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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

Rq. L45794 A

SPACE DIVISION CHRYSLER CORPORATION

TECHNICAL NOTE

TN-AE-65-72
VOLUME II

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

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CHRYSLER CORPORATION SPACE DIVISION
NEW ORLEANS, LOUISIANA

FOREWORD

This is Volume II of TN-AE-65-72. This volume contains correlation numbers 522 through 779. Further information is included in Volume I.

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 522
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 30.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.217
TUNNEL DYNAMIC PRESSURE(PSF) = 786.
TUNNEL STAGNATION PRESSURE(PSF) = 1880.
TUNNEL STATIC PRESSURE(PSF) = 759.
REYNOLDS NUMBER PER FOOT = 3.9990E 06
MODEL ANGLE OF ATTACK(DEG) = 0.11
FIN ANGLE(DEG) = -0.39
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 552.

SCANIVALUE	CP(REF)
147	1.0664
247	1.0654
347	1.0664
447	1.0664
547	1.0784
647	1.0784
747	1.0774

ORF	CP	ORF	CP	ORF	CP
1	0.3604	52	0.1934	102	-0.0046
2	-0.0386	53	0.0004	103	-0.3636
3	-0.3386	54	-0.1466	104	-0.3516
4	-0.2906	55	0.2544	105	-0.1948
5	-0.0936	56	0.3124	110	-0.1376
6	0.0424	57	0.3004	111	-0.1296
7	0.1584	58	0.2914	112	-0.1006
8	0.2014	59	0.2794	113	-0.1626
9	0.2174	60	0.2684	114	-0.2096
10	0.2244	61	0.2504	115	-0.1996
11	0.2304	62	0.2224	116	-0.1706
12	0.2304	63	0.1754	117	-0.1206
13	0.2204	64	-0.1446	118	-0.0746
14	0.0934	65	-0.1476	119	-0.0716
15	0.0114	66	0.3214	120	0.0744
16	0.0674	67	0.3084	121	0.0754
17	-0.1256	68	0.3004	122	-0.0306
18	-0.2296	69	0.2814	123	-0.1976
19	-0.0686	70	0.2664	124	-0.0816
20	0.1664	71	0.2434	125	-0.0516
21	0.2264	72	0.2124	126	-0.0096
22	0.2444	73	0.1474	127	-0.0406
23	0.2414	74	-0.1656	128	-0.2236
24	0.2504	75	0.3324	129	-0.1416
25	0.2374	76	0.3094	135	-0.0216
26	0.2354	77	0.2814	136	-0.0276
27	0.2074	78	0.2734	137	-0.0286
28	0.0964	79	0.2314	138	0.0574
29	-0.0356	80	0.1734	139	0.0694
30	0.0034	81	0.0794	140	0.0564
32	-0.0606	82	-0.1756	141	0.1294
33	0.1674	83	0.3274	142	0.1254
34	0.2514	84	0.3154	143	0.1294
35	0.2524	85	0.2604	145	-0.0246
36	0.2634	86	0.2094	147	0.1284
37	0.2534	87	0.1714	151	0.1974
38	0.2464	88	0.1044	152	-0.0816
39	0.2414	89	-0.1906	153	-0.1556
40	0.2064	90	0.2714	154	-0.3586
41	0.1164	91	0.2084	155	0.1554
42	-0.1006	92	0.1794	156	0.2874
43	-0.0256	93	0.1524	157	0.1044
44	-0.0696	94	0.1044	158	0.5704
45	0.1814	95	-0.1966	159	0.4424
46	0.2784	96	-0.3536	160	0.3864
47	0.2894	97	-0.1516	161	0.2864
48	0.2894	98	0.2754	162	0.5374
49	0.2744	99	0.2844	163	0.4624
50	0.2594	100	0.0924	164	0.0714
51	0.2314	101	-0.0466	165	0.2074

ORF	CP	ORF	CP	ORF	CP
166	0.6304	217	0.1154	268	0.0564
167	0.4484	218	0.1524	269	0.3614
168	0.4014	219	0.1924	270	0.4414
169	0.2704	220	0.1954	271	-0.0206
170	0.3704	221	-0.2686	272	-0.0386
171	0.3584	222	-0.1026	273	0.3324
172	0.1414	223	0.2004	274	0.3914
173	0.2064	224	0.1834	275	0.5034
174	0.0914	225	0.4204	276	0.5774
175	-0.1256	226	0.3144	277	0.4634
176	-0.3076	227	-0.4056	278	-0.5636
177	-0.0386	228	-0.2886	279	-0.4906
178	-0.1676	229	-0.2356	280	-0.4116
179	-0.1936	230	-0.0536	281	-0.3196
180	-0.3256	231	0.0914	282	-0.0676
181	0.4394	232	0.1424	283	0.1294
182	0.6114	233	0.1824	284	0.2354
183	0.6124	234	0.2024	285	0.2214
184	0.8254	235	0.0424	286	-0.0306
185	0.8784	236	-0.0476	287	-0.0696
186	0.8944	237	0.0894	288	0.2884
187	0.9454	238	0.1484	289	0.4184
188	1.0004	239	0.4044	290	0.4054
189	1.0714	240	0.3124	291	-0.1836
190	-0.3286	241	-0.3496	292	0.2204
191	-0.3486	242	-0.3006	325	0.1084
192	-0.3476	244	-0.0636	326	0.1084
193	-0.3446	245	0.0634	327	0.1094
194	-0.3316	246	0.1184	328	0.1094
195	-0.3356	247	0.1834	329	0.1094
196	-0.3366	248	0.2094	330	0.1094
197	-0.3276	249	0.1914	331	0.1084
198	-0.3266	250	0.1144	332	0.1104
199	-0.3236	251	-0.3116	333	0.1104
200	-0.3196	252	0.1414	334	0.1094
201	-0.3116	253	0.4564	335	0.1104
202	-0.3086	254	0.3584	336	0.1074
203	-0.3036	255	-0.6636	337	0.1084
204	-0.3056	256	-0.5966	338	0.1084
205	0.3894	257	-0.5196	339	0.1094
206	0.4184	258	-0.2656	340	0.1094
207	0.4154	259	0.0494	341	0.1094
208	0.4124	260	0.1494	350	-0.0706
210	0.4274	261	0.2184	351	0.1074
211	0.4804	262	0.2584	352	0.1074
212	0.3864	263	0.0674	353	0.1084
213	-0.4026	264	0.1234	354	0.1084
214	-0.2836	265	0.3864	355	0.1074
215	-0.2106	266	0.4154		
216	-0.0246	267	0.0354		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 523
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 28.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.103
TUNNEL DYNAMIC PRESSURE(PSF) = 748.
TUNNEL STAGNATION PRESSURE(PSF) = 1883.
TUNNEL STATIC PRESSURE(PSF) = 879.
REYNOLDS NUMBER PER FOOT = 3.9960E 06
MODEL ANGLE OF ATTACK(DEG) = -14.21
FIN ANGLE(DEG) = -0.29
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 550.

SCANIVALUE	CP(REF)
147	0.9599
247	0.9589
347	0.9599
447	0.9589
547	0.9569
647	0.9579
747	0.9569

ORF	CP	ORF	CP	ORF	CP
1	-0.0351	52	-0.1131	102	-0.2671
2	-0.1591	53	-0.2521	103	-0.5221
3	-0.1171	54	-0.2431	104	-0.5211
4	-0.0591	55	0.1109	105	-0.3821
5	-0.0371	56	0.1099	110	-0.3071
6	-0.0281	57	0.0679	111	-0.2981
7	-0.0251	58	0.0699	112	-0.2861
8	-0.0341	59	0.0389	113	-0.3431
9	-0.0381	60	0.0179	114	-0.2921
10	-0.0461	61	-0.0051	115	-0.3601
11	-0.0621	62	-0.0401	116	-0.3321
12	-0.0691	63	-0.1021	117	-0.2651
13	-0.0971	64	-0.3001	118	-0.3191
14	-0.1961	65	-0.2731	119	-0.2741
15	-0.2381	66	0.1659	120	-0.0281
16	-0.0951	67	0.1459	121	-0.0071
17	-0.0771	68	0.1189	122	-0.1051
18	-0.0601	69	0.0869	123	-0.3741
19	-0.0391	70	0.0649	124	-0.1981
20	-0.0241	71	0.0259	125	-0.1721
21	-0.0271	72	-0.0051	126	-0.1341
22	-0.0281	73	-0.0611	127	-0.1571
23	-0.0361	74	-0.2691	128	-0.3751
24	-0.0471	75	0.2579	129	-0.3081
25	-0.0591	76	0.2029	135	-0.1281
26	-0.0731	77	0.1549	136	-0.1271
27	-0.1111	78	0.1209	137	-0.1281
28	-0.2011	79	0.0739	138	0.0149
29	-0.2391	80	0.0039	139	0.0059
30	-0.0241	81	-0.1241	140	0.0089
32	-0.0001	82	-0.2801	141	0.1159
33	-0.0031	83	0.2599	142	0.1049
34	-0.0181	84	0.2199	143	0.1239
35	-0.0181	85	0.1649	145	-0.1331
36	-0.0311	86	0.0929	147	0.1039
37	-0.0391	87	-0.0071	151	-0.0441
38	-0.0581	88	-0.0891	152	-0.2641
39	-0.0801	89	-0.3131	153	-0.3121
40	-0.1061	90	0.2699	154	-0.3271
41	-0.1851	91	0.1009	155	-0.0491
42	-0.2501	92	-0.0111	156	-0.0771
43	0.0469	93	-0.0801	157	-0.1911
44	0.0429	94	-0.1661	158	0.1969
45	0.0309	95	-0.3711	159	0.0399
46	0.0219	96	-0.1921	160	-0.0161
47	-0.0001	97	-0.3621	161	-0.1111
48	0.0019	98	-0.1411	162	0.1499
49	-0.0141	99	-0.3861	163	0.0639
50	-0.0381	100	-0.5411	164	0.0029
51	-0.0671	101	-0.2831	165	-0.1511

ORF	CP	ORF	CP	ORF	CP
166	0.2069	217	-0.5881	268	-0.1651
167	0.0859	218	-0.6321	269	0.0479
168	0.0129	219	-0.5601	270	0.1129
169	-0.0941	220	-0.1851	271	-0.2741
170	0.0219	221	-0.4901	272	-0.2241
171	0.0229	222	-0.2781	273	0.0689
172	-0.1361	223	0.1299	274	0.1049
173	0.1109	224	0.1419	275	0.2289
174	-0.0271	225	0.3009	276	0.1669
175	-0.1721	226	0.1799	277	0.0539
176	-0.2761	227	-0.9001	278	-0.3851
177	-0.2601	228	-0.8491	279	-0.3671
178	-0.3091	229	-0.8031	280	-0.3031
179	-0.2501	230	-0.6961	281	-0.1541
180	-0.3561	231	-0.6681	282	-0.0381
181	0.3309	232	-0.6161	283	-0.0321
182	0.6399	233	-0.4311	284	-0.0411
183	0.8719	234	-0.1831	285	-0.0841
184	1.0139	235	-0.2641	286	-0.2871
185	1.0219	236	-0.2911	287	-0.2721
186	1.1099	237	0.0019	288	0.0509
187	1.2619	238	0.0489	289	0.0929
188	1.3359	239	0.1559	290	0.0699
189	1.3379	240	0.0869	291	-0.1011
190	-0.3331	241	-0.7561	292	0.1569
191	-0.3171	242	-0.6681	325	0.0439
192	-0.3581	244	-0.3631	326	0.0449
193	-0.3421	245	-0.2301	327	0.0399
194	-0.3661	246	-0.2041	328	0.0419
195	-0.3151	247	-0.2021	329	0.0439
196	-0.3211	248	-0.1101	330	0.0479
197	-0.3271	249	-0.0541	331	0.0449
198	-0.3061	250	0.0399	332	0.0419
199	-0.3091	251	-0.3241	333	0.0419
200	-0.3131	252	-0.1101	334	0.0449
201	-0.2941	253	0.1969	335	0.0489
202	-0.3081	254	0.0699	336	0.0409
203	-0.2871	255	-0.4141	337	0.0439
204	-0.2911	256	-0.4001	338	0.0439
205	0.2129	257	-0.3411	339	0.0399
206	0.2589	258	-0.2171	340	0.0429
207	0.2579	259	-0.0911	341	0.0439
208	0.3269	260	-0.0721	350	-0.2371
210	0.2349	261	-0.0801	351	0.0319
211	-0.1711	262	-0.0771	352	0.0329
212	-0.1721	263	-0.2001	353	0.0329
213	-0.8621	264	-0.1331	354	0.0329
214	-0.8541	265	0.0479	355	0.0349
215	-0.7721	266	0.0789		
216	-0.6841	267	-0.2271		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 524
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 28.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.102
TUNNEL DYNAMIC PRESSURE(PSF) = 748.
TUNNEL STAGNATION PRESSURE(PSF) = 1884.
TUNNEL STATIC PRESSURE(PSF) = 881.
REYNOLDS NUMBER PER FOOT = 4.0000E 06
MODEL ANGLE OF ATTACK(DEG) = -12.10
FIN ANGLE(DEG) = -0.33
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 549.

SCANIVALUE	CP(REF)
147	0.9572
247	0.9562
347	0.9562
447	0.9572
547	0.9472
647	0.9462
747	0.9472

ORF	CP	ORF	CP	ORF	CP
1	-0.0908	52	-0.0668	102	-0.2528
2	-0.2018	53	-0.2268	103	-0.5238
3	-0.1498	54	-0.2158	104	-0.5098
4	-0.1038	55	0.1722	105	-0.4008
5	-0.0338	56	0.1522	110	-0.2298
6	-0.0148	57	0.1462	111	-0.2478
7	-0.0038	58	0.1242	112	-0.2608
8	-0.0058	59	0.1012	113	-0.3238
9	-0.0008	60	0.0822	114	-0.2758
10	-0.0068	61	0.0492	115	-0.3208
11	-0.0138	62	0.0142	116	-0.2938
12	-0.0288	63	-0.0508	117	-0.2158
13	-0.0558	64	-0.2768	118	-0.2478
14	-0.1588	65	-0.2368	119	-0.2238
15	-0.2078	66	0.2522	120	0.0222
16	-0.1378	67	0.2192	121	0.0222
17	-0.1188	68	0.1902	122	-0.0728
18	-0.0668	69	0.1662	123	-0.3458
19	-0.0338	70	0.1322	124	-0.1658
20	-0.0098	71	0.1002	125	-0.1298
21	0.0022	72	0.0482	126	-0.0838
22	0.0102	73	-0.0418	127	-0.1108
23	0.0062	74	-0.2298	128	-0.3408
24	0.0012	75	0.3332	129	-0.2678
25	-0.0128	76	0.2722	135	-0.0908
26	-0.0318	77	0.2332	136	-0.0868
27	-0.0678	78	0.1782	137	-0.0888
28	-0.1618	79	0.1252	138	0.0252
29	-0.2158	80	0.0512	139	0.0122
30	-0.0308	81	-0.0878	140	0.0322
32	0.0062	82	-0.2468	141	0.1402
33	0.0172	83	0.3182	142	0.1332
34	0.0162	84	0.2802	143	0.1402
35	0.0202	85	0.2082	145	-0.0878
36	0.0142	86	0.1272	147	0.1282
37	0.0032	87	0.0422	151	-0.0578
38	-0.0128	88	-0.0748	152	-0.2528
39	-0.0358	89	-0.2928	153	-0.2988
40	-0.0718	90	0.3052	154	-0.3338
41	-0.1568	91	0.1292	155	0.0882
42	-0.2288	92	0.0242	156	-0.0488
43	0.0802	93	-0.0478	157	-0.1738
44	0.0732	94	-0.1388	158	0.2372
45	0.0682	95	-0.3698	159	0.0802
46	0.0702	96	-0.1588	160	0.0312
47	0.0582	97	-0.3848	161	-0.0678
48	0.0482	98	-0.1298	162	0.1662
49	0.0342	99	-0.5008	163	0.0672
50	0.0252	100	-0.6488	164	0.0132
51	-0.0188	101	-0.2768	165	-0.1398

ORF	CP	ORF	CP	ORF	CP
166	0.2042	217	-0.5338	268	-0.1328
167	0.0732	218	-0.5128	269	0.0832
168	0.0012	219	-0.2468	270	0.1562
169	-0.1128	220	-0.0318	271	-0.2638
170	0.0462	221	-0.4238	272	-0.1788
171	0.0162	222	-0.3288	273	0.1012
172	-0.1488	223	0.1002	274	0.1322
173	0.1362	224	0.1022	275	0.2702
174	-0.0268	225	0.2822	276	0.1482
175	-0.1838	226	0.1652	277	0.0502
176	-0.2898	227	-0.8888	278	-0.3968
177	-0.2728	228	-0.8158	279	-0.3678
178	-0.3438	229	-0.7278	280	-0.3258
179	-0.2478	230	-0.5648	281	-0.2068
180	-0.3468	231	-0.4558	282	-0.0618
181	0.3342	232	-0.3488	283	-0.0148
182	0.6082	233	-0.2358	284	-0.0038
183	0.8252	234	-0.0378	285	-0.0418
184	0.9802	235	-0.2588	286	-0.2798
185	1.0022	236	-0.2678	287	-0.2488
186	1.0952	237	-0.0178	288	0.0722
187	1.2412	238	0.0422	289	0.1122
188	1.3242	239	0.1972	290	0.0962
189	1.3322	240	0.1042	291	-0.0928
190	-0.3178	241	-0.5438	292	0.1942
191	-0.3178	242	-0.4898	325	0.0592
192	-0.3358	244	-0.2468	326	0.0562
193	-0.3308	245	-0.1588	327	0.0502
194	-0.3608	246	-0.1398	328	0.0512
195	-0.3078	247	-0.1148	329	0.0492
196	-0.3128	248	-0.0418	330	0.0482
197	-0.3148	249	-0.0498	331	0.0572
198	-0.2988	250	0.0542	332	0.0512
199	-0.3008	251	-0.3228	333	0.0532
200	-0.3168	252	-0.1058	334	0.0502
201	-0.2918	253	0.1902	335	0.0482
202	-0.3008	254	0.0762	336	0.0612
203	-0.2878	255	-0.4278	337	0.0592
204	-0.2858	256	-0.4098	338	0.0562
205	0.2492	257	-0.3628	339	0.0502
206	0.2722	258	-0.2638	340	0.0512
207	0.2882	259	-0.1148	341	0.0492
208	0.3492	260	-0.0588	350	-0.1828
210	0.2542	261	-0.0438	351	0.0552
211	-0.0878	262	-0.0448	352	0.0542
212	-0.1118	263	-0.1638	353	0.0532
213	-0.8448	264	-0.1048	354	0.0532
214	-0.7988	265	0.0732	355	0.0552
215	-0.7058	266	0.1052		
216	-0.5658	267	-0.1898		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 525
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 28.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.102
TUNNEL DYNAMIC PRESSURE(PSF) = 747.
TUNNEL STAGNATION PRESSURE(PSF) = 1880.
TUNNEL STATIC PRESSURE(PSF) = 879.
REYNOLDS NUMBER PER FOOT = 3.9960E 06
MODEL ANGLE OF ATTACK(DEG) = -8.08
FIN ANGLE(DEG) = -0.42
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 549.

SCANIVALUE	CP(REF)
147	0.9623
247	0.9603
347	0.9613
447	0.9613
547	0.9633
647	0.9623
747	0.9623

ORF	CP	ORF	CP	ORF	CP
1	-0.0167	52	0.0373	102	-0.1807
2	-0.1567	53	-0.1607	103	-0.5507
3	-0.1847	54	-0.1557	104	-0.5427
4	-0.1367	55	0.3463	105	-0.4107
5	-0.0347	56	0.3013	110	-0.1827
6	0.0363	57	0.2703	111	-0.2197
7	0.0683	58	0.2433	112	-0.2217
8	0.0913	59	0.2133	113	-0.2777
9	0.0963	60	0.1873	114	-0.2817
10	0.0953	61	0.1573	115	-0.2997
11	0.0863	62	0.1163	116	-0.2577
12	0.0733	63	0.0463	117	-0.2127
13	0.0413	64	-0.2767	118	-0.1777
14	-0.0707	65	-0.1957	119	-0.1777
15	-0.1217	66	0.3863	120	0.0263
16	-0.0657	67	0.3283	121	0.0243
17	-0.0647	68	0.2913	122	-0.0637
18	-0.0077	69	0.2563	123	-0.3007
19	0.0323	70	0.2183	124	-0.1487
20	0.0683	71	0.1793	125	-0.1037
21	0.0893	72	0.1293	126	-0.0447
22	0.1033	73	0.0403	127	-0.0807
23	0.1023	74	-0.2497	128	-0.3007
24	0.0993	75	0.3923	129	-0.2197
25	0.0873	76	0.3283	135	-0.0877
26	0.0673	77	0.2793	136	-0.0887
27	0.0243	78	0.2313	137	-0.0867
28	-0.0817	79	0.1743	138	0.0433
29	-0.1437	80	0.1023	139	0.0393
30	0.0643	81	-0.0367	140	0.0453
32	0.1073	82	-0.3047	141	0.1203
33	0.1233	83	0.3453	142	0.1223
34	0.1313	84	0.3053	143	0.1293
35	0.1283	85	0.2263	145	-0.0847
36	0.1233	86	0.1413	147	0.1143
37	0.1213	87	0.0563	151	-0.0077
38	0.1083	88	-0.0417	152	-0.2207
39	0.0793	89	-0.3457	153	-0.3167
40	0.0313	90	0.3093	154	-0.3947
41	-0.0677	91	0.1233	155	0.1353
42	-0.1457	92	0.0273	156	0.0723
43	0.2263	93	-0.0387	157	-0.0877
44	0.2253	94	-0.1167	158	0.3493
45	0.2073	95	-0.4107	159	0.1793
46	0.2013	96	-0.3757	160	0.1423
47	0.1923	97	-0.3507	161	0.0363
48	0.1793	98	-0.1297	162	0.2663
49	0.1513	99	-0.4607	163	0.1523
50	0.1273	100	-0.4167	164	0.0403
51	0.0943	101	-0.2107	165	-0.0757

ORF	CP	ORF	CP	ORF	CP
166	0.2253	217	-0.1057	268	-0.0547
167	0.1283	218	-0.0507	269	0.1903
168	0.0583	219	-0.0217	270	0.2703
169	-0.0757	220	-0.0117	271	-0.1817
170	0.0663	221	-0.3717	272	-0.1227
171	0.0703	222	-0.1937	273	0.1863
172	-0.0977	223	0.0543	274	0.2413
173	0.1443	224	0.0333	275	0.4073
174	-0.0367	225	0.2443	276	0.2283
175	-0.1767	226	0.1163	277	0.1253
176	-0.3157	227	-0.5217	278	-0.3657
177	-0.2137	228	-0.4857	279	-0.3687
178	-0.3177	229	-0.3897	280	-0.3367
179	-0.2247	230	-0.2517	281	-0.2477
180	-0.3247	231	-0.1487	282	-0.0407
181	0.2733	232	-0.0917	283	0.0523
182	0.4773	233	-0.0367	284	0.1103
183	0.7153	234	-0.0277	285	0.0633
184	0.8533	235	-0.1647	286	-0.2027
185	0.8883	236	-0.2097	287	-0.1737
186	0.9603	237	-0.0487	288	0.1593
187	1.0763	238	-0.0067	289	0.1843
188	1.2093	239	0.3523	290	0.2063
189	1.2543	240	0.2113	291	-0.1467
190	-0.3477	241	-0.4447	292	0.1563
191	-0.3097	242	-0.4087	325	0.0513
192	-0.3627	244	-0.2407	326	0.0523
193	-0.3507	245	-0.0687	327	0.0543
194	-0.3267	246	-0.0137	328	0.0543
195	-0.3057	247	0.0083	329	0.0553
196	-0.3247	248	0.0153	330	0.0543
197	-0.3227	249	0.0033	331	0.0523
198	-0.3127	250	0.0543	332	0.0553
199	-0.3097	251	-0.3077	333	0.0563
200	-0.3097	252	-0.0267	334	0.0543
201	-0.2887	253	0.2853	335	0.0553
202	-0.3007	254	0.1673	336	0.0573
203	-0.2907	255	-0.3667	337	0.0513
204	-0.2857	256	-0.3927	338	0.0513
205	0.3453	257	-0.3437	339	0.0543
206	0.3753	258	-0.2917	340	0.0543
207	0.3743	259	-0.1237	341	0.0543
208	0.3883	260	0.0073	350	-0.1417
210	0.3103	261	0.0673	351	0.0533
211	0.1033	262	0.0623	352	0.0563
212	0.0263	263	-0.0777	353	0.0543
213	-0.6397	264	-0.0087	354	0.0533
214	-0.5197	265	0.1813	355	0.0533
215	-0.4387	266	0.2303		
216	-0.2687	267	-0.1027		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 526
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 28.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.097
TUNNEL DYNAMIC PRESSURE(PSF) = 745.
TUNNEL STAGNATION PRESSURE(PSF) = 1881.
TUNNEL STATIC PRESSURE(PSF) = 885.
REYNOLDS NUMBER PER FOOT = 3.9970E 06
MODEL ANGLE OF ATTACK(DEG) = -6.04
FIN ANGLE(DEG) = -0.47
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 549.

SCANIVALUE	CP(REF)
147	0.9561
247	0.9551
347	0.9561
447	0.9561
547	0.9561
647	0.9561
747	0.9561

ORF	CP	ORF	CP	ORF	CP
1	0.0531	52	0.0621	102	-0.1529
2	-0.1069	53	-0.1419	103	-0.5639
3	-0.1289	54	-0.1419	104	-0.5409
4	-0.0499	55	0.3531	105	-0.3949
5	0.0211	56	0.3091	110	-0.1959
6	0.0911	57	0.2841	111	-0.2219
7	0.1101	58	0.2581	112	-0.2009
8	0.1191	59	0.2321	113	-0.2469
9	0.1251	60	0.2061	114	-0.2889
10	0.1241	61	0.1741	115	-0.2849
11	0.1131	62	0.1321	116	-0.2419
12	0.0991	63	0.0641	117	-0.1969
13	0.0701	64	-0.2779	118	-0.1489
14	-0.0449	65	-0.2089	119	-0.1489
15	-0.0949	66	0.3851	120	0.0121
16	0.0271	67	0.3281	121	0.0131
17	0.0241	68	0.2911	122	-0.0639
18	0.0551	69	0.2581	123	-0.2819
19	0.0871	70	0.2251	124	-0.1499
20	0.1101	71	0.1851	125	-0.0999
21	0.1301	72	0.1381	126	-0.0529
22	0.1301	73	0.0521	127	-0.0889
23	0.1271	74	-0.2769	128	-0.2889
24	0.1231	75	0.3931	129	-0.2139
25	0.1141	76	0.3231	135	-0.0729
26	0.0901	77	0.2711	136	-0.0789
27	0.0521	78	0.2221	137	-0.0749
28	-0.0539	79	0.1691	138	0.0401
29	-0.1169	80	0.0971	139	0.0411
30	0.1281	81	-0.0359	140	0.0421
32	0.1561	82	-0.3209	141	0.1021
33	0.1591	83	0.3341	142	0.1091
34	0.1601	84	0.2911	143	0.1111
35	0.1611	85	0.2111	145	-0.0779
36	0.1541	86	0.1251	147	0.1071
37	0.1451	87	0.0461	151	-0.0019
38	0.1241	88	-0.0549	152	-0.2069
39	0.1031	89	-0.3599	153	-0.3049
40	0.0601	90	0.2831	154	-0.3759
41	-0.0399	91	0.1071	155	0.1661
42	-0.1249	92	0.0301	156	0.0481
43	0.2711	93	-0.0309	157	-0.1089
44	0.2471	94	-0.1049	158	0.3701
45	0.2351	95	-0.3939	159	0.1681
46	0.2221	96	-0.3209	160	0.1471
47	0.2091	97	-0.2829	161	0.0401
48	0.1971	98	-0.0119	162	0.2851
49	0.1771	99	-0.1969	163	0.1691
50	0.1511	100	-0.1859	164	0.0391
51	0.1151	101	-0.1899	165	-0.0549

ORF	CP	ORF	CP	ORF	CP
166	0.2641	217	-0.0929	268	-0.0279
167	0.1601	218	-0.0699	269	0.2071
168	0.0801	219	-0.0149	270	0.2951
169	-0.0539	220	-0.0009	271	-0.1619
170	0.0871	221	-0.3079	272	-0.0919
171	0.1191	222	-0.1199	273	0.2211
172	-0.0729	223	0.0391	274	0.2691
173	0.1571	224	0.0261	275	0.4341
174	-0.0149	225	0.3321	276	0.2711
175	-0.1659	226	0.2141	277	0.1611
176	-0.3359	227	-0.7879	278	-0.3889
177	-0.2189	228	-0.7009	279	-0.3559
178	-0.3229	229	-0.5359	280	-0.3589
179	-0.1989	230	-0.3319	281	-0.2609
180	-0.3279	231	-0.1249	282	-0.0179
181	0.2751	232	-0.0489	283	0.0851
182	0.4611	233	0.0071	284	0.1221
183	0.6151	234	0.0251	285	0.0781
184	0.7221	235	-0.1239	286	-0.1809
185	0.7601	236	-0.1319	287	-0.1369
186	0.8141	237	-0.0089	288	0.1941
187	0.9141	238	0.0551	289	0.2301
188	1.0331	239	0.4101	290	0.2241
189	1.0891	240	0.3211	291	-0.2079
190	-0.3199	241	-0.7859	292	0.1301
191	-0.3199	242	-0.7289	325	0.0541
192	-0.3329	244	-0.3889	326	0.0561
193	-0.3319	245	-0.1119	327	0.0551
194	-0.3199	246	0.0071	328	0.0561
195	-0.3149	247	0.0581	329	0.0551
196	-0.3329	248	0.0811	330	0.0551
197	-0.3229	249	0.0701	331	0.0571
198	-0.3199	250	0.0451	332	0.0551
199	-0.3209	251	-0.3109	333	0.0581
200	-0.3149	252	-0.0169	334	0.0561
201	-0.3009	253	0.3021	335	0.0551
202	-0.3069	254	0.1791	336	0.0531
203	-0.3019	255	-0.2889	337	0.0531
204	-0.2989	256	-0.3119	338	0.0561
205	0.3491	257	-0.3019	339	0.0551
206	0.3821	258	-0.2689	340	0.0551
207	0.3741	259	-0.0619	341	0.0541
208	0.3771	260	0.0471	350	-0.1379
210	0.3431	261	0.0951	351	0.0411
211	0.2791	262	0.0911	352	0.0441
212	0.1591	263	-0.0429	353	0.0451
213	-0.5239	264	0.0101	354	0.0441
214	-0.4209	265	0.1831	355	0.0431
215	-0.3369	266	0.2401		
216	-0.1829	267	-0.0709		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 527
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 28.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.099
TUNNEL DYNAMIC PRESSURE(PSF) = 745.
TUNNEL STAGNATION PRESSURE(PSF) = 1880.
TUNNEL STATIC PRESSURE(PSF) = 882.
REYNOLDS NUMBER PER FOOT = 4.0020E 06
MODEL ANGLE OF ATTACK(DEG) = -4.04
FIN ANGLE(DEG) = -0.53
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 548.

SCANIVALUE	CP(REF)
147	0.9581
247	0.9581
347	0.9571
447	0.9581
547	0.9581
647	0.9571
747	0.9571

ORF	CP	ORF	CP	ORF	CP
1	0.1021	52	0.0741	102	-0.1339
2	-0.0799	53	-0.1249	103	-0.5439
3	-0.1159	54	-0.1319	104	-0.5049
4	-0.0549	55	0.3421	105	-0.3589
5	0.0191	56	0.3031	110	-0.1979
6	0.0891	57	0.2781	111	-0.2049
7	0.1291	58	0.2541	112	-0.1699
8	0.1441	59	0.2291	113	-0.2359
9	0.1481	60	0.2061	114	-0.2849
10	0.1451	61	0.1751	115	-0.2709
11	0.1381	62	0.1371	116	-0.2279
12	0.1211	63	0.0741	117	-0.1759
13	0.0921	64	-0.2679	118	-0.1299
14	-0.0219	65	-0.2129	119	-0.1299
15	-0.0719	66	0.3641	120	0.0251
16	0.0541	67	0.3111	121	0.0231
17	0.0501	68	0.2711	122	-0.0639
18	0.0541	69	0.2441	123	-0.2699
19	0.1071	70	0.2131	124	-0.1329
20	0.1381	71	0.1791	125	-0.0849
21	0.1351	72	0.1341	126	-0.0309
22	0.1511	73	0.0531	127	-0.0769
23	0.1481	74	-0.2829	128	-0.2839
24	0.1421	75	0.3611	129	-0.1919
25	0.1351	76	0.3071	135	-0.0639
26	0.1121	77	0.2621	136	-0.0649
27	0.0731	78	0.2221	137	-0.0649
28	-0.0309	79	0.1671	138	0.0391
29	-0.0939	80	0.0961	139	0.0431
30	0.1441	81	-0.0289	140	0.0461
32	0.1631	82	-0.3199	141	0.1171
33	0.1741	83	0.3141	142	0.1171
34	0.1671	84	0.2721	143	0.1161
35	0.1701	85	0.1981	145	-0.0639
36	0.1711	86	0.1141	147	0.1071
37	0.1591	87	0.0491	151	0.0101
38	0.1441	88	-0.0399	152	-0.1879
39	0.1201	89	-0.3459	153	-0.2889
40	0.0801	90	0.2561	154	-0.3669
41	-0.0179	91	0.0991	155	0.1891
42	-0.1009	92	0.0431	156	0.0661
43	0.2631	93	0.0071	157	-0.0909
44	0.2541	94	-0.0539	158	0.4071
45	0.2401	95	-0.3519	159	0.1831
46	0.2301	96	-0.3329	160	0.1631
47	0.2141	97	-0.2669	161	0.0581
48	0.2031	98	0.0941	162	0.3141
49	0.1861	99	0.0581	163	0.1961
50	0.1631	100	-0.0659	164	0.0341
51	0.1291	101	-0.1719	165	-0.0339

ORF	CP	ORF	CP	ORF	CP
166	0.3171	217	-0.0929	268	-0.0059
167	0.2061	218	0.0011	269	0.2251
168	0.1291	219	0.0751	270	0.3261
169	-0.0049	220	0.0681	271	-0.1429
170	0.1541	221	-0.3449	272	-0.0689
171	0.1791	222	-0.1219	273	0.2521
172	-0.0309	223	0.0961	274	0.2921
173	0.1621	224	0.0751	275	0.4691
174	0.0141	225	0.3921	276	0.3131
175	-0.1419	226	0.2651	277	0.2021
176	-0.3499	227	-0.6729	278	-0.3399
177	-0.2049	228	-0.7029	279	-0.3169
178	-0.2999	229	-0.5659	280	-0.2919
179	-0.1799	230	-0.2769	281	-0.2189
180	-0.3209	231	-0.0529	282	-0.0019
181	0.2981	232	0.0311	283	0.1021
182	0.4841	233	0.0901	284	0.1501
183	0.5481	234	0.0941	285	0.1061
184	0.6631	235	-0.0849	286	-0.1589
185	0.6981	236	-0.1299	287	-0.1259
186	0.7161	237	0.0151	288	0.2201
187	0.7891	238	0.0881	289	0.2551
188	0.8671	239	0.4061	290	0.2491
189	0.9241	240	0.3051	291	-0.1439
190	-0.3129	241	-0.5169	292	0.1601
191	-0.3279	242	-0.4539	325	0.0591
192	-0.3259	244	-0.2579	326	0.0581
193	-0.3279	245	-0.0479	327	0.0581
194	-0.3229	246	0.0551	328	0.0591
195	-0.3199	247	0.1081	329	0.0581
196	-0.3349	248	0.1181	330	0.0561
197	-0.3209	249	0.0981	331	0.0591
198	-0.3209	250	0.0611	332	0.0591
199	-0.3209	251	-0.3119	333	0.0601
200	-0.3129	252	-0.0059	334	0.0601
201	-0.3039	253	0.3241	335	0.0561
202	-0.3029	254	0.1951	336	0.0581
203	-0.3029	255	-0.2739	337	0.0591
204	-0.3019	256	-0.2879	338	0.0581
205	0.3461	257	-0.2739	339	0.0581
206	0.3941	258	-0.2299	340	0.0591
207	0.3741	259	-0.0259	341	0.0581
208	0.3671	260	0.0801	350	-0.1299
210	0.3971	261	0.1241	351	0.0471
211	0.3691	262	0.1221	352	0.0531
212	0.2351	263	-0.0169	353	0.0551
213	-0.6779	264	0.0281	354	0.0551
214	-0.5429	265	0.2051	355	0.0551
215	-0.4169	266	0.2681		
216	-0.2069	267	-0.0479		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 528
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 28.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.101
TUNNEL DYNAMIC PRESSURE(PSF) = 744.
TUNNEL STAGNATION PRESSURE(PSF) = 1874.
TUNNEL STATIC PRESSURE(PSF) = 877.
REYNOLDS NUMBER PER FOOT = 3.9930E 06
MODEL ANGLE OF ATTACK(DEG) = -1.92
FIN ANGLE(DEG) = -0.59
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 548.

SCANIVALUE	CP(REF)
147	0.9702
247	0.9682
347	0.9692
447	0.9692
547	0.9702
647	0.9692
747	0.9702

ORF	CP	ORF	CP	ORF	CP
1	0.1612	52	0.0812	102	-0.1188
2	-0.0748	53	-0.1228	103	-0.5038
3	-0.1218	54	-0.1578	104	-0.4688
4	-0.0478	55	0.3072	105	-0.3098
5	0.0562	56	0.2762	110	-0.1808
6	0.1172	57	0.2602	111	-0.1828
7	0.1432	58	0.2392	112	-0.1488
8	0.1462	59	0.2232	113	-0.2188
9	0.1572	60	0.1982	114	-0.2568
10	0.1602	61	0.1722	115	-0.2478
11	0.1502	62	0.1372	116	-0.2108
12	0.1352	63	0.0792	117	-0.1578
13	0.1082	64	-0.2818	118	-0.1138
14	-0.0128	65	-0.2498	119	-0.1108
15	-0.0718	66	0.3222	120	0.0342
16	0.0352	67	0.2802	121	0.0342
17	0.0392	68	0.2502	122	-0.0448
18	0.0702	69	0.2292	123	-0.2468
19	0.1142	70	0.2032	124	-0.1238
20	0.1332	71	0.1722	125	-0.0778
21	0.1522	72	0.1312	126	-0.0278
22	0.1622	73	0.0552	127	-0.0618
23	0.1652	74	-0.2948	128	-0.2668
24	0.1602	75	0.3162	129	-0.1718
25	0.1472	76	0.2772	135	-0.0398
26	0.1322	77	0.2432	136	-0.0418
27	0.0892	78	0.2042	137	-0.0468
28	-0.0248	79	0.1522	138	0.0472
29	-0.0928	80	0.0922	139	0.0532
30	0.1352	81	-0.0158	140	0.0632
32	0.1772	82	-0.3078	141	0.1292
33	0.1912	83	0.2752	142	0.1332
34	0.1922	84	0.2392	143	0.1362
35	0.1882	85	0.1692	145	-0.0418
36	0.1872	86	0.1072	147	0.1342
37	0.1742	87	0.0672	151	0.0232
38	0.1582	88	-0.0138	152	-0.1688
39	0.1352	89	-0.3228	153	-0.2938
40	0.0922	90	0.2072	154	-0.3578
41	-0.0088	91	0.1122	155	0.2402
42	-0.1018	92	0.0832	156	0.0902
43	0.2662	93	0.0452	157	-0.0738
44	0.2452	94	-0.0168	158	0.4782
45	0.2342	95	-0.3088	159	0.2272
46	0.2242	96	-0.3548	160	0.1982
47	0.2162	97	-0.2848	161	0.0912
48	0.2062	98	0.1642	162	0.3812
49	0.1862	99	0.1452	163	0.2642
50	0.1642	100	-0.0378	164	0.0542
51	0.1312	101	-0.1538	165	0.0172

ORF	CP	ORF	CP	ORF	CP
166	0.4392	217	-0.0018	268	0.0032
167	0.2892	218	0.0802	269	0.2602
168	0.2252	219	0.1302	270	0.3742
169	0.0902	220	0.1202	271	-0.1278
170	0.3002	221	-0.3288	272	-0.0748
171	0.2492	222	-0.1368	273	0.2972
172	0.0232	223	0.1252	274	0.3412
173	0.1592	224	0.1012	275	0.4812
174	0.0342	225	0.4102	276	0.3732
175	-0.1548	226	0.2852	277	0.2502
176	-0.3828	227	-0.6368	278	-0.3388
177	-0.1968	228	-0.5318	279	-0.3378
178	-0.2968	229	-0.4098	280	-0.3148
179	-0.1758	230	-0.2258	281	-0.2078
180	-0.3198	231	-0.0058	282	0.0002
181	0.3402	232	0.0882	283	0.1142
182	0.5092	233	0.1382	284	0.1692
183	0.5352	234	0.1362	285	0.1212
184	0.6702	235	-0.0468	286	-0.1448
185	0.7122	236	-0.1038	287	-0.1308
186	0.7392	237	0.0352	288	0.2722
187	0.8112	238	0.0972	289	0.3252
188	0.8662	239	0.3992	290	0.2772
189	0.9242	240	0.2912	291	-0.1998
190	-0.3138	241	-0.3888	292	0.1602
191	-0.3308	242	-0.4018	325	0.0632
192	-0.3218	244	-0.1978	326	0.0632
193	-0.3238	245	0.0242	327	0.0632
194	-0.3178	246	0.1022	328	0.0622
195	-0.3238	247	0.1382	329	0.0622
196	-0.3308	248	0.1402	330	0.0622
197	-0.3208	249	0.1152	331	0.0642
198	-0.3208	250	0.0652	332	0.0642
199	-0.3228	251	-0.3068	333	0.0622
200	-0.3148	252	0.0132	334	0.0632
201	-0.3048	253	0.3312	335	0.0632
202	-0.3048	254	0.2132	336	0.0632
203	-0.3048	255	-0.2618	337	0.0632
204	-0.3038	256	-0.2568	338	0.0642
205	0.3542	257	-0.2548	339	0.0632
206	0.4022	258	-0.2018	340	0.0612
207	0.3812	259	0.0112	341	0.0622
208	0.3712	260	0.1112	350	-0.1118
210	0.4352	261	0.1472	351	0.0632
211	0.4352	262	0.1412	352	0.0652
212	0.2972	263	-0.0028	353	0.0652
213	-0.5898	264	0.0422	354	0.0652
214	-0.4958	265	0.2442	355	0.0652
215	-0.3938	266	0.3062		
216	-0.1968	267	-0.0328		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 529
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 28.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.099
TUNNEL DYNAMIC PRESSURE(PSF) = 742.
TUNNEL STAGNATION PRESSURE(PSF) = 1871.
TUNNEL STATIC PRESSURE(PSF) = 877.
REYNOLDS NUMBER PER FOOT = 3.9890E 06
MODEL ANGLE OF ATTACK(DEG) = 0.10
FIN ANGLE(DEG) = -0.63
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 548.

SCANIVALUE	CP(REF)
147	0.9711
247	0.9701
347	0.9701
447	0.9711
547	0.9671
647	0.9661
747	0.9661

ORF	CP	ORF	CP	ORF	CP
1	0.2691	52	0.1061	102	-0.0759
2	-0.1279	53	-0.1109	103	-0.4629
3	-0.2419	54	-0.2439	104	-0.4449
4	-0.1119	55	0.2791	105	-0.2589
5	-0.0029	56	0.2581	110	-0.1859
6	0.0731	57	0.2521	111	-0.1869
7	0.1251	58	0.2371	112	-0.1509
8	0.1501	59	0.2211	113	-0.2189
9	0.1681	60	0.2021	114	-0.2449
10	0.1761	61	0.1751	115	-0.2449
11	0.1761	62	0.1431	116	-0.2169
12	0.1641	63	0.0821	117	-0.1589
13	0.1371	64	-0.2789	118	-0.1089
14	0.0121	65	-0.2759	119	-0.1109
15	-0.0579	66	0.2801	120	0.0371
16	-0.0189	67	0.2661	121	0.0361
17	-0.1149	68	0.2431	122	-0.0489
18	-0.0049	69	0.2191	123	-0.2399
19	0.1151	70	0.1971	124	-0.1179
20	0.1441	71	0.1651	125	-0.0849
21	0.1641	72	0.1201	126	-0.0409
22	0.1741	73	0.0391	127	-0.0659
23	0.1841	74	-0.2979	128	-0.2699
24	0.1881	75	0.2811	129	-0.1769
25	0.1821	76	0.2461	135	-0.0429
26	0.1661	77	0.2121	136	-0.0429
27	0.1301	78	0.1791	137	-0.0459
28	0.0031	79	0.1361	138	0.0431
29	-0.0959	80	0.0871	139	0.0431
30	-0.0019	81	-0.0289	140	0.0381
32	0.1791	82	-0.3099	141	0.1311
33	0.1821	83	0.2371	142	0.1311
34	0.1941	84	0.2151	143	0.1321
35	0.2041	85	0.1591	145	-0.0429
36	0.2061	86	0.1251	147	0.1311
37	0.1981	87	0.0811	151	0.1111
38	0.1831	88	-0.0019	152	-0.1569
39	0.1661	89	-0.3209	153	-0.2609
40	0.1241	90	0.1611	154	-0.4049
41	0.0191	91	0.1461	155	0.2181
42	-0.1549	92	0.1081	156	0.1901
43	0.2461	93	0.0691	157	0.0001
44	0.2361	94	0.0061	158	0.5081
45	0.2301	95	-0.3219	159	0.3551
46	0.2271	96	-0.2119	160	0.3031
47	0.2211	97	-0.2689	161	0.1861
48	0.2141	98	0.2351	162	0.4931
49	0.2041	99	0.2131	163	0.3991
50	0.1831	100	-0.0189	164	0.0501
51	0.1531	101	-0.1309	165	0.1111

ORF	CP	ORF	CP	ORF	CP
166	0.5681	217	0.0731	268	0.0001
167	0.3811	218	0.1271	269	0.2961
168	0.3301	219	0.1621	270	0.3771
169	0.1941	220	0.1411	271	-0.1049
170	0.4071	221	-0.3489	272	-0.0939
171	0.2731	222	-0.1739	273	0.3161
172	0.0361	223	0.1451	274	0.3791
173	0.1441	224	0.1201	275	0.5161
174	0.0201	225	0.3771	276	0.4871
175	-0.2399	226	0.2501	277	0.3611
176	-0.3929	227	-0.3399	278	-0.5549
177	-0.1249	228	-0.3299	279	-0.4679
178	-0.2539	229	-0.2649	280	-0.3959
179	-0.2019	230	-0.1219	281	-0.2559
180	-0.3299	231	0.0511	282	-0.0569
181	0.3641	232	0.1141	283	0.0761
182	0.5071	233	0.1531	284	0.1781
183	0.5351	234	0.1451	285	0.1561
184	0.6881	235	-0.0289	286	-0.1089
185	0.7611	236	-0.1189	287	-0.1279
186	0.8161	237	0.0241	288	0.3001
187	0.8941	238	0.0781	289	0.3811
188	0.9321	239	0.3741	290	0.3291
189	0.9731	240	0.2731	291	-0.2759
190	-0.3269	241	-0.3209	292	0.1611
191	-0.3409	242	-0.3169	325	0.0601
192	-0.3379	244	-0.1179	326	0.0601
193	-0.3349	245	0.0561	327	0.0591
194	-0.3289	246	0.1211	328	0.0601
195	-0.3369	247	0.1511	329	0.0601
196	-0.3409	248	0.1511	330	0.0611
197	-0.3259	249	0.1281	331	0.0611
198	-0.3259	250	0.0581	332	0.0601
199	-0.3279	251	-0.3159	333	0.0611
200	-0.3259	252	0.0501	334	0.0611
201	-0.3179	253	0.4121	335	0.0621
202	-0.3139	254	0.2841	336	0.0571
203	-0.3149	255	-0.4149	337	0.0601
204	-0.3109	256	-0.4049	338	0.0601
205	0.3701	257	-0.3559	339	0.0601
206	0.3931	258	-0.2539	340	0.0601
207	0.3941	259	-0.0569	341	0.0601
208	0.3921	260	0.0911	350	-0.1069
210	0.4401	261	0.1701	351	0.0581
211	0.4211	262	0.1791	352	0.0601
212	0.2991	263	0.0051	353	0.0591
213	-0.4669	264	0.0651	354	0.0591
214	-0.3529	265	0.2931	355	0.0581
215	-0.2969	266	0.3501		
216	-0.1109	267	-0.0289		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 530
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 28.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.103
TUNNEL DYNAMIC PRESSURE(PSF) = 743.
TUNNEL STAGNATION PRESSURE(PSF) = 1870.
TUNNEL STATIC PRESSURE(PSF) = 873.
REYNOLDS NUMBER PER FOOT = 3.9890E 06
MODEL ANGLE OF ATTACK(DEG) = 2.05
FIN ANGLE(DEG) = -0.60
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 547.

SCANIVALUE	CP(REF)
147	0.9740
247	0.9730
347	0.9740
447	0.9750
547	0.9730
647	0.9730
747	0.9720

ORF	CP	ORF	CP	ORF	CP
1	0.2600	52	0.0870	102	-0.0660
2	-0.1550	53	-0.1260	103	-0.4570
3	-0.3640	54	-0.1970	104	-0.4250
4	-0.1430	55	0.1780	105	-0.2550
5	0.0350	56	0.2180	110	-0.1780
6	0.1090	57	0.2220	111	-0.1810
7	0.1480	58	0.2070	112	-0.1450
8	0.1740	59	0.1970	113	-0.2130
9	0.1860	60	0.1840	114	-0.2470
10	0.1860	61	0.1580	115	-0.2390
11	0.1850	62	0.1230	116	-0.2090
12	0.1730	63	0.0660	117	-0.1550
13	0.1440	64	-0.2840	118	-0.1060
14	0.0120	65	-0.2710	119	-0.1010
15	-0.0540	66	0.1930	120	0.0360
16	-0.0280	67	0.2060	121	0.0180
17	-0.1540	68	0.2020	122	-0.0400
18	-0.1060	69	0.1880	123	-0.2410
19	0.0620	70	0.1670	124	-0.1070
20	0.1350	71	0.1410	125	-0.0830
21	0.1740	72	0.1000	126	-0.0340
22	0.1920	73	0.0210	127	-0.0650
23	0.1950	74	-0.2880	128	-0.2430
24	0.1970	75	0.2040	129	-0.1660
25	0.1850	76	0.1960	135	-0.0360
26	0.1640	77	0.1710	136	-0.0350
27	0.1240	78	0.1450	137	-0.0400
28	-0.0040	79	0.1160	138	0.0450
29	-0.0720	80	0.0820	139	0.0480
30	-0.0720	81	-0.0320	140	0.0300
32	0.1230	82	-0.2960	141	0.1370
33	0.1890	83	0.1540	142	0.1330
34	0.2010	84	0.1600	143	0.1350
35	0.2020	85	0.1290	145	-0.0340
36	0.2020	86	0.1220	147	0.1360
37	0.1940	87	0.0830	151	0.1910
38	0.1840	88	0.0010	152	-0.1140
39	0.1610	89	-0.3040	153	-0.2170
40	0.1130	90	0.1090	154	-0.3790
41	0.0030	91	0.1470	155	0.1470
42	-0.1160	92	0.1120	156	0.2190
43	0.0760	93	0.0780	157	0.0230
44	0.2150	94	0.0150	158	0.4660
45	0.2140	95	-0.3000	159	0.3450
46	0.2130	96	-0.0650	160	0.2780
47	0.2110	97	-0.2200	161	0.1440
48	0.2050	98	0.2820	162	0.4430
49	0.1910	99	0.2540	163	0.3460
50	0.1730	100	-0.0310	164	0.0450
51	0.1430	101	-0.1070	165	0.0760

ORF	CP	ORF	CP	ORF	CP
166	0.5480	217	0.1260	268	0.0460
167	0.3350	218	0.1550	269	0.3250
168	0.2890	219	0.1830	270	0.3780
169	0.1640	220	0.1570	271	-0.0900
170	0.4500	221	-0.3260	272	-0.0220
171	0.2380	222	-0.0960	273	0.3460
172	0.0180	223	0.0870	274	0.3800
173	0.1430	224	0.0670	275	0.4930
174	0.0340	225	0.3860	276	0.4800
175	-0.2280	226	0.2720	277	0.3400
176	-0.3540	227	-0.3680	278	-0.7060
177	-0.0500	228	-0.3230	279	-0.6340
178	-0.1820	229	-0.2600	280	-0.5630
179	-0.1610	230	-0.1060	281	-0.3290
180	-0.3190	231	0.0850	282	-0.0490
181	0.2650	232	0.1440	283	0.1090
182	0.4300	233	0.1880	284	0.1880
183	0.4730	234	0.1660	285	0.1590
184	0.6180	235	-0.0050	286	-0.0970
185	0.6910	236	-0.0890	287	-0.0950
186	0.7950	237	0.0110	288	0.3240
187	0.9010	238	0.0870	289	0.3820
188	0.9670	239	0.4550	290	0.3680
189	1.0000	240	0.3510	291	-0.5390
190	-0.3050	241	-0.6920	292	0.1360
191	-0.3300	242	-0.5870	325	0.0530
192	-0.3190	244	-0.2150	326	0.0520
193	-0.3250	245	0.0050	327	0.0520
194	-0.3080	246	0.1170	328	0.0530
195	-0.3230	247	0.1790	329	0.0540
196	-0.3270	248	0.1940	330	0.0540
197	-0.3100	249	0.1720	331	0.0530
198	-0.3120	250	0.0550	332	0.0530
199	-0.3140	251	-0.3060	333	0.0540
200	-0.3120	252	0.1000	334	0.0550
201	-0.3010	253	0.4780	335	0.0540
202	-0.2990	254	0.3620	336	0.0530
203	-0.2990	255	-0.8210	337	0.0540
204	-0.2970	256	-0.7510	338	0.0520
205	0.3950	257	-0.6320	339	0.0530
206	0.4170	258	-0.3990	340	0.0550
207	0.4180	259	-0.0300	341	0.0540
208	0.4270	260	0.1230	350	-0.1060
210	0.4130	261	0.1910	351	0.0500
211	0.3640	262	0.2000	352	0.0530
212	0.2660	263	0.0100	353	0.0560
213	-0.2830	264	0.1080	354	0.0560
214	-0.1340	265	0.3330	355	0.0550
215	-0.0010	266	0.3650		
216	0.0600	267	-0.0220		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 531
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 28.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.100
TUNNEL DYNAMIC PRESSURE(PSF) = 742.
TUNNEL STAGNATION PRESSURE(PSF) = 1870.
TUNNEL STATIC PRESSURE(PSF) = 876.
REYNOLDS NUMBER PER FOOT = 3.9870E 06
MODEL ANGLE OF ATTACK(DEG) = 3.98
FIN ANGLE(DEG) = -0.73
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 548.

SCANIVALUE	CP(REF)
147	0.9724
247	0.9714
347	0.9724
447	0.9724
547	0.9734
647	0.9734
747	0.9734

ORF	CP	ORF	CP	ORF	CP
1	0.2094	52	0.0744	102	-0.0426
2	-0.1316	53	-0.1346	103	-0.4456
3	-0.1796	54	-0.1706	104	-0.4046
4	-0.0756	55	-0.1146	105	-0.2416
5	0.0174	56	0.0694	110	-0.1876
6	0.0754	57	0.1634	111	-0.1946
7	0.1104	58	0.1794	112	-0.1586
8	0.1324	59	0.1744	113	-0.2236
9	0.1464	60	0.1604	114	-0.2406
10	0.1524	61	0.1384	115	-0.2456
11	0.1514	62	0.1094	116	-0.2236
12	0.1444	63	0.0534	117	-0.1716
13	0.1144	64	-0.2926	118	-0.1206
14	0.0084	65	-0.2706	119	-0.1056
15	-0.0396	66	-0.1336	120	0.0274
16	-0.0356	67	0.0364	121	0.0294
17	-0.0696	68	0.1284	122	-0.0446
18	-0.0266	69	0.1574	123	-0.2506
19	0.0524	70	0.1464	124	-0.1156
20	0.1044	71	0.1264	125	-0.0946
21	0.1284	72	0.0854	126	-0.0566
22	0.1454	73	0.0064	127	-0.0826
23	0.1544	74	-0.2806	128	-0.2506
24	0.1574	75	-0.1386	129	-0.1756
25	0.1494	76	0.0064	135	-0.0456
26	0.1354	77	0.1114	136	-0.0436
27	0.0944	78	0.1214	137	-0.0406
28	-0.0096	79	0.0994	138	0.0404
29	-0.0596	80	0.0764	139	0.0254
30	-0.0616	81	-0.0496	140	0.0304
32	0.0994	82	-0.2666	141	0.1274
33	0.1314	83	-0.1366	142	0.1264
34	0.1494	84	-0.0376	143	0.1314
35	0.1604	85	0.0644	145	-0.0416
36	0.1624	86	0.1074	147	0.1174
37	0.1584	87	0.0894	151	0.1764
38	0.1544	88	-0.0066	152	-0.0966
39	0.1304	89	-0.2716	153	-0.2136
40	0.0894	90	-0.1746	154	-0.3606
41	-0.0096	91	-0.0216	155	0.2044
42	-0.0886	92	0.0794	156	0.1954
43	-0.1206	93	0.0794	157	0.0044
44	0.1314	94	0.0034	158	0.4134
45	0.1664	95	-0.2516	159	0.3194
46	0.1744	96	0.1304	160	0.2394
47	0.1734	97	-0.1836	161	0.1084
48	0.1704	98	0.3394	162	0.4144
49	0.1634	99	0.3034	163	0.3194
50	0.1504	100	-0.0396	164	0.0234
51	0.1184	101	-0.0876	165	0.0584

ORF	CP	ORF	CP	ORF	CP
166	0.5224	217	0.2014	268	0.0724
167	0.3364	218	0.2204	269	0.2984
168	0.3044	219	0.2354	270	0.3534
169	0.1714	220	0.2034	271	-0.0686
170	0.4244	221	-0.3676	272	0.0214
171	0.2484	222	-0.1726	273	0.3264
172	0.0294	223	0.1024	274	0.3614
173	0.1694	224	0.1174	275	0.4604
174	0.0474	225	0.4534	276	0.4164
175	-0.1766	226	0.3374	277	0.2804
176	-0.3316	227	-0.3366	278	-0.5076
177	-0.0486	228	-0.3036	279	-0.4436
178	-0.1326	229	-0.2176	280	-0.3776
179	-0.0736	230	-0.0656	281	-0.1956
180	-0.3166	231	0.1264	282	0.0104
181	0.2334	232	0.1874	283	0.0884
182	0.3784	233	0.2214	284	0.1524
183	0.4214	234	0.2094	285	0.1334
184	0.5664	235	0.0084	286	-0.0776
185	0.6284	236	-0.0956	287	-0.0346
186	0.7334	237	0.0314	288	0.3254
187	0.7984	238	0.1184	289	0.3764
188	0.8724	239	0.4514	290	0.3294
189	0.8874	240	0.3434	291	-0.6576
190	-0.3056	241	-0.4796	292	0.1174
191	-0.3276	242	-0.4106	325	0.0394
192	-0.3186	244	-0.1386	326	0.0424
193	-0.3196	245	0.0564	327	0.0414
194	-0.3046	246	0.1324	328	0.0444
195	-0.3216	247	0.1824	329	0.0424
196	-0.3296	248	0.1964	330	0.0414
197	-0.3126	249	0.1744	331	0.0424
198	-0.3086	250	0.0454	332	0.0424
199	-0.3116	251	-0.3046	333	0.0454
200	-0.3096	252	0.0944	334	0.0434
201	-0.3006	253	0.4554	335	0.0424
202	-0.2966	254	0.3274	336	0.0384
203	-0.2986	255	-0.5126	337	0.0404
204	-0.2986	256	-0.4666	338	0.0404
205	0.4054	257	-0.4106	339	0.0424
206	0.4154	258	-0.2696	340	0.0454
207	0.4314	259	-0.0216	341	0.0434
208	0.4574	260	0.0924	350	-0.1136
210	0.3894	261	0.1684	351	0.0414
211	0.4784	262	0.1734	352	0.0434
212	0.3814	263	0.0244	353	0.0424
213	-0.2356	264	0.1094	354	0.0434
214	-0.0426	265	0.3034	355	0.0444
215	0.0224	266	0.3374		
216	0.1264	267	-0.0126		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 532
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 28.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.100
TUNNEL DYNAMIC PRESSURE(PSF) = 742.
TUNNEL STAGNATION PRESSURE(PSF) = 1870.
TUNNEL STATIC PRESSURE(PSF) = 876.
REYNOLDS NUMBER PER FOOT = 3.9880E 06
MODEL ANGLE OF ATTACK(DEG) = 5.99
FIN ANGLE(DEG) = -0.73
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 548.

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

ORF	CP	ORF	CP	ORF	CP
1	0.1054	52	0.0614	102	-0.0346
2	-0.1896	53	-0.1446	103	-0.4246
3	-0.2496	54	-0.1486	104	-0.3756
4	-0.1186	55	-0.3146	105	-0.2156
5	-0.0306	56	-0.2696	110	-0.1886
6	0.0344	57	-0.1706	111	-0.2126
7	0.0794	58	0.0184	112	-0.1886
8	0.1064	59	0.1644	113	-0.2426
9	0.1204	60	0.1814	114	-0.2376
10	0.1334	61	0.1534	115	-0.2556
11	0.1364	62	0.1164	116	-0.2376
12	0.1314	63	0.0594	117	-0.1956
13	0.1084	64	-0.2936	118	-0.1366
14	0.0084	65	-0.2776	119	-0.1146
15	-0.0356	66	-0.2526	120	0.0264
16	-0.1636	67	-0.2266	121	0.0254
17	-0.1916	68	-0.1766	122	-0.0446
18	-0.1006	69	-0.0776	123	-0.2736
19	-0.0156	70	0.0094	124	-0.1216
20	0.0474	71	0.0584	125	-0.0986
21	0.0934	72	0.0484	126	-0.0646
22	0.1174	73	-0.0136	127	-0.0866
23	0.1244	74	-0.2576	128	-0.2626
24	0.1264	75	-0.2416	129	-0.1826
25	0.1334	76	-0.2406	135	-0.0506
26	0.1194	77	-0.1976	136	-0.0476
27	0.0834	78	-0.1456	137	-0.0356
28	-0.0156	79	-0.0796	138	0.0334
29	-0.0596	80	-0.0426	139	0.0194
30	-0.3256	81	-0.1036	140	0.0214
32	-0.0226	82	-0.2086	141	0.1284
33	0.0854	83	-0.2126	142	0.1304
34	0.1244	84	-0.2456	143	0.1274
35	0.1364	85	-0.2196	145	-0.0436
36	0.1374	86	-0.1436	147	0.1324
37	0.1414	87	-0.1076	151	0.1894
38	0.1374	88	-0.1256	152	-0.0586
39	0.1154	89	-0.2046	153	-0.2006
40	0.0784	90	-0.2556	154	-0.3606
41	-0.0196	91	-0.2436	155	0.2894
42	-0.0796	92	-0.2216	156	0.1764
43	-0.4516	93	-0.1816	157	-0.0036
44	-0.2136	94	-0.1716	158	0.3934
45	0.1074	95	-0.1936	159	0.3294
46	0.1794	96	0.2434	160	0.2644
47	0.1724	97	-0.1696	161	0.1244
48	0.1634	98	0.4074	162	0.4484
49	0.1514	99	0.3554	163	0.3634
50	0.1394	100	-0.0526	164	0.0284
51	0.1074	101	-0.0776	165	0.1014

ORF	CP	ORF	CP	ORF	CP
166	0.5694	217	0.2594	268	0.0874
167	0.3934	218	0.2664	269	0.2884
168	0.3614	219	0.2584	270	0.3324
169	0.2344	220	0.2124	271	-0.0546
170	0.3954	221	-0.3436	272	0.0264
171	0.3254	222	-0.1576	273	0.3074
172	0.0974	223	0.0734	274	0.3564
173	0.2304	224	0.0774	275	0.4964
174	0.0924	225	0.4474	276	0.3744
175	-0.1056	226	0.3374	277	0.2464
176	-0.3246	227	-0.2736	278	-0.5956
177	-0.0346	228	-0.2546	279	-0.5376
178	-0.0816	229	-0.1916	280	-0.4346
179	0.0104	230	-0.0656	281	-0.2536
180	-0.3206	231	0.1434	282	-0.0456
181	0.2304	232	0.2194	283	0.0464
182	0.3734	233	0.2424	284	0.1304
183	0.3904	234	0.2164	285	0.1224
184	0.5604	235	0.0134	286	-0.0666
185	0.6334	236	-0.0806	287	-0.0226
186	0.6804	237	0.0234	288	0.3374
187	0.7534	238	0.1224	289	0.4144
188	0.7834	239	0.4684	290	0.3084
189	0.7794	240	0.3834	291	-0.5836
190	-0.3066	241	-0.4966	292	0.0924
191	-0.3286	242	-0.4436	325	0.0364
192	-0.3166	244	-0.1896	326	0.0374
193	-0.3216	245	0.0124	327	0.0354
194	-0.3046	246	0.1164	328	0.0364
195	-0.3206	247	0.1834	329	0.0354
196	-0.3326	248	0.1994	330	0.0354
197	-0.3126	249	0.1804	331	0.0384
198	-0.3106	250	0.0404	332	0.0364
199	-0.3106	251	-0.2996	333	0.0364
200	-0.3086	252	0.0974	334	0.0364
201	-0.2976	253	0.4064	335	0.0364
202	-0.3006	254	0.2864	336	0.0394
203	-0.2986	255	-0.6696	337	0.0374
204	-0.2966	256	-0.6096	338	0.0364
205	0.4454	257	-0.4586	339	0.0364
206	0.4734	258	-0.2696	340	0.0364
207	0.4874	259	-0.0496	341	0.0354
208	0.5054	260	0.0724	350	-0.1106
210	0.3864	261	0.1434	351	0.0374
211	0.4384	262	0.1604	352	0.0404
212	0.3424	263	0.0314	353	0.0404
213	-0.0896	264	0.1204	354	0.0394
214	0.0874	265	0.2874	355	0.0414
215	0.1704	266	0.3114		
216	0.2254	267	-0.0056		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 533
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 28.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.099
TUNNEL DYNAMIC PRESSURE(PSF) = 742.
TUNNEL STAGNATION PRESSURE(PSF) = 1871.
TUNNEL STATIC PRESSURE(PSF) = 877.
REYNOLDS NUMBER PER FOOT = 3.9870E 06
MODEL ANGLE OF ATTACK(DEG) = 7.94
FIN ANGLE(DEG) = -0.72
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 548.

SCANIVALUE	CP(REF)
147	0.9721
247	0.9701
347	0.9711
447	0.9721
547	0.9741
647	0.9731
747	0.9731

ORF	CP	ORF	CP	ORF	CP
1	-0.0189	52	0.0651	102	-0.0149
2	-0.3149	53	-0.1399	103	-0.3979
3	-0.3689	54	-0.1189	104	-0.3519
4	-0.2519	55	-0.4169	105	-0.1989
5	-0.1059	56	-0.4269	110	-0.1839
6	0.0321	57	-0.3769	111	-0.2219
7	0.0851	58	-0.2969	112	-0.2199
8	0.1371	59	-0.1389	113	-0.2599
9	0.1611	60	0.1161	114	-0.2259
10	0.1701	61	0.1831	115	-0.2769
11	0.1691	62	0.1521	116	-0.2649
12	0.1701	63	0.0841	117	-0.2199
13	0.1441	64	-0.2829	118	-0.1649
14	0.0161	65	-0.2439	119	-0.1439
15	-0.0319	66	-0.2979	120	0.0251
16	-0.3079	67	-0.3149	121	0.0251
17	-0.3069	68	-0.3229	122	-0.0559
18	-0.2689	69	-0.3199	123	-0.3089
19	-0.1279	70	-0.2979	124	-0.1429
20	-0.0229	71	-0.2229	125	-0.1139
21	0.0481	72	-0.1609	126	-0.0899
22	0.0951	73	-0.1259	127	-0.1049
23	0.1201	74	-0.2149	128	-0.2849
24	0.1341	75	-0.2899	129	-0.1819
25	0.1461	76	-0.3019	135	-0.0719
26	0.1411	77	-0.3039	136	-0.0519
27	0.1031	78	-0.2999	137	-0.0429
28	-0.0089	79	-0.2849	138	0.0341
29	-0.0519	80	-0.2649	139	0.0251
30	-0.5029	81	-0.2649	140	0.0251
32	-0.1529	82	-0.2189	141	0.1311
33	0.0111	83	-0.2589	142	0.1251
34	0.1031	84	-0.3269	143	0.1391
35	0.1411	85	-0.3289	145	-0.0669
36	0.1501	86	-0.3119	147	0.1341
37	0.1421	87	-0.2799	151	0.2111
38	0.1441	88	-0.2519	152	-0.0449
39	0.1211	89	-0.2039	153	-0.1879
40	0.0781	90	-0.3119	154	-0.3779
41	-0.0249	91	-0.2989	155	0.3301
42	-0.0649	92	-0.3019	156	0.2251
43	-0.5799	93	-0.3069	157	0.0341
44	-0.4749	94	-0.2899	158	0.4801
45	-0.3029	95	-0.2099	159	0.3861
46	-0.0069	96	0.3301	160	0.3121
47	0.1731	97	-0.1679	161	0.1651
48	0.1921	98	0.4691	162	0.5281
49	0.1721	99	0.4071	163	0.4141
50	0.1551	100	-0.0439	164	0.0151
51	0.1211	101	-0.0649	165	0.1531

ORF	CP	ORF	CP	ORF	CP
166	0.6801	217	0.3111	268	0.0801
167	0.4581	218	0.3261	269	0.3431
168	0.4211	219	0.3061	270	0.3851
169	0.2871	220	0.2571	271	-0.0339
170	0.4331	221	-0.3919	272	0.0051
171	0.3911	222	-0.2329	273	0.3671
172	0.1441	223	0.0731	274	0.4261
173	0.2641	224	0.1021	275	0.4431
174	0.1301	225	0.4721	276	0.3261
175	-0.0759	226	0.3621	277	0.2271
176	-0.3159	227	-0.1929	278	-0.6719
177	-0.0229	228	-0.1779	279	-0.5689
178	-0.1089	229	-0.1169	280	-0.4539
179	0.0161	230	0.0111	281	-0.2869
180	-0.3309	231	0.1731	282	-0.0719
181	0.2411	232	0.2401	283	0.0471
182	0.3941	233	0.2651	284	0.1601
183	0.3361	234	0.2421	285	0.1521
184	0.5201	235	0.0371	286	-0.0409
185	0.5851	236	-0.0909	287	-0.0559
186	0.6401	237	0.0241	288	0.3901
187	0.7111	238	0.1231	289	0.4821
188	0.7591	239	0.4091	290	0.3601
189	0.7421	240	0.3281	291	-0.4319
190	-0.3099	241	-0.4589	292	0.0551
191	-0.3379	242	-0.3639	325	0.0281
192	-0.3219	244	-0.0849	326	0.0291
193	-0.3279	245	0.0651	327	0.0271
194	-0.3139	246	0.1541	328	0.0261
195	-0.3339	247	0.2041	329	0.0281
196	-0.3459	248	0.2161	330	0.0291
197	-0.3199	249	0.1901	331	0.0291
198	-0.3189	250	0.0291	332	0.0281
199	-0.3189	251	-0.2929	333	0.0261
200	-0.3179	252	0.1261	334	0.0291
201	-0.3099	253	0.4031	335	0.0301
202	-0.3089	254	0.2971	336	0.0301
203	-0.3079	255	-0.7679	337	0.0301
204	-0.3059	256	-0.6689	338	0.0281
205	0.4571	257	-0.5249	339	0.0271
206	0.4821	258	-0.3179	340	0.0261
207	0.5061	259	-0.0259	341	0.0281
208	0.5311	260	0.0831	350	-0.1329
210	0.3491	261	0.1641	351	0.0301
211	0.5171	262	0.1881	352	0.0321
212	0.4321	263	0.0291	353	0.0331
213	-0.1279	264	0.1301	354	0.0301
214	0.0801	265	0.3281	355	0.0291
215	0.1741	266	0.3701		
216	0.2761	267	0.0061		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 534
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 28.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.105
TUNNEL DYNAMIC PRESSURE(PSF) = 744.
TUNNEL STAGNATION PRESSURE(PSF) = 1871.
TUNNEL STATIC PRESSURE(PSF) = 872.
REYNOLDS NUMBER PER FOOT = 3.9890E 06
MODEL ANGLE OF ATTACK(DEG) = 11.97
FIN ANGLE(DEG) = -0.71
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 548.

SCANIVALUE	CP(REF)
147	0.9740
247	0.9720
347	0.9730
447	0.9740
547	0.9770
647	0.9770
747	0.9760

ORF	CP	ORF	CP	ORF	CP
1	-0.1850	52	0.1800	102	0.0770
2	-0.4700	53	-0.0350	103	-0.3570
3	-0.4460	54	0.0660	104	-0.3280
4	-0.4680	55	-0.8020	105	-0.2300
5	-0.4540	56	-0.7700	110	-0.2210
6	-0.4350	57	-0.7140	111	-0.2380
7	-0.4070	58	-0.6460	112	-0.2490
8	-0.1060	59	-0.5710	113	-0.2980
9	0.1050	60	-0.4920	114	-0.2050
10	0.1750	61	-0.3350	115	-0.3110
11	0.2030	62	-0.0600	116	-0.2960
12	0.2170	63	0.2570	117	-0.2510
13	0.2030	64	0.1380	118	-0.2300
14	0.0580	65	0.1060	119	-0.1980
15	0.0280	66	-0.6030	120	-0.0110
16	-0.4370	67	-0.5840	121	-0.0130
17	-0.5000	68	-0.5940	122	-0.0980
18	-0.5350	69	-0.5720	123	-0.3420
19	-0.5370	70	-0.5410	124	-0.1620
20	-0.5150	71	-0.4960	125	-0.1340
21	-0.4470	72	-0.4250	126	-0.0990
22	-0.1690	73	-0.3460	127	-0.1190
23	-0.0130	74	-0.2480	128	-0.3250
24	0.0900	75	-0.3740	129	-0.2310
25	0.1370	76	-0.3520	135	-0.0940
26	0.1610	77	-0.3470	136	-0.0950
27	0.1480	78	-0.3990	137	-0.0920
28	0.0350	79	-0.3770	138	0.0390
29	0.0380	80	-0.3370	139	0.0390
30	-0.7170	81	-0.3050	140	0.0430
32	-0.5860	82	-0.2830	141	0.1180
33	-0.4930	83	-0.2240	142	0.1010
34	-0.4200	84	-0.2500	143	0.1270
35	-0.1630	85	-0.2430	145	-0.0940
36	0.0760	86	-0.2350	147	0.0990
37	0.1660	87	-0.2550	151	0.2950
38	0.1880	88	-0.2440	152	-0.0050
39	0.1700	89	-0.2210	153	-0.1490
40	0.1270	90	-0.1810	154	-0.3970
41	0.0350	91	-0.1690	155	0.4490
42	0.0420	92	-0.1720	156	0.2960
43	-0.8270	93	-0.1760	157	0.0620
44	-0.7980	94	-0.1890	158	0.5200
45	-0.7430	95	-0.1860	159	0.4730
46	-0.6010	96	0.3750	160	0.3980
47	-0.4280	97	-0.1300	161	0.2260
48	-0.2850	98	0.5620	162	0.6220
49	-0.0420	99	0.4930	163	0.5250
50	0.2250	100	-0.0010	164	0.0340
51	0.2400	101	0.0260	165	0.2130

ORF	CP	ORF	CP	ORF	CP
166	0.8120	217	0.4090	268	0.1720
167	0.5280	218	0.4010	269	0.4340
168	0.4930	219	0.3810	270	0.4330
169	0.3400	220	0.3450	271	0.0510
170	0.4930	221	-0.4550	272	0.0660
171	0.4750	222	-0.3230	273	0.4010
172	0.2030	223	0.0930	274	0.4350
173	0.3220	224	0.1530	275	0.5110
174	0.1970	225	0.5610	276	0.2670
175	-0.0240	226	0.3830	277	0.2350
176	-0.2860	227	-0.2490	278	-0.7770
177	0.0170	228	-0.1930	279	-0.7000
178	-0.1310	229	-0.1190	280	-0.5960
179	-0.0080	230	0.0500	281	-0.4360
180	-0.3500	231	0.1920	282	-0.4110
181	0.1350	232	0.2480	283	-0.4240
182	0.2510	233	0.2920	284	0.1370
183	0.2830	234	0.2900	285	0.2000
184	0.5100	235	0.0790	286	0.0450
185	0.6420	236	-0.0750	287	0.0100
186	0.7400	237	0.0010	288	0.4190
187	0.8100	238	0.1360	289	0.5600
188	0.8570	239	0.3410	290	0.4670
189	0.8590	240	0.3000	291	-0.7290
190	-0.3210	241	-0.7450	292	-0.0410
191	-0.3540	242	-0.6150	325	0.0060
192	-0.3350	244	-0.2770	326	0.0030
193	-0.3380	245	-0.0130	327	0.0030
194	-0.3290	246	0.1140	328	0.0040
195	-0.3470	247	0.2370	329	0.0050
196	-0.3630	248	0.2770	330	0.0030
197	-0.3380	249	0.2610	331	0.0040
198	-0.3340	250	0.0080	332	0.0040
199	-0.3340	251	-0.3020	333	0.0050
200	-0.3320	252	0.2080	334	0.0040
201	-0.3240	253	0.3940	335	0.0030
202	-0.3250	254	0.3330	336	0.0090
203	-0.3260	255	-0.8560	337	0.0070
204	-0.3270	256	-0.7730	338	0.0030
205	0.4880	257	-0.7100	339	0.0040
206	0.5720	258	-0.5920	340	0.0030
207	0.5680	259	-0.5020	341	0.0050
208	0.5980	260	-0.1660	350	-0.2030
210	0.2760	261	0.1530	351	0.0050
211	0.6980	262	0.2400	352	0.0080
212	0.5580	263	0.0940	353	0.0090
213	-0.1530	264	0.2190	354	0.0080
214	0.0870	265	0.4280	355	0.0080
215	0.1980	266	0.4670		
216	0.3590	267	0.0680		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 535
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 28.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.097
TUNNEL DYNAMIC PRESSURE(PSF) = 740.
TUNNEL STAGNATION PRESSURE(PSF) = 1869.
TUNNEL STATIC PRESSURE(PSF) = 879.
REYNOLDS NUMBER PER FOOT = 3.9810E 06
MODEL ANGLE OF ATTACK(DEG) = 14.11
FIN ANGLE(DEG) = -0.78
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 548.

SCANIVALUE	CP(REF)
147	0.9702
247	0.9692
347	0.9692
447	0.9702
547	0.9672
647	0.9672
747	0.9672

ORF	CP	ORF	CP	ORF	CP
1	-0.2918	52	0.2082	102	0.0762
2	-0.5418	53	0.0242	103	-0.4168
3	-0.4868	54	0.0922	104	-0.3348
4	-0.5058	55	-0.7498	105	-0.2358
5	-0.4908	56	-0.7558	110	-0.3028
6	-0.4718	57	-0.7658	111	-0.2878
7	-0.4508	58	-0.7638	112	-0.2748
8	-0.1668	59	-0.7398	113	-0.3188
9	0.0982	60	-0.6758	114	-0.2338
10	0.1532	61	-0.6038	115	-0.3478
11	0.1892	62	-0.4568	116	-0.3408
12	0.2002	63	-0.1918	117	-0.3038
13	0.1912	64	-0.0148	118	-0.2888
14	0.0512	65	-0.0148	119	-0.2348
15	0.0302	66	-0.5588	120	-0.0348
16	-0.5428	67	-0.5388	121	-0.0538
17	-0.6088	68	-0.5098	122	-0.1318
18	-0.6268	69	-0.5118	123	-0.3808
19	-0.6108	70	-0.5188	124	-0.1808
20	-0.5928	71	-0.5048	125	-0.1538
21	-0.5348	72	-0.4468	126	-0.1228
22	-0.2668	73	-0.3878	127	-0.1418
23	-0.0848	74	-0.3328	128	-0.3478
24	0.0372	75	-0.4178	129	-0.2428
25	0.1232	76	-0.3988	135	-0.1188
26	0.1652	77	-0.3798	136	-0.1228
27	0.1592	78	-0.3628	137	-0.1298
28	0.0492	79	-0.3418	138	0.0172
29	0.0552	80	-0.3228	139	0.0082
30	-0.7928	81	-0.2928	140	0.0182
32	-0.7368	82	-0.2748	141	0.1532
33	-0.6528	83	-0.2638	142	0.1182
34	-0.5188	84	-0.2948	143	0.1582
35	-0.2948	85	-0.2768	145	-0.1298
36	-0.0408	86	-0.2558	147	0.1222
37	0.0982	87	-0.2548	151	0.2762
38	0.1392	88	-0.2418	152	-0.0028
39	0.1362	89	-0.2358	153	-0.1598
40	0.1042	90	-0.2178	154	-0.4048
41	0.0302	91	-0.2018	155	0.4762
42	0.0462	92	-0.1948	156	0.2562
43	-0.8748	93	-0.1978	157	0.0392
44	-0.8698	94	-0.2038	158	0.5392
45	-0.8128	95	-0.2078	159	0.4612
46	-0.6768	96	0.4442	160	0.3662
47	-0.5648	97	-0.0928	161	0.1942
48	-0.4718	98	0.6072	162	0.6522
49	-0.3298	99	0.5272	163	0.5202
50	0.0222	100	0.0102	164	0.0182
51	0.2402	101	0.0212	165	0.2032

ORF	CP	ORF	CP	ORF	CP
166	0.8222	217	0.4502	268	0.1782
167	0.5352	218	0.4412	269	0.4252
168	0.4952	219	0.4132	270	0.4272
169	0.3412	220	0.3802	271	0.0402
170	0.4342	221	-0.5538	272	0.0732
171	0.4912	222	-0.2548	273	0.4012
172	0.2162	223	0.1072	274	0.4502
173	0.3442	224	0.1922	275	0.5742
174	0.2072	225	0.5952	276	0.1552
175	0.0092	226	0.3852	277	0.1562
176	-0.2838	227	-0.3028	278	-0.7998
177	-0.0148	228	-0.2248	279	-0.7338
178	-0.1208	229	-0.1408	280	-0.6428
179	0.0392	230	0.0172	281	-0.4938
180	-0.3768	231	0.1762	282	-0.4328
181	0.1232	232	0.2462	283	-0.4688
182	0.2392	233	0.2952	284	0.1092
183	0.3052	234	0.3032	285	0.1862
184	0.5072	235	0.1002	286	0.0362
185	0.5992	236	-0.0838	287	0.0232
186	0.6642	237	-0.0188	288	0.4192
187	0.7952	238	0.1422	289	0.5882
188	0.8582	239	0.3162	290	0.4432
189	0.8662	240	0.2552	291	-0.7918
190	-0.3318	241	-0.6988	292	-0.0868
191	-0.3638	242	-0.5518	325	-0.0118
192	-0.3428	244	-0.2718	326	-0.0088
193	-0.3478	245	-0.0648	327	-0.0118
194	-0.3398	246	0.0672	328	-0.0128
195	-0.3608	247	0.1992	329	-0.0108
196	-0.3808	248	0.2562	330	-0.0078
197	-0.3498	249	0.2492	331	-0.0078
198	-0.3488	250	-0.0098	332	-0.0108
199	-0.3458	251	-0.3078	333	-0.0118
200	-0.3488	252	0.1932	334	-0.0098
201	-0.3418	253	0.3222	335	-0.0078
202	-0.3408	254	0.2682	336	-0.0138
203	-0.3458	255	-0.8778	337	-0.0098
204	-0.3448	256	-0.8018	338	-0.0088
205	0.5072	257	-0.7428	339	-0.0118
206	0.5992	258	-0.6408	340	-0.0128
207	0.5852	259	-0.5388	341	-0.0108
208	0.6142	260	-0.2348	350	-0.2418
210	0.2402	261	0.1052	351	-0.0158
211	0.8362	262	0.2142	352	-0.0108
212	0.6592	263	0.0942	353	-0.0088
213	-0.3578	264	0.2112	354	-0.0108
214	-0.0828	265	0.4172	355	-0.0108
215	0.1012	266	0.4532		
216	0.3822	267	0.0622		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 536
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 28.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.103
TUNNEL DYNAMIC PRESSURE(PSF) = 742.
TUNNEL STAGNATION PRESSURE(PSF) = 1868.
TUNNEL STATIC PRESSURE(PSF) = 872.
REYNOLDS NUMBER PER FOOT = 3.9840E 06
MODEL ANGLE OF ATTACK(DEG) = 0.09
FIN ANGLE(DEG) = -0.80
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 548.

SCANIVALUE	CP(REF)
147	0.9758
247	0.9748
347	0.9758
447	0.9768
547	0.9698
647	0.9698
747	0.9698

ORF	CP	ORF	CP	ORF	CP
1	0.2688	52	0.1098	102	-0.0742
2	-0.1432	53	-0.1082	103	-0.4582
3	-0.2672	54	-0.2462	104	-0.4412
4	-0.1252	55	0.2838	105	-0.2542
5	-0.0032	56	0.2628	110	-0.1802
6	0.0758	57	0.2508	111	-0.1822
7	0.1258	58	0.2358	112	-0.1442
8	0.1448	59	0.2208	113	-0.2162
9	0.1708	60	0.2038	114	-0.2442
10	0.1798	61	0.1798	115	-0.2412
11	0.1808	62	0.1468	116	-0.2092
12	0.1678	63	0.0858	117	-0.1562
13	0.1478	64	-0.2752	118	-0.1082
14	0.0138	65	-0.2702	119	-0.1012
15	-0.0522	66	0.2848	120	0.0378
16	-0.0422	67	0.2658	121	0.0388
17	-0.1852	68	0.2418	122	-0.0522
18	-0.0652	69	0.2188	123	-0.2422
19	0.0978	70	0.1958	124	-0.1092
20	0.1498	71	0.1668	125	-0.0802
21	0.1668	72	0.1238	126	-0.0402
22	0.1818	73	0.0428	127	-0.0582
23	0.1868	74	-0.2932	128	-0.2622
24	0.1888	75	0.2808	129	-0.1722
25	0.1828	76	0.2508	135	-0.0422
26	0.1688	77	0.2128	136	-0.0442
27	0.1308	78	0.1818	137	-0.0442
28	0.0078	79	0.1378	138	0.0318
29	-0.0952	80	0.0918	139	0.0348
30	-0.0282	81	-0.0252	140	0.0438
32	0.1928	82	-0.3042	141	0.1318
33	0.1948	83	0.2358	142	0.1348
34	0.1978	84	0.2178	143	0.1358
35	0.2028	85	0.1588	145	-0.0422
36	0.1998	86	0.1278	147	0.1368
37	0.1928	87	0.0838	151	0.1158
38	0.1848	88	0.0028	152	-0.1502
39	0.1698	89	-0.3172	153	-0.2492
40	0.1308	90	0.1648	154	-0.4002
41	0.0258	91	0.1488	155	0.2148
42	-0.1572	92	0.1108	156	0.1968
43	0.2528	93	0.0738	157	0.0088
44	0.2358	94	0.0098	158	0.5068
45	0.2288	95	-0.3172	159	0.3678
46	0.2278	96	-0.2352	160	0.3068
47	0.2228	97	-0.2652	161	0.1918
48	0.2188	98	0.2348	162	0.4888
49	0.2028	99	0.2158	163	0.4038
50	0.1838	100	-0.0142	164	0.0258
51	0.1578	101	-0.1222	165	0.1138

ORF	CP	ORF	CP	ORF	CP
166	0.5598	217	0.0988	268	0.0038
167	0.3828	218	0.1338	269	0.2968
168	0.3358	219	0.1628	270	0.3788
169	0.1948	220	0.1448	271	-0.1022
170	0.4218	221	-0.3482	272	-0.0902
171	0.2648	222	-0.1692	273	0.3148
172	0.0418	223	0.1438	274	0.3768
173	0.1408	224	0.1178	275	0.5058
174	0.0258	225	0.3708	276	0.4888
175	-0.2312	226	0.2478	277	0.3568
176	-0.3842	227	-0.3442	278	-0.5542
177	-0.1232	228	-0.3192	279	-0.4992
178	-0.2492	229	-0.2802	280	-0.4302
179	-0.2122	230	-0.1442	281	-0.2662
180	-0.3222	231	0.0248	282	-0.0562
181	0.3538	232	0.1078	283	0.0848
182	0.5328	233	0.1488	284	0.1788
183	0.5328	234	0.1488	285	0.1558
184	0.6778	235	-0.0292	286	-0.1092
185	0.7478	236	-0.1172	287	-0.1272
186	0.8398	237	0.0258	288	0.2998
187	0.8968	238	0.0778	289	0.3838
188	0.9478	239	0.3868	290	0.3308
189	1.0068	240	0.2768	291	-0.2532
190	-0.3192	241	-0.3362	292	0.1618
191	-0.3352	242	-0.3242	325	0.0608
192	-0.3272	244	-0.1122	326	0.0628
193	-0.3282	245	0.0558	327	0.0618
194	-0.3182	246	0.1088	328	0.0618
195	-0.3262	247	0.1488	329	0.0628
196	-0.3312	248	0.1588	330	0.0618
197	-0.3202	249	0.1298	331	0.0628
198	-0.3212	250	0.0638	332	0.0618
199	-0.3202	251	-0.3152	333	0.0628
200	-0.3172	252	0.0528	334	0.0628
201	-0.3082	253	0.4028	335	0.0608
202	-0.3062	254	0.2808	336	0.0618
203	-0.3012	255	-0.4992	337	0.0618
204	-0.3022	256	-0.4172	338	0.0618
205	0.3738	257	-0.3622	339	0.0608
206	0.3968	258	-0.2752	340	0.0618
207	0.3958	259	-0.0532	341	0.0628
208	0.3948	260	0.0928	350	-0.1062
210	0.4288	261	0.1728	351	0.0618
211	0.3988	262	0.1818	352	0.0628
212	0.2838	263	0.0098	353	0.0638
213	-0.4572	264	0.0688	354	0.0628
214	-0.3102	265	0.2968	355	0.0618
215	-0.2542	266	0.3478		
216	-0.0502	267	-0.0252		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 537
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 27.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.050
TUNNEL DYNAMIC PRESSURE(PSF) = 720.
TUNNEL STAGNATION PRESSURE(PSF) = 1874.
TUNNEL STATIC PRESSURE(PSF) = 933.
REYNOLDS NUMBER PER FOOT = 3.9760E 06
MODEL ANGLE OF ATTACK(DEG) = -14.26
FIN ANGLE(DEG) = -0.81
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 546.

SCANIVALUE	CP(REF)
147	0.9212
247	0.9202
347	0.9212
447	0.9212
547	0.9172
647	0.9172
747	0.9162

ORF	CP	ORF	CP	ORF	CP
1	-0.0158	52	-0.1608	102	-0.3478
2	-0.2658	53	-0.3268	103	-0.6248
3	-0.2538	54	-0.3178	104	-0.6078
4	-0.1738	55	0.0592	105	-0.4908
5	-0.1238	56	0.0492	110	-0.3038
6	-0.1058	57	0.0262	111	-0.3048
7	-0.1008	58	0.0102	112	-0.3058
8	-0.1028	59	-0.0028	113	-0.3518
9	-0.1088	60	-0.0198	114	-0.3048
10	-0.1148	61	-0.0478	115	-0.3538
11	-0.1228	62	-0.0888	116	-0.3188
12	-0.1328	63	-0.1468	117	-0.2728
13	-0.1578	64	-0.3768	118	-0.3118
14	-0.2708	65	-0.3428	119	-0.2398
15	-0.3128	66	0.1342	120	-0.0058
16	-0.1278	67	0.1092	121	-0.0048
17	-0.1278	68	0.0852	122	-0.0918
18	-0.1328	69	0.0542	123	-0.3778
19	-0.1108	70	0.0212	124	-0.1818
20	-0.0998	71	-0.0068	125	-0.1548
21	-0.0988	72	-0.0518	126	-0.1008
22	-0.0998	73	-0.1468	127	-0.1338
23	-0.1038	74	-0.3248	128	-0.3738
24	-0.1078	75	0.2112	129	-0.3268
25	-0.1208	76	0.1672	135	-0.1048
26	-0.1348	77	0.1112	136	-0.1048
27	-0.1688	78	0.0702	137	-0.0948
28	-0.2708	79	0.0222	138	0.0342
29	-0.3258	80	-0.0458	139	0.0302
30	-0.0878	81	-0.1848	140	0.0232
32	-0.0748	82	-0.3398	141	0.1782
33	-0.0708	83	0.2232	142	0.1632
34	-0.0678	84	0.1812	143	0.1832
35	-0.0748	85	0.1122	145	-0.1048
36	-0.0828	86	0.0292	147	0.1632
37	-0.0988	87	-0.0568	151	-0.1138
38	-0.1058	88	-0.1758	152	-0.3068
39	-0.1248	89	-0.3738	153	-0.3148
40	-0.1648	90	0.2092	154	-0.3428
41	-0.2558	91	0.0372	155	-0.1218
42	-0.3188	92	-0.0738	156	-0.0988
43	0.0092	93	-0.1518	157	-0.2108
44	-0.0068	94	-0.2498	158	0.1792
45	-0.0128	95	-0.4508	159	0.0142
46	-0.0218	96	-0.3718	160	-0.0318
47	-0.0388	97	-0.4658	161	-0.1118
48	-0.0478	98	-0.2338	162	0.0992
49	-0.0578	99	-0.5288	163	0.0102
50	-0.0788	100	-0.6988	164	0.0222
51	-0.1148	101	-0.3738	165	-0.1888

ORF	CP	ORF	CP	ORF	CP
166	0.1122	217	-0.6488	268	-0.2428
167	-0.0048	218	-0.7048	269	0.0042
168	-0.0678	219	-0.6308	270	0.0862
169	-0.1798	220	-0.2498	271	-0.3518
170	-0.0668	221	-0.5758	272	-0.2988
171	-0.0768	222	-0.3558	273	0.0172
172	-0.2188	223	0.0682	274	0.0502
173	0.0092	224	0.0712	275	0.2102
174	-0.1338	225	0.2672	276	0.1872
175	-0.2408	226	0.1332	277	0.0482
176	-0.3208	227	-1.0058	278	-0.5798
177	-0.3268	228	-0.9498	279	-0.5408
178	-0.3898	229	-0.8908	280	-0.4718
179	-0.3358	230	-0.7738	281	-0.3158
180	-0.3538	231	-0.7308	282	-0.1378
181	0.2302	232	-0.7028	283	-0.1218
182	0.5122	233	-0.5368	284	-0.1118
183	0.8222	234	-0.2208	285	-0.1388
184	0.9702	235	-0.3248	286	-0.3708
185	0.9982	236	-0.3888	287	-0.3638
186	1.0882	237	-0.0528	288	-0.0228
187	1.2382	238	0.0072	289	0.0202
188	1.3002	239	0.1522	290	0.0182
189	1.2992	240	0.0572	291	-0.2308
190	-0.3048	241	-0.9118	292	0.1102
191	-0.2928	242	-0.8168	325	0.0212
192	-0.3268	244	-0.4918	326	0.0202
193	-0.3108	245	-0.3628	327	0.0182
194	-0.3318	246	-0.3198	328	0.0192
195	-0.2988	247	-0.2758	329	0.0202
196	-0.2968	248	-0.1658	330	0.0202
197	-0.3108	249	-0.1098	331	0.0212
198	-0.2898	250	0.0202	332	0.0192
199	-0.2818	251	-0.3088	333	0.0212
200	-0.3008	252	-0.1718	334	0.0202
201	-0.2768	253	0.1972	335	0.0222
202	-0.2868	254	0.0462	336	0.0222
203	-0.2678	255	-0.5678	337	0.0212
204	-0.2628	256	-0.5538	338	0.0192
205	0.1822	257	-0.5378	339	0.0172
206	0.2152	258	-0.4508	340	0.0192
207	0.2182	259	-0.2488	341	0.0202
208	0.2602	260	-0.1738	350	-0.2028
210	0.2302	261	-0.1608	351	0.0192
211	-0.2018	262	-0.1458	352	0.0202
212	-0.1998	263	-0.2708	353	0.0212
213	-0.9548	264	-0.1978	354	0.0202
214	-0.9408	265	-0.0008	355	0.0212
215	-0.8468	266	0.0352		
216	-0.7448	267	-0.2958		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 538
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 27.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.050
TUNNEL DYNAMIC PRESSURE(PSF) = 719.
TUNNEL STAGNATION PRESSURE(PSF) = 1873.
TUNNEL STATIC PRESSURE(PSF) = 933.
REYNOLDS NUMBER PER FOOT = 3.9730E 06
MODEL ANGLE OF ATTACK(DEG) = -12.12
FIN ANGLE(DEG) = -0.84
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 546.

SCANIVALUE	CP(REF)
147	0.9224
247	0.9224
347	0.9214
447	0.9224
547	0.9224
647	0.9224
747	0.9224

ORF	CP	ORF	CP	ORF	CP
1	-0.0716	52	-0.1206	102	-0.3236
2	-0.3056	53	-0.3026	103	-0.6186
3	-0.3166	54	-0.2896	104	-0.6076
4	-0.2626	55	0.1284	105	-0.4826
5	-0.1786	56	0.1044	110	-0.2176
6	-0.1126	57	0.0844	111	-0.2726
7	-0.0946	58	0.0744	112	-0.2806
8	-0.0806	59	0.0504	113	-0.3296
9	-0.0806	60	0.0344	114	-0.2856
10	-0.0786	61	-0.0016	115	-0.3326
11	-0.0866	62	-0.0436	116	-0.2976
12	-0.0966	63	-0.1156	117	-0.2386
13	-0.1226	64	-0.3496	118	-0.2526
14	-0.2336	65	-0.2996	119	-0.2116
15	-0.2866	66	0.1964	120	0.0114
16	-0.2306	67	0.1644	121	0.0134
17	-0.1806	68	0.1424	122	-0.0616
18	-0.1696	69	0.1114	123	-0.3596
19	-0.1276	70	0.0754	124	-0.1296
20	-0.1076	71	0.0384	125	-0.0986
21	-0.0826	72	-0.0176	126	-0.0446
22	-0.0736	73	-0.1166	127	-0.0756
23	-0.0706	74	-0.2966	128	-0.3376
24	-0.0736	75	0.2714	129	-0.2796
25	-0.0796	76	0.2114	135	-0.0646
26	-0.0996	77	0.1684	136	-0.0686
27	-0.1356	78	0.1154	137	-0.0666
28	-0.2396	79	0.0574	138	0.0504
29	-0.2996	80	-0.0196	139	0.0504
30	-0.1316	81	-0.1706	140	0.0524
32	-0.0716	82	-0.3146	141	0.2074
33	-0.0536	83	0.2524	142	0.2104
34	-0.0506	84	0.2114	143	0.2274
35	-0.0446	85	0.1374	145	-0.0696
36	-0.0436	86	0.0534	147	0.2064
37	-0.0526	87	-0.0396	151	-0.1266
38	-0.0636	88	-0.1646	152	-0.2946
39	-0.0876	89	-0.3616	153	-0.3166
40	-0.1246	90	0.2294	154	-0.3666
41	-0.2216	91	0.0524	155	-0.0376
42	-0.2976	92	-0.0546	156	-0.0326
43	0.0134	93	-0.1366	157	-0.1766
44	0.0154	94	-0.2326	158	0.2024
45	0.0194	95	-0.4466	159	0.0804
46	0.0174	96	-0.3876	160	0.0364
47	0.0054	97	-0.4916	161	-0.0636
48	-0.0016	98	-0.2326	162	0.1324
49	-0.0166	99	-0.6846	163	0.0404
50	-0.0366	100	-0.7926	164	0.0424
51	-0.0666	101	-0.3526	165	-0.1656

ORF	CP	ORF	CP	ORF	CP
166	0.1194	217	-0.5926	268	-0.2226
167	0.0304	218	-0.6456	269	0.0284
168	-0.0386	219	-0.4436	270	0.1044
169	-0.1596	220	-0.1466	271	-0.3296
170	-0.0206	221	-0.4916	272	-0.2956
171	-0.0446	222	-0.4026	273	0.0304
172	-0.1996	223	0.0584	274	0.0834
173	0.0534	224	0.0674	275	0.2584
174	-0.0876	225	0.2494	276	0.1754
175	-0.2256	226	0.1224	277	0.0384
176	-0.3076	227	-1.0046	278	-0.5836
177	-0.3196	228	-0.9406	279	-0.5446
178	-0.4266	229	-0.8706	280	-0.4786
179	-0.3626	230	-0.7236	281	-0.3366
180	-0.3406	231	-0.6486	282	-0.2206
181	0.2594	232	-0.5186	283	-0.1306
182	0.5424	233	-0.3886	284	-0.0716
183	0.7894	234	-0.1226	285	-0.0996
184	0.9354	235	-0.3396	286	-0.3406
185	0.9584	236	-0.3066	287	-0.3496
186	1.0424	237	-0.0476	288	0.0004
187	1.2044	238	0.0174	289	0.0524
188	1.2864	239	0.1944	290	0.0444
189	1.2944	240	0.0884	291	-0.2656
190	-0.3076	241	-0.7746	292	0.1304
191	-0.2976	242	-0.7046	325	0.0384
192	-0.2986	244	-0.4126	326	0.0364
193	-0.3046	245	-0.3166	327	0.0384
194	-0.3236	246	-0.2676	328	0.0374
195	-0.2896	247	-0.2126	329	0.0364
196	-0.2916	248	-0.1216	330	0.0374
197	-0.2986	249	-0.1106	331	0.0384
198	-0.2836	250	0.0394	332	0.0384
199	-0.2806	251	-0.3016	333	0.0394
200	-0.2876	252	-0.1546	334	0.0374
201	-0.2676	253	0.2384	335	0.0384
202	-0.2746	254	0.0884	336	0.0384
203	-0.2586	255	-0.5496	337	0.0374
204	-0.2596	256	-0.5616	338	0.0374
205	0.2374	257	-0.5416	339	0.0394
206	0.2614	258	-0.4836	340	0.0374
207	0.2744	259	-0.3246	341	0.0364
208	0.3254	260	-0.1896	350	-0.1666
210	0.2874	261	-0.1196	351	0.0364
211	-0.1226	262	-0.1066	352	0.0424
212	-0.1156	263	-0.2386	353	0.0404
213	-0.9276	264	-0.1726	354	0.0394
214	-0.8926	265	0.0304	355	0.0394
215	-0.7956	266	0.0704		
216	-0.6446	267	-0.2616		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 539
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 27.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.053
TUNNEL DYNAMIC PRESSURE(PSF) = 722.
TUNNEL STAGNATION PRESSURE(PSF) = 1874.
TUNNEL STATIC PRESSURE(PSF) = 930.
REYNOLDS NUMBER PER FOOT = 3.9820E 06
MODEL ANGLE OF ATTACK(DEG) = -8.06
FIN ANGLE(DEG) = -0.88
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 546.

SCANIVALUE	CP(REF)
147	0.9249
247	0.9239
347	0.9249
447	0.9259
547	0.9249
647	0.9239
747	0.9239

ORF	CP	ORF	CP	ORF	CP
1	-0.0151	52	-0.0321	102	-0.2511
2	-0.2251	53	-0.2321	103	-0.6341
3	-0.2671	54	-0.2221	104	-0.6231
4	-0.2151	55	0.2759	105	-0.4931
5	-0.1591	56	0.2369	110	-0.1951
6	-0.0731	57	0.2079	111	-0.2431
7	-0.0191	58	0.1759	112	-0.2301
8	0.0179	59	0.1479	113	-0.2691
9	0.0339	60	0.1159	114	-0.2681
10	0.0399	61	0.0829	115	-0.2641
11	0.0329	62	0.0389	116	-0.2261
12	0.0169	63	-0.0341	117	-0.1891
13	-0.0141	64	-0.3371	118	-0.1471
14	-0.1321	65	-0.2611	119	-0.1471
15	-0.1931	66	0.3189	120	0.0249
16	-0.1111	67	0.2629	121	0.0259
17	-0.1241	68	0.2239	122	-0.0431
18	-0.0911	69	0.1869	123	-0.2771
19	-0.0501	70	0.1469	124	-0.1011
20	-0.0061	71	0.1029	125	-0.0561
21	0.0239	72	0.0509	126	-0.0041
22	0.0459	73	-0.0451	127	-0.0431
23	0.0479	74	-0.3091	128	-0.2831
24	0.0429	75	0.3309	129	-0.2081
25	0.0349	76	0.2589	135	-0.0351
26	0.0119	77	0.2059	136	-0.0391
27	-0.0331	78	0.1589	137	-0.0351
28	-0.1461	79	0.1029	138	0.0459
29	-0.2111	80	0.0249	139	0.0309
30	0.0179	81	-0.1201	140	0.0499
32	0.0449	82	-0.3811	141	0.2149
33	0.0639	83	0.2839	142	0.2279
34	0.0699	84	0.2359	143	0.2299
35	0.0739	85	0.1579	145	-0.0411
36	0.0729	86	0.0679	147	0.2229
37	0.0629	87	-0.0211	151	-0.0581
38	0.0459	88	-0.1271	152	-0.2711
39	0.0209	89	-0.4321	153	-0.3061
40	-0.0251	90	0.2429	154	-0.3611
41	-0.1301	91	0.0499	155	0.0029
42	-0.2141	92	-0.0521	156	0.0369
43	0.1709	93	-0.1221	157	-0.1261
44	0.1559	94	-0.2031	158	0.2939
45	0.1479	95	-0.5001	159	0.1369
46	0.1379	96	-0.6571	160	0.0919
47	0.1249	97	-0.4661	161	-0.0101
48	0.1129	98	-0.2911	162	0.2329
49	0.0909	99	-0.5731	163	0.1159
50	0.0639	100	-0.5301	164	0.0279
51	0.0239	101	-0.2781	165	-0.1181

ORF	CP	ORF	CP	ORF	CP
166	0.1759	217	-0.2931	268	-0.1451
167	0.0829	218	-0.1711	269	0.1139
168	0.0119	219	-0.1091	270	0.1939
169	-0.1201	220	-0.0901	271	-0.2511
170	0.0049	221	-0.4491	272	-0.2291
171	0.0109	222	-0.2901	273	0.1239
172	-0.1531	223	0.0209	274	0.1839
173	0.0879	224	-0.0041	275	0.4059
174	-0.0851	225	0.2319	276	0.2179
175	-0.2261	226	0.0909	277	0.0909
176	-0.3311	227	-0.8651	278	-0.4941
177	-0.2651	228	-0.8061	279	-0.4681
178	-0.3711	229	-0.7151	280	-0.4571
179	-0.3311	230	-0.4861	281	-0.3721
180	-0.3191	231	-0.2711	282	-0.2111
181	0.2699	232	-0.1761	283	-0.0521
182	0.4989	233	-0.1141	284	0.0469
183	0.6859	234	-0.0851	285	0.0069
184	0.8389	235	-0.2401	286	-0.2701
185	0.8709	236	-0.2741	287	-0.2671
186	0.9419	237	-0.1061	288	0.0869
187	1.0769	238	-0.0591	289	0.1289
188	1.1919	239	0.3149	290	0.1389
189	1.2439	240	0.2019	291	-0.2661
190	-0.3331	241	-0.6421	292	0.1079
191	-0.2901	242	-0.6961	325	0.0449
192	-0.3431	244	-0.4811	326	0.0479
193	-0.3381	245	-0.2321	327	0.0449
194	-0.3211	246	-0.1351	328	0.0419
195	-0.2781	247	-0.0601	329	0.0439
196	-0.3081	248	-0.0391	330	0.0459
197	-0.3041	249	-0.0481	331	0.0489
198	-0.2911	250	0.0459	332	0.0449
199	-0.2931	251	-0.2991	333	0.0429
200	-0.2801	252	-0.0951	334	0.0449
201	-0.2701	253	0.2829	335	0.0469
202	-0.2811	254	0.1439	336	0.0439
203	-0.2671	255	-0.4551	337	0.0449
204	-0.2661	256	-0.4541	338	0.0479
205	0.3209	257	-0.4511	339	0.0449
206	0.3439	258	-0.4261	340	0.0419
207	0.3449	259	-0.2551	341	0.0439
208	0.3599	260	-0.1031	350	-0.1181
210	0.3719	261	0.0079	351	0.0449
211	0.1079	262	0.0089	352	0.0459
212	0.0059	263	-0.1431	353	0.0479
213	-0.8601	264	-0.0941	354	0.0469
214	-0.7821	265	0.1179	355	0.0469
215	-0.6721	266	0.1629		
216	-0.4501	267	-0.1681		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 540
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 27.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.046
TUNNEL DYNAMIC PRESSURE(PSF) = 718.
TUNNEL STAGNATION PRESSURE(PSF) = 1875.
TUNNEL STATIC PRESSURE(PSF) = 938.
REYNOLDS NUMBER PER FOOT = 3.9810E 06
MODEL ANGLE OF ATTACK(DEG) = -6.06
FIN ANGLE(DEG) = -0.91
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 546.

SCANIVALUE	CP(REF)
147	0.9166
247	0.9156
347	0.9166
447	0.9176
547	0.9116
647	0.9126
747	0.9126

ORF	CP	ORF	CP	ORF	CP
1	0.0316	52	-0.0134	102	-0.2234
2	-0.2324	53	-0.2214	103	-0.6554
3	-0.2884	54	-0.2114	104	-0.6324
4	-0.2084	55	0.2696	105	-0.4824
5	-0.1264	56	0.2296	110	-0.2084
6	-0.0414	57	0.2036	111	-0.2344
7	0.0106	58	0.1776	112	-0.1874
8	0.0386	59	0.1556	113	-0.2394
9	0.0496	60	0.1266	114	-0.2654
10	0.0516	61	0.0936	115	-0.2544
11	0.0436	62	0.0526	116	-0.2124
12	0.0306	63	-0.0134	117	-0.1694
13	0.0016	64	-0.3584	118	-0.1204
14	-0.1184	65	-0.2784	119	-0.1244
15	-0.1664	66	0.3046	120	0.0186
16	-0.0734	67	0.2476	121	0.0186
17	-0.0954	68	0.2126	122	-0.0414
18	-0.0684	69	0.1786	123	-0.2614
19	-0.0334	70	0.1476	124	-0.0934
20	0.0056	71	0.1106	125	-0.0514
21	0.0336	72	0.0626	126	0.0016
22	0.0496	73	-0.0294	127	-0.0384
23	0.0546	74	-0.3454	128	-0.2724
24	0.0516	75	0.3146	129	-0.1884
25	0.0436	76	0.2536	135	-0.0314
26	0.0236	77	0.1996	136	-0.0334
27	-0.0164	78	0.1516	137	-0.0334
28	-0.1274	79	0.0956	138	0.0296
29	-0.1844	80	0.0206	139	0.0206
30	0.0336	81	-0.1184	140	0.0396
32	0.0486	82	-0.4064	141	0.2166
33	0.0656	83	0.2776	142	0.2246
34	0.0756	84	0.2306	143	0.2196
35	0.0776	85	0.1496	145	-0.0294
36	0.0786	86	0.0596	147	0.2196
37	0.0686	87	-0.0244	151	-0.0334
38	0.0556	88	-0.1274	152	-0.2584
39	0.0326	89	-0.4424	153	-0.2894
40	-0.0104	90	0.2256	154	-0.3334
41	-0.1144	91	0.0466	155	-0.0234
42	-0.1894	92	-0.0384	156	-0.0154
43	0.1696	93	-0.1014	157	-0.1494
44	0.1556	94	-0.1874	158	0.3156
45	0.1466	95	-0.4884	159	0.1076
46	0.1396	96	-0.6834	160	0.0736
47	0.1296	97	-0.3644	161	-0.0234
48	0.1156	98	-0.2034	162	0.2626
49	0.0966	99	-0.3864	163	0.1436
50	0.0726	100	-0.3684	164	0.0166
51	0.0366	101	-0.2534	165	-0.0994

ORF	CP	ORF	CP	ORF	CP
166	0.2286	217	-0.2694	268	-0.1164
167	0.1196	218	-0.1984	269	0.1336
168	0.0446	219	-0.0904	270	0.2296
169	-0.0884	220	-0.0634	271	-0.2314
170	0.0166	221	-0.3954	272	-0.1984
171	0.0496	222	-0.2434	273	0.1506
172	-0.1254	223	0.0116	274	0.2146
173	0.1076	224	0.0016	275	0.4286
174	-0.0684	225	0.3076	276	0.2386
175	-0.2154	226	0.1766	277	0.1146
176	-0.3344	227	-1.0114	278	-0.4784
177	-0.2524	228	-0.9444	279	-0.4824
178	-0.3554	229	-0.8794	280	-0.4414
179	-0.2924	230	-0.6274	281	-0.3664
180	-0.3074	231	-0.2364	282	-0.1534
181	0.2246	232	-0.1504	283	-0.0164
182	0.4326	233	-0.0664	284	0.0546
183	0.5966	234	-0.0324	285	0.0176
184	0.7366	235	-0.1994	286	-0.2524
185	0.7716	236	-0.2174	287	-0.2344
186	0.8246	237	-0.0554	288	0.1316
187	0.9426	238	0.0126	289	0.1686
188	1.0396	239	0.4106	290	0.1526
189	1.1216	240	0.2876	291	-0.2924
190	-0.3094	241	-0.9484	292	0.0846
191	-0.2884	242	-0.8684	325	0.0416
192	-0.3204	244	-0.5784	326	0.0406
193	-0.3164	245	-0.2194	327	0.0416
194	-0.2934	246	-0.0814	328	0.0416
195	-0.2934	247	-0.0024	329	0.0426
196	-0.3154	248	0.0266	330	0.0386
197	-0.3034	249	0.0106	331	0.0396
198	-0.3004	250	0.0326	332	0.0416
199	-0.3034	251	-0.3114	333	0.0426
200	-0.2984	252	-0.0854	334	0.0426
201	-0.2744	253	0.3026	335	0.0396
202	-0.2914	254	0.1396	336	0.0436
203	-0.2854	255	-0.4464	337	0.0416
204	-0.2794	256	-0.4584	338	0.0416
205	0.3236	257	-0.4434	339	0.0416
206	0.3536	258	-0.4204	340	0.0416
207	0.3446	259	-0.2194	341	0.0426
208	0.3526	260	-0.0534	350	-0.1114
210	0.4156	261	0.0266	351	0.0316
211	0.2476	262	0.0296	352	0.0336
212	0.1046	263	-0.1104	353	0.0336
213	-0.8674	264	-0.0714	354	0.0336
214	-0.8434	265	0.1146	355	0.0336
215	-0.7534	266	0.1696		
216	-0.4834	267	-0.1424		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 541
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 27.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.052
TUNNEL DYNAMIC PRESSURE(PSF) = 721.
TUNNEL STAGNATION PRESSURE(PSF) = 1875.
TUNNEL STATIC PRESSURE(PSF) = 931.
REYNOLDS NUMBER PER FOOT = 3.9830E 06
MODEL ANGLE OF ATTACK(DEG) = -4.00
FIN ANGLE(DEG) = -0.93
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 546.

SCANIVALUE	CP(REF)
147	0.9227
247	0.9217
347	0.9217
447	0.9227
547	0.9197
647	0.9197
747	0.9197

ORF	CP	ORF	CP	ORF	CP
1	0.0677	52	0.0037	102	-0.2043
2	-0.1653	53	-0.2013	103	-0.6233
3	-0.2153	54	-0.1993	104	-0.5863
4	-0.1443	55	0.2797	105	-0.4313
5	-0.0433	56	0.2447	110	-0.1973
6	0.0257	57	0.2207	111	-0.2093
7	0.0597	58	0.1917	112	-0.1563
8	0.0797	59	0.1667	113	-0.2103
9	0.0887	60	0.1417	114	-0.2533
10	0.0877	61	0.1077	115	-0.2233
11	0.0797	62	0.0647	116	-0.1853
12	0.0637	63	-0.0043	117	-0.1393
13	0.0337	64	-0.3433	118	-0.0983
14	-0.0893	65	-0.2813	119	-0.0943
15	-0.1443	66	0.3037	120	0.0367
16	-0.0233	67	0.2487	121	0.0367
17	-0.0373	68	0.2127	122	-0.0213
18	-0.0123	69	0.1797	123	-0.2353
19	0.0267	70	0.1477	124	-0.0873
20	0.0557	71	0.1107	125	-0.0483
21	0.0807	72	0.0647	126	0.0067
22	0.0917	73	-0.0223	127	-0.0283
23	0.0937	74	-0.3563	128	-0.2513
24	0.0907	75	0.2987	129	-0.1633
25	0.0787	76	0.2407	135	-0.0053
26	0.0577	77	0.1947	136	-0.0053
27	0.0157	78	0.1527	137	-0.0093
28	-0.1003	79	0.0977	138	0.0437
29	-0.1663	80	0.0237	139	0.0377
30	0.0697	81	-0.1053	140	0.0387
32	0.0947	82	-0.4033	141	0.2177
33	0.1027	83	0.2517	142	0.2177
34	0.1097	84	0.2067	143	0.2187
35	0.1147	85	0.1267	145	-0.0083
36	0.1147	86	0.0427	147	0.2167
37	0.1047	87	-0.0283	151	-0.0323
38	0.0887	88	-0.1203	152	-0.2423
39	0.0597	89	-0.4323	153	-0.2873
40	0.0157	90	0.1877	154	-0.3553
41	-0.0843	91	0.0247	155	0.0437
42	-0.1723	92	-0.0363	156	0.0157
43	0.1977	93	-0.0753	157	-0.1353
44	0.1837	94	-0.1383	158	0.3577
45	0.1747	95	-0.4303	159	0.1347
46	0.1707	96	-0.6193	160	0.1077
47	0.1557	97	-0.3583	161	0.0127
48	0.1427	98	0.0277	162	0.2767
49	0.1197	99	-0.0283	163	0.1537
50	0.0977	100	-0.1473	164	0.0417
51	0.0607	101	-0.2323	165	-0.0753

ORF	CP	ORF	CP	ORF	CP
166	0.2667	217	-0.2063	268	-0.0833
167	0.1527	218	-0.0873	269	0.1727
168	0.0787	219	0.0267	270	0.2687
169	-0.0523	220	0.0227	271	-0.2193
170	0.0917	221	-0.4163	272	-0.1473
171	0.1307	222	-0.2443	273	0.1957
172	-0.0843	223	0.0637	274	0.2457
173	0.1107	224	0.0557	275	0.4647
174	-0.0483	225	0.3797	276	0.2817
175	-0.1913	226	0.2427	277	0.1577
176	-0.3453	227	-0.9813	278	-0.4323
177	-0.2573	228	-0.8853	279	-0.4303
178	-0.3643	229	-0.8233	280	-0.4023
179	-0.2803	230	-0.5953	281	-0.3003
180	-0.3043	231	-0.1473	282	-0.0803
181	0.2847	232	-0.0303	283	0.0357
182	0.4657	233	0.0397	284	0.0947
183	0.5547	234	0.0517	285	0.0517
184	0.6937	235	-0.1513	286	-0.2323
185	0.7307	236	-0.1953	287	-0.2103
186	0.7507	237	-0.0203	288	0.1627
187	0.8277	238	0.0517	289	0.2087
188	0.9157	239	0.3957	290	0.1947
189	0.9847	240	0.2887	291	-0.2773
190	-0.2993	241	-0.7503	292	0.1067
191	-0.3083	242	-0.7403	325	0.0477
192	-0.3173	244	-0.3973	326	0.0487
193	-0.3193	245	-0.1613	327	0.0487
194	-0.3073	246	-0.0223	328	0.0487
195	-0.3053	247	0.0577	329	0.0497
196	-0.3253	248	0.0737	330	0.0497
197	-0.3093	249	0.0457	331	0.0497
198	-0.3073	250	0.0467	332	0.0497
199	-0.3043	251	-0.3003	333	0.0507
200	-0.2983	252	-0.0613	334	0.0507
201	-0.2903	253	0.3077	335	0.0497
202	-0.2893	254	0.1667	336	0.0487
203	-0.2913	255	-0.3553	337	0.0487
204	-0.2883	256	-0.3663	338	0.0487
205	0.3407	257	-0.3663	339	0.0497
206	0.3787	258	-0.3463	340	0.0487
207	0.3617	259	-0.1593	341	0.0497
208	0.3647	260	-0.0003	350	-0.0923
210	0.4467	261	0.0737	351	0.0467
211	0.3577	262	0.0677	352	0.0507
212	0.1987	263	-0.0833	353	0.0497
213	-0.8233	264	-0.0453	354	0.0487
214	-0.7673	265	0.1507	355	0.0487
215	-0.6823	266	0.2127		
216	-0.4583	267	-0.1163		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 542
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 27.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.057
TUNNEL DYNAMIC PRESSURE(PSF) = 724.
TUNNEL STAGNATION PRESSURE(PSF) = 1876.
TUNNEL STATIC PRESSURE(PSF) = 926.
REYNOLDS NUMBER PER FOOT = 3.9900E 06
MODEL ANGLE OF ATTACK(DEG) = -1.91
FIN ANGLE(DEG) = -0.98
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 546.

SCANIVALUE	CP(REF)
147	0.9270
247	0.9260
347	0.9260
447	0.9270
547	0.9350
647	0.9360
747	0.9360

ORF	CP	ORF	CP	ORF	CP
1	0.1120	52	0.0230	102	-0.1780
2	-0.1430	53	-0.1920	103	-0.5830
3	-0.1970	54	-0.2290	104	-0.5450
4	-0.1180	55	0.2530	105	-0.3750
5	-0.0270	56	0.2190	110	-0.1690
6	0.0410	57	0.2030	111	-0.1830
7	0.0810	58	0.1820	112	-0.1360
8	0.1010	59	0.1640	113	-0.1830
9	0.1110	60	0.1420	114	-0.2180
10	0.1070	61	0.1110	115	-0.2090
11	0.1000	62	0.0760	116	-0.1680
12	0.0850	63	0.0130	117	-0.1090
13	0.0530	64	-0.3560	118	-0.0560
14	-0.0750	65	-0.3210	119	-0.0500
15	-0.1310	66	0.2650	120	0.0610
16	-0.0330	67	0.2220	121	0.0620
17	-0.0450	68	0.1940	122	0.0110
18	-0.0030	69	0.1680	123	-0.2020
19	0.0310	70	0.1390	124	-0.0620
20	0.0720	71	0.1100	125	-0.0200
21	0.0950	72	0.0660	126	0.0220
22	0.1080	73	-0.0160	127	-0.0000
23	0.1120	74	-0.3700	128	-0.2290
24	0.1070	75	0.2610	129	-0.1340
25	0.0970	76	0.2210	135	0.0260
26	0.0760	77	0.1810	136	0.0270
27	0.0360	78	0.1410	137	0.0260
28	-0.0860	79	0.0870	138	0.0700
29	-0.1520	80	0.0220	139	0.0640
30	0.0710	81	-0.0890	140	0.0650
32	0.1000	82	-0.3880	141	0.2440
33	0.1180	83	0.2180	142	0.2460
34	0.1250	84	0.1800	143	0.2490
35	0.1280	85	0.1060	145	0.0250
36	0.1280	86	0.0420	147	0.2490
37	0.1180	87	-0.0020	151	-0.0150
38	0.1050	88	-0.0870	152	-0.2200
39	0.0790	89	-0.3990	153	-0.2950
40	0.0330	90	0.1430	154	-0.3620
41	-0.0700	91	0.0440	155	0.1420
42	-0.1700	92	0.0130	156	0.0490
43	0.2030	93	-0.0250	157	-0.1160
44	0.1900	94	-0.0880	158	0.4380
45	0.1790	95	-0.3820	159	0.1930
46	0.1750	96	-0.3980	160	0.1580
47	0.1630	97	-0.3610	161	0.0490
48	0.1480	98	0.1010	162	0.3500
49	0.1310	99	0.0770	163	0.2280
50	0.1100	100	-0.1130	164	0.0650
51	0.0740	101	-0.2120	165	-0.0170

ORF	CP	ORF	CP	ORF	CP
166	0.3900	217	-0.0770	268	-0.0560
167	0.2500	218	0.0150	269	0.2200
168	0.1830	219	0.0790	270	0.3300
169	0.0470	220	0.0670	271	-0.1860
170	0.2260	221	-0.3930	272	-0.1420
171	0.1990	222	-0.2170	273	0.2530
172	-0.0310	223	0.0890	274	0.2980
173	0.1100	224	0.0640	275	0.5040
174	-0.0190	225	0.4070	276	0.3510
175	-0.1900	226	0.2680	277	0.2250
176	-0.3650	227	-0.6740	278	-0.4120
177	-0.2390	228	-0.6290	279	-0.4070
178	-0.3650	229	-0.5440	280	-0.3740
179	-0.2650	230	-0.3530	281	-0.2930
180	-0.2890	231	-0.1030	282	-0.0870
181	0.3110	232	0.0170	283	0.0570
182	0.4840	233	0.0830	284	0.1240
183	0.4940	234	0.0840	285	0.0810
184	0.6450	235	-0.1040	286	-0.2010
185	0.7030	236	-0.1660	287	-0.2020
186	0.7480	237	-0.0040	288	0.2290
187	0.8070	238	0.0620	289	0.2850
188	0.8780	239	0.4070	290	0.2330
189	0.9130	240	0.2890	291	-0.3270
190	-0.2790	241	-0.4990	292	0.1230
191	-0.2910	242	-0.4860	325	0.0660
192	-0.2880	244	-0.3070	326	0.0670
193	-0.2900	245	-0.0720	327	0.0650
194	-0.2840	246	0.0390	328	0.0650
195	-0.2900	247	0.0910	329	0.0660
196	-0.3050	248	0.1000	330	0.0650
197	-0.2820	249	0.0750	331	0.0660
198	-0.2810	250	0.0730	332	0.0660
199	-0.2810	251	-0.2750	333	0.0660
200	-0.2820	252	-0.0290	334	0.0660
201	-0.2760	253	0.3340	335	0.0650
202	-0.2770	254	0.1970	336	0.0660
203	-0.2740	255	-0.3200	337	0.0670
204	-0.2720	256	-0.3280	338	0.0670
205	0.3690	257	-0.3300	339	0.0640
206	0.4120	258	-0.2920	340	0.0640
207	0.3940	259	-0.1030	341	0.0660
208	0.3890	260	0.0490	350	-0.0410
210	0.4600	261	0.1070	351	0.0710
211	0.4140	262	0.1000	352	0.0720
212	0.2690	263	-0.0600	353	0.0720
213	-0.7110	264	-0.0120	354	0.0720
214	-0.6250	265	0.2030	355	0.0720
215	-0.5370	266	0.2630		
216	-0.3040	267	-0.0920		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 543
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 27.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.049
TUNNEL DYNAMIC PRESSURE(PSF) = 720.
TUNNEL STAGNATION PRESSURE(PSF) = 1876.
TUNNEL STATIC PRESSURE(PSF) = 935.
REYNOLDS NUMBER PER FOOT = 3.9860E 06
MODEL ANGLE OF ATTACK(DEG) = 0.09
FIN ANGLE(DEG) = -0.97
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 545.

SCANIVALUE	CP(REF)
147	0.9184
247	0.9174
347	0.9184
447	0.9194
547	0.9134
647	0.9134
747	0.9134

ORF	CP	ORF	CP	ORF	CP
1	0.2134	52	0.0344	102	-0.1546
2	-0.2076	53	-0.1906	103	-0.5466
3	-0.3116	54	-0.3216	104	-0.5266
4	-0.2236	55	0.2144	105	-0.3356
5	-0.0916	56	0.1944	110	-0.1936
6	-0.0086	57	0.1834	111	-0.2066
7	0.0434	58	0.1694	112	-0.1576
8	0.0844	59	0.1534	113	-0.2096
9	0.1054	60	0.1324	114	-0.2276
10	0.1144	61	0.1074	115	-0.2156
11	0.1144	62	0.0694	116	-0.1856
12	0.1044	63	0.0074	117	-0.1296
13	0.0754	64	-0.3656	118	-0.0786
14	-0.0566	65	-0.3616	119	-0.0706
15	-0.1306	66	0.2144	120	0.0394
16	-0.0876	67	0.1944	121	0.0414
17	-0.1636	68	0.1744	122	-0.0076
18	-0.0706	69	0.1524	123	-0.2236
19	0.0324	70	0.1244	124	-0.0846
20	0.0584	71	0.0954	125	-0.0436
21	0.0884	72	0.0474	126	0.0064
22	0.1104	73	-0.0376	127	-0.0216
23	0.1204	74	-0.3856	128	-0.2436
24	0.1234	75	0.2124	129	-0.1466
25	0.1204	76	0.1784	135	0.0074
26	0.0994	77	0.1434	136	0.0094
27	0.0634	78	0.1054	137	0.0074
28	-0.0666	79	0.0604	138	0.0394
29	-0.1716	80	0.0114	139	0.0344
30	-0.0636	81	-0.1106	140	0.0284
32	0.1024	82	-0.3986	141	0.2224
33	0.1084	83	0.1714	142	0.2264
34	0.1204	84	0.1424	143	0.2224
35	0.1324	85	0.0854	145	0.0054
36	0.1344	86	0.0494	147	0.2244
37	0.1314	87	0.0034	151	0.0484
38	0.1214	88	-0.0816	152	-0.2166
39	0.1004	89	-0.4116	153	-0.2976
40	0.0584	90	0.0854	154	-0.3886
41	-0.0536	91	0.0684	155	0.1434
42	-0.2236	92	0.0294	156	0.1204
43	0.1714	93	-0.0086	157	-0.0576
44	0.1624	94	-0.0746	158	0.4524
45	0.1644	95	-0.4126	159	0.2974
46	0.1614	96	-0.2896	160	0.2434
47	0.1564	97	-0.3536	161	0.1204
48	0.1494	98	0.1714	162	0.4304
49	0.1354	99	0.1394	163	0.3324
50	0.1194	100	-0.1006	164	0.0364
51	0.0834	101	-0.2016	165	0.0434

ORF	CP	ORF	CP	ORF	CP
166	0.5114	217	-0.0106	268	-0.0706
167	0.3214	218	0.0644	269	0.2394
168	0.2724	219	0.1034	270	0.3174
169	0.1384	220	0.0814	271	-0.1786
170	0.3384	221	-0.4266	272	-0.1646
171	0.2254	222	-0.2656	273	0.2574
172	-0.0236	223	0.0874	274	0.3264
173	0.0914	224	0.0644	275	0.5234
174	-0.0336	225	0.3564	276	0.4354
175	-0.2626	226	0.2214	277	0.3004
176	-0.4046	227	-0.4376	278	-0.6066
177	-0.1946	228	-0.4166	279	-0.5596
178	-0.3216	229	-0.3756	280	-0.4936
179	-0.2586	230	-0.2556	281	-0.3576
180	-0.3166	231	-0.0326	282	-0.1626
181	0.3364	232	0.0564	283	-0.0016
182	0.5074	233	0.0954	284	0.1144
183	0.4794	234	0.0894	285	0.0924
184	0.6454	235	-0.0986	286	-0.1856
185	0.7064	236	-0.1906	287	-0.2076
186	0.7934	237	-0.0316	288	0.2404
187	0.8564	238	0.0254	289	0.3274
188	0.9234	239	0.3814	290	0.2584
189	0.9384	240	0.2664	291	-0.3606
190	-0.3036	241	-0.4546	292	0.1034
191	-0.3196	242	-0.4536	325	0.0494
192	-0.3276	244	-0.2526	326	0.0474
193	-0.3256	245	-0.0346	327	0.0494
194	-0.3126	246	0.0474	328	0.0474
195	-0.3166	247	0.0904	329	0.0474
196	-0.3276	248	0.0984	330	0.0484
197	-0.3156	249	0.0684	331	0.0484
198	-0.3116	250	0.0484	332	0.0504
199	-0.3106	251	-0.3066	333	0.0494
200	-0.3106	252	-0.0086	334	0.0474
201	-0.2996	253	0.3884	335	0.0484
202	-0.2996	254	0.2444	336	0.0504
203	-0.2946	255	-0.4596	337	0.0494
204	-0.2966	256	-0.4506	338	0.0474
205	0.3724	257	-0.4426	339	0.0494
206	0.3984	258	-0.3636	340	0.0474
207	0.3964	259	-0.1806	341	0.0474
208	0.3944	260	0.0064	350	-0.0696
210	0.4564	261	0.1064	351	0.0454
211	0.3994	262	0.1174	352	0.0484
212	0.2634	263	-0.0596	353	0.0454
213	-0.5416	264	-0.0026	354	0.0464
214	-0.4936	265	0.2274	355	0.0474
215	-0.4036	266	0.2804		
216	-0.2366	267	-0.0986		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 544
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 27.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.050
TUNNEL DYNAMIC PRESSURE(PSF) = 721.
TUNNEL STAGNATION PRESSURE(PSF) = 1876.
TUNNEL STATIC PRESSURE(PSF) = 934.
REYNOLDS NUMBER PER FOOT = 3.9870E 06
MODEL ANGLE OF ATTACK(DEG) = 2.04
FIN ANGLE(DEG) = -1.01
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 545.

SCANIVALUE	CP(REF)
147	0.9206
247	0.9196
347	0.9196
447	0.9216
547	0.9146
647	0.9146
747	0.9146

ORF	CP	ORF	CP	ORF	CP
1	0.2196	52	0.0156	102	-0.1314
2	-0.2394	53	-0.2054	103	-0.5364
3	-0.4554	54	-0.2774	104	-0.5084
4	-0.1954	55	0.1346	105	-0.3304
5	-0.0344	56	0.1516	110	-0.1914
6	0.0506	57	0.1546	111	-0.2044
7	0.0996	58	0.1396	112	-0.1534
8	0.1136	59	0.1296	113	-0.2064
9	0.1246	60	0.1136	114	-0.2144
10	0.1266	61	0.0856	115	-0.2184
11	0.1266	62	0.0486	116	-0.1874
12	0.1126	63	-0.0104	117	-0.1294
13	0.0836	64	-0.3694	118	-0.0804
14	-0.0594	65	-0.3564	119	-0.0684
15	-0.1244	66	0.1406	120	0.0366
16	-0.0994	67	0.1456	121	0.0336
17	-0.2824	68	0.1366	122	-0.0054
18	-0.1184	69	0.1176	123	-0.2204
19	0.0416	70	0.0966	124	-0.0634
20	0.0946	71	0.0676	125	-0.0384
21	0.1156	72	0.0246	126	0.0086
22	0.1246	73	-0.0514	127	-0.0224
23	0.1306	74	-0.3784	128	-0.2214
24	0.1296	75	0.1276	129	-0.1354
25	0.1216	76	0.1246	135	0.0066
26	0.1016	77	0.0966	136	0.0066
27	0.0556	78	0.0716	137	0.0006
28	-0.0754	79	0.0466	138	0.0446
29	-0.1534	80	0.0056	139	0.0426
30	-0.1224	81	-0.1144	140	0.0476
32	0.0906	82	-0.3874	141	0.2226
33	0.1196	83	0.0926	142	0.2236
34	0.1276	84	0.0856	143	0.2186
35	0.1356	85	0.0616	145	0.0056
36	0.1326	86	0.0446	147	0.2186
37	0.1316	87	0.0026	151	0.1166
38	0.1176	88	-0.0834	152	-0.1824
39	0.0946	89	-0.3954	153	-0.2764
40	0.0466	90	0.0326	154	-0.3434
41	-0.0724	91	0.0696	155	0.1056
42	-0.1844	92	0.0326	156	0.1536
43	0.1146	93	-0.0024	157	-0.0494
44	0.1446	94	-0.0684	158	0.4166
45	0.1496	95	-0.3924	159	0.2936
46	0.1466	96	-0.1484	160	0.2226
47	0.1426	97	-0.3074	161	0.0866
48	0.1366	98	0.2216	162	0.4086
49	0.1236	99	0.1846	163	0.2956
50	0.1056	100	-0.1154	164	0.0406
51	0.0736	101	-0.1834	165	0.0166

ORF	CP	ORF	CP	ORF	CP
166	0.5246	217	0.0696	268	-0.0294
167	0.2856	218	0.1026	269	0.2586
168	0.2496	219	0.1306	270	0.3286
169	0.1176	220	0.0986	271	-0.1624
170	0.3736	221	-0.4134	272	-0.1134
171	0.1976	222	-0.2124	273	0.2886
172	-0.0294	223	0.0386	274	0.3296
173	0.0896	224	0.0226	275	0.5206
174	-0.0154	225	0.3836	276	0.4446
175	-0.2664	226	0.2466	277	0.2926
176	-0.3634	227	-0.4464	278	-0.8364
177	-0.1244	228	-0.4244	279	-0.7264
178	-0.2674	229	-0.3884	280	-0.6474
179	-0.2384	230	-0.2444	281	-0.4394
180	-0.3044	231	-0.0064	282	-0.0944
181	0.2486	232	0.0846	283	0.0526
182	0.3976	233	0.1256	284	0.1236
183	0.4226	234	0.1106	285	0.0916
184	0.5736	235	-0.0784	286	-0.1714
185	0.6486	236	-0.1724	287	-0.1844
186	0.7606	237	-0.0494	288	0.2776
187	0.8616	238	0.0316	289	0.3346
188	0.9496	239	0.4666	290	0.3066
189	0.9686	240	0.3456	291	-0.5794
190	-0.2964	241	-0.7894	292	0.0736
191	-0.3104	242	-0.6264	325	0.0416
192	-0.3064	244	-0.3424	326	0.0416
193	-0.3144	245	-0.0924	327	0.0416
194	-0.2984	246	0.0456	328	0.0396
195	-0.3114	247	0.1216	329	0.0436
196	-0.3224	248	0.1336	330	0.0406
197	-0.3074	249	0.1056	331	0.0436
198	-0.3014	250	0.0376	332	0.0426
199	-0.3004	251	-0.3024	333	0.0406
200	-0.2964	252	0.0336	334	0.0436
201	-0.2934	253	0.4636	335	0.0416
202	-0.2924	254	0.3166	336	0.0436
203	-0.2954	255	-0.9054	337	0.0416
204	-0.2854	256	-0.8684	338	0.0416
205	0.3946	257	-0.7614	339	0.0416
206	0.4126	258	-0.4964	340	0.0406
207	0.4146	259	-0.0944	341	0.0436
208	0.4286	260	0.0606	350	-0.0634
210	0.4456	261	0.1266	351	0.0406
211	0.3516	262	0.1356	352	0.0396
212	0.2236	263	-0.0674	353	0.0386
213	-0.4354	264	0.0326	354	0.0386
214	-0.3514	265	0.2656	355	0.0376
215	-0.2584	266	0.3056		
216	-0.0404	267	-0.0964		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 545
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 27.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.049
TUNNEL DYNAMIC PRESSURE(PSF) = 720.
TUNNEL STAGNATION PRESSURE(PSF) = 1876.
TUNNEL STATIC PRESSURE(PSF) = 935.
REYNOLDS NUMBER PER FOOT = 3.9850E 06
MODEL ANGLE OF ATTACK(DEG) = 3.99
FIN ANGLE(DEG) = -1.02
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 546.

SCANIVALUE	CP(REF)
147	0.9184
247	0.9174
347	0.9184
447	0.9184
547	0.9154
647	0.9154
747	0.9154

ORF	CP	ORF	CP	ORF	CP
1	0.1734	52	0.0034	102	-0.1116
2	-0.2186	53	-0.2136	103	-0.5246
3	-0.2806	54	-0.2526	104	-0.4846
4	-0.1626	55	-0.1996	105	-0.3106
5	-0.0646	56	-0.0096	110	-0.1966
6	0.0074	57	0.0944	111	-0.2086
7	0.0424	58	0.1124	112	-0.1596
8	0.0704	59	0.1064	113	-0.2116
9	0.0854	60	0.0914	114	-0.2086
10	0.0924	61	0.0704	115	-0.2236
11	0.0934	62	0.0374	116	-0.1986
12	0.0824	63	-0.0216	117	-0.1396
13	0.0554	64	-0.3806	118	-0.0876
14	-0.0616	65	-0.3576	119	-0.0726
15	-0.1096	66	-0.2246	120	0.0234
16	-0.1036	67	-0.0506	121	0.0234
17	-0.1556	68	0.0674	122	-0.0186
18	-0.0916	69	0.0954	123	-0.2366
19	-0.0076	70	0.0784	124	-0.0666
20	0.0354	71	0.0524	125	-0.0366
21	0.0624	72	0.0114	126	0.0174
22	0.0804	73	-0.0706	127	-0.0236
23	0.0894	74	-0.3686	128	-0.2156
24	0.0934	75	-0.2266	129	-0.1376
25	0.0894	76	-0.1116	135	-0.0026
26	0.0714	77	-0.0016	136	-0.0016
27	0.0344	78	0.0474	137	-0.0016
28	-0.0836	79	0.0254	138	0.0534
29	-0.1356	80	-0.0026	139	0.0384
30	-0.1106	81	-0.1316	140	0.0474
32	0.0414	82	-0.3536	141	0.2164
33	0.0634	83	-0.2066	142	0.2074
34	0.0794	84	-0.1306	143	0.2024
35	0.0914	85	-0.0186	145	-0.0016
36	0.0994	86	0.0204	147	0.2054
37	0.0984	87	0.0104	151	0.1234
38	0.0904	88	-0.0866	152	-0.1546
39	0.0714	89	-0.3556	153	-0.2706
40	0.0264	90	-0.2656	154	-0.3336
41	-0.0796	91	-0.1126	155	0.1664
42	-0.1656	92	-0.0186	156	0.1414
43	-0.2076	93	-0.0016	157	-0.0486
44	0.0624	94	-0.0786	158	0.3664
45	0.1074	95	-0.3316	159	0.2694
46	0.1104	96	0.0434	160	0.2004
47	0.1094	97	-0.2646	161	0.0574
48	0.1084	98	0.2904	162	0.3794
49	0.0984	99	0.2404	163	0.2874
50	0.0854	100	-0.1196	164	0.0434
51	0.0524	101	-0.1636	165	0.0164

ORF	CP	ORF	CP	ORF	CP
166	0.5064	217	0.1314	268	-0.0086
167	0.2974	218	0.1534	269	0.2454
168	0.2624	219	0.1704	270	0.2954
169	0.1244	220	0.1404	271	-0.1426
170	0.3634	221	-0.4426	272	-0.0746
171	0.2184	222	-0.2716	273	0.2784
172	-0.0176	223	0.0464	274	0.3204
173	0.1214	224	0.0544	275	0.4924
174	0.0004	225	0.4274	276	0.3974
175	-0.2116	226	0.2924	277	0.2524
176	-0.3506	227	-0.3916	278	-0.6326
177	-0.1116	228	-0.3746	279	-0.5906
178	-0.2166	229	-0.3316	280	-0.5076
179	-0.1476	230	-0.1976	281	-0.3126
180	-0.2996	231	0.0294	282	-0.0886
181	0.2084	232	0.1204	283	0.0174
182	0.3504	233	0.1574	284	0.0934
183	0.3644	234	0.1424	285	0.0704
184	0.5144	235	-0.0646	286	-0.1476
185	0.5944	236	-0.1736	287	-0.1336
186	0.6904	237	-0.0316	288	0.2814
187	0.7744	238	0.0584	289	0.3304
188	0.8544	239	0.4404	290	0.2774
189	0.8634	240	0.3374	291	-0.8516
190	-0.2906	241	-0.5456	292	0.0624
191	-0.3036	242	-0.5066	325	0.0294
192	-0.3076	244	-0.2726	326	0.0304
193	-0.3076	245	-0.0446	327	0.0304
194	-0.2966	246	0.0584	328	0.0284
195	-0.3036	247	0.1224	329	0.0294
196	-0.3206	248	0.1374	330	0.0294
197	-0.3006	249	0.1114	331	0.0324
198	-0.2976	250	0.0294	332	0.0314
199	-0.2976	251	-0.2876	333	0.0294
200	-0.2956	252	0.0324	334	0.0294
201	-0.2816	253	0.4344	335	0.0304
202	-0.2896	254	0.2944	336	0.0304
203	-0.2856	255	-0.6196	337	0.0294
204	-0.2856	256	-0.5566	338	0.0304
205	0.4144	257	-0.5206	339	0.0304
206	0.4334	258	-0.3756	340	0.0294
207	0.4434	259	-0.1296	341	0.0294
208	0.4584	260	0.0154	350	-0.0826
210	0.4174	261	0.1044	351	0.0274
211	0.4124	262	0.1154	352	0.0294
212	0.3074	263	-0.0456	353	0.0294
213	-0.4006	264	0.0434	354	0.0284
214	-0.1806	265	0.2484	355	0.0304
215	-0.0986	266	0.2824		
216	0.0634	267	-0.0836		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 546
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 27.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.049
TUNNEL DYNAMIC PRESSURE(PSF) = 720.
TUNNEL STAGNATION PRESSURE(PSF) = 1876.
TUNNEL STATIC PRESSURE(PSF) = 935.
REYNOLDS NUMBER PER FOOT = 3.9870E 06
MODEL ANGLE OF ATTACK(DEG) = 5.99
FIN ANGLE(DEG) = -0.54
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 545.

SCANIVALUE	CP(REF)
147	0.9184
247	0.9174
347	0.9184
447	0.9194
547	0.9144
647	0.9144
747	0.9144

ORF	CP	ORF	CP	ORF	CP
1	0.0884	52	-0.0036	102	-0.0976
2	-0.2726	53	-0.2236	103	-0.5006
3	-0.3666	54	-0.2386	104	-0.4566
4	-0.1916	55	-0.3846	105	-0.2906
5	-0.0916	56	-0.3556	110	-0.2086
6	-0.0146	57	-0.2466	111	-0.2356
7	0.0284	58	-0.0336	112	-0.1876
8	0.0574	59	0.1004	113	-0.2216
9	0.0724	60	0.1134	114	-0.2006
10	0.0814	61	0.0884	115	-0.2346
11	0.0814	62	0.0494	116	-0.2136
12	0.0754	63	-0.0096	117	-0.1646
13	0.0514	64	-0.3846	118	-0.1056
14	-0.0636	65	-0.3686	119	-0.0776
15	-0.1046	66	-0.3276	120	0.0104
16	-0.2296	67	-0.3076	121	0.0094
17	-0.2536	68	-0.2566	122	-0.0276
18	-0.1676	69	-0.1576	123	-0.2586
19	-0.0546	70	-0.0696	124	-0.0936
20	0.0114	71	-0.0096	125	-0.0466
21	0.0454	72	-0.0106	126	0.0104
22	0.0614	73	-0.0866	127	-0.0216
23	0.0704	74	-0.3456	128	-0.2256
24	0.0774	75	-0.3186	129	-0.1496
25	0.0774	76	-0.3146	135	-0.0156
26	0.0644	77	-0.2856	136	-0.0166
27	0.0254	78	-0.2236	137	-0.0096
28	-0.0876	79	-0.1586	138	0.0404
29	-0.1346	80	-0.1186	139	0.0374
30	-0.3826	81	-0.1876	140	0.0364
32	-0.0306	82	-0.2926	141	0.2134
33	0.0554	83	-0.2846	142	0.2084
34	0.0704	84	-0.3316	143	0.1994
35	0.0774	85	-0.2966	145	-0.0146
36	0.0834	86	-0.2436	147	0.2064
37	0.0834	87	-0.1956	151	0.1394
38	0.0754	88	-0.2066	152	-0.1296
39	0.0594	89	-0.2846	153	-0.2566
40	0.0174	90	-0.3416	154	-0.3556
41	-0.0866	91	-0.3286	155	0.2364
42	-0.1626	92	-0.3116	156	0.1314
43	-0.5146	93	-0.2786	157	-0.0566
44	-0.3106	94	-0.2576	158	0.3674
45	0.0494	95	-0.2726	159	0.2864
46	0.1214	96	0.1764	160	0.2224
47	0.1124	97	-0.2516	161	0.0734
48	0.1034	98	0.3604	162	0.4114
49	0.0894	99	0.2964	163	0.3234
50	0.0764	100	-0.1266	164	0.0334
51	0.0444	101	-0.1426	165	0.0494

ORF	CP	ORF	CP	ORF	CP
166	0.5444	217	0.1824	268	0.0044
167	0.3534	218	0.1944	269	0.2484
168	0.3184	219	0.1934	270	0.2814
169	0.1774	220	0.1434	271	-0.1236
170	0.3344	221	-0.4216	272	-0.0666
171	0.2744	222	-0.2726	273	0.2834
172	0.0364	223	0.0114	274	0.3244
173	0.1774	224	0.0234	275	0.4914
174	0.0334	225	0.4164	276	0.3614
175	-0.1536	226	0.2794	277	0.2234
176	-0.3506	227	-0.3346	278	-0.7386
177	-0.1046	228	-0.3236	279	-0.6616
178	-0.1826	229	-0.2906	280	-0.5486
179	-0.0976	230	-0.1596	281	-0.3476
180	-0.3236	231	0.0574	282	-0.1046
181	0.2044	232	0.1494	283	-0.0086
182	0.3314	233	0.1774	284	0.0764
183	0.3414	234	0.1464	285	0.0614
184	0.5454	235	-0.0586	286	-0.1346
185	0.6154	236	-0.1636	287	-0.1226
186	0.6694	237	-0.0386	288	0.2934
187	0.7174	238	0.0644	289	0.3714
188	0.7564	239	0.4484	290	0.2794
189	0.7464	240	0.3444	291	-0.8956
190	-0.2946	241	-0.5796	292	0.0344
191	-0.3076	242	-0.5136	325	0.0184
192	-0.3026	244	-0.2726	326	0.0174
193	-0.3106	245	-0.0516	327	0.0184
194	-0.3006	246	0.0574	328	0.0184
195	-0.3056	247	0.1284	329	0.0184
196	-0.3316	248	0.1394	330	0.0174
197	-0.3006	249	0.1144	331	0.0184
198	-0.2996	250	0.0184	332	0.0194
199	-0.3006	251	-0.2876	333	0.0184
200	-0.3016	252	0.0474	334	0.0174
201	-0.2906	253	0.4014	335	0.0174
202	-0.2976	254	0.2754	336	0.0144
203	-0.2906	255	-0.7646	337	0.0184
204	-0.2976	256	-0.6676	338	0.0184
205	0.4414	257	-0.5956	339	0.0194
206	0.4634	258	-0.3596	340	0.0174
207	0.4784	259	-0.0906	341	0.0174
208	0.4974	260	0.0204	350	-0.0826
210	0.4324	261	0.0884	351	0.0194
211	0.3754	262	0.1044	352	0.0184
212	0.2614	263	-0.0456	353	0.0164
213	-0.2626	264	0.0554	354	0.0184
214	-0.1206	265	0.2504	355	0.0194
215	-0.0106	266	0.2854		
216	0.1294	267	-0.0826		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 547
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 27.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.055
TUNNEL DYNAMIC PRESSURE(PSF) = 723.
TUNNEL STAGNATION PRESSURE(PSF) = 1876.
TUNNEL STATIC PRESSURE(PSF) = 928.
REYNOLDS NUMBER PER FOOT = 3.9900E 06
MODEL ANGLE OF ATTACK(DEG) = 7.94
FIN ANGLE(DEG) = -0.37
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 545.

SCANIVALUE	CP(REF)
147	0.9245
247	0.9225
347	0.9235
447	0.9235
547	0.9295
647	0.9295
747	0.9295

ORF	CP	ORF	CP	ORF	CP
1	0.0075	52	0.0145	102	-0.0585
2	-0.3315	53	-0.2105	103	-0.4545
3	-0.4865	54	-0.1795	104	-0.4145
4	-0.3875	55	-0.5285	105	-0.2615
5	-0.2165	56	-0.5325	110	-0.1925
6	-0.0435	57	-0.4695	111	-0.2415
7	0.0465	58	-0.3605	112	-0.2245
8	0.0915	59	-0.1295	113	-0.2495
9	0.1115	60	0.1475	114	-0.1855
10	0.1245	61	0.1635	115	-0.2525
11	0.1245	62	0.1045	116	-0.2375
12	0.1225	63	0.0315	117	-0.1925
13	0.0985	64	-0.3675	118	-0.1245
14	-0.0365	65	-0.3335	119	-0.1155
15	-0.0815	66	-0.3625	120	0.0135
16	-0.3335	67	-0.3945	121	0.0145
17	-0.3815	68	-0.4035	122	-0.0315
18	-0.3885	69	-0.3855	123	-0.2695
19	-0.2065	70	-0.3635	124	-0.0855
20	-0.0525	71	-0.2995	125	-0.0545
21	0.0295	72	-0.2035	126	-0.0125
22	0.0755	73	-0.1335	127	-0.0375
23	0.0905	74	-0.2695	128	-0.2285
24	0.1025	75	-0.3555	129	-0.1475
25	0.1045	76	-0.3655	135	-0.0255
26	0.0945	77	-0.3725	136	-0.0235
27	0.0575	78	-0.3705	137	-0.0265
28	-0.0645	79	-0.3585	138	0.0485
29	-0.1065	80	-0.3435	139	0.0575
30	-0.5825	81	-0.3395	140	0.0575
32	-0.2495	82	-0.2835	141	0.2145
33	-0.0275	83	-0.3225	142	0.2075
34	0.0805	84	-0.3915	143	0.2035
35	0.1145	85	-0.3955	145	-0.0255
36	0.1155	86	-0.3805	147	0.2015
37	0.1135	87	-0.3535	151	0.1745
38	0.1025	88	-0.3175	152	-0.1025
39	0.0795	89	-0.2635	153	-0.2325
40	0.0315	90	-0.3725	154	-0.3905
41	-0.0775	91	-0.3595	155	0.2935
42	-0.1255	92	-0.3665	156	0.1925
43	-0.7045	93	-0.3705	157	-0.0165
44	-0.5375	94	-0.3595	158	0.4385
45	-0.3155	95	-0.2715	159	0.3545
46	0.0195	96	0.2605	160	0.2865
47	0.1475	97	-0.2355	161	0.1285
48	0.1515	98	0.4325	162	0.5065
49	0.1285	99	0.3605	163	0.3995
50	0.1055	100	-0.1045	164	0.0555
51	0.0695	101	-0.1035	165	0.1115

ORF	CP	ORF	CP	ORF	CP
166	0.6535	217	0.2685	268	0.0315
167	0.4225	218	0.2735	269	0.3085
168	0.3865	219	0.2665	270	0.3485
169	0.2415	220	0.2145	271	-0.0795
170	0.3885	221	-0.4575	272	-0.0515
171	0.3525	222	-0.3205	273	0.3355
172	0.0945	223	0.0275	274	0.3875
173	0.2275	224	0.0625	275	0.5155
174	0.0855	225	0.4775	276	0.3805
175	-0.1185	226	0.3265	277	0.2495
176	-0.3455	227	-0.2715	278	-0.8535
177	-0.0785	228	-0.2405	279	-0.7495
178	-0.1895	229	-0.2145	280	-0.6095
179	-0.0925	230	-0.0875	281	-0.4345
180	-0.3245	231	0.1245	282	-0.2165
181	0.2275	232	0.1965	283	-0.0115
182	0.3595	233	0.2265	284	0.1205
183	0.2735	234	0.2005	285	0.1075
184	0.4885	235	-0.0175	286	-0.0855
185	0.5725	236	-0.1565	287	-0.1075
186	0.6315	237	-0.0275	288	0.3465
187	0.6825	238	0.0835	289	0.4475
188	0.7185	239	0.4405	290	0.3355
189	0.7095	240	0.3415	291	-0.8475
190	-0.2975	241	-0.6095	292	0.0125
191	-0.3125	242	-0.4995	325	0.0125
192	-0.2975	244	-0.2405	326	0.0135
193	-0.3095	245	-0.0135	327	0.0115
194	-0.3055	246	0.1045	328	0.0125
195	-0.3125	247	0.1715	329	0.0125
196	-0.3325	248	0.1855	330	0.0115
197	-0.3115	249	0.1535	331	0.0135
198	-0.3055	250	0.0195	332	0.0125
199	-0.3035	251	-0.2735	333	0.0135
200	-0.3075	252	0.0895	334	0.0125
201	-0.2945	253	0.4095	335	0.0115
202	-0.2965	254	0.2885	336	0.0105
203	-0.2945	255	-0.9085	337	0.0125
204	-0.3035	256	-0.8235	338	0.0125
205	0.4755	257	-0.7275	339	0.0125
206	0.5185	258	-0.4595	340	0.0125
207	0.5215	259	-0.1055	341	0.0125
208	0.5405	260	0.0445	350	-0.0995
210	0.3975	261	0.1265	351	0.0165
211	0.5105	262	0.1465	352	0.0165
212	0.3955	263	-0.0205	353	0.0145
213	-0.2345	264	0.0915	354	0.0165
214	-0.0075	265	0.3095	355	0.0185
215	0.0905	266	0.3475		
216	0.2215	267	-0.0475		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 548
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 27.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.047
TUNNEL DYNAMIC PRESSURE(PSF) = 719.
TUNNEL STAGNATION PRESSURE(PSF) = 1876.
TUNNEL STATIC PRESSURE(PSF) = 937.
REYNOLDS NUMBER PER FOOT = 3.9830E 06
MODEL ANGLE OF ATTACK(DEG) = 11.98
FIN ANGLE(DEG) = -0.11
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 546.

SCANIVALUE	CP(REF)
147	0.9178
247	0.9168
347	0.9178
447	0.9188
547	0.9188
647	0.9188
747	0.9188

ORF	CP	ORF	CP	ORF	CP
1	-0.1822	52	0.0838	102	0.0098
2	-0.4822	53	-0.1442	103	-0.4442
3	-0.5642	54	-0.0232	104	-0.4102
4	-0.5672	55	-0.8162	105	-0.2902
5	-0.5432	56	-0.8632	110	-0.2232
6	-0.4892	57	-0.8622	111	-0.2792
7	-0.2712	58	-0.7812	112	-0.2822
8	-0.0042	59	-0.6892	113	-0.3092
9	0.0878	60	-0.5822	114	-0.2062
10	0.1248	61	-0.2302	115	-0.3222
11	0.1448	62	0.2088	116	-0.3072
12	0.1478	63	0.2028	117	-0.2692
13	0.1348	64	-0.0702	118	-0.2292
14	-0.0132	65	0.0138	119	-0.1762
15	-0.0442	66	-0.6082	120	-0.0292
16	-0.4922	67	-0.6102	121	-0.0292
17	-0.5532	68	-0.6692	122	-0.0782
18	-0.5932	69	-0.6672	123	-0.3582
19	-0.5962	70	-0.6402	124	-0.1232
20	-0.5452	71	-0.5972	125	-0.1012
21	-0.2872	72	-0.5342	126	-0.0492
22	-0.1142	73	-0.4072	127	-0.0842
23	-0.0012	74	-0.2792	128	-0.3002
24	0.0648	75	-0.4182	129	-0.2042
25	0.0998	76	-0.4132	135	-0.0692
26	0.1138	77	-0.4052	136	-0.0672
27	0.0888	78	-0.4502	137	-0.0682
28	-0.0382	79	-0.4472	138	0.0388
29	-0.0322	80	-0.4172	139	0.0458
30	-0.7982	81	-0.3832	140	0.0548
32	-0.6252	82	-0.3502	141	0.1968
33	-0.5242	83	-0.2682	142	0.1868
34	-0.3572	84	-0.3002	143	0.2118
35	-0.0532	85	-0.2932	145	-0.0722
36	0.0868	86	-0.3052	147	0.1878
37	0.1248	87	-0.3182	151	0.2118
38	0.1218	88	-0.3032	152	-0.0582
39	0.0978	89	-0.2832	153	-0.2352
40	0.0468	90	-0.2322	154	-0.4552
41	-0.0532	91	-0.2172	155	0.4208
42	-0.0362	92	-0.2242	156	0.2018
43	-0.9282	93	-0.2422	157	-0.0232
44	-0.8862	94	-0.2532	158	0.4658
45	-0.7772	95	-0.2492	159	0.4128
46	-0.5902	96	0.3378	160	0.3308
47	-0.4412	97	-0.2012	161	0.1538
48	-0.2022	98	0.5198	162	0.5988
49	0.1438	99	0.4428	163	0.4818
50	0.2158	100	-0.0652	164	0.0428
51	0.1608	101	-0.0412	165	0.1538

ORF	CP	ORF	CP	ORF	CP
166	0.7648	217	0.3418	268	0.1018
167	0.4828	218	0.3478	269	0.3628
168	0.4428	219	0.3398	270	0.3618
169	0.2818	220	0.2998	271	-0.0212
170	0.4418	221	-0.5492	272	-0.0072
171	0.4118	222	-0.3912	273	0.3488
172	0.1368	223	0.0418	274	0.3958
173	0.2728	224	0.1148	275	0.5848
174	0.1368	225	0.6048	276	0.2958
175	-0.0732	226	0.3928	277	0.2128
176	-0.3462	227	-0.3312	278	-0.8952
177	-0.0732	228	-0.3142	279	-0.8312
178	-0.1312	229	-0.2682	280	-0.7242
179	0.0118	230	-0.1422	281	-0.5572
180	-0.3482	231	0.0588	282	-0.5092
181	0.1518	232	0.1658	283	-0.4342
182	0.2558	233	0.2468	284	0.0888
183	0.2228	234	0.2598	285	0.1318
184	0.4758	235	0.0358	286	-0.0262
185	0.5978	236	-0.1402	287	-0.0592
186	0.7128	237	-0.0592	288	0.3668
187	0.7708	238	0.1058	289	0.5198
188	0.8088	239	0.4168	290	0.3778
189	0.7808	240	0.3258	291	-0.8742
190	-0.3102	241	-0.7982	292	-0.1132
191	-0.3262	242	-0.6512	325	-0.0262
192	-0.3212	244	-0.3512	326	-0.0272
193	-0.3302	245	-0.1072	327	-0.0262
194	-0.3222	246	0.0258	328	-0.0262
195	-0.3342	247	0.1608	329	-0.0262
196	-0.3582	248	0.2008	330	-0.0262
197	-0.3332	249	0.1828	331	-0.0262
198	-0.3282	250	-0.0222	332	-0.0262
199	-0.3282	251	-0.2942	333	-0.0262
200	-0.3332	252	0.1298	334	-0.0252
201	-0.3232	253	0.3808	335	-0.0242
202	-0.3272	254	0.2658	336	-0.0242
203	-0.3272	255	-0.9832	337	-0.0252
204	-0.3272	256	-0.9102	338	-0.0272
205	0.5008	257	-0.8422	339	-0.0252
206	0.5918	258	-0.6982	340	-0.0252
207	0.5688	259	-0.5122	341	-0.0262
208	0.5898	260	-0.1392	350	-0.1792
210	0.3098	261	0.0998	351	-0.0252
211	0.6878	262	0.1678	352	-0.0222
212	0.5108	263	0.0248	353	-0.0242
213	-0.4282	264	0.1478	354	-0.0232
214	-0.1022	265	0.3518	355	-0.0212
215	0.0398	266	0.3718		
216	0.2638	267	-0.0022		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 549
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 27.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.052
TUNNEL DYNAMIC PRESSURE(PSF) = 721.
TUNNEL STAGNATION PRESSURE(PSF) = 1874.
TUNNEL STATIC PRESSURE(PSF) = 931.
REYNOLDS NUMBER PER FOOT = 3.9800E 06
MODEL ANGLE OF ATTACK(DEG) = 14.11
FIN ANGLE(DEG) = -0.06
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 546.

SCANIVALUE	CP(REF)
147	0.9227
247	0.9237
347	0.9237
447	0.9237
547	0.9237
647	0.9247
747	0.9237

ORF	CP	ORF	CP	ORF	CP
1	-0.2723	52	0.1497	102	0.0237
2	-0.5443	53	-0.0763	103	-0.4823
3	-0.5503	54	0.0307	104	-0.4083
4	-0.5693	55	-0.8203	105	-0.2863
5	-0.5613	56	-0.8383	110	-0.3013
6	-0.5343	57	-0.8643	111	-0.3033
7	-0.4363	58	-0.8803	112	-0.2973
8	-0.0393	59	-0.8353	113	-0.3343
9	0.0557	60	-0.7623	114	-0.2163
10	0.1107	61	-0.6333	115	-0.3413
11	0.1387	62	-0.3923	116	-0.3333
12	0.1477	63	-0.0433	117	-0.2993
13	0.1347	64	0.0327	118	-0.2683
14	-0.0033	65	-0.0123	119	-0.2133
15	-0.0213	66	-0.5873	120	-0.0393
16	-0.5723	67	-0.5623	121	-0.0403
17	-0.6553	68	-0.5443	122	-0.1053
18	-0.6833	69	-0.5363	123	-0.3833
19	-0.6723	70	-0.5703	124	-0.1373
20	-0.6373	71	-0.5533	125	-0.1143
21	-0.4953	72	-0.4863	126	-0.0753
22	-0.2533	73	-0.4353	127	-0.0953
23	-0.0933	74	-0.3753	128	-0.3203
24	0.0257	75	-0.4253	129	-0.1943
25	0.0947	76	-0.3973	135	-0.0903
26	0.1267	77	-0.3893	136	-0.0993
27	0.1127	78	-0.3783	137	-0.1013
28	-0.0053	79	-0.3903	138	0.0547
29	-0.0023	80	-0.3733	139	0.0647
30	-0.8593	81	-0.3423	140	0.0617
32	-0.7883	82	-0.3163	141	0.1837
33	-0.6783	83	-0.2823	142	0.1617
34	-0.5153	84	-0.3223	143	0.2217
35	-0.1923	85	-0.3163	145	-0.1033
36	0.0257	86	-0.3063	147	0.1607
37	0.1047	87	-0.3003	151	0.2147
38	0.1147	88	-0.2853	152	-0.0403
39	0.1007	89	-0.2783	153	-0.2153
40	0.0537	90	-0.2473	154	-0.4403
41	-0.0273	91	-0.2373	155	0.4457
42	-0.0143	92	-0.2413	156	0.1907
43	-0.9583	93	-0.2493	157	-0.0283
44	-0.9523	94	-0.2553	158	0.4947
45	-0.8853	95	-0.2593	159	0.4137
46	-0.7283	96	0.4067	160	0.3097
47	-0.6063	97	-0.1393	161	0.1417
48	-0.4963	98	0.5697	162	0.6177
49	-0.2453	99	0.4867	163	0.4797
50	0.1937	100	-0.0463	164	0.0637
51	0.2327	101	-0.0343	165	0.1567

ORF	CP	ORF	CP	ORF	CP
166	0.7737	217	0.4137	268	0.1397
167	0.4907	218	0.4017	269	0.3737
168	0.4487	219	0.3847	270	0.3827
169	0.2907	220	0.3437	271	-0.0113
170	0.3657	221	-0.6423	272	0.0297
171	0.4407	222	-0.3463	273	0.3557
172	0.1607	223	0.0317	274	0.4107
173	0.3037	224	0.1237	275	0.6047
174	0.1567	225	0.6057	276	0.2277
175	-0.0283	226	0.3717	277	0.1797
176	-0.3253	227	-0.3543	278	-0.8893
177	-0.0613	228	-0.2993	279	-0.8373
178	-0.1133	229	-0.2323	280	-0.7433
179	0.0487	230	-0.0693	281	-0.5843
180	-0.3503	231	0.1167	282	-0.5133
181	0.1187	232	0.1997	283	-0.5153
182	0.2487	233	0.2707	284	0.0707
183	0.1797	234	0.2807	285	0.1367
184	0.3517	235	0.0577	286	-0.0213
185	0.4507	236	-0.1383	287	-0.0193
186	0.4937	237	-0.1043	288	0.3937
187	0.5417	238	0.0897	289	0.5547
188	0.5907	239	0.3517	290	0.3857
189	0.6047	240	0.2837	291	-0.8853
190	-0.3063	241	-0.7183	292	-0.1273
191	-0.3413	242	-0.6123	325	-0.0283
192	-0.3203	244	-0.3643	326	-0.0293
193	-0.3303	245	-0.1473	327	-0.0283
194	-0.3183	246	-0.0083	328	-0.0273
195	-0.3373	247	0.1567	329	-0.0273
196	-0.3663	248	0.2117	330	-0.0323
197	-0.3343	249	0.2117	331	-0.0283
198	-0.3293	250	-0.0243	332	-0.0273
199	-0.3233	251	-0.2713	333	-0.0263
200	-0.3363	252	0.1477	334	-0.0263
201	-0.3183	253	0.3327	335	-0.0303
202	-0.3263	254	0.2467	336	-0.0273
203	-0.3233	255	-0.9723	337	-0.0283
204	-0.3243	256	-0.9023	338	-0.0293
205	0.5137	257	-0.8423	339	-0.0273
206	0.6167	258	-0.7263	340	-0.0273
207	0.5847	259	-0.5513	341	-0.0273
208	0.6137	260	-0.1903	350	-0.2153
210	0.2637	261	0.0597	351	-0.0283
211	0.7977	262	0.1637	352	-0.0263
212	0.5967	263	0.0537	353	-0.0253
213	-0.4243	264	0.1677	354	-0.0223
214	-0.1683	265	0.3537	355	-0.0233
215	0.0187	266	0.3907		
216	0.3287	267	0.0127		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 550
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 27.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.050
TUNNEL DYNAMIC PRESSURE(PSF) = 720.
TUNNEL STAGNATION PRESSURE(PSF) = 1875.
TUNNEL STATIC PRESSURE(PSF) = 934.
REYNOLDS NUMBER PER FOOT = 3.9820E 06
MODEL ANGLE OF ATTACK(DEG) = 0.11
FIN ANGLE(DEG) = -0.41
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 546.

SCANIVALUE	CP(REF)
147	0.9198
247	0.9188
347	0.9198
447	0.9208
547	0.9228
647	0.9218
747	0.9218

ORF	CP	ORF	CP	ORF	CP
1	0.2258	52	0.0368	102	-0.1512
2	-0.2092	53	-0.1922	103	-0.5412
3	-0.3162	54	-0.3242	104	-0.5292
4	-0.2152	55	0.2148	105	-0.3342
5	-0.0952	56	0.1948	110	-0.1902
6	-0.0112	57	0.1878	111	-0.2032
7	0.0418	58	0.1698	112	-0.1512
8	0.0818	59	0.1508	113	-0.1962
9	0.1078	60	0.1318	114	-0.2192
10	0.1138	61	0.1058	115	-0.2192
11	0.1148	62	0.0698	116	-0.1882
12	0.1068	63	0.0088	117	-0.1242
13	0.0768	64	-0.3652	118	-0.0732
14	-0.0552	65	-0.3602	119	-0.0632
15	-0.1312	66	0.2168	120	0.0438
16	-0.0852	67	0.1948	121	0.0448
17	-0.1832	68	0.1728	122	-0.0042
18	-0.0882	69	0.1518	123	-0.2242
19	0.0238	70	0.1238	124	-0.0732
20	0.0558	71	0.0928	125	-0.0412
21	0.0898	72	0.0478	126	0.0118
22	0.1128	73	-0.0372	127	-0.0192
23	0.1188	74	-0.3842	128	-0.2382
24	0.1238	75	0.2088	129	-0.1452
25	0.1228	76	0.1778	135	0.0138
26	0.1018	77	0.1438	136	0.0108
27	0.0658	78	0.1048	137	0.0108
28	-0.0662	79	0.0608	138	0.0358
29	-0.1722	80	0.0108	139	0.0438
30	-0.0542	81	-0.1102	140	0.0398
32	0.0948	82	-0.3982	141	0.2308
33	0.1138	83	0.1728	142	0.2258
34	0.1248	84	0.1438	143	0.2248
35	0.1308	85	0.0848	145	0.0148
36	0.1338	86	0.0488	147	0.2298
37	0.1298	87	0.0038	151	0.0508
38	0.1228	88	-0.0822	152	-0.2132
39	0.0998	89	-0.4102	153	-0.2862
40	0.0608	90	0.0868	154	-0.3762
41	-0.0512	91	0.0688	155	0.1428
42	-0.2252	92	0.0308	156	0.1238
43	0.1718	93	-0.0082	157	-0.0622
44	0.1648	94	-0.0742	158	0.4548
45	0.1608	95	-0.4122	159	0.2928
46	0.1618	96	-0.2812	160	0.2418
47	0.1568	97	-0.3532	161	0.1218
48	0.1478	98	0.1728	162	0.4368
49	0.1338	99	0.1418	163	0.3458
50	0.1198	100	-0.1002	164	0.0428
51	0.0868	101	-0.1932	165	0.0448

ORF	CP	ORF	CP	ORF	CP
166	0.5118	217	-0.0062	268	-0.0702
167	0.3288	218	0.0708	269	0.2418
168	0.2748	219	0.1058	270	0.3228
169	0.1298	220	0.0898	271	-0.1722
170	0.3428	221	-0.4222	272	-0.1652
171	0.2198	222	-0.2652	273	0.2658
172	-0.0302	223	0.0898	274	0.3308
173	0.0848	224	0.0688	275	0.5268
174	-0.0332	225	0.3608	276	0.4478
175	-0.2712	226	0.2168	277	0.3078
176	-0.3932	227	-0.4372	278	-0.6242
177	-0.1872	228	-0.4192	279	-0.5592
178	-0.3182	229	-0.3842	280	-0.4892
179	-0.2712	230	-0.2652	281	-0.3632
180	-0.3172	231	-0.0312	282	-0.1532
181	0.3358	232	0.0588	283	0.0028
182	0.4958	233	0.1008	284	0.1188
183	0.4738	234	0.0938	285	0.0938
184	0.6478	235	-0.0932	286	-0.1842
185	0.7138	236	-0.1892	287	-0.2042
186	0.7968	237	-0.0302	288	0.2508
187	0.8638	238	0.0348	289	0.3298
188	0.9128	239	0.3898	290	0.2698
189	0.9278	240	0.2708	291	-0.3662
190	-0.2992	241	-0.4602	292	0.1088
191	-0.3112	242	-0.4412	325	0.0498
192	-0.3142	244	-0.2632	326	0.0518
193	-0.3232	245	-0.0402	327	0.0508
194	-0.3112	246	0.0448	328	0.0518
195	-0.3172	247	0.0948	329	0.0508
196	-0.3242	248	0.1028	330	0.0498
197	-0.3062	249	0.0738	331	0.0528
198	-0.3092	250	0.0558	332	0.0518
199	-0.3082	251	-0.2992	333	0.0518
200	-0.3062	252	-0.0072	334	0.0518
201	-0.2972	253	0.4098	335	0.0518
202	-0.2952	254	0.2508	336	0.0518
203	-0.2932	255	-0.4682	337	0.0498
204	-0.2932	256	-0.4472	338	0.0508
205	0.3798	257	-0.4302	339	0.0508
206	0.4048	258	-0.3652	340	0.0528
207	0.3938	259	-0.1672	341	0.0508
208	0.3918	260	-0.0042	350	-0.0672
210	0.4628	261	0.1118	351	0.0548
211	0.4018	262	0.1238	352	0.0548
212	0.2688	263	-0.0552	353	0.0568
213	-0.5742	264	0.0018	354	0.0548
214	-0.4722	265	0.2378	355	0.0548
215	-0.4022	266	0.2848		
216	-0.2242	267	-0.0962		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 551
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 26.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.006
TUNNEL DYNAMIC PRESSURE(PSF) = 705.
TUNNEL STAGNATION PRESSURE(PSF) = 1897.
TUNNEL STATIC PRESSURE(PSF) = 996.
REYNOLDS NUMBER PER FOOT = 3.9920E 06
MODEL ANGLE OF ATTACK(DEG) = -14.24
FIN ANGLE(DEG) = -0.58
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 545.

SCANIVALUE	CP(REF)
147	0.8522
247	0.8512
347	0.8522
447	0.8532
547	0.8532
647	0.8542
747	0.8532

ORF	CP	ORF	CP	ORF	CP
1	-0.0368	52	-0.1678	102	-0.3588
2	-0.3108	53	-0.3458	103	-0.6848
3	-0.3198	54	-0.3408	104	-0.6608
4	-0.2378	55	0.1122	105	-0.5508
5	-0.1778	56	0.0762	110	-0.3498
6	-0.1488	57	0.0562	111	-0.3658
7	-0.1378	58	0.0322	112	-0.3568
8	-0.1368	59	0.0112	113	-0.3698
9	-0.1368	60	-0.0088	114	-0.3298
10	-0.1438	61	-0.0398	115	-0.3638
11	-0.1418	62	-0.0818	116	-0.3218
12	-0.1558	63	-0.1478	117	-0.3018
13	-0.1828	64	-0.4178	118	-0.2818
14	-0.2938	65	-0.3638	119	-0.1708
15	-0.3298	66	0.1712	120	0.0222
16	-0.1358	67	0.1302	121	0.0222
17	-0.1528	68	0.1112	122	-0.0438
18	-0.1408	69	0.0742	123	-0.4008
19	-0.1278	70	0.0502	124	-0.2048
20	-0.1228	71	0.0182	125	-0.1498
21	-0.1188	72	-0.0378	126	-0.0948
22	-0.1238	73	-0.1368	127	-0.1238
23	-0.1288	74	-0.3588	128	-0.4058
24	-0.1328	75	0.2362	129	-0.3468
25	-0.1378	76	0.1832	135	-0.0578
26	-0.1548	77	0.1372	136	-0.0848
27	-0.1828	78	0.0902	137	-0.0488
28	-0.2908	79	0.0442	138	0.1112
29	-0.3438	80	-0.0418	139	0.1112
30	-0.0408	81	-0.2028	140	0.1172
32	-0.0748	82	-0.3758	141	0.1932
33	-0.0748	83	0.2132	142	0.1522
34	-0.0828	84	0.1802	143	0.2022
35	-0.0938	85	0.1122	145	-0.0858
36	-0.0968	86	0.0342	147	0.1612
37	-0.1108	87	-0.0748	151	-0.1338
38	-0.1168	88	-0.2088	152	-0.2928
39	-0.1318	89	-0.4218	153	-0.2798
40	-0.1758	90	0.1942	154	-0.3008
41	-0.2658	91	0.0212	155	-0.1528
42	-0.3458	92	-0.1058	156	-0.1188
43	0.0402	93	-0.1918	157	-0.2138
44	0.0082	94	-0.3008	158	0.1782
45	-0.0128	95	-0.5078	159	-0.0108
46	-0.0218	96	-0.5218	160	-0.0368
47	-0.0348	97	-0.5168	161	-0.1148
48	-0.0488	98	-0.3618	162	0.0952
49	-0.0678	99	-0.7028	163	-0.0098
50	-0.0838	100	-0.7988	164	0.1092
51	-0.1128	101	-0.3928	165	-0.1788

ORF	CP	ORF	CP	ORF	CP
166	0.0782	217	-0.7258	268	-0.2448
167	-0.0468	218	-0.7888	269	0.0002
168	-0.1048	219	-0.7248	270	0.1002
169	-0.1938	220	-0.2258	271	-0.3688
170	-0.0798	221	-0.6218	272	-0.3138
171	-0.1158	222	-0.5038	273	0.0152
172	-0.2318	223	0.0252	274	0.0612
173	-0.0638	224	0.0242	275	0.1772
174	-0.1738	225	0.2272	276	0.1702
175	-0.2478	226	0.0942	277	0.0312
176	-0.3048	227	-1.1088	278	-0.6518
177	-0.3308	228	-1.0528	279	-0.6248
178	-0.3808	229	-0.9998	280	-0.5578
179	-0.3378	230	-0.8968	281	-0.3918
180	-0.3028	231	-0.8568	282	-0.1918
181	0.1162	232	-0.8418	283	-0.1488
182	0.3742	233	-0.5928	284	-0.1348
183	0.7722	234	-0.1918	285	-0.1578
184	0.9252	235	-0.4478	286	-0.3848
185	0.9532	236	-0.4468	287	-0.3698
186	1.0492	237	-0.0868	288	-0.0408
187	1.2122	238	-0.0118	289	0.0012
188	1.2702	239	0.0772	290	0.0002
189	1.2682	240	0.0012	291	-0.3318
190	-0.2748	241	-1.0138	292	0.0222
191	-0.2408	242	-0.9088	325	0.0412
192	-0.2708	244	-0.5608	326	0.0422
193	-0.2728	245	-0.4258	327	0.0402
194	-0.2718	246	-0.3778	328	0.0392
195	-0.2468	247	-0.3038	329	0.0402
196	-0.2548	248	-0.1328	330	0.0402
197	-0.2608	249	-0.1438	331	0.0432
198	-0.2488	250	0.0482	332	0.0422
199	-0.2428	251	-0.2618	333	0.0402
200	-0.2398	252	-0.1768	334	0.0402
201	-0.2288	253	0.1152	335	0.0422
202	-0.2418	254	-0.0268	336	0.0422
203	-0.2298	255	-0.5738	337	0.0412
204	-0.2178	256	-0.5728	338	0.0412
205	0.1272	257	-0.5588	339	0.0392
206	0.1422	258	-0.4658	340	0.0392
207	0.1602	259	-0.2608	341	0.0402
208	0.1632	260	-0.1958	350	-0.1328
210	0.1632	261	-0.1728	351	0.0482
211	-0.3248	262	-0.1528	352	0.0472
212	-0.3038	263	-0.2778	353	0.0482
213	-1.0598	264	-0.2078	354	0.0482
214	-1.0558	265	-0.0218	355	0.0492
215	-0.9678	266	0.0382		
216	-0.8598	267	-0.3048		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 552
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 26.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.003
TUNNEL DYNAMIC PRESSURE(PSF) = 702.
TUNNEL STAGNATION PRESSURE(PSF) = 1894.
TUNNEL STATIC PRESSURE(PSF) = 996.
REYNOLDS NUMBER PER FOOT = 3.9860E 06
MODEL ANGLE OF ATTACK(DEG) = -12.08
FIN ANGLE(DEG) = -0.41
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 545.

SCANIVALUE	CP(REF)
147	0.8552
247	0.8552
347	0.8542
447	0.8552
547	0.8592
647	0.8592
747	0.8592

ORF	CP	ORF	CP	ORF	CP
1	-0.0278	52	-0.1378	102	-0.3418
2	-0.3098	53	-0.3408	103	-0.6638
3	-0.3018	54	-0.3228	104	-0.6468
4	-0.2218	55	0.1552	105	-0.5408
5	-0.1608	56	0.1172	110	-0.2888
6	-0.1278	57	0.0972	111	-0.3408
7	-0.1158	58	0.0712	112	-0.3328
8	-0.1118	59	0.0492	113	-0.3208
9	-0.1098	60	0.0242	114	-0.3288
10	-0.1178	61	-0.0078	115	-0.3018
11	-0.1198	62	-0.0568	116	-0.2568
12	-0.1328	63	-0.1268	117	-0.2438
13	-0.1568	64	-0.4078	118	-0.1868
14	-0.2738	65	-0.3388	119	-0.1258
15	-0.3128	66	0.2122	120	0.0372
16	-0.1278	67	0.1672	121	0.0372
17	-0.1348	68	0.1352	122	-0.0258
18	-0.1208	69	0.1002	123	-0.3368
19	-0.1088	70	0.0592	124	-0.1608
20	-0.0918	71	0.0252	125	-0.1168
21	-0.0888	72	-0.0368	126	-0.0698
22	-0.0908	73	-0.1448	127	-0.1048
23	-0.0958	74	-0.3378	128	-0.3468
24	-0.1018	75	0.2472	129	-0.3008
25	-0.1128	76	0.1922	135	-0.0298
26	-0.1298	77	0.1392	136	-0.0538
27	-0.1678	78	0.0912	137	-0.0218
28	-0.2758	79	0.0252	138	0.1342
29	-0.3258	80	-0.0588	139	0.1292
30	-0.0298	81	-0.2218	140	0.1432
32	-0.0358	82	-0.3648	141	0.2072
33	-0.0398	83	0.2192	142	0.1632
34	-0.0468	84	0.1762	143	0.2032
35	-0.0568	85	0.0982	145	-0.0558
36	-0.0628	86	0.0022	147	0.1622
37	-0.0728	87	-0.0928	151	-0.1488
38	-0.0888	88	-0.2278	152	-0.2798
39	-0.1078	89	-0.4168	153	-0.2848
40	-0.1488	90	0.1862	154	-0.3238
41	-0.2498	91	0.0012	155	-0.0738
42	-0.3318	92	-0.1118	156	-0.0848
43	0.0652	93	-0.1978	157	-0.1928
44	0.0512	94	-0.3028	158	0.2522
45	0.0292	95	-0.5008	159	0.0432
46	0.0142	96	-0.4388	160	0.0202
47	0.0052	97	-0.4948	161	-0.0588
48	-0.0138	98	-0.3438	162	0.1302
49	-0.0238	99	-0.7708	163	0.0252
50	-0.0488	100	-0.7608	164	0.1292
51	-0.0848	101	-0.3668	165	-0.1588

ORF	CP	ORF	CP	ORF	CP
166	0.0842	217	-0.6818	268	-0.2198
167	-0.0298	218	-0.7418	269	0.0392
168	-0.0888	219	-0.5958	270	0.1302
169	-0.1798	220	-0.1708	271	-0.3468
170	-0.0538	221	-0.5388	272	-0.2998
171	-0.1048	222	-0.4268	273	0.0432
172	-0.2158	223	0.0322	274	0.0842
173	-0.0468	224	0.0492	275	0.1862
174	-0.1498	225	0.2082	276	0.1842
175	-0.2298	226	0.0762	277	0.0452
176	-0.2978	227	-1.1078	278	-0.6598
177	-0.3448	228	-1.0348	279	-0.6218
178	-0.4558	229	-0.9628	280	-0.5548
179	-0.3958	230	-0.8298	281	-0.3488
180	-0.2988	231	-0.7868	282	-0.1658
181	0.1482	232	-0.6898	283	-0.1188
182	0.4082	233	-0.4718	284	-0.1028
183	0.7282	234	-0.1468	285	-0.1318
184	0.8862	235	-0.3528	286	-0.3618
185	0.9162	236	-0.3648	287	-0.3548
186	1.0132	237	-0.0758	288	-0.0178
187	1.1862	238	-0.0088	289	0.0222
188	1.2672	239	0.1062	290	0.0492
189	1.2722	240	0.0092	291	-0.3588
190	-0.2718	241	-0.8738	292	0.0382
191	-0.2298	242	-0.7828	325	0.0522
192	-0.2768	244	-0.4708	326	0.0522
193	-0.2618	245	-0.3738	327	0.0502
194	-0.2538	246	-0.3288	328	0.0512
195	-0.2278	247	-0.2548	329	0.0502
196	-0.2378	248	-0.1388	330	0.0522
197	-0.2488	249	-0.1168	331	0.0542
198	-0.2378	250	0.0582	332	0.0522
199	-0.2338	251	-0.2488	333	0.0532
200	-0.2318	252	-0.1548	334	0.0512
201	-0.2218	253	0.1592	335	0.0542
202	-0.2288	254	0.0052	336	0.0522
203	-0.2188	255	-0.5618	337	0.0532
204	-0.2118	256	-0.5728	338	0.0512
205	0.1472	257	-0.5578	339	0.0502
206	0.1602	258	-0.4898	340	0.0512
207	0.1682	259	-0.2868	341	0.0492
208	0.1782	260	-0.1948	350	-0.0758
210	0.2162	261	-0.1598	351	0.0552
211	-0.2088	262	-0.1338	352	0.0552
212	-0.2078	263	-0.2568	353	0.0572
213	-1.0338	264	-0.1828	354	0.0582
214	-0.9968	265	0.0252	355	0.0592
215	-0.8948	266	0.0742		
216	-0.7608	267	-0.2878		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 553
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 26.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.998
TUNNEL DYNAMIC PRESSURE(PSF) = 700.
TUNNEL STAGNATION PRESSURE(PSF) = 1897.
TUNNEL STATIC PRESSURE(PSF) = 1005.
REYNOLDS NUMBER PER FOOT = 3.9890E 06
MODEL ANGLE OF ATTACK(DEG) = -8.09
FIN ANGLE(DEG) = -0.27
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 545.

SCANIVALUE	CP(REF)
147	0.8463
247	0.8453
347	0.8463
447	0.8453
547	0.8473
647	0.8483
747	0.8473

ORF	CP	ORF	CP	ORF	CP
1	0.0003	52	-0.0817	102	-0.3177
2	-0.2197	53	-0.3107	103	-0.7237
3	-0.2007	54	-0.3167	104	-0.7157
4	-0.1217	55	0.2593	105	-0.5527
5	-0.0777	56	0.2073	110	-0.2647
6	-0.0447	57	0.1723	111	-0.3187
7	-0.0307	58	0.1373	112	-0.2837
8	-0.0257	59	0.1073	113	-0.2637
9	-0.0197	60	0.0743	114	-0.3147
10	-0.0207	61	0.0393	115	-0.2717
11	-0.0327	62	-0.0127	116	-0.2247
12	-0.0437	63	-0.0857	117	-0.1897
13	-0.0807	64	-0.4557	118	-0.1247
14	-0.2047	65	-0.3667	119	-0.1127
15	-0.2607	66	0.2773	120	0.0323
16	-0.0797	67	0.2163	121	0.0333
17	-0.0717	68	0.1743	122	-0.0107
18	-0.0567	69	0.1343	123	-0.2947
19	-0.0327	70	0.0933	124	-0.1157
20	-0.0157	71	0.0483	125	-0.0737
21	-0.0057	72	-0.0087	126	-0.0327
22	-0.0007	73	-0.1107	127	-0.0577
23	-0.0027	74	-0.4277	128	-0.3057
24	-0.0157	75	0.2733	129	-0.2467
25	-0.0287	76	0.2023	135	-0.0117
26	-0.0487	77	0.1453	136	-0.0177
27	-0.0937	78	0.0873	137	-0.0107
28	-0.2117	79	0.0283	138	0.1523
29	-0.2847	80	-0.0527	139	0.1553
30	0.0233	81	-0.2067	140	0.1513
32	0.0413	82	-0.4867	141	0.1943
33	0.0383	83	0.2283	142	0.1833
34	0.0373	84	0.1703	143	0.1943
35	0.0323	85	0.0843	145	-0.0177
36	0.0233	86	-0.0087	147	0.1893
37	0.0103	87	-0.0957	151	-0.1057
38	-0.0067	88	-0.2117	152	-0.2787
39	-0.0297	89	-0.5327	153	-0.2817
40	-0.0857	90	0.1643	154	-0.3147
41	-0.1957	91	-0.0267	155	-0.0237
42	-0.2997	92	-0.1247	156	0.0113
43	0.1733	93	-0.1987	157	-0.1327
44	0.1483	94	-0.2907	158	0.2623
45	0.1243	95	-0.5697	159	0.1063
46	0.1103	96	-0.3827	160	0.0703
47	0.0893	97	-0.4487	161	-0.0197
48	0.0753	98	-0.2997	162	0.1543
49	0.0463	99	-0.6047	163	0.0593
50	0.0213	100	-0.5937	164	0.1513
51	-0.0217	101	-0.3517	165	-0.1447

ORF	CP	ORF	CP	ORF	CP
166	0.1133	217	-0.5077	268	-0.1957
167	0.0163	218	-0.2907	269	0.0783
168	-0.0397	219	-0.1607	270	0.1513
169	-0.1487	220	-0.1297	271	-0.3217
170	-0.0237	221	-0.5067	272	-0.2667
171	-0.0407	222	-0.3997	273	0.0763
172	-0.1807	223	-0.0117	274	0.1193
173	0.0193	224	-0.0087	275	0.2063
174	-0.1347	225	0.1853	276	0.1983
175	-0.2337	226	0.0453	277	0.0613
176	-0.3007	227	-1.1037	278	-0.5537
177	-0.3127	228	-1.0197	279	-0.5287
178	-0.4387	229	-0.9197	280	-0.4217
179	-0.3887	230	-0.5927	281	-0.2197
180	-0.2877	231	-0.3607	282	-0.0827
181	0.1503	232	-0.2547	283	-0.0437
182	0.3603	233	-0.1637	284	-0.0147
183	0.6163	234	-0.1157	285	-0.0577
184	0.7633	235	-0.2967	286	-0.3427
185	0.8193	236	-0.3297	287	-0.3147
186	0.9023	237	-0.1147	288	0.0323
187	1.0593	238	-0.0617	289	0.0653
188	1.1763	239	0.2193	290	0.0983
189	1.2023	240	0.0933	291	-0.4077
190	-0.2687	241	-0.6927	292	0.0263
191	-0.2477	242	-0.6967	325	0.0443
192	-0.2677	244	-0.4837	326	0.0443
193	-0.2757	245	-0.2847	327	0.0433
194	-0.2507	246	-0.1817	328	0.0443
195	-0.2327	247	-0.1177	329	0.0443
196	-0.2437	248	-0.0957	330	0.0443
197	-0.2547	249	-0.1077	331	0.0453
198	-0.2417	250	0.0473	332	0.0433
199	-0.2357	251	-0.2457	333	0.0443
200	-0.2407	252	-0.1347	334	0.0443
201	-0.2217	253	0.2203	335	0.0443
202	-0.2377	254	0.0773	336	0.0433
203	-0.2207	255	-0.6227	337	0.0443
204	-0.2167	256	-0.5977	338	0.0443
205	0.2003	257	-0.5547	339	0.0433
206	0.2203	258	-0.4227	340	0.0443
207	0.2323	259	-0.2097	341	0.0443
208	0.2463	260	-0.1117	350	-0.0827
210	0.2653	261	-0.0567	351	0.0473
211	0.0443	262	-0.0557	352	0.0463
212	-0.0507	263	-0.2207	353	0.0483
213	-1.0007	264	-0.1497	354	0.0483
214	-0.9127	265	0.0823	355	0.0473
215	-0.7997	266	0.1213		
216	-0.5967	267	-0.2437		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 554
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 26.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.998
TUNNEL DYNAMIC PRESSURE(PSF) = 699.
TUNNEL STAGNATION PRESSURE(PSF) = 1895.
TUNNEL STATIC PRESSURE(PSF) = 1003.
REYNOLDS NUMBER PER FOOT = 3.9890E 06
MODEL ANGLE OF ATTACK(DEG) = -6.03
FIN ANGLE(DEG) = -0.18
FREE*STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 544.

SCANIVALUE	CP(REF)
147	0.8481
247	0.8481
347	0.8481
447	0.8481
547	0.8471
647	0.8471
747	0.8471

ORF	CP	ORF	CP	ORF	CP
1	0.0001	52	-0.0719	102	-0.2839
2	-0.2319	53	-0.2989	103	-0.7059
3	-0.2329	54	-0.2869	104	-0.6829
4	-0.1399	55	0.2531	105	-0.5209
5	-0.0679	56	0.2051	110	-0.2609
6	-0.0289	57	0.1731	111	-0.2959
7	-0.0099	58	0.1411	112	-0.2419
8	0.0041	59	0.1131	113	-0.2479
9	0.0081	60	0.0771	114	-0.2969
10	0.0041	61	0.0391	115	-0.2519
11	-0.0039	62	-0.0079	116	-0.2099
12	-0.0199	63	-0.0829	117	-0.1749
13	-0.0539	64	-0.4489	118	-0.1129
14	-0.1779	65	-0.3639	119	-0.0809
15	-0.2309	66	0.2711	120	0.0361
16	-0.0769	67	0.2041	121	0.0351
17	-0.0779	68	0.1621	122	-0.0069
18	-0.0459	69	0.1221	123	-0.2699
19	-0.0189	70	0.0851	124	-0.0849
20	0.0031	71	0.0431	125	-0.0569
21	0.0131	72	-0.0129	126	-0.0009
22	0.0201	73	-0.1109	127	-0.0329
23	0.0181	74	-0.4419	128	-0.2529
24	0.0121	75	0.2561	129	-0.2159
25	0.0001	76	0.1821	135	-0.0009
26	-0.0229	77	0.1271	136	-0.0069
27	-0.0669	78	0.0721	137	-0.0109
28	-0.1889	79	0.0111	138	0.1491
29	-0.2509	80	-0.0659	139	0.1511
30	0.0371	81	-0.2139	140	0.1501
32	0.0511	82	-0.5049	141	0.1871
33	0.0591	83	0.2041	142	0.1891
34	0.0611	84	0.1451	143	0.1911
35	0.0531	85	0.0611	145	-0.0069
36	0.0461	86	-0.0289	147	0.1891
37	0.0331	87	-0.1119	151	-0.0809
38	0.0131	88	-0.2169	152	-0.2669
39	-0.0109	89	-0.5349	153	-0.2669
40	-0.0629	90	0.1301	154	-0.3039
41	-0.1759	91	-0.0439	155	-0.0579
42	-0.2599	92	-0.1259	156	-0.0089
43	0.1811	93	-0.1919	157	-0.1499
44	0.1571	94	-0.2779	158	0.2611
45	0.1391	95	-0.5409	159	0.0991
46	0.1241	96	-0.4839	160	0.0671
47	0.1041	97	-0.4449	161	-0.0249
48	0.0861	98	-0.2119	162	0.1901
49	0.0611	99	-0.4029	163	0.0851
50	0.0341	100	-0.3869	164	0.1531
51	-0.0099	101	-0.3269	165	-0.1209

ORF	CP	ORF	CP	ORF	CP
166	0.1591	217	-0.3639	268	-0.1669
167	0.0571	218	-0.2319	269	0.0921
168	-0.0039	219	-0.1139	270	0.1741
169	-0.1189	220	-0.0969	271	-0.2959
170	-0.0019	221	-0.4619	272	-0.2449
171	0.0171	222	-0.3549	273	0.1031
172	-0.1499	223	-0.0099	274	0.1521
173	0.0371	224	-0.0119	275	0.2841
174	-0.1069	225	0.2481	276	0.2151
175	-0.2109	226	0.0991	277	0.0751
176	-0.2929	227	-1.1019	278	-0.5399
177	-0.2909	228	-1.0179	279	-0.5199
178	-0.4049	229	-0.9139	280	-0.4569
179	-0.3509	230	-0.6189	281	-0.2749
180	-0.2629	231	-0.2799	282	-0.0779
181	0.2351	232	-0.1819	283	-0.0219
182	0.4251	233	-0.0919	284	0.0091
183	0.5371	234	-0.0719	285	-0.0319
184	0.6821	235	-0.2589	286	-0.3119
185	0.7311	236	-0.2729	287	-0.2889
186	0.7881	237	-0.0879	288	0.0751
187	0.9541	238	-0.0399	289	0.1101
188	1.0541	239	0.3411	290	0.1101
189	1.1001	240	0.2151	291	-0.3809
190	-0.2469	241	-0.9409	292	0.0241
191	-0.2259	242	-0.8459	325	0.0421
192	-0.2709	244	-0.5429	326	0.0421
193	-0.2499	245	-0.2689	327	0.0431
194	-0.2379	246	-0.1369	328	0.0441
195	-0.2259	247	-0.0549	329	0.0441
196	-0.2469	248	-0.0389	330	0.0431
197	-0.2449	249	-0.0599	331	0.0431
198	-0.2369	250	0.0491	332	0.0441
199	-0.2439	251	-0.2399	333	0.0461
200	-0.2209	252	-0.1189	334	0.0451
201	-0.2169	253	0.2351	335	0.0431
202	-0.2329	254	0.0821	336	0.0431
203	-0.2229	255	-0.5859	337	0.0431
204	-0.2209	256	-0.5569	338	0.0421
205	0.2311	257	-0.5259	339	0.0431
206	0.2621	258	-0.3949	340	0.0441
207	0.2641	259	-0.1759	341	0.0441
208	0.2611	260	-0.0769	350	-0.0529
210	0.3161	261	-0.0179	351	0.0401
211	0.1901	262	-0.0199	352	0.0421
212	0.0621	263	-0.1779	353	0.0441
213	-0.9599	264	-0.1219	354	0.0471
214	-0.8789	265	0.0931	355	0.0461
215	-0.7649	266	0.1391		
216	-0.5639	267	-0.2089		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 555
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 26.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.999
TUNNEL DYNAMIC PRESSURE(PSF) = 700.
TUNNEL STAGNATION PRESSURE(PSF) = 1895.
TUNNEL STATIC PRESSURE(PSF) = 1002.
REYNOLDS NUMBER PER FOOT = 3.9930E 06
MODEL ANGLE OF ATTACK(DEG) = -4.01
FIN ANGLE(DEG) = -0.35
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 544.

SCANIVALUE	CP(REF)
147	0.8486
247	0.8476
347	0.8476
447	0.8486
547	0.8486
647	0.8476
747	0.8476

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 556
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 26.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.002
TUNNEL DYNAMIC PRESSURE(PSF) = 702.
TUNNEL STAGNATION PRESSURE(PSF) = 1895.
TUNNEL STATIC PRESSURE(PSF) = 999.
REYNOLDS NUMBER PER FOOT = 3.9990E 06
MODEL ANGLE OF ATTACK(DEG) = -1.95
FIN ANGLE(DEG) = -0.48
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 544.

SCANIVALUE	CP(REF)
147	0.8509
247	0.8499
347	0.8509
447	0.8509
547	0.8549
647	0.8549
747	0.8549

ORF	CP	ORF	CP	ORF	CP
1	0.0859	52	-0.0541	102	-0.2351
2	-0.2281	53	-0.2831	103	-0.6281
3	-0.2541	54	-0.2941	104	-0.5991
4	-0.1531	55	0.1909	105	-0.4181
5	-0.0521	56	0.1559	110	-0.2391
6	-0.0031	57	0.1379	111	-0.2571
7	0.0269	58	0.1189	112	-0.1981
8	0.0409	59	0.0949	113	-0.2171
9	0.0429	60	0.0719	114	-0.2571
10	0.0419	61	0.0409	115	-0.2371
11	0.0349	62	-0.0041	116	-0.1991
12	0.0169	63	-0.0691	117	-0.1341
13	-0.0151	64	-0.4591	118	-0.0771
14	-0.1481	65	-0.4121	119	-0.0581
15	-0.2031	66	0.1979	120	0.0469
16	-0.0721	67	0.1519	121	0.0509
17	-0.0731	68	0.1229	122	0.0059
18	-0.0301	69	0.0939	123	-0.2591
19	0.0069	70	0.0629	124	-0.0751
20	0.0339	71	0.0309	125	-0.0401
21	0.0479	72	-0.0171	126	0.0179
22	0.0529	73	-0.1031	127	-0.0131
23	0.0509	74	-0.4681	128	-0.2671
24	0.0459	75	0.1869	129	-0.1781
25	0.0339	76	0.1419	135	0.0209
26	0.0109	77	0.1029	136	0.0229
27	-0.0301	78	0.0579	137	0.0169
28	-0.1601	79	0.0049	138	0.1649
29	-0.2231	80	-0.0581	139	0.1659
30	0.0439	81	-0.1811	140	0.1619
32	0.0619	82	-0.4861	141	0.1939
33	0.0719	83	0.1469	142	0.1969
34	0.0759	84	0.0939	143	0.1969
35	0.0709	85	0.0229	145	0.0209
36	0.0649	86	-0.0351	147	0.1939
37	0.0539	87	-0.0881	151	-0.0661
38	0.0379	88	-0.1791	152	-0.2381
39	0.0099	89	-0.4291	153	-0.2661
40	-0.0341	90	0.0569	154	-0.3071
41	-0.1471	91	-0.0271	155	0.0569
42	-0.2381	92	-0.0661	156	0.0289
43	0.1499	93	-0.1091	157	-0.1201
44	0.1329	94	-0.1811	158	0.3899
45	0.1189	95	-0.4261	159	0.1599
46	0.1099	96	-0.3801	160	0.1269
47	0.0979	97	-0.4551	161	0.0259
48	0.0829	98	0.0249	162	0.3069
49	0.0629	99	-0.0061	163	0.2119
50	0.0399	100	-0.2071	164	0.1649
51	0.0019	101	-0.2741	165	-0.0491

ORF	CP	ORF	CP	ORF	CP
166	0.3379	217	-0.1401	268	-0.1301
167	0.2139	218	-0.0461	269	0.1639
168	0.1379	219	0.0059	270	0.2629
169	0.0119	220	-0.0071	271	-0.2441
170	0.1869	221	-0.4581	272	-0.2211
171	0.1609	222	-0.3321	273	0.1959
172	-0.0661	223	0.0409	274	0.2369
173	0.0489	224	0.0289	275	0.3869
174	-0.0641	225	0.3349	276	0.3139
175	-0.2061	226	0.1809	277	0.1759
176	-0.3131	227	-0.7261	278	-0.5281
177	-0.2821	228	-0.6861	279	-0.5141
178	-0.4191	229	-0.5871	280	-0.4711
179	-0.3501	230	-0.3921	281	-0.3321
180	-0.2481	231	-0.1471	282	-0.0941
181	0.2819	232	-0.0431	283	0.0159
182	0.4329	233	0.0139	284	0.0529
183	0.4729	234	0.0119	285	0.0079
184	0.6339	235	-0.1831	286	-0.2641
185	0.6699	236	-0.2361	287	-0.2831
186	0.7459	237	-0.0521	288	0.1509
187	0.7969	238	0.0189	289	0.2239
188	0.8769	239	0.3409	290	0.1699
189	0.9249	240	0.2219	291	-0.4191
190	-0.2321	241	-0.5391	292	0.0519
191	-0.2421	242	-0.5351	325	0.0529
192	-0.2451	244	-0.3651	326	0.0539
193	-0.2521	245	-0.1341	327	0.0529
194	-0.2421	246	-0.0271	328	0.0519
195	-0.2391	247	0.0179	329	0.0519
196	-0.2611	248	0.0219	330	0.0509
197	-0.2311	249	-0.0021	331	0.0549
198	-0.2381	250	0.0569	332	0.0549
199	-0.2401	251	-0.2271	333	0.0529
200	-0.2321	252	-0.0801	334	0.0519
201	-0.2221	253	0.2689	335	0.0519
202	-0.2301	254	0.1329	336	0.0519
203	-0.2291	255	-0.4571	337	0.0539
204	-0.2221	256	-0.4481	338	0.0529
205	0.2839	257	-0.4271	339	0.0529
206	0.3259	258	-0.3421	340	0.0509
207	0.3139	259	-0.1111	341	0.0509
208	0.3079	260	-0.0061	350	-0.0481
210	0.3739	261	0.0319	351	0.0539
211	0.3409	262	0.0279	352	0.0539
212	0.1979	263	-0.1341	353	0.0569
213	-0.7951	264	-0.0791	354	0.0559
214	-0.6641	265	0.1519	355	0.0599
215	-0.5731	266	0.2039		
216	-0.3851	267	-0.1661		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 557
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 26.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.999
TUNNEL DYNAMIC PRESSURE(PSF) = 700.
TUNNEL STAGNATION PRESSURE(PSF) = 1895.
TUNNEL STATIC PRESSURE(PSF) = 1002.
REYNOLDS NUMBER PER FOOT = 3.9970E 06
MODEL ANGLE OF ATTACK(DEG) = 0.12
FIN ANGLE(DEG) = -0.65
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 544.

SCANIVALUE	CP(REF)
147	0.8486
247	0.8476
347	0.8486
447	0.8486
547	0.8486
647	0.8486
747	0.8476

ORF	CP	ORF	CP	ORF	CP
1	0.1486	52	-0.0434	102	-0.2114
2	-0.2734	53	-0.2814	103	-0.5944
3	-0.3754	54	-0.3904	104	-0.5764
4	-0.2344	55	0.1536	105	-0.3744
5	-0.1194	56	0.1326	110	-0.2484
6	-0.0514	57	0.1176	111	-0.2684
7	0.0056	58	0.1006	112	-0.2044
8	0.0346	59	0.0836	113	-0.2224
9	0.0506	60	0.0606	114	-0.2414
10	0.0546	61	0.0326	115	-0.2354
11	0.0496	62	-0.0074	116	-0.2074
12	0.0386	63	-0.0734	117	-0.1484
13	0.0046	64	-0.4644	118	-0.0934
14	-0.1334	65	-0.4524	119	-0.0544
15	-0.1974	66	0.1496	120	0.0396
16	-0.1514	67	0.1276	121	0.0376
17	-0.1974	68	0.1026	122	0.0146
18	-0.0804	69	0.0786	123	-0.2454
19	-0.0264	70	0.0496	124	-0.0654
20	0.0126	71	0.0146	125	-0.0334
21	0.0426	72	-0.0334	126	0.0106
22	0.0596	73	-0.1224	127	-0.0174
23	0.0646	74	-0.4794	128	-0.2634
24	0.0636	75	0.1386	129	-0.1744
25	0.0546	76	0.1056	135	0.0206
26	0.0376	77	0.0656	136	0.0246
27	-0.0094	78	0.0296	137	0.0196
28	-0.1484	79	-0.0164	138	0.1546
29	-0.2304	80	-0.0714	139	0.1576
30	-0.0324	81	-0.2024	140	0.1516
32	0.0396	82	-0.4924	141	0.1896
33	0.0556	83	0.1046	142	0.1906
34	0.0676	84	0.0636	143	0.1906
35	0.0746	85	0.0136	145	0.0166
36	0.0766	86	-0.0294	147	0.1896
37	0.0686	87	-0.0764	151	0.0066
38	0.0546	88	-0.1714	152	-0.2434
39	0.0326	89	-0.5084	153	-0.2574
40	-0.0124	90	0.0146	154	-0.3104
41	-0.1324	91	-0.0074	155	0.0806
42	-0.2854	92	-0.0454	156	0.0936
43	0.1066	93	-0.0874	157	-0.0844
44	0.1046	94	-0.1604	158	0.3906
45	0.0986	95	-0.5084	159	0.2526
46	0.0986	96	-0.3484	160	0.1966
47	0.0916	97	-0.4444	161	0.0766
48	0.0816	98	0.1036	162	0.3826
49	0.0656	99	0.0666	163	0.2906
50	0.0456	100	-0.1884	164	0.1586
51	0.0116	101	-0.2344	165	-0.0024

ORF	CP	ORF	CP	ORF	CP
166	0.4556	217	-0.0384	268	-0.1284
167	0.2796	218	0.0186	269	0.1806
168	0.2296	219	0.0426	270	0.2606
169	0.0826	220	0.0146	271	-0.2244
170	0.2216	221	-0.4734	272	-0.2274
171	0.1786	222	-0.3604	273	0.1856
172	-0.0594	223	0.0466	274	0.2636
173	0.0426	224	0.0336	275	0.4336
174	-0.0694	225	0.3026	276	0.3906
175	-0.2504	226	0.1556	277	0.2386
176	-0.3294	227	-0.5104	278	-0.6724
177	-0.2274	228	-0.4894	279	-0.6204
178	-0.3784	229	-0.4354	280	-0.5604
179	-0.3474	230	-0.2734	281	-0.4284
180	-0.2604	231	-0.0644	282	-0.1824
181	0.3066	232	-0.0004	283	-0.0384
182	0.4636	233	0.0346	284	0.0586
183	0.4456	234	0.0256	285	0.0266
184	0.6376	235	-0.1704	286	-0.2374
185	0.6976	236	-0.2464	287	-0.2744
186	0.7986	237	-0.0614	288	0.1706
187	0.8926	238	-0.0004	289	0.2736
188	0.9516	239	0.3266	290	0.2086
189	0.9886	240	0.2006	291	-0.4434
190	-0.2484	241	-0.5114	292	0.0376
191	-0.2464	242	-0.5054	325	0.0466
192	-0.2624	244	-0.3064	326	0.0486
193	-0.2684	245	-0.0864	327	0.0436
194	-0.2454	246	-0.0154	328	0.0466
195	-0.2454	247	0.0256	329	0.0506
196	-0.2764	248	0.0316	330	0.0476
197	-0.2504	249	0.0016	331	0.0486
198	-0.2474	250	0.0436	332	0.0436
199	-0.2484	251	-0.2464	333	0.0466
200	-0.2504	252	-0.0524	334	0.0506
201	-0.2364	253	0.3366	335	0.0486
202	-0.2434	254	0.1946	336	0.0466
203	-0.2394	255	-0.5654	337	0.0476
204	-0.2344	256	-0.5404	338	0.0486
205	0.3156	257	-0.5224	339	0.0426
206	0.3446	258	-0.4264	340	0.0456
207	0.3446	259	-0.1874	341	0.0506
208	0.3396	260	-0.0274	350	-0.0504
210	0.3616	261	0.0536	351	0.0426
211	0.3486	262	0.0556	352	0.0436
212	0.2056	263	-0.1294	353	0.0456
213	-0.6104	264	-0.0624	354	0.0436
214	-0.4924	265	0.1886	355	0.0446
215	-0.4354	266	0.2306		
216	-0.2264	267	-0.1634		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 558
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 26.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.998
TUNNEL DYNAMIC PRESSURE(PSF) = 697.
TUNNEL STAGNATION PRESSURE(PSF) = 1888.
TUNNEL STATIC PRESSURE(PSF) = 1000.
REYNOLDS NUMBER PER FOOT = 3.9810E 06
MODEL ANGLE OF ATTACK(DEG) = 2.08
FIN ANGLE(DEG) = -0.58
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 544.

SCANIVALUE	CP(REF)
147	0.8573
247	0.8553
347	0.8563
447	0.8563
547	0.8583
647	0.8583
747	0.8573

ORF	CP	ORF	CP	ORF	CP
1	0.1393	52	-0.0647	102	-0.1937
2	-0.3267	53	-0.3007	103	-0.5897
3	-0.4987	54	-0.3437	104	-0.5647
4	-0.2577	55	0.0613	105	-0.3787
5	-0.1267	56	0.0673	110	-0.2447
6	-0.0557	57	0.0733	111	-0.2637
7	0.0013	58	0.0643	112	-0.2037
8	0.0193	59	0.0503	113	-0.2227
9	0.0403	60	0.0313	114	-0.2417
10	0.0403	61	0.0053	115	-0.2457
11	0.0423	62	-0.0307	116	-0.2147
12	0.0313	63	-0.0997	117	-0.1497
13	-0.0007	64	-0.4707	118	-0.0837
14	-0.1317	65	-0.4427	119	-0.0477
15	-0.1867	66	0.0513	120	0.0403
16	-0.1807	67	0.0653	121	0.0373
17	-0.3047	68	0.0553	122	0.0203
18	-0.1427	69	0.0393	123	-0.2597
19	-0.0167	70	0.0143	124	-0.0457
20	-0.0007	71	-0.0147	125	-0.0327
21	0.0343	72	-0.0587	126	0.0163
22	0.0403	73	-0.1457	127	-0.0077
23	0.0453	74	-0.4787	128	-0.2197
24	0.0473	75	0.0473	129	-0.1487
25	0.0423	76	0.0463	135	0.0163
26	0.0193	77	0.0163	136	0.0243
27	-0.0217	78	-0.0077	137	0.0203
28	-0.1557	79	-0.0347	138	0.1613
29	-0.2147	80	-0.0817	139	0.1613
30	-0.1577	81	-0.2067	140	0.1573
32	0.0013	82	-0.4897	141	0.1893
33	0.0333	83	0.0263	142	0.1893
34	0.0423	84	0.0063	143	0.1913
35	0.0523	85	-0.0127	145	0.0193
36	0.0543	86	-0.0357	147	0.1893
37	0.0493	87	-0.0797	151	0.0523
38	0.0333	88	-0.1697	152	-0.2177
39	0.0143	89	-0.4957	153	-0.2357
40	-0.0347	90	-0.0437	154	-0.2797
41	-0.1537	91	-0.0097	155	0.0733
42	-0.2447	92	-0.0467	156	0.1133
43	0.0323	93	-0.0837	157	-0.0707
44	0.0603	94	-0.1527	158	0.3583
45	0.0593	95	-0.4897	159	0.2443
46	0.0623	96	-0.2367	160	0.1743
47	0.0643	97	-0.4047	161	0.0453
48	0.0583	98	0.1563	162	0.3673
49	0.0433	99	0.1113	163	0.2693
50	0.0263	100	-0.2027	164	0.1593
51	-0.0067	101	-0.2307	165	-0.0147

ORF	CP	ORF	CP	ORF	CP
166	0.4653	217	0.0233	268	-0.0937
167	0.2533	218	0.0513	269	0.1903
168	0.2163	219	0.0693	270	0.2513
169	0.0783	220	0.0353	271	-0.2097
170	0.2823	221	-0.4637	272	-0.1827
171	0.1733	222	-0.3257	273	0.2183
172	-0.0567	223	0.0083	274	0.2743
173	0.0463	224	0.0053	275	0.4483
174	-0.0517	225	0.3553	276	0.3883
175	-0.2477	226	0.2153	277	0.2333
176	-0.3117	227	-0.4967	278	-0.8217
177	-0.1727	228	-0.4807	279	-0.7167
178	-0.3147	229	-0.4337	280	-0.6287
179	-0.2797	230	-0.3107	281	-0.4537
180	-0.2457	231	-0.0677	282	-0.1877
181	0.2513	232	0.0253	283	-0.0417
182	0.3923	233	0.0633	284	0.0493
183	0.3873	234	0.0473	285	0.0253
184	0.5593	235	-0.1527	286	-0.2187
185	0.6323	236	-0.2327	287	-0.2447
186	0.7263	237	-0.0707	288	0.2083
187	0.8283	238	0.0113	289	0.2753
188	0.9053	239	0.3893	290	0.2183
189	0.9223	240	0.2793	291	-0.6367
190	-0.2377	241	-0.7167	292	0.0183
191	-0.2467	242	-0.6297	325	0.0383
192	-0.2507	244	-0.3807	326	0.0393
193	-0.2577	245	-0.1387	327	0.0413
194	-0.2437	246	-0.0207	328	0.0403
195	-0.2337	247	0.0523	329	0.0413
196	-0.2567	248	0.0613	330	0.0403
197	-0.2497	249	0.0353	331	0.0393
198	-0.2457	250	0.0423	332	0.0423
199	-0.2417	251	-0.2337	333	0.0403
200	-0.2417	252	-0.0307	334	0.0413
201	-0.2327	253	0.3893	335	0.0403
202	-0.2347	254	0.2493	336	0.0433
203	-0.2287	255	-0.8247	337	0.0393
204	-0.2317	256	-0.8037	338	0.0383
205	0.3423	257	-0.6837	339	0.0423
206	0.3703	258	-0.4907	340	0.0403
207	0.3743	259	-0.2047	341	0.0423
208	0.3813	260	-0.0207	350	-0.0507
210	0.3313	261	0.0503	351	0.0433
211	0.3253	262	0.0643	352	0.0443
212	0.1913	263	-0.1207	353	0.0423
213	-0.5007	264	-0.0317	354	0.0413
214	-0.3097	265	0.1953	355	0.0413
215	-0.2647	266	0.2253		
216	-0.0897	267	-0.1547		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 559
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 26.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.996
TUNNEL DYNAMIC PRESSURE(PSF) = 696.
TUNNEL STAGNATION PRESSURE(PSF) = 1888.
TUNNEL STATIC PRESSURE(PSF) = 1002.
REYNOLDS NUMBER PER FOOT = 3.9810E 06
MODEL ANGLE OF ATTACK(DEG) = 4.01
FIN ANGLE(DEG) = -0.39
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 544.

SCANIVALUE	CP(REF)
147	0.8543
247	0.8523
347	0.8543
447	0.8553
547	0.8393
647	0.8393
747	0.8393

ORF	CP	ORF	CP	ORF	CP
1	0.0993	52	-0.0747	102	-0.1797
2	-0.3177	53	-0.3057	103	-0.5887
3	-0.3897	54	-0.3137	104	-0.5537
4	-0.2687	55	-0.2977	105	-0.3647
5	-0.1507	56	-0.1267	110	-0.2637
6	-0.0797	57	0.0023	111	-0.2837
7	-0.0367	58	0.0383	112	-0.2287
8	-0.0057	59	0.0353	113	-0.2577
9	0.0123	60	0.0193	114	-0.2307
10	0.0193	61	-0.0057	115	-0.2567
11	0.0223	62	-0.0387	116	-0.2407
12	0.0123	63	-0.1037	117	-0.1807
13	-0.0147	64	-0.4807	118	-0.1267
14	-0.1337	65	-0.4457	119	-0.0917
15	-0.1797	66	-0.3077	120	0.0113
16	-0.2147	67	-0.1687	121	0.0073
17	-0.2597	68	-0.0327	122	-0.0307
18	-0.1767	69	0.0123	123	-0.2897
19	-0.0837	70	0.0033	124	-0.0717
20	-0.0407	71	-0.0237	125	-0.0547
21	-0.0117	72	-0.0677	126	0.0083
22	0.0083	73	-0.1567	127	-0.0397
23	0.0203	74	-0.4607	128	-0.2397
24	0.0233	75	-0.3107	129	-0.1577
25	0.0203	76	-0.2007	135	-0.0047
26	0.0043	77	-0.0687	136	0.0023
27	-0.0387	78	-0.0417	137	-0.0037
28	-0.1597	79	-0.0557	138	0.1353
29	-0.2097	80	-0.0837	139	0.1353
30	-0.2277	81	-0.2227	140	0.1383
32	-0.0347	82	-0.4447	141	0.1693
33	-0.0097	83	-0.2827	142	0.1693
34	0.0083	84	-0.2207	143	0.1703
35	0.0203	85	-0.1007	145	0.0013
36	0.0253	86	-0.0467	147	0.1663
37	0.0263	87	-0.0707	151	0.0623
38	0.0193	88	-0.1787	152	-0.1987
39	-0.0017	89	-0.4457	153	-0.2467
40	-0.0477	90	-0.3497	154	-0.2927
41	-0.1577	91	-0.2117	155	0.1343
42	-0.2427	92	-0.0977	156	0.0923
43	-0.2967	93	-0.0867	157	-0.0887
44	-0.0297	94	-0.1657	158	0.3113
45	0.0363	95	-0.4157	159	0.2303
46	0.0423	96	-0.0447	160	0.1613
47	0.0403	97	-0.3677	161	0.0233
48	0.0383	98	0.2243	162	0.3483
49	0.0273	99	0.1693	163	0.2553
50	0.0113	100	-0.2077	164	0.1383
51	-0.0187	101	-0.2217	165	-0.0137

ORF	CP	ORF	CP	ORF	CP
166	0.4733	217	0.0543	268	-0.0887
167	0.2613	218	0.0913	269	0.1683
168	0.2223	219	0.1053	270	0.2213
169	0.0883	220	0.0713	271	-0.2087
170	0.2833	221	-0.5067	272	-0.1667
171	0.1773	222	-0.3937	273	0.2053
172	-0.0517	223	-0.0027	274	0.2503
173	0.0743	224	0.0123	275	0.4093
174	-0.0417	225	0.4033	276	0.3463
175	-0.2137	226	0.2463	277	0.1833
176	-0.3197	227	-0.4657	278	-0.7597
177	-0.1727	228	-0.4637	279	-0.6837
178	-0.2897	229	-0.4287	280	-0.6117
179	-0.2017	230	-0.3037	281	-0.4527
180	-0.2627	231	-0.0607	282	-0.2007
181	0.1963	232	0.0383	283	-0.0757
182	0.3283	233	0.0863	284	0.0133
183	0.3213	234	0.0693	285	-0.0077
184	0.4903	235	-0.1477	286	-0.2187
185	0.5553	236	-0.2527	287	-0.2267
186	0.6583	237	-0.0737	288	0.2133
187	0.7443	238	0.0143	289	0.2793
188	0.7993	239	0.3523	290	0.2103
189	0.8403	240	0.2443	291	-0.9277
190	-0.2477	241	-0.6737	292	-0.0117
191	-0.2587	242	-0.5927	325	0.0183
192	-0.2587	244	-0.3367	326	0.0213
193	-0.2657	245	-0.1087	327	0.0183
194	-0.2547	246	-0.0207	328	0.0203
195	-0.2587	247	0.0453	329	0.0223
196	-0.2777	248	0.0573	330	0.0223
197	-0.2507	249	0.0323	331	0.0203
198	-0.2537	250	0.0103	332	0.0193
199	-0.2497	251	-0.2517	333	0.0193
200	-0.2517	252	-0.0397	334	0.0223
201	-0.2477	253	0.3463	335	0.0233
202	-0.2507	254	0.2073	336	0.0203
203	-0.2457	255	-0.6747	337	0.0173
204	-0.2437	256	-0.6457	338	0.0203
205	0.3453	257	-0.5887	339	0.0183
206	0.3773	258	-0.4717	340	0.0203
207	0.3853	259	-0.2257	341	0.0213
208	0.4003	260	-0.0677	350	-0.0797
210	0.3023	261	0.0263	351	0.0183
211	0.4123	262	0.0353	352	0.0183
212	0.2653	263	-0.1217	353	0.0163
213	-0.5517	264	-0.0357	354	0.0113
214	-0.3337	265	0.1783	355	0.0103
215	-0.2127	266	0.2103		
216	-0.0367	267	-0.1597		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 560
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 26.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.999
TUNNEL DYNAMIC PRESSURE(PSF) = 698.
TUNNEL STAGNATION PRESSURE(PSF) = 1888.
TUNNEL STATIC PRESSURE(PSF) = 999.
REYNOLDS NUMBER PER FOOT = 3.9830E 06
MODEL ANGLE OF ATTACK(DEG) = 5.98
FIN ANGLE(DEG) = -0.25
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 544.

SCANIVALUE	CP(REF)
147	0.8578
247	0.8558
347	0.8568
447	0.8578
547	0.8518
647	0.8518
747	0.8508

ORF	CP	ORF	CP	ORF	CP
1	0.0028	52	-0.0762	102	-0.1532
2	-0.3962	53	-0.3092	103	-0.5552
3	-0.5342	54	-0.2772	104	-0.5172
4	-0.3222	55	-0.4582	105	-0.3412
5	-0.1702	56	-0.4332	110	-0.2622
6	-0.0862	57	-0.3442	111	-0.2972
7	-0.0342	58	-0.1652	112	-0.2422
8	-0.0092	59	0.0148	113	-0.2622
9	0.0108	60	0.0588	114	-0.1912
10	0.0198	61	0.0298	115	-0.2532
11	0.0228	62	-0.0142	116	-0.2292
12	0.0138	63	-0.0742	117	-0.1812
13	-0.0122	64	-0.4752	118	-0.1132
14	-0.1302	65	-0.4552	119	-0.0712
15	-0.1672	66	-0.4002	120	0.0118
16	-0.3492	67	-0.3872	121	0.0138
17	-0.4072	68	-0.3422	122	-0.0142
18	-0.3032	69	-0.2482	123	-0.2812
19	-0.1412	70	-0.1432	124	-0.0622
20	-0.0552	71	-0.0962	125	-0.0442
21	-0.0262	72	-0.0942	126	0.0118
22	-0.0012	73	-0.1712	127	-0.0252
23	0.0078	74	-0.4212	128	-0.2232
24	0.0138	75	-0.3952	129	-0.1442
25	0.0128	76	-0.3922	135	0.0088
26	0.0018	77	-0.3642	136	0.0078
27	-0.0362	78	-0.2912	137	0.0058
28	-0.1562	79	-0.2482	138	0.1438
29	-0.1932	80	-0.2002	139	0.1458
30	-0.5202	81	-0.2722	140	0.1438
32	-0.0992	82	-0.3612	141	0.1788
33	-0.0122	83	-0.3532	142	0.1738
34	0.0058	84	-0.4162	143	0.1748
35	0.0108	85	-0.3782	145	0.0078
36	0.0168	86	-0.3202	147	0.1728
37	0.0188	87	-0.2702	151	0.0828
38	0.0108	88	-0.2862	152	-0.1712
39	-0.0092	89	-0.3482	153	-0.2432
40	-0.0522	90	-0.4202	154	-0.2962
41	-0.1612	91	-0.4032	155	0.2068
42	-0.2192	92	-0.3902	156	0.0958
43	-0.6382	93	-0.3502	157	-0.0882
44	-0.4122	94	-0.3372	158	0.3078
45	0.0038	95	-0.3342	159	0.2388
46	0.0748	96	0.0858	160	0.1838
47	0.0488	97	-0.3472	161	0.0418
48	0.0378	98	0.3018	162	0.3728
49	0.0248	99	0.2308	163	0.2868
50	0.0088	100	-0.2062	164	0.1448
51	-0.0212	101	-0.2022	165	0.0148

ORF	CP	ORF	CP	ORF	CP
166	0.4988	217	0.1208	268	-0.0542
167	0.3088	218	0.1448	269	0.1898
168	0.2718	219	0.1438	270	0.2238
169	0.1328	220	0.0988	271	-0.1832
170	0.2308	221	-0.4982	272	-0.1422
171	0.2398	222	-0.4002	273	0.2128
172	-0.0072	223	-0.0032	274	0.2578
173	0.1358	224	0.0108	275	0.4388
174	-0.0052	225	0.4128	276	0.3068
175	-0.1542	226	0.2518	277	0.1618
176	-0.3162	227	-0.4082	278	-0.9352
177	-0.1572	228	-0.4082	279	-0.8802
178	-0.2572	229	-0.3742	280	-0.7062
179	-0.1292	230	-0.2682	281	-0.4982
180	-0.2682	231	-0.0202	282	-0.2202
181	0.1918	232	0.0858	283	-0.0782
182	0.3178	233	0.1188	284	0.0098
183	0.2608	234	0.0968	285	0.0018
184	0.4238	235	-0.1242	286	-0.1942
185	0.5008	236	-0.2312	287	-0.1962
186	0.5858	237	-0.0622	288	0.2288
187	0.6688	238	0.0358	289	0.3108
188	0.7258	239	0.3748	290	0.2208
189	0.7308	240	0.2638	291	-0.9502
190	-0.2382	241	-0.6972	292	-0.0112
191	-0.2492	242	-0.6042	325	0.0178
192	-0.2532	244	-0.3372	326	0.0198
193	-0.2562	245	-0.1312	327	0.0168
194	-0.2482	246	-0.0162	328	0.0168
195	-0.2472	247	0.0588	329	0.0178
196	-0.2742	248	0.0788	330	0.0178
197	-0.2512	249	0.0548	331	0.0198
198	-0.2472	250	0.0158	332	0.0188
199	-0.2472	251	-0.2212	333	0.0178
200	-0.2462	252	-0.0082	334	0.0178
201	-0.2452	253	0.3438	335	0.0188
202	-0.2452	254	0.2058	336	0.0178
203	-0.2412	255	-0.9262	337	0.0178
204	-0.2432	256	-0.7912	338	0.0188
205	0.3808	257	-0.6932	339	0.0178
206	0.4268	258	-0.5022	340	0.0158
207	0.4288	259	-0.2182	341	0.0178
208	0.4438	260	-0.0662	350	-0.0782
210	0.2858	261	0.0238	351	0.0148
211	0.4208	262	0.0408	352	0.0148
212	0.2838	263	-0.1042	353	0.0198
213	-0.4652	264	-0.0042	354	0.0198
214	-0.2712	265	0.1908	355	0.0158
215	-0.1262	266	0.2228		
216	0.0408	267	-0.1412		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 561
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 26.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.998
TUNNEL DYNAMIC PRESSURE(PSF) = 697.
TUNNEL STAGNATION PRESSURE(PSF) = 1889.
TUNNEL STATIC PRESSURE(PSF) = 1001.
REYNOLDS NUMBER PER FOOT = 3.9860E 06
MODEL ANGLE OF ATTACK(DEG) = 7.92
FIN ANGLE(DEG) = -0.27
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 543.

SCANIVALUE	CP(REF)
147	0.8548
247	0.8538
347	0.8548
447	0.8548
547	0.8518
647	0.8518
747	0.8518

ORF	CP	ORF	CP	ORF	CP
1	-0.1152	52	-0.0792	102	-0.1322
2	-0.4892	53	-0.3132	103	-0.5342
3	-0.6672	54	-0.2352	104	-0.5022
4	-0.5822	55	-0.6782	105	-0.3452
5	-0.3402	56	-0.6722	110	-0.2682
6	-0.1412	57	-0.6012	111	-0.3252
7	-0.0542	58	-0.4742	112	-0.2922
8	-0.0012	59	-0.1592	113	-0.2822
9	0.0318	60	0.1288	114	-0.2002
10	0.0338	61	0.0848	115	-0.2792
11	0.0388	62	0.0158	116	-0.2712
12	0.0368	63	-0.0652	117	-0.2262
13	0.0118	64	-0.4822	118	-0.1502
14	-0.1282	65	-0.4282	119	-0.0982
15	-0.1632	66	-0.4692	120	-0.0012
16	-0.4592	67	-0.5132	121	-0.0022
17	-0.5362	68	-0.5412	122	-0.0332
18	-0.5642	69	-0.5282	123	-0.3222
19	-0.3532	70	-0.5042	124	-0.0892
20	-0.1772	71	-0.4292	125	-0.0622
21	-0.0762	72	-0.2932	126	-0.0322
22	-0.0302	73	-0.2032	127	-0.0522
23	-0.0052	74	-0.3372	128	-0.2512
24	0.0088	75	-0.4572	129	-0.1512
25	0.0138	76	-0.4692	135	-0.0162
26	0.0038	77	-0.4802	136	-0.0172
27	-0.0292	78	-0.4762	137	-0.0122
28	-0.1572	79	-0.4712	138	0.1288
29	-0.1752	80	-0.4592	139	0.1248
30	-0.7222	81	-0.4402	140	0.1248
32	-0.4052	82	-0.3712	141	0.1838
33	-0.1362	83	-0.4142	142	0.1818
34	-0.0202	84	-0.4942	143	0.1858
35	0.0198	85	-0.4962	145	-0.0242
36	0.0258	86	-0.4802	147	0.1748
37	0.0208	87	-0.4482	151	0.0798
38	0.0088	88	-0.4092	152	-0.1472
39	-0.0122	89	-0.3402	153	-0.2572
40	-0.0592	90	-0.4682	154	-0.3272
41	-0.1762	91	-0.4532	155	0.2658
42	-0.1912	92	-0.4582	156	0.0858
43	-0.8502	93	-0.4622	157	-0.0962
44	-0.6692	94	-0.4372	158	0.3388
45	-0.4232	95	-0.3462	159	0.2748
46	-0.0712	96	0.1108	160	0.2148
47	0.0738	97	-0.3432	161	0.0638
48	0.0618	98	0.3558	162	0.4368
49	0.0378	99	0.2848	163	0.3438
50	0.0148	100	-0.1972	164	0.1288
51	-0.0212	101	-0.1802	165	0.0578

ORF	CP	ORF	CP	ORF	CP
166	0.5858	217	0.1668	268	-0.0432
167	0.3678	218	0.1928	269	0.2108
168	0.3318	219	0.1998	270	0.2418
169	0.1778	220	0.1608	271	-0.1602
170	0.2808	221	-0.5082	272	-0.1412
171	0.3018	222	-0.4402	273	0.2328
172	0.0338	223	-0.0082	274	0.2848
173	0.1498	224	0.0418	275	0.4818
174	0.0208	225	0.4828	276	0.2718
175	-0.1512	226	0.3118	277	0.1378
176	-0.3412	227	-0.4372	278	-1.0232
177	-0.1662	228	-0.4302	279	-0.9382
178	-0.2192	229	-0.4022	280	-0.8182
179	-0.0882	230	-0.3032	281	-0.6242
180	-0.2782	231	-0.0612	282	-0.3532
181	0.2028	232	0.0718	283	-0.1282
182	0.3378	233	0.1438	284	0.0208
183	0.1608	234	0.1438	285	0.0138
184	0.3278	235	-0.0912	286	-0.1682
185	0.4388	236	-0.2222	287	-0.2012
186	0.4278	237	-0.0562	288	0.2578
187	0.5668	238	0.0588	289	0.3688
188	0.6328	239	0.3858	290	0.2268
189	0.6498	240	0.2678	291	-0.9982
190	-0.2492	241	-0.7472	292	-0.0522
191	-0.2632	242	-0.6512	325	0.0088
192	-0.2682	244	-0.3892	326	0.0088
193	-0.2672	245	-0.1612	327	0.0108
194	-0.2652	246	-0.0422	328	0.0088
195	-0.2652	247	0.0638	329	0.0148
196	-0.2892	248	0.0838	330	0.0138
197	-0.2652	249	0.0628	331	0.0078
198	-0.2642	250	-0.0012	332	0.0108
199	-0.2592	251	-0.2472	333	0.0098
200	-0.2632	252	-0.0032	334	0.0138
201	-0.2562	253	0.3228	335	0.0128
202	-0.2612	254	0.1788	336	0.0098
203	-0.2582	255	-1.0122	337	0.0098
204	-0.2552	256	-0.9392	338	0.0098
205	0.4058	257	-0.8362	339	0.0098
206	0.4818	258	-0.6302	340	0.0098
207	0.4648	259	-0.2722	341	0.0148
208	0.4788	260	-0.1022	350	-0.0872
210	0.2758	261	0.0238	351	-0.0012
211	0.5138	262	0.0498	352	-0.0032
212	0.3628	263	-0.0952	353	-0.0022
213	-0.5272	264	0.0088	354	-0.0052
214	-0.2582	265	0.1998	355	-0.0022
215	-0.1032	266	0.2358		
216	0.0818	267	-0.1322		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 562
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 26.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.998
TUNNEL DYNAMIC PRESSURE(PSF) = 697.
TUNNEL STAGNATION PRESSURE(PSF) = 1889.
TUNNEL STATIC PRESSURE(PSF) = 1000.
REYNOLDS NUMBER PER FOOT = 3.9870E 06
MODEL ANGLE OF ATTACK(DEG) = 11.96
FIN ANGLE(DEG) = -0.55
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 543.

SCANIVALUE	CP(REF)
147	0.8553
247	0.8533
347	0.8553
447	0.8553
547	0.8543
647	0.8533
747	0.8533

ORF	CP	ORF	CP	ORF	CP
1	-0.2627	52	0.0063	102	-0.0687
2	-0.5857	53	-0.2207	103	-0.5427
3	-0.6807	54	-0.0987	104	-0.5007
4	-0.6867	55	-0.8957	105	-0.3457
5	-0.6617	56	-0.9697	110	-0.3047
6	-0.5507	57	-1.0017	111	-0.3607
7	-0.2077	58	-0.9117	112	-0.3487
8	-0.0697	59	-0.8387	113	-0.3237
9	-0.0087	60	-0.6717	114	-0.1687
10	0.0293	61	-0.2177	115	-0.3037
11	0.0483	62	0.1953	116	-0.2967
12	0.0523	63	0.1373	117	-0.2657
13	0.0333	64	-0.1697	118	-0.1957
14	-0.0937	65	-0.0737	119	-0.1217
15	-0.1167	66	-0.6737	120	-0.0167
16	-0.5857	67	-0.6597	121	-0.0167
17	-0.6657	68	-0.7377	122	-0.0517
18	-0.7127	69	-0.7607	123	-0.3457
19	-0.7167	70	-0.7287	124	-0.1017
20	-0.5777	71	-0.6687	125	-0.0827
21	-0.3537	72	-0.5837	126	-0.0567
22	-0.1957	73	-0.4657	127	-0.0717
23	-0.1017	74	-0.3907	128	-0.2527
24	-0.0187	75	-0.4657	129	-0.1317
25	0.0213	76	-0.4577	135	-0.0387
26	0.0353	77	-0.4457	136	-0.0487
27	0.0163	78	-0.4817	137	-0.0337
28	-0.1097	79	-0.5007	138	0.1083
29	-0.1057	80	-0.4847	139	0.1053
30	-0.9077	81	-0.4537	140	0.1113
32	-0.7177	82	-0.4117	141	0.1963
33	-0.5997	83	-0.3117	142	0.1603
34	-0.3397	84	-0.3607	143	0.2273
35	-0.0927	85	-0.3597	145	-0.0397
36	0.0113	86	-0.3847	147	0.1753
37	0.0363	87	-0.3877	151	0.1313
38	0.0343	88	-0.3717	152	-0.1017
39	0.0153	89	-0.3497	153	-0.2767
40	-0.0357	90	-0.2947	154	-0.3827
41	-0.1337	91	-0.2857	155	0.3353
42	-0.1177	92	-0.3027	156	0.0963
43	-1.0487	93	-0.3197	157	-0.1027
44	-1.0037	94	-0.3257	158	0.3903
45	-0.8617	95	-0.3247	159	0.3353
46	-0.6837	96	0.2503	160	0.2503
47	-0.5317	97	-0.2847	161	0.0803
48	-0.2217	98	0.4573	162	0.5273
49	0.1343	99	0.3823	163	0.4033
50	0.1493	100	-0.1437	164	0.1043
51	0.0783	101	-0.1317	165	0.0813

ORF	CP	ORF	CP	ORF	CP
166	0.7003	217	0.2903	268	0.0433
167	0.4183	218	0.2983	269	0.2543
168	0.3793	219	0.2853	270	0.2723
169	0.2143	220	0.2473	271	-0.1037
170	0.3763	221	-0.6057	272	-0.0597
171	0.3503	222	-0.4407	273	0.2503
172	0.0693	223	-0.0037	274	0.3073
173	0.2063	224	0.0803	275	0.5543
174	0.0703	225	0.6083	276	0.2343
175	-0.1257	226	0.3683	277	0.1363
176	-0.3547	227	-0.4197	278	-1.0267
177	-0.1207	228	-0.3967	279	-0.9727
178	-0.1167	229	-0.3687	280	-0.8747
179	0.0223	230	-0.2607	281	-0.6917
180	-0.3177	231	-0.0347	282	-0.6277
181	0.1083	232	0.0783	283	-0.3497
182	0.2053	233	0.1723	284	-0.0047
183	0.0803	234	0.2063	285	0.0393
184	0.2063	235	-0.0237	286	-0.1157
185	0.2683	236	-0.1967	287	-0.1137
186	0.3183	237	-0.0597	288	0.2903
187	0.3463	238	0.0853	289	0.4533
188	0.4103	239	0.3503	290	0.2603
189	0.4383	240	0.2543	291	-0.9787
190	-0.2757	241	-0.7717	292	-0.1507
191	-0.2847	242	-0.6887	325	-0.0147
192	-0.2847	244	-0.4597	326	-0.0117
193	-0.2947	245	-0.2497	327	-0.0117
194	-0.2737	246	-0.0987	328	-0.0107
195	-0.2857	247	0.0583	329	-0.0127
196	-0.3137	248	0.1223	330	-0.0127
197	-0.2917	249	0.1203	331	-0.0107
198	-0.2827	250	-0.0117	332	-0.0107
199	-0.2797	251	-0.2427	333	-0.0117
200	-0.2867	252	0.0573	334	-0.0127
201	-0.2807	253	0.2933	335	-0.0117
202	-0.2857	254	0.1783	336	-0.0157
203	-0.2857	255	-1.0947	337	-0.0147
204	-0.2887	256	-1.0127	338	-0.0117
205	0.4503	257	-0.9417	339	-0.0107
206	0.5533	258	-0.7597	340	-0.0107
207	0.5183	259	-0.4597	341	-0.0127
208	0.5383	260	-0.2277	350	-0.1237
210	0.2163	261	-0.0137	351	-0.0127
211	0.7033	262	0.0643	352	-0.0107
212	0.5013	263	-0.0347	353	-0.0087
213	-0.5987	264	0.0753	354	-0.0117
214	-0.3487	265	0.2453	355	-0.0117
215	-0.1487	266	0.2623		
216	0.1753	267	-0.0777		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 563
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 26.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.003
TUNNEL DYNAMIC PRESSURE(PSF) = 700.
TUNNEL STAGNATION PRESSURE(PSF) = 1889.
TUNNEL STATIC PRESSURE(PSF) = 994.
REYNOLDS NUMBER PER FOOT = 3.9910E 06
MODEL ANGLE OF ATTACK(DEG) = 14.10
FIN ANGLE(DEG) = -0.62
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 543.

SCANIVALUE	CP(REF)
147	0.8620
247	0.8590
347	0.8600
447	0.8600
547	0.8570
647	0.8560
747	0.8560

ORF	CP	ORF	CP	ORF	CP
1	-0.3250	52	0.0750	102	-0.0630
2	-0.6500	53	-0.1690	103	-0.5550
3	-0.6700	54	-0.0600	104	-0.4880
4	-0.6810	55	-0.8810	105	-0.3510
5	-0.6640	56	-0.9380	110	-0.3630
6	-0.5360	57	-0.9750	111	-0.3810
7	-0.2220	58	-0.9920	112	-0.3680
8	-0.0880	59	-0.9440	113	-0.3750
9	-0.0210	60	-0.8670	114	-0.1860
10	0.0140	61	-0.6930	115	-0.3620
11	0.0390	62	-0.2570	116	-0.3490
12	0.0500	63	-0.0040	117	-0.3200
13	0.0380	64	-0.0770	118	-0.2590
14	-0.0820	65	-0.1450	119	-0.1700
15	-0.1040	66	-0.6250	120	-0.0330
16	-0.6650	67	-0.6090	121	-0.0330
17	-0.7560	68	-0.5910	122	-0.0750
18	-0.7820	69	-0.5780	123	-0.3940
19	-0.7720	70	-0.6110	124	-0.1180
20	-0.6450	71	-0.5980	125	-0.1030
21	-0.4340	72	-0.5560	126	-0.0720
22	-0.3010	73	-0.5170	127	-0.0940
23	-0.1600	74	-0.4460	128	-0.2750
24	-0.0260	75	-0.4660	129	-0.1490
25	0.0390	76	-0.4420	135	-0.0580
26	0.0620	77	-0.4480	136	-0.0700
27	0.0430	78	-0.4500	137	-0.0540
28	-0.0720	79	-0.4630	138	0.0900
29	-0.0790	80	-0.4430	139	0.0750
30	-0.9690	81	-0.4110	140	0.0850
32	-0.8770	82	-0.3770	141	0.1930
33	-0.7250	83	-0.3370	142	0.1560
34	-0.4480	84	-0.3880	143	0.2310
35	-0.1720	85	-0.3830	145	-0.0710
36	-0.0240	86	-0.3760	147	0.1600
37	0.0170	87	-0.3650	151	0.1480
38	0.0220	88	-0.3480	152	-0.0730
39	0.0080	89	-0.3370	153	-0.2600
40	-0.0320	90	-0.3200	154	-0.3830
41	-0.1180	91	-0.3130	155	0.3250
42	-0.1070	92	-0.3150	156	0.0800
43	-1.0710	93	-0.3240	157	-0.1100
44	-1.0450	94	-0.3230	158	0.4020
45	-0.9500	95	-0.3180	159	0.3130
46	-0.8140	96	0.3420	160	0.2140
47	-0.7040	97	-0.2280	161	0.0560
48	-0.5790	98	0.5160	162	0.5370
49	-0.1690	99	0.4290	163	0.3950
50	0.2150	100	-0.1190	164	0.0810
51	0.1560	101	-0.1310	165	0.0840

ORF	CP	ORF	CP	ORF	CP
166	0.7140	217	0.3640	268	0.0650
167	0.4270	218	0.3570	269	0.2410
168	0.3890	219	0.3330	270	0.2740
169	0.2250	220	0.2920	271	-0.1080
170	0.3050	221	-0.6780	272	-0.0020
171	0.3770	222	-0.5680	273	0.2580
172	0.0970	223	-0.0200	274	0.3250
173	0.2460	224	0.0780	275	0.5780
174	0.0940	225	0.6380	276	0.1740
175	-0.0870	226	0.3380	277	0.1010
176	-0.3420	227	-0.4320	278	-1.0170
177	-0.0770	228	-0.3930	279	-0.9680
178	-0.0320	229	-0.3430	280	-0.8790
179	0.0540	230	-0.1950	281	-0.7160
180	-0.3270	231	0.0270	282	-0.6140
181	0.0970	232	0.1240	283	-0.3740
182	0.2010	233	0.2010	284	-0.0190
183	0.0850	234	0.2260	285	0.0400
184	0.2280	235	-0.0050	286	-0.1210
185	0.3030	236	-0.1960	287	-0.0440
186	0.3360	237	-0.1150	288	0.3060
187	0.3680	238	0.0680	289	0.4890
188	0.4020	239	0.3210	290	0.2580
189	0.4340	240	0.2280	291	-1.0040
190	-0.2800	241	-0.6900	292	-0.1600
191	-0.3030	242	-0.6320	325	-0.0250
192	-0.3000	244	-0.4630	326	-0.0230
193	-0.3100	245	-0.2820	327	-0.0250
194	-0.2890	246	-0.1380	328	-0.0260
195	-0.3050	247	0.0470	329	-0.0290
196	-0.3290	248	0.1240	330	-0.0300
197	-0.3080	249	0.1430	331	-0.0210
198	-0.3000	250	-0.0270	332	-0.0240
199	-0.2980	251	-0.2610	333	-0.0250
200	-0.3150	252	0.0710	334	-0.0280
201	-0.2920	253	0.2640	335	-0.0300
202	-0.3020	254	0.1660	336	-0.0240
203	-0.3080	255	-1.0390	337	-0.0240
204	-0.3070	256	-0.9650	338	-0.0230
205	0.4630	257	-0.8870	339	-0.0250
206	0.5770	258	-0.6970	340	-0.0260
207	0.5360	259	-0.4630	341	-0.0280
208	0.5590	260	-0.2630	350	-0.1900
210	0.1810	261	-0.0500	351	-0.0260
211	0.7700	262	0.0480	352	-0.0260
212	0.5430	263	-0.0140	353	-0.0260
213	-0.5660	264	0.0890	354	-0.0270
214	-0.3370	265	0.2360	355	-0.0270
215	-0.1310	266	0.2520		
216	0.2370	267	-0.0700		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 564
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 26.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.001
TUNNEL DYNAMIC PRESSURE(PSF) = 699.
TUNNEL STAGNATION PRESSURE(PSF) = 1890.
TUNNEL STATIC PRESSURE(PSF) = 997.
REYNOLDS NUMBER PER FOOT = 3.9940E 06
MODEL ANGLE OF ATTACK(DEG) = 0.12
FIN ANGLE(DEG) = -0.63
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 543.

SCANIVALUE	CP(REF)
147	0.8587
247	0.8567
347	0.8577
447	0.8577
547	0.8587
647	0.8567
747	0.8567

ORF	CP	ORF	CP	ORF	CP
1	0.1577	52	-0.0423	102	-0.2073
2	-0.2713	53	-0.2773	103	-0.5913
3	-0.3693	54	-0.3843	104	-0.5753
4	-0.2443	55	0.1557	105	-0.3723
5	-0.1313	56	0.1337	110	-0.2493
6	-0.0383	57	0.1207	111	-0.2643
7	0.0027	58	0.1027	112	-0.2023
8	0.0367	59	0.0867	113	-0.2213
9	0.0497	60	0.0657	114	-0.2353
10	0.0527	61	0.0347	115	-0.2293
11	0.0527	62	-0.0043	116	-0.2023
12	0.0377	63	-0.0713	117	-0.1493
13	0.0047	64	-0.4603	118	-0.0983
14	-0.1283	65	-0.4483	119	-0.0563
15	-0.1973	66	0.1477	120	0.0467
16	-0.1473	67	0.1297	121	0.0427
17	-0.2093	68	0.1037	122	0.0207
18	-0.0783	69	0.0797	123	-0.2633
19	-0.0263	70	0.0517	124	-0.0563
20	0.0077	71	0.0187	125	-0.0363
21	0.0357	72	-0.0293	126	0.0077
22	0.0567	73	-0.1193	127	-0.0153
23	0.0637	74	-0.4763	128	-0.2503
24	0.0637	75	0.1407	129	-0.1593
25	0.0567	76	0.1067	135	0.0217
26	0.0377	77	0.0697	136	0.0227
27	-0.0033	78	0.0307	137	0.0237
28	-0.1413	79	-0.0143	138	0.1587
29	-0.2323	80	-0.0683	139	0.1577
30	-0.0353	81	-0.1983	140	0.1547
32	0.0367	82	-0.4893	141	0.1897
33	0.0557	83	0.1057	142	0.1917
34	0.0657	84	0.0677	143	0.1917
35	0.0737	85	0.0157	145	0.0197
36	0.0717	86	-0.0263	147	0.1917
37	0.0677	87	-0.0743	151	0.0057
38	0.0577	88	-0.1683	152	-0.2353
39	0.0347	89	-0.5033	153	-0.2493
40	-0.0123	90	0.0177	154	-0.3143
41	-0.1303	91	-0.0063	155	0.0687
42	-0.2733	92	-0.0423	156	0.0937
43	0.1107	93	-0.0863	157	-0.0873
44	0.1077	94	-0.1583	158	0.3917
45	0.0997	95	-0.5053	159	0.2567
46	0.1007	96	-0.3533	160	0.1957
47	0.0947	97	-0.4393	161	0.0737
48	0.0867	98	0.1057	162	0.3747
49	0.0687	99	0.0677	163	0.2867
50	0.0497	100	-0.1863	164	0.1577
51	0.0127	101	-0.2443	165	0.0037

ORF	CP	ORF	CP	ORF	CP
166	0.4507	217	-0.0613	268	-0.1283
167	0.2837	218	0.0127	269	0.1817
168	0.2187	219	0.0417	270	0.2577
169	0.0837	220	0.0197	271	-0.2243
170	0.2357	221	-0.4743	272	-0.2283
171	0.1777	222	-0.3613	273	0.1957
172	-0.0583	223	0.0457	274	0.2677
173	0.0457	224	0.0337	275	0.4427
174	-0.0693	225	0.3067	276	0.3947
175	-0.2473	226	0.1637	277	0.2367
176	-0.3273	227	-0.5153	278	-0.6843
177	-0.2213	228	-0.4893	279	-0.6273
178	-0.3723	229	-0.4373	280	-0.5573
179	-0.3373	230	-0.2883	281	-0.4253
180	-0.2553	231	-0.0693	282	-0.1993
181	0.3067	232	0.0027	283	-0.0433
182	0.4537	233	0.0367	284	0.0617
183	0.4447	234	0.0247	285	0.0307
184	0.6137	235	-0.1673	286	-0.2343
185	0.6907	236	-0.2433	287	-0.2693
186	0.7667	237	-0.0653	288	0.1737
187	0.8797	238	-0.0013	289	0.2677
188	0.9177	239	0.3287	290	0.2117
189	0.9357	240	0.2087	291	-0.4413
190	-0.2503	241	-0.5123	292	0.0457
191	-0.2493	242	-0.5163	325	0.0497
192	-0.2593	244	-0.3253	326	0.0487
193	-0.2643	245	-0.0943	327	0.0497
194	-0.2533	246	-0.0123	328	0.0487
195	-0.2503	247	0.0307	329	0.0477
196	-0.2633	248	0.0367	330	0.0477
197	-0.2443	249	0.0077	331	0.0497
198	-0.2493	250	0.0457	332	0.0517
199	-0.2533	251	-0.2363	333	0.0497
200	-0.2483	252	-0.0513	334	0.0497
201	-0.2413	253	0.3447	335	0.0487
202	-0.2433	254	0.2037	336	0.0487
203	-0.2393	255	-0.5803	337	0.0497
204	-0.2353	256	-0.5623	338	0.0477
205	0.3117	257	-0.5253	339	0.0487
206	0.3477	258	-0.4303	340	0.0487
207	0.3397	259	-0.2033	341	0.0467
208	0.3437	260	-0.0353	350	-0.0533
210	0.3927	261	0.0537	351	0.0497
211	0.3607	262	0.0547	352	0.0487
212	0.2137	263	-0.1313	353	0.0487
213	-0.6393	264	-0.0623	354	0.0477
214	-0.5303	265	0.1917	355	0.0457
215	-0.4613	266	0.2297		
216	-0.2913	267	-0.1593		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 565
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 25.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.950
TUNNEL DYNAMIC PRESSURE(PSF) = 672.
TUNNEL STAGNATION PRESSURE(PSF) = 1902.
TUNNEL STATIC PRESSURE(PSF) = 1064.
REYNOLDS NUMBER PER FOOT = 3.9710E 06
MODEL ANGLE OF ATTACK(DEG) = -14.22
FIN ANGLE(DEG) = -0.23
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.7927
247	0.7917
347	0.7917
447	0.7917
547	0.7947
647	0.7947
747	0.7947

ORF	CP	ORF	CP	ORF	CP
1	-0.0813	52	-0.1853	102	-0.3853
2	-0.4043	53	-0.3943	103	-0.7423
3	-0.4063	54	-0.3613	104	-0.7273
4	-0.3163	55	0.1387	105	-0.6083
5	-0.2463	56	0.0917	110	-0.1983
6	-0.2073	57	0.0667	111	-0.1623
7	-0.1843	58	0.0407	112	-0.1323
8	-0.1703	59	0.0127	113	-0.1783
9	-0.1643	60	-0.0163	114	-0.1973
10	-0.1653	61	-0.0453	115	-0.1833
11	-0.1693	62	-0.0853	116	-0.1303
12	-0.1733	63	-0.1633	117	-0.0803
13	-0.2033	64	-0.4673	118	-0.0793
14	-0.3243	65	-0.3913	119	-0.0773
15	-0.3553	66	0.1967	120	0.0377
16	-0.1863	67	0.1527	121	0.0407
17	-0.1973	68	0.1137	122	-0.0333
18	-0.1873	69	0.0827	123	-0.1813
19	-0.1753	70	0.0497	124	-0.1053
20	-0.1603	71	0.0007	125	-0.0793
21	-0.1563	72	-0.0573	126	-0.0433
22	-0.1503	73	-0.1673	127	-0.0623
23	-0.1513	74	-0.3923	128	-0.2133
24	-0.1543	75	0.2267	129	-0.1203
25	-0.1613	76	0.1827	135	-0.0143
26	-0.1813	77	0.1287	136	-0.0083
27	-0.2133	78	0.0727	137	-0.0073
28	-0.3293	79	0.0137	138	0.0997
29	-0.3653	80	-0.0733	139	0.0977
30	-0.0743	81	-0.2573	140	0.1037
32	-0.1023	82	-0.4093	141	0.1817
33	-0.1013	83	0.2117	142	0.1277
34	-0.1083	84	0.1587	143	0.1677
35	-0.1153	85	0.0877	145	-0.0123
36	-0.1173	86	-0.0063	147	0.1247
37	-0.1293	87	-0.1153	151	-0.1743
38	-0.1373	88	-0.2693	152	-0.2903
39	-0.1553	89	-0.4593	153	-0.2753
40	-0.1993	90	0.1637	154	-0.2913
41	-0.2963	91	-0.0243	155	-0.1393
42	-0.3613	92	-0.1533	156	-0.1173
43	0.0387	93	-0.2493	157	-0.2133
44	0.0047	94	-0.3673	158	0.2327
45	-0.0093	95	-0.5423	159	-0.0043
46	-0.0303	96	-0.6643	160	-0.0223
47	-0.0433	97	-0.5683	161	-0.1033
48	-0.0593	98	-0.5293	162	0.1047
49	-0.0733	99	-0.9363	163	-0.0023
50	-0.0933	100	-0.9063	164	0.0957
51	-0.1303	101	-0.4183	165	-0.1763

ORF	CP	ORF	CP	ORF	CP
166	0.0587	217	-0.8363	268	-0.2553
167	-0.0683	218	-0.9013	269	0.0067
168	-0.1163	219	-0.6223	270	0.1157
169	-0.2093	220	-0.3393	271	-0.3983
170	-0.0633	221	-0.6283	272	-0.3513
171	-0.1383	222	-0.5783	273	0.0267
172	-0.2343	223	-0.0363	274	0.0687
173	-0.1113	224	-0.0463	275	0.1267
174	-0.1793	225	0.1547	276	0.1367
175	-0.2393	226	0.0107	277	-0.0083
176	-0.2863	227	-1.2563	278	-0.7963
177	-0.3583	228	-1.1863	279	-0.7403
178	-0.4533	229	-1.1193	280	-0.6673
179	-0.3923	230	-1.0083	281	-0.4823
180	-0.2793	231	-0.9753	282	-0.2563
181	0.0407	232	-0.9563	283	-0.1823
182	0.2747	233	-0.4673	284	-0.1483
183	0.7237	234	-0.2953	285	-0.1693
184	0.9007	235	-0.5663	286	-0.4093
185	0.9417	236	-0.3823	287	-0.3973
186	1.0427	237	-0.1593	288	-0.0463
187	1.1837	238	-0.0963	289	-0.0113
188	1.2447	239	0.0267	290	0.0037
189	1.2427	240	-0.0553	291	-0.3953
190	-0.2673	241	-1.1073	292	-0.0343
191	-0.2173	242	-0.9903	325	0.0527
192	-0.2723	244	-0.6233	326	0.0527
193	-0.2633	245	-0.4903	327	0.0557
194	-0.2323	246	-0.4263	328	0.0547
195	-0.2173	247	-0.3103	329	0.0537
196	-0.2373	248	-0.1863	330	0.0537
197	-0.2463	249	-0.1993	331	0.0537
198	-0.2333	250	0.0547	332	0.0567
199	-0.2263	251	-0.2413	333	0.0557
200	-0.2143	252	-0.1793	334	0.0557
201	-0.1993	253	0.0637	335	0.0537
202	-0.2323	254	-0.0973	336	0.0527
203	-0.2173	255	-0.6513	337	0.0507
204	-0.2023	256	-0.6493	338	0.0517
205	0.0707	257	-0.6423	339	0.0547
206	0.0717	258	-0.5553	340	0.0537
207	0.0907	259	-0.3493	341	0.0527
208	0.0947	260	-0.2563	350	-0.0283
210	0.1157	261	-0.2063	351	0.0557
211	-0.4003	262	-0.1793	352	0.0567
212	-0.3653	263	-0.2973	353	0.0547
213	-1.1883	264	-0.2133	354	0.0537
214	-1.1723	265	-0.0223	355	0.0547
215	-1.0813	266	0.0387		
216	-0.9753	267	-0.3403		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 566
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 25.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.953
TUNNEL DYNAMIC PRESSURE(PSF) = 676.
TUNNEL STAGNATION PRESSURE(PSF) = 1905.
TUNNEL STATIC PRESSURE(PSF) = 1062.
REYNOLDS NUMBER PER FOOT = 3.9820E 06
MODEL ANGLE OF ATTACK(DEG) = -12.06
FIN ANGLE(DEG) = -0.21
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.7930
247	0.7920
347	0.7920
447	0.7930
547	0.8270
647	0.8270
747	0.8270

ORF	CP	ORF	CP	ORF	CP
1	-0.0580	52	-0.1540	102	-0.3690
2	-0.3840	53	-0.3850	103	-0.7470
3	-0.3810	54	-0.3880	104	-0.7350
4	-0.2860	55	0.1910	105	-0.6020
5	-0.2130	56	0.1420	110	-0.0650
6	-0.1790	57	0.1130	111	-0.0990
7	-0.1630	58	0.0810	112	-0.0720
8	-0.1570	59	0.0540	113	-0.1200
9	-0.1570	60	0.0230	114	-0.1710
10	-0.1580	61	-0.0090	115	-0.1150
11	-0.1570	62	-0.0580	116	-0.0660
12	-0.1630	63	-0.1400	117	-0.0130
13	-0.1900	64	-0.5040	118	0.0070
14	-0.3150	65	-0.4050	119	-0.0240
15	-0.3460	66	0.2380	120	0.0670
16	-0.1620	67	0.1880	121	0.0660
17	-0.1680	68	0.1530	122	0.0090
18	-0.1560	69	0.1130	123	-0.1230
19	-0.1380	70	0.0710	124	-0.0620
20	-0.1300	71	0.0270	125	-0.0290
21	-0.1210	72	-0.0350	126	-0.0140
22	-0.1210	73	-0.1580	127	-0.0170
23	-0.1280	74	-0.3860	128	-0.1500
24	-0.1320	75	0.2700	129	-0.0890
25	-0.1390	76	0.2080	135	0.0170
26	-0.1550	77	0.1400	136	-0.0050
27	-0.1930	78	0.0910	137	0.0280
28	-0.3090	79	0.0200	138	0.1280
29	-0.3670	80	-0.0790	139	0.1290
30	-0.0280	81	-0.2640	140	0.1370
32	-0.0450	82	-0.4270	141	0.1790
33	-0.0470	83	0.2100	142	0.1610
34	-0.0540	84	0.1490	143	0.1710
35	-0.0550	85	0.0700	145	-0.0000
36	-0.0560	86	-0.0260	147	0.1520
37	-0.0660	87	-0.1340	151	-0.1790
38	-0.0850	88	-0.2830	152	-0.2830
39	-0.0970	89	-0.5170	153	-0.3020
40	-0.1390	90	0.1480	154	-0.3180
41	-0.2470	91	-0.0490	155	-0.0530
42	-0.3520	92	-0.1680	156	-0.0930
43	0.0820	93	-0.2580	157	-0.1990
44	0.0530	94	-0.3690	158	0.2630
45	0.0330	95	-0.6080	159	0.0650
46	0.0200	96	-0.5370	160	0.0420
47	0.0050	97	-0.5370	161	-0.0490
48	-0.0140	98	-0.4680	162	0.1420
49	-0.0320	99	-0.9050	163	0.0350
50	-0.0600	100	-0.8430	164	0.1330
51	-0.0950	101	-0.4000	165	-0.1520

ORF	CP	ORF	CP	ORF	CP
166	0.0750	217	-0.7780	268	-0.2270
167	-0.0450	218	-0.8270	269	0.0590
168	-0.1070	219	-0.5580	270	0.1600
169	-0.1920	220	-0.1670	271	-0.3660
170	-0.0480	221	-0.5330	272	-0.3110
171	-0.1260	222	-0.4640	273	0.0540
172	-0.2130	223	0.0190	274	0.1000
173	-0.0920	224	0.0170	275	0.1660
174	-0.1580	225	0.1600	276	0.1720
175	-0.2110	226	0.0270	277	0.0260
176	-0.2700	227	-1.2380	278	-0.7640
177	-0.3750	228	-1.1560	279	-0.7240
178	-0.4990	229	-1.0710	280	-0.6120
179	-0.4140	230	-0.9100	281	-0.4180
180	-0.2380	231	-0.8620	282	-0.2020
181	0.0740	232	-0.7460	283	-0.1560
182	0.3180	233	-0.4930	284	-0.1230
183	0.6890	234	-0.1820	285	-0.1500
184	0.8440	235	-0.3890	286	-0.3880
185	0.8770	236	-0.3540	287	-0.3750
186	0.9870	237	-0.1000	288	-0.0120
187	1.1710	238	-0.0460	289	0.0210
188	1.2420	239	0.0780	290	0.0620
189	1.2410	240	-0.0290	291	-0.4040
190	-0.2420	241	-0.9930	292	0.0010
191	-0.2050	242	-0.8870	325	0.0760
192	-0.2530	244	-0.5450	326	0.0760
193	-0.2430	245	-0.4230	327	0.0740
194	-0.2270	246	-0.3700	328	0.0760
195	-0.1940	247	-0.2770	329	0.0740
196	-0.2110	248	-0.1700	330	0.0720
197	-0.2150	249	-0.1460	331	0.0770
198	-0.2040	250	0.0790	332	0.0760
199	-0.2050	251	-0.2250	333	0.0760
200	-0.1950	252	-0.1510	334	0.0760
201	-0.1830	253	0.1470	335	0.0730
202	-0.2060	254	-0.0160	336	0.0760
203	-0.1890	255	-0.6510	337	0.0760
204	-0.1790	256	-0.6420	338	0.0750
205	0.1250	257	-0.6250	339	0.0740
206	0.1310	258	-0.5360	340	0.0750
207	0.1440	259	-0.3200	341	0.0740
208	0.1430	260	-0.2260	350	0.0130
210	0.2230	261	-0.1720	351	0.0820
211	-0.2030	262	-0.1440	352	0.0820
212	-0.2350	263	-0.2640	353	0.0800
213	-1.1460	264	-0.1740	354	0.0790
214	-1.0950	265	0.0430	355	0.0820
215	-0.9940	266	0.0980		
216	-0.8380	267	-0.3080		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 567
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 25.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.950
TUNNEL DYNAMIC PRESSURE(PSF) = 673.
TUNNEL STAGNATION PRESSURE(PSF) = 1906.
TUNNEL STATIC PRESSURE(PSF) = 1067.
REYNOLDS NUMBER PER FOOT = 3.9810E 06
MODEL ANGLE OF ATTACK(DEG) = -8.08
FIN ANGLE(DEG) = -0.49
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.7876
247	0.7846
347	0.7856
447	0.7866
547	0.7836
647	0.7826
747	0.7826

ORF	CP	ORF	CP	ORF	CP
1	-0.0014	52	-0.0974	102	-0.3424
2	-0.2294	53	-0.3554	103	-0.7794
3	-0.2174	54	-0.3854	104	-0.7814
4	-0.1504	55	0.2456	105	-0.5944
5	-0.1104	56	0.1946	110	-0.1454
6	-0.0824	57	0.1596	111	-0.1084
7	-0.0654	58	0.1236	112	-0.0594
8	-0.0534	59	0.0886	113	-0.0984
9	-0.0444	60	0.0566	114	-0.1154
10	-0.0454	61	0.0156	115	-0.1074
11	-0.0544	62	-0.0374	116	-0.0634
12	-0.0684	63	-0.1204	117	0.0056
13	-0.1044	64	-0.5414	118	0.0406
14	-0.2394	65	-0.4584	119	-0.0044
15	-0.2904	66	0.2516	120	0.0486
16	-0.0684	67	0.1886	121	0.0476
17	-0.0874	68	0.1406	122	0.0106
18	-0.0744	69	0.1006	123	-0.1094
19	-0.0554	70	0.0576	124	-0.0534
20	-0.0364	71	0.0136	125	-0.0354
21	-0.0314	72	-0.0514	126	-0.0184
22	-0.0264	73	-0.1684	127	-0.0234
23	-0.0284	74	-0.5134	128	-0.1264
24	-0.0314	75	0.2456	129	-0.0754
25	-0.0474	76	0.1656	135	0.0246
26	-0.0724	77	0.1066	136	0.0066
27	-0.1154	78	0.0436	137	0.0296
28	-0.2454	79	-0.0254	138	0.1056
29	-0.3194	80	-0.1154	139	0.1096
30	0.0436	81	-0.2854	140	0.1126
32	0.0376	82	-0.5744	141	0.1196
33	0.0346	83	0.1956	142	0.1076
34	0.0256	84	0.1276	143	0.1216
35	0.0216	85	0.0366	145	0.0076
36	0.0126	86	-0.0634	147	0.1086
37	-0.0014	87	-0.1574	151	-0.0874
38	-0.0174	88	-0.2874	152	-0.2684
39	-0.0464	89	-0.6204	153	-0.2514
40	-0.0964	90	0.1206	154	-0.2814
41	-0.2184	91	-0.0794	155	-0.0764
42	-0.3484	92	-0.1864	156	-0.0004
43	0.1896	93	-0.2684	157	-0.1284
44	0.1556	94	-0.3684	158	0.2446
45	0.1226	95	-0.6324	159	0.0976
46	0.1056	96	-0.4544	160	0.0776
47	0.0846	97	-0.5034	161	-0.0094
48	0.0626	98	-0.5024	162	0.1796
49	0.0386	99	-0.7174	163	0.0696
50	0.0066	100	-0.6964	164	0.1086
51	-0.0354	101	-0.3884	165	-0.1254

ORF	CP	ORF	CP	ORF	CP
166	0.0946	217	-0.6354	268	-0.2234
167	-0.0024	218	-0.4414	269	0.0526
168	-0.0594	219	-0.2444	270	0.1276
169	-0.1534	220	-0.1954	271	-0.3544
170	0.0076	221	-0.5354	272	-0.3014
171	-0.0734	222	-0.4274	273	0.0576
172	-0.1914	223	-0.0444	274	0.1106
173	-0.0764	224	-0.0524	275	0.1556
174	-0.1434	225	0.1346	276	0.1756
175	-0.2204	226	-0.0214	277	0.0466
176	-0.2744	227	-1.2584	278	-0.5954
177	-0.3004	228	-1.1744	279	-0.5494
178	-0.4124	229	-1.0694	280	-0.4224
179	-0.3654	230	-0.8014	281	-0.2164
180	-0.2634	231	-0.5084	282	-0.1184
181	0.2376	232	-0.3754	283	-0.0854
182	0.4826	233	-0.2234	284	-0.0434
183	0.6026	234	-0.1784	285	-0.0804
184	0.7716	235	-0.3454	286	-0.3804
185	0.8176	236	-0.3574	287	-0.3434
186	0.9506	237	-0.1584	288	0.0186
187	1.1216	238	-0.1094	289	0.0406
188	1.2236	239	0.2676	290	0.0826
189	1.2296	240	0.1246	291	-0.4034
190	-0.2264	241	-1.1904	292	0.0046
191	-0.2064	242	-1.0664	325	0.0586
192	-0.2434	244	-0.8114	326	0.0576
193	-0.2454	245	-0.3914	327	0.0566
194	-0.2194	246	-0.2534	328	0.0576
195	-0.2104	247	-0.1664	329	0.0576
196	-0.2254	248	-0.1334	330	0.0566
197	-0.2254	249	-0.1324	331	0.0576
198	-0.2184	250	0.0556	332	0.0576
199	-0.2114	251	-0.2324	333	0.0586
200	-0.2124	252	-0.1394	334	0.0576
201	-0.2004	253	0.2006	335	0.0566
202	-0.2154	254	0.0616	336	0.0566
203	-0.2024	255	-0.8884	337	0.0586
204	-0.2024	256	-0.7894	338	0.0576
205	0.1136	257	-0.6974	339	0.0556
206	0.1226	258	-0.5214	340	0.0576
207	0.1266	259	-0.2654	341	0.0576
208	0.1296	260	-0.1434	350	0.0186
210	0.2636	261	-0.0804	351	0.0586
211	0.0286	262	-0.0834	352	0.0596
212	-0.0984	263	-0.2584	353	0.0556
213	-1.1304	264	-0.1734	354	0.0566
214	-1.0744	265	0.0606	355	0.0546
215	-0.9454	266	0.0906		
216	-0.7294	267	-0.2894		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 568
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 25.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.957
TUNNEL DYNAMIC PRESSURE(PSF) = 678.
TUNNEL STAGNATION PRESSURE(PSF) = 1906.
TUNNEL STATIC PRESSURE(PSF) = 1058.
REYNOLDS NUMBER PER FOOT = 3.9940E 06
MODEL ANGLE OF ATTACK(DEG) = -6.04
FIN ANGLE(DEG) = -0.64
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.7935
247	0.7925
347	0.7925
447	0.7935
547	0.8165
647	0.8165
747	0.8165

ORF	CP	ORF	CP	ORF	CP
1	0.0135	52	-0.1035	102	-0.3105
2	-0.2025	53	-0.3595	103	-0.7085
3	-0.1715	54	-0.3425	104	-0.6925
4	-0.1045	55	0.2245	105	-0.5065
5	-0.0645	56	0.1715	110	-0.0875
6	-0.0445	57	0.1465	111	-0.0765
7	-0.0305	58	0.1115	112	-0.0155
8	-0.0235	59	0.0835	113	-0.0545
9	-0.0205	60	0.0495	114	-0.0645
10	-0.0235	61	0.0065	115	-0.0545
11	-0.0325	62	-0.0465	116	-0.0065
12	-0.0495	63	-0.1275	117	0.0595
13	-0.0855	64	-0.5415	118	0.0925
14	-0.2175	65	-0.4375	119	0.0525
15	-0.2655	66	0.2285	120	0.0865
16	-0.0385	67	0.1675	121	0.0865
17	-0.0455	68	0.1205	122	0.0665
18	-0.0275	69	0.0795	123	-0.0585
19	-0.0125	70	0.0385	124	-0.0045
20	-0.0035	71	-0.0045	125	0.0145
21	-0.0025	72	-0.0655	126	0.0245
22	-0.0025	73	-0.1785	127	0.0225
23	-0.0055	74	-0.5135	128	-0.0735
24	-0.0135	75	0.2165	129	-0.0205
25	-0.0245	76	0.1435	135	0.0745
26	-0.0515	77	0.0835	136	0.0505
27	-0.0955	78	0.0235	137	0.0745
28	-0.2265	79	-0.0445	138	0.1575
29	-0.2925	80	-0.1315	139	0.1555
30	0.0735	81	-0.2945	140	0.1585
32	0.0545	82	-0.5705	141	0.1685
33	0.0525	83	0.1715	142	0.1635
34	0.0455	84	0.0995	143	0.1685
35	0.0385	85	0.0115	145	0.0505
36	0.0285	86	-0.0855	147	0.1605
37	0.0115	87	-0.1765	151	-0.0875
38	-0.0065	88	-0.2975	152	-0.2525
39	-0.0375	89	-0.5875	153	-0.2315
40	-0.0875	90	0.0885	154	-0.2685
41	-0.2085	91	-0.0945	155	-0.0595
42	-0.3035	92	-0.1825	156	-0.0045
43	0.1845	93	-0.2545	157	-0.1205
44	0.1455	94	-0.3515	158	0.2745
45	0.1235	95	-0.6085	159	0.1125
46	0.1015	96	-0.4025	160	0.0865
47	0.0805	97	-0.4555	161	0.0065
48	0.0585	98	-0.2835	162	0.1865
49	0.0335	99	-0.5335	163	0.0895
50	0.0015	100	-0.5165	164	0.1565
51	-0.0375	101	-0.3505	165	-0.0995

ORF	CP	ORF	CP	ORF	CP
166	0.1115	217	-0.3375	268	-0.1755
167	0.0465	218	-0.2385	269	0.1045
168	-0.0105	219	-0.1415	270	0.1905
169	-0.1085	220	-0.1275	271	-0.2925
170	0.0205	221	-0.4715	272	-0.2505
171	0.0025	222	-0.3625	273	0.1075
172	-0.1395	223	-0.0045	274	0.1535
173	0.0035	224	-0.0035	275	0.2415
174	-0.1065	225	0.2175	276	0.2285
175	-0.1785	226	0.0655	277	0.0955
176	-0.2385	227	-1.0975	278	-0.5245
177	-0.2955	228	-1.0115	279	-0.4775
178	-0.4185	229	-0.8095	280	-0.3815
179	-0.3685	230	-0.5145	281	-0.1605
180	-0.2335	231	-0.2975	282	-0.0415
181	0.2075	232	-0.2035	283	-0.0185
182	0.3875	233	-0.1185	284	0.0035
183	0.5245	234	-0.1045	285	-0.0415
184	0.6735	235	-0.2745	286	-0.3065
185	0.7175	236	-0.2765	287	-0.3035
186	0.8305	237	-0.0885	288	0.0625
187	0.9915	238	-0.0405	289	0.0875
188	1.1075	239	0.3245	290	0.1085
189	1.1585	240	0.2045	291	-0.3285
190	-0.2175	241	-0.7875	292	0.0145
191	-0.1935	242	-0.7405	325	0.0675
192	-0.2215	244	-0.5345	326	0.0685
193	-0.2215	245	-0.3015	327	0.0685
194	-0.2015	246	-0.1605	328	0.0705
195	-0.1975	247	-0.0755	329	0.0715
196	-0.2175	248	-0.0595	330	0.0725
197	-0.2115	249	-0.0705	331	0.0685
198	-0.2035	250	0.0915	332	0.0695
199	-0.2075	251	-0.1795	333	0.0715
200	-0.1945	252	-0.0995	334	0.0725
201	-0.1795	253	0.2185	335	0.0735
202	-0.1955	254	0.0735	336	0.0675
203	-0.1875	255	-0.6095	337	0.0675
204	-0.1855	256	-0.5795	338	0.0685
205	0.1825	257	-0.5095	339	0.0685
206	0.2115	258	-0.3475	340	0.0705
207	0.2125	259	-0.1445	341	0.0725
208	0.2025	260	-0.0725	350	0.0675
210	0.2665	261	-0.0345	351	0.0935
211	0.1935	262	-0.0385	352	0.0935
212	0.0525	263	-0.1955	353	0.0915
213	-1.0315	264	-0.1275	354	0.0905
214	-0.9205	265	0.0985	355	0.0915
215	-0.7785	266	0.1445		
216	-0.5695	267	-0.2225		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 569
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 25.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.949
TUNNEL DYNAMIC PRESSURE(PSF) = 673.
TUNNEL STAGNATION PRESSURE(PSF) = 1906.
TUNNEL STATIC PRESSURE(PSF) = 1067.
REYNOLDS NUMBER PER FOOT = 3.9850E 06
MODEL ANGLE OF ATTACK(DEG) = -3.99
FIN ANGLE(DEG) = -0.69
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.7866
247	0.7846
347	0.7856
447	0.7856
547	0.7846
647	0.7846
747	0.7846

ORF	CP	ORF	CP	ORF	CP
1	0.0026	52	-0.1204	102	-0.2864
2	-0.2124	53	-0.3654	103	-0.6614
3	-0.1664	54	-0.3174	104	-0.6354
4	-0.1014	55	0.1816	105	-0.4474
5	-0.0564	56	0.1356	110	-0.1734
6	-0.0354	57	0.1086	111	-0.1024
7	-0.0234	58	0.0796	112	-0.0454
8	-0.0194	59	0.0526	113	-0.0744
9	-0.0234	60	0.0226	114	-0.0844
10	-0.0284	61	-0.0174	115	-0.0744
11	-0.0364	62	-0.0684	116	-0.0284
12	-0.0544	63	-0.1464	117	0.0356
13	-0.0894	64	-0.5514	118	0.0776
14	-0.2154	65	-0.4214	119	0.0346
15	-0.2554	66	0.1846	120	0.0576
16	-0.0514	67	0.1266	121	0.0586
17	-0.0434	68	0.0846	122	0.0416
18	-0.0254	69	0.0456	123	-0.0744
19	-0.0174	70	0.0066	124	-0.0164
20	-0.0084	71	-0.0374	125	0.0016
21	-0.0064	72	-0.0954	126	0.0126
22	-0.0034	73	-0.2004	127	0.0046
23	-0.0094	74	-0.5314	128	-0.0854
24	-0.0194	75	0.1756	129	-0.0314
25	-0.0364	76	0.1076	135	0.0506
26	-0.0594	77	0.0526	136	0.0326
27	-0.1054	78	0.0006	137	0.0516
28	-0.2284	79	-0.0604	138	0.1346
29	-0.2774	80	-0.1434	139	0.1346
30	0.0556	81	-0.2954	140	0.1366
32	0.0416	82	-0.5514	141	0.1416
33	0.0386	83	0.1326	142	0.1406
34	0.0306	84	0.0596	143	0.1436
35	0.0236	85	-0.0274	145	0.0366
36	0.0106	86	-0.1124	147	0.1416
37	-0.0014	87	-0.1914	151	-0.0924
38	-0.0204	88	-0.3024	152	-0.2274
39	-0.0514	89	-0.5294	153	-0.2254
40	-0.0984	90	0.0336	154	-0.2614
41	-0.2164	91	-0.1204	155	-0.0204
42	-0.2914	92	-0.1844	156	-0.0064
43	0.1496	93	-0.2354	157	-0.1244
44	0.1116	94	-0.3194	158	0.2726
45	0.0936	95	-0.5304	159	0.1076
46	0.0746	96	-0.3844	160	0.0816
47	0.0566	97	-0.4774	161	-0.0054
48	0.0376	98	-0.1224	162	0.1936
49	0.0136	99	-0.2184	163	0.0966
50	-0.0144	100	-0.3374	164	0.1316
51	-0.0584	101	-0.3254	165	-0.0954

ORF	CP	ORF	CP	ORF	CP
166	0.1656	217	-0.2544	268	-0.1844
167	0.0966	218	-0.1714	269	0.0816
168	0.0376	219	-0.1124	270	0.1686
169	-0.0694	220	-0.1224	271	-0.3004
170	0.0336	221	-0.4984	272	-0.2634
171	0.0786	222	-0.4064	273	0.0956
172	-0.0974	223	-0.0094	274	0.1356
173	0.0146	224	-0.0104	275	0.2556
174	-0.0894	225	0.2436	276	0.2026
175	-0.1734	226	0.1026	277	0.0646
176	-0.2524	227	-0.9964	278	-0.5294
177	-0.2854	228	-0.8994	279	-0.4914
178	-0.4224	229	-0.7344	280	-0.4044
179	-0.3634	230	-0.4844	281	-0.2144
180	-0.2294	231	-0.2414	282	-0.0574
181	0.2006	232	-0.1504	283	-0.0354
182	0.3616	233	-0.0964	284	-0.0204
183	0.4616	234	-0.0924	285	-0.0674
184	0.5966	235	-0.2804	286	-0.3134
185	0.6146	236	-0.2924	287	-0.3204
186	0.6466	237	-0.1014	288	0.0636
187	0.7436	238	-0.0344	289	0.1056
188	0.8586	239	0.2846	290	0.0846
189	0.9616	240	0.1716	291	-0.4184
190	-0.2154	241	-0.7314	292	-0.0094
191	-0.1934	242	-0.6884	325	0.0616
192	-0.2254	244	-0.4824	326	0.0616
193	-0.2224	245	-0.2414	327	0.0596
194	-0.2064	246	-0.1274	328	0.0606
195	-0.2054	247	-0.0674	329	0.0606
196	-0.2284	248	-0.0564	330	0.0606
197	-0.2104	249	-0.0724	331	0.0626
198	-0.2034	250	0.0616	332	0.0606
199	-0.2054	251	-0.2074	333	0.0616
200	-0.1934	252	-0.1234	334	0.0616
201	-0.1884	253	0.1806	335	0.0616
202	-0.2014	254	0.0406	336	0.0606
203	-0.1924	255	-0.5554	337	0.0606
204	-0.1944	256	-0.5204	338	0.0606
205	0.1796	257	-0.4734	339	0.0596
206	0.2126	258	-0.3134	340	0.0596
207	0.2076	259	-0.1274	341	0.0596
208	0.1966	260	-0.0754	350	0.0306
210	0.2536	261	-0.0474	351	0.0606
211	0.2276	262	-0.0504	352	0.0626
212	0.0716	263	-0.2034	353	0.0626
213	-0.9734	264	-0.1404	354	0.0636
214	-0.8204	265	0.0756	355	0.0626
215	-0.6924	266	0.1186		
216	-0.4614	267	-0.2314		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 570
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 25.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.948
TUNNEL DYNAMIC PRESSURE(PSF) = 673.
TUNNEL STAGNATION PRESSURE(PSF) = 1906.
TUNNEL STATIC PRESSURE(PSF) = 1069.
REYNOLDS NUMBER PER FOOT = 3.9850E 06
MODEL ANGLE OF ATTACK(DEG) = -1.94
FIN ANGLE(DEG) = -0.60
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.7866
247	0.7846
347	0.7846
447	0.7866
547	0.7806
647	0.7806
747	0.7816

ORF	CP	ORF	CP	ORF	CP
1	0.0286	52	-0.1224	102	-0.2664
2	-0.2714	53	-0.3704	103	-0.6304
3	-0.2764	54	-0.3184	104	-0.6164
4	-0.1684	55	0.1406	105	-0.4154
5	-0.0774	56	0.1006	110	-0.1244
6	-0.0344	57	0.0806	111	-0.1054
7	-0.0184	58	0.0576	112	-0.0384
8	-0.0114	59	0.0346	113	-0.0614
9	-0.0084	60	0.0076	114	-0.0744
10	-0.0154	61	-0.0254	115	-0.0754
11	-0.0274	62	-0.0734	116	-0.0324
12	-0.0434	63	-0.1474	117	0.0396
13	-0.0754	64	-0.5634	118	0.0776
14	-0.2074	65	-0.4464	119	0.0336
15	-0.2534	66	0.1426	120	0.0556
16	-0.0954	67	0.0946	121	0.0556
17	-0.0894	68	0.0576	122	0.0536
18	-0.0554	69	0.0266	123	-0.0704
19	-0.0254	70	-0.0054	124	-0.0094
20	-0.0114	71	-0.0434	125	0.0036
21	-0.0014	72	-0.0984	126	0.0146
22	0.0006	73	-0.1974	127	0.0106
23	-0.0044	74	-0.5514	128	-0.0764
24	-0.0144	75	0.1306	129	-0.0204
25	-0.0234	76	0.0806	135	0.0546
26	-0.0494	77	0.0356	136	0.0396
27	-0.0954	78	-0.0114	137	0.0546
28	-0.2244	79	-0.0694	138	0.1326
29	-0.2654	80	-0.1414	139	0.1296
30	0.0196	81	-0.2804	140	0.1326
32	0.0256	82	-0.5314	141	0.1376
33	0.0276	83	0.0956	142	0.1376
34	0.0236	84	0.0296	143	0.1386
35	0.0176	85	-0.0474	145	0.0396
36	0.0146	86	-0.1104	147	0.1376
37	-0.0024	87	-0.1704	151	-0.0954
38	-0.0204	88	-0.2704	152	-0.2254
39	-0.0454	89	-0.4924	153	-0.2444
40	-0.0954	90	-0.0114	154	-0.2754
41	-0.2134	91	-0.0994	155	0.0106
42	-0.2804	92	-0.1444	156	0.0196
43	0.1096	93	-0.1924	157	-0.1134
44	0.0856	94	-0.2704	158	0.3516
45	0.0686	95	-0.4864	159	0.1376
46	0.0586	96	-0.3964	160	0.1076
47	0.0446	97	-0.5294	161	0.0106
48	0.0286	98	-0.0434	162	0.2666
49	0.0036	99	-0.0874	163	0.1756
50	-0.0204	100	-0.2964	164	0.1316
51	-0.0624	101	-0.2964	165	-0.0554

ORF	CP	ORF	CP	ORF	CP
166	0.2886	217	-0.1834	268	-0.1844
167	0.1936	218	-0.1034	269	0.1146
168	0.1276	219	-0.0564	270	0.2126
169	-0.0004	220	-0.0724	271	-0.2774
170	0.1126	221	-0.4964	272	-0.2704
171	0.1576	222	-0.4324	273	0.1236
172	-0.0684	223	0.0006	274	0.1756
173	0.0316	224	0.0046	275	0.3136
174	-0.0754	225	0.2766	276	0.2586
175	-0.1944	226	0.1186	277	0.1076
176	-0.2864	227	-0.7974	278	-0.6084
177	-0.2904	228	-0.7424	279	-0.5754
178	-0.4344	229	-0.6324	280	-0.5084
179	-0.3754	230	-0.4494	281	-0.3514
180	-0.2284	231	-0.1914	282	-0.0954
181	0.2846	232	-0.0914	283	-0.0274
182	0.4306	233	-0.0474	284	-0.0084
183	0.4586	234	-0.0514	285	-0.0544
184	0.6366	235	-0.2564	286	-0.2984
185	0.6676	236	-0.2904	287	-0.3284
186	0.6986	237	-0.0724	288	0.0836
187	0.7486	238	0.0006	289	0.1716
188	0.8176	239	0.2766	290	0.1106
189	0.8616	240	0.1526	291	-0.4424
190	-0.2044	241	-0.5944	292	-0.0034
191	-0.2124	242	-0.5864	325	0.0606
192	-0.2264	244	-0.4074	326	0.0616
193	-0.2304	245	-0.1684	327	0.0596
194	-0.2084	246	-0.0794	328	0.0586
195	-0.2114	247	-0.0454	329	0.0586
196	-0.2394	248	-0.0414	330	0.0606
197	-0.2154	249	-0.0664	331	0.0636
198	-0.2154	250	0.0596	332	0.0606
199	-0.2124	251	-0.2014	333	0.0586
200	-0.2114	252	-0.1154	334	0.0586
201	-0.1994	253	0.2066	335	0.0606
202	-0.1974	254	0.0646	336	0.0606
203	-0.2024	255	-0.5384	337	0.0616
204	-0.1954	256	-0.5234	338	0.0626
205	0.2106	257	-0.4924	339	0.0596
206	0.2396	258	-0.3634	340	0.0596
207	0.2406	259	-0.1324	341	0.0596
208	0.2306	260	-0.0534	350	0.0396
210	0.3126	261	-0.0314	351	0.0606
211	0.3056	262	-0.0364	352	0.0586
212	0.1486	263	-0.1974	353	0.0606
213	-0.8704	264	-0.1314	354	0.0586
214	-0.7294	265	0.1076	355	0.0596
215	-0.6284	266	0.1536		
216	-0.4064	267	-0.2234		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 571
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 25.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.951
TUNNEL DYNAMIC PRESSURE(PSF) = 675.
TUNNEL STAGNATION PRESSURE(PSF) = 1906.
TUNNEL STATIC PRESSURE(PSF) = 1065.
REYNOLDS NUMBER PER FOOT = 3.9910E 06
MODEL ANGLE OF ATTACK(DEG) = 0.10
FIN ANGLE(DEG) = -0.40
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.7892
247	0.7882
347	0.7892
447	0.7892
547	0.7972
647	0.7972
747	0.7972

ORF	CP	ORF	CP	ORF	CP
1	0.1192	52	-0.1108	102	-0.2178
2	-0.3468	53	-0.3708	103	-0.5988
3	-0.4328	54	-0.3618	104	-0.5898
4	-0.2658	55	0.1042	105	-0.3828
5	-0.1618	56	0.0852	110	-0.1338
6	-0.0718	57	0.0692	111	-0.1048
7	-0.0298	58	0.0492	112	-0.0208
8	-0.0028	59	0.0302	113	-0.0448
9	0.0092	60	0.0052	114	-0.0528
10	0.0102	61	-0.0288	115	-0.0548
11	0.0042	62	-0.0748	116	-0.0148
12	-0.0068	63	-0.1528	117	0.0612
13	-0.0388	64	-0.5638	118	0.0932
14	-0.1818	65	-0.5208	119	0.0572
15	-0.2348	66	0.1022	120	0.0662
16	-0.2088	67	0.0772	121	0.0662
17	-0.1978	68	0.0492	122	0.0642
18	-0.1058	69	0.0202	123	-0.0518
19	-0.0578	70	-0.0098	124	0.0252
20	-0.0228	71	-0.0478	125	0.0312
21	0.0062	72	-0.1028	126	0.0522
22	0.0172	73	-0.2008	127	0.0422
23	0.0232	74	-0.5738	128	-0.0478
24	0.0162	75	0.0922	129	0.0092
25	0.0082	76	0.0532	135	0.0732
26	-0.0098	77	0.0092	136	0.0682
27	-0.0558	78	-0.0308	137	0.0712
28	-0.2028	79	-0.0798	138	0.1432
29	-0.2638	80	-0.1388	139	0.1452
30	-0.0348	81	-0.2768	140	0.1472
32	0.0032	82	-0.5858	141	0.1502
33	0.0212	83	0.0632	142	0.1502
34	0.0282	84	0.0102	143	0.1502
35	0.0332	85	-0.0468	145	0.0672
36	0.0302	86	-0.0918	147	0.1512
37	0.0232	87	-0.1438	151	-0.0198
38	0.0082	88	-0.2428	152	-0.2408
39	-0.0148	89	-0.5978	153	-0.2188
40	-0.0628	90	-0.0408	154	-0.2808
41	-0.1958	91	-0.0678	155	-0.0308
42	-0.2948	92	-0.1098	156	0.1172
43	0.0682	93	-0.1548	157	-0.0738
44	0.0662	94	-0.2308	158	0.3762
45	0.0562	95	-0.5948	159	0.2672
46	0.0512	96	-0.4018	160	0.2052
47	0.0452	97	-0.5298	161	0.0812
48	0.0302	98	0.0532	162	0.3612
49	0.0132	99	0.0092	163	0.3092
50	-0.0088	100	-0.2598	164	0.1452
51	-0.0468	101	-0.2568	165	0.0162

ORF	CP	ORF	CP	ORF	CP
166	0.4352	217	-0.0798	268	-0.1648
167	0.2982	218	-0.0228	269	0.1542
168	0.2412	219	0.0012	270	0.2392
169	0.0902	220	-0.0288	271	-0.2248
170	0.1332	221	-0.4988	272	-0.2608
171	0.1912	222	-0.4498	273	0.1042
172	-0.0468	223	0.0162	274	0.2002
173	0.0142	224	0.0252	275	0.3892
174	-0.0948	225	0.2732	276	0.3862
175	-0.2548	226	0.1162	277	0.2242
176	-0.2918	227	-0.5988	278	-0.7998
177	-0.2358	228	-0.5698	279	-0.7218
178	-0.4058	229	-0.5038	280	-0.6318
179	-0.4298	230	-0.3348	281	-0.4648
180	-0.2198	231	-0.1038	282	-0.2108
181	0.3522	232	-0.0358	283	-0.0598
182	0.4732	233	-0.0098	284	0.0252
183	0.4662	234	-0.0188	285	-0.0078
184	0.6642	235	-0.2208	286	-0.2378
185	0.7382	236	-0.2808	287	-0.2858
186	0.8162	237	-0.0718	288	0.0622
187	0.8702	238	-0.0058	289	0.2202
188	0.9282	239	0.2802	290	0.1882
189	0.9652	240	0.1542	291	-0.4758
190	-0.2138	241	-0.5568	292	0.0082
191	-0.2018	242	-0.5438	325	0.0602
192	-0.2268	244	-0.3248	326	0.0612
193	-0.2328	245	-0.1078	327	0.0592
194	-0.2108	246	-0.0508	328	0.0572
195	-0.2128	247	-0.0138	329	0.0592
196	-0.2398	248	-0.0108	330	0.0592
197	-0.2158	249	-0.0428	331	0.0612
198	-0.2168	250	0.0642	332	0.0592
199	-0.2168	251	-0.2058	333	0.0582
200	-0.2138	252	-0.0718	334	0.0592
201	-0.1948	253	0.3082	335	0.0602
202	-0.1988	254	0.1562	336	0.0602
203	-0.2008	255	-0.6478	337	0.0612
204	-0.2008	256	-0.6148	338	0.0592
205	0.2642	257	-0.5868	339	0.0582
206	0.2922	258	-0.4768	340	0.0572
207	0.2952	259	-0.2088	341	0.0582
208	0.2942	260	-0.0428	350	0.0572
210	0.3332	261	0.0142	351	0.0652
211	0.3272	262	0.0162	352	0.0662
212	0.1752	263	-0.1718	353	0.0642
213	-0.7248	264	-0.1008	354	0.0632
214	-0.5888	265	0.1722	355	0.0642
215	-0.5218	266	0.1992		
216	-0.2958	267	-0.1938		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 572
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 25.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.951
TUNNEL DYNAMIC PRESSURE(PSF) = 674.
TUNNEL STAGNATION PRESSURE(PSF) = 1906.
TUNNEL STATIC PRESSURE(PSF) = 1066.
REYNOLDS NUMBER PER FOOT = 3.9900E 06
MODEL ANGLE OF ATTACK(DEG) = 2.06
FIN ANGLE(DEG) = -0.19
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.7864
247	0.7864
347	0.7864
447	0.7874
547	0.7924
647	0.7924
747	0.7914

ORF	CP	ORF	CP	ORF	CP
1	0.0984	52	-0.1276	102	-0.2146
2	-0.3866	53	-0.3816	103	-0.6216
3	-0.4576	54	-0.3186	104	-0.5896
4	-0.3146	55	0.0144	105	-0.3936
5	-0.2006	56	0.0194	110	-0.1736
6	-0.1096	57	0.0204	111	-0.1286
7	-0.0616	58	0.0114	112	-0.0256
8	-0.0286	59	-0.0026	113	-0.0506
9	-0.0106	60	-0.0206	114	-0.0496
10	-0.0046	61	-0.0506	115	-0.0606
11	-0.0086	62	-0.0926	116	-0.0216
12	-0.0196	63	-0.1626	117	0.0474
13	-0.0496	64	-0.5596	118	0.0864
14	-0.1836	65	-0.5086	119	0.0544
15	-0.2256	66	0.0054	120	0.0584
16	-0.2336	67	0.0124	121	0.0574
17	-0.2876	68	0.0004	122	0.0474
18	-0.1646	69	-0.0196	123	-0.0556
19	-0.1046	70	-0.0426	124	0.0204
20	-0.0606	71	-0.0726	125	0.0254
21	-0.0316	72	-0.1166	126	0.0464
22	-0.0086	73	-0.2086	127	0.0344
23	-0.0006	74	-0.5626	128	-0.0606
24	-0.0006	75	-0.0076	129	-0.0006
25	-0.0066	76	-0.0086	135	0.0614
26	-0.0276	77	-0.0376	136	0.0544
27	-0.0746	78	-0.0666	137	0.0574
28	-0.2136	79	-0.0936	138	0.1404
29	-0.2446	80	-0.1426	139	0.1404
30	-0.1466	81	-0.2776	140	0.1394
32	-0.0566	82	-0.5736	141	0.1504
33	-0.0286	83	-0.0206	142	0.1504
34	-0.0086	84	-0.0496	143	0.1494
35	0.0014	85	-0.0716	145	0.0554
36	0.0034	86	-0.0976	147	0.1464
37	-0.0016	87	-0.1426	151	0.0504
38	-0.0136	88	-0.2396	152	-0.2116
39	-0.0386	89	-0.5806	153	-0.2166
40	-0.0876	90	-0.0966	154	-0.2356
41	-0.2146	91	-0.0686	155	0.0154
42	-0.2766	92	-0.1076	156	0.1164
43	-0.0186	93	-0.1476	157	-0.0646
44	-0.0056	94	-0.2216	158	0.3204
45	0.0034	95	-0.5736	159	0.2344
46	0.0124	96	-0.2636	160	0.1644
47	0.0104	97	-0.4816	161	0.0354
48	0.0044	98	0.1084	162	0.3284
49	-0.0086	99	0.0554	163	0.2404
50	-0.0296	100	-0.2746	164	0.1404
51	-0.0666	101	-0.2586	165	-0.0146

ORF	CP	ORF	CP	ORF	CP
166	0.4614	217	-0.0116	268	-0.1346
167	0.2364	218	0.0124	269	0.1614
168	0.1994	219	0.0224	270	0.2234
169	0.0694	220	-0.0166	271	-0.2386
170	0.2584	221	-0.4806	272	-0.2316
171	0.1494	222	-0.4006	273	0.1834
172	-0.0686	223	-0.0136	274	0.2454
173	0.0134	224	-0.0116	275	0.4224
174	-0.0746	225	0.3094	276	0.3744
175	-0.2576	226	0.1604	277	0.2024
176	-0.2756	227	-0.5186	278	-0.8746
177	-0.1796	228	-0.5086	279	-0.7746
178	-0.3256	229	-0.4686	280	-0.6816
179	-0.3026	230	-0.3126	281	-0.5196
180	-0.2246	231	-0.0796	282	-0.2596
181	0.2404	232	-0.0086	283	-0.1036
182	0.3684	233	0.0164	284	0.0054
183	0.3774	234	-0.0056	285	-0.0166
184	0.5674	235	-0.1986	286	-0.2316
185	0.6404	236	-0.2626	287	-0.2856
186	0.7334	237	-0.0806	288	0.1704
187	0.8534	238	-0.0096	289	0.2384
188	0.9134	239	0.3184	290	0.2084
189	0.9534	240	0.1964	291	-0.6236
190	-0.2056	241	-0.7136	292	-0.0286
191	-0.2116	242	-0.6596	325	0.0544
192	-0.2256	244	-0.3976	326	0.0534
193	-0.2356	245	-0.1576	327	0.0524
194	-0.2086	246	-0.0586	328	0.0534
195	-0.2076	247	-0.0016	329	0.0524
196	-0.2316	248	0.0114	330	0.0534
197	-0.2086	249	-0.0106	331	0.0544
198	-0.2066	250	0.0614	332	0.0534
199	-0.2086	251	-0.1876	333	0.0544
200	-0.2066	252	-0.0476	334	0.0534
201	-0.1916	253	0.3654	335	0.0544
202	-0.1996	254	0.2284	336	0.0534
203	-0.2036	255	-0.8726	337	0.0544
204	-0.1996	256	-0.7446	338	0.0534
205	0.2974	257	-0.7026	339	0.0534
206	0.3284	258	-0.5536	340	0.0534
207	0.3314	259	-0.3046	341	0.0524
208	0.3314	260	-0.0866	350	0.0554
210	0.2644	261	0.0124	351	0.0604
211	0.2954	262	0.0204	352	0.0604
212	0.1564	263	-0.1666	353	0.0594
213	-0.5396	264	-0.0646	354	0.0594
214	-0.3716	265	0.1854	355	0.0624
215	-0.2496	266	0.2114		
216	-0.0946	267	-0.1906		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 573
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 25.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.948
TUNNEL DYNAMIC PRESSURE(PSF) = 673.
TUNNEL STAGNATION PRESSURE(PSF) = 1906.
TUNNEL STATIC PRESSURE(PSF) = 1069.
REYNOLDS NUMBER PER FOOT = 3.9860E 06
MODEL ANGLE OF ATTACK(DEG) = 4.00
FIN ANGLE(DEG) = -0.21
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.7846
247	0.7846
347	0.7846
447	0.7866
547	0.7886
647	0.7896
747	0.7886

ORF	CP	ORF	CP	ORF	CP
1	0.0436	52	-0.1294	102	-0.2144
2	-0.3754	53	-0.3774	103	-0.6124
3	-0.4404	54	-0.3334	104	-0.5754
4	-0.3284	55	-0.3614	105	-0.3884
5	-0.2114	56	-0.1944	110	-0.1134
6	-0.1134	57	-0.0434	111	-0.0864
7	-0.0794	58	-0.0104	112	-0.0244
8	-0.0504	59	-0.0134	113	-0.0584
9	-0.0334	60	-0.0314	114	-0.0514
10	-0.0294	61	-0.0564	115	-0.0644
11	-0.0294	62	-0.0944	116	-0.0264
12	-0.0414	63	-0.1634	117	0.0446
13	-0.0674	64	-0.5664	118	0.0776
14	-0.1834	65	-0.5134	119	0.0376
15	-0.2234	66	-0.3504	120	0.0466
16	-0.2594	67	-0.2204	121	0.0466
17	-0.2804	68	-0.0834	122	0.0336
18	-0.2084	69	-0.0384	123	-0.0664
19	-0.1284	70	-0.0524	124	-0.0114
20	-0.0894	71	-0.0784	125	0.0076
21	-0.0564	72	-0.1244	126	0.0176
22	-0.0364	73	-0.2174	127	0.0136
23	-0.0274	74	-0.5394	128	-0.0684
24	-0.0234	75	-0.3674	129	-0.0034
25	-0.0304	76	-0.2464	135	0.0536
26	-0.0514	77	-0.1284	136	0.0346
27	-0.0954	78	-0.0854	137	0.0526
28	-0.2114	79	-0.1004	138	0.1326
29	-0.2444	80	-0.1484	139	0.1366
30	-0.2544	81	-0.3034	140	0.1366
32	-0.0794	82	-0.5244	141	0.1496
33	-0.0544	83	-0.3414	142	0.1466
34	-0.0394	84	-0.2584	143	0.1496
35	-0.0244	85	-0.1534	145	0.0316
36	-0.0144	86	-0.1064	147	0.1536
37	-0.0204	87	-0.1374	151	0.0536
38	-0.0334	88	-0.2524	152	-0.1944
39	-0.0534	89	-0.5254	153	-0.2064
40	-0.0984	90	-0.4104	154	-0.2334
41	-0.2164	91	-0.2564	155	0.1006
42	-0.2694	92	-0.1444	156	0.0766
43	-0.3754	93	-0.1484	157	-0.0934
44	-0.0744	94	-0.2334	158	0.2626
45	-0.0094	95	-0.4844	159	0.1986
46	-0.0044	96	-0.0624	160	0.1296
47	-0.0044	97	-0.4384	161	0.0046
48	-0.0074	98	0.1786	162	0.2966
49	-0.0214	99	0.1156	163	0.2136
50	-0.0334	100	-0.2804	164	0.1356
51	-0.0704	101	-0.2614	165	-0.0254

ORF	CP	ORF	CP	ORF	CP
166	0.4276	217	0.0586	268	-0.1134
167	0.2406	218	0.0776	269	0.1496
168	0.2086	219	0.0856	270	0.1916
169	0.0736	220	0.0456	271	-0.2424
170	0.2576	221	-0.5134	272	-0.1924
171	0.1456	222	-0.4534	273	0.1756
172	-0.0604	223	-0.0024	274	0.2226
173	0.0386	224	0.0206	275	0.3796
174	-0.0504	225	0.3876	276	0.3086
175	-0.2224	226	0.2266	277	0.1386
176	-0.2704	227	-0.5164	278	-0.7784
177	-0.1844	228	-0.4964	279	-0.7124
178	-0.3074	229	-0.4464	280	-0.6484
179	-0.2204	230	-0.3064	281	-0.4844
180	-0.2204	231	-0.0644	282	-0.2284
181	0.1856	232	0.0256	283	-0.0994
182	0.2986	233	0.0566	284	-0.0204
183	0.2786	234	0.0376	285	-0.0414
184	0.4546	235	-0.1834	286	-0.2474
185	0.5346	236	-0.2724	287	-0.2544
186	0.6146	237	-0.0644	288	0.1936
187	0.6976	238	0.0176	289	0.2446
188	0.7696	239	0.3226	290	0.1886
189	0.7846	240	0.2126	291	-0.8404
190	-0.2164	241	-0.7004	292	-0.0504
191	-0.2104	242	-0.6394	325	0.0456
192	-0.2234	244	-0.3444	326	0.0466
193	-0.2214	245	-0.1274	327	0.0466
194	-0.2154	246	-0.0354	328	0.0446
195	-0.2084	247	0.0186	329	0.0456
196	-0.2284	248	0.0266	330	0.0466
197	-0.2114	249	0.0006	331	0.0466
198	-0.2094	250	0.0476	332	0.0466
199	-0.2094	251	-0.1944	333	0.0446
200	-0.2094	252	-0.0524	334	0.0476
201	-0.2024	253	0.3366	335	0.0466
202	-0.1994	254	0.1846	336	0.0466
203	-0.2034	255	-0.7124	337	0.0456
204	-0.2054	256	-0.6884	338	0.0476
205	0.3146	257	-0.6344	339	0.0476
206	0.3576	258	-0.5114	340	0.0456
207	0.3606	259	-0.2464	341	0.0456
208	0.3746	260	-0.0884	350	0.0386
210	0.2196	261	-0.0074	351	0.0526
211	0.4156	262	0.0016	352	0.0516
212	0.2766	263	-0.1524	353	0.0486
213	-0.5964	264	-0.0544	354	0.0496
214	-0.3664	265	0.1626	355	0.0486
215	-0.2164	266	0.1846		
216	-0.0344	267	-0.1894		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 574
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 25.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.946
TUNNEL DYNAMIC PRESSURE(PSF) = 672.
TUNNEL STAGNATION PRESSURE(PSF) = 1907.
TUNNEL STATIC PRESSURE(PSF) = 1071.
REYNOLDS NUMBER PER FOOT = 3.9850E 06
MODEL ANGLE OF ATTACK(DEG) = 5.97
FIN ANGLE(DEG) = -0.47
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.7852
247	0.7832
347	0.7842
447	0.7842
547	0.7772
647	0.7782
747	0.7782

ORF	CP	ORF	CP	ORF	CP
1	-0.1318	52	-0.1358	102	-0.1978
2	-0.5008	53	-0.3838	103	-0.5758
3	-0.5638	54	-0.3158	104	-0.5498
4	-0.3228	55	-0.4978	105	-0.3608
5	-0.1808	56	-0.4788	110	-0.1248
6	-0.1078	57	-0.4058	111	-0.1018
7	-0.0688	58	-0.2688	112	-0.0448
8	-0.0448	59	-0.1008	113	-0.0788
9	-0.0298	60	-0.0128	114	-0.0528
10	-0.0238	61	-0.0208	115	-0.0838
11	-0.0228	62	-0.0698	116	-0.0528
12	-0.0308	63	-0.1388	117	0.0252
13	-0.0548	64	-0.5678	118	0.0632
14	-0.1958	65	-0.5318	119	0.0162
15	-0.2188	66	-0.4518	120	0.0322
16	-0.4728	67	-0.4378	121	0.0313
17	-0.4628	68	-0.4068	122	0.0152
18	-0.2798	69	-0.3328	123	-0.0858
19	-0.1658	70	-0.2278	124	-0.0278
20	-0.1148	71	-0.1798	125	-0.0088
21	-0.0878	72	-0.1718	126	0.0012
22	-0.0658	73	-0.2538	127	-0.0038
23	-0.0528	74	-0.4878	128	-0.0888
24	-0.0398	75	-0.4638	129	-0.0208
25	-0.0388	76	-0.4608	135	0.0372
26	-0.0518	77	-0.4258	136	0.0152
27	-0.0898	78	-0.3708	137	0.0342
28	-0.2208	79	-0.3228	138	0.1212
29	-0.2468	80	-0.2778	139	0.1162
30	-0.6378	81	-0.3548	140	0.1192
32	-0.0998	82	-0.4098	141	0.1412
33	-0.0618	83	-0.4128	142	0.1372
34	-0.0498	84	-0.4868	143	0.1412
35	-0.0398	85	-0.4408	145	0.0122
36	-0.0318	86	-0.3848	147	0.1392
37	-0.0328	87	-0.3348	151	0.0482
38	-0.0418	88	-0.3578	152	-0.1748
39	-0.0638	89	-0.3788	153	-0.2318
40	-0.1158	90	-0.4928	154	-0.2828
41	-0.2318	91	-0.4748	155	0.1972
42	-0.2648	92	-0.4468	156	0.0752
43	-0.6728	93	-0.4048	157	-0.0878
44	-0.5858	94	-0.3968	158	0.2802
45	-0.1078	95	-0.3478	159	0.2322
46	0.0632	96	0.0662	160	0.1822
47	0.0252	97	-0.4518	161	0.0392
48	0.0012	98	0.2542	162	0.3642
49	-0.0178	99	0.1712	163	0.2832
50	-0.0368	100	-0.2878	164	0.1162
51	-0.0778	101	-0.2428	165	0.0162

ORF	CP	ORF	CP	ORF	CP
166	0.5022	217	0.0992	268	-0.1038
167	0.3042	218	0.1112	269	0.1592
168	0.2622	219	0.1022	270	0.1902
169	0.1162	220	0.0512	271	-0.2258
170	0.2102	221	-0.5378	272	-0.2038
171	0.2322	222	-0.4808	273	0.1822
172	-0.0138	223	-0.0318	274	0.2362
173	0.0952	224	-0.0098	275	0.3452
174	-0.0188	225	0.3732	276	0.2392
175	-0.1518	226	0.2102	277	0.0992
176	-0.2848	227	-0.4318	278	-1.0327
177	-0.1928	228	-0.4248	279	-0.8938
178	-0.3008	229	-0.3878	280	-0.7408
179	-0.1518	230	-0.2508	281	-0.4878
180	-0.2378	231	-0.0198	282	-0.2218
181	0.1732	232	0.0532	283	-0.1108
182	0.2952	233	0.0682	284	-0.0218
183	0.1632	234	0.0402	285	-0.0418
184	0.3182	235	-0.1868	286	-0.2368
185	0.3992	236	-0.2888	287	-0.2728
186	0.4782	237	-0.0698	288	0.2032
187	0.5582	238	0.0092	289	0.2942
188	0.6312	239	0.2582	290	0.1932
189	0.6542	240	0.1572	291	-0.7678
190	-0.2128	241	-0.6328	292	-0.0638
191	-0.2128	242	-0.5488	325	0.0342
192	-0.2308	244	-0.2738	326	0.0352
193	-0.2408	245	-0.0998	327	0.0362
194	-0.2178	246	-0.0288	328	0.0362
195	-0.2168	247	0.0132	329	0.0342
196	-0.2548	248	0.0202	330	0.0352
197	-0.2238	249	-0.0058	331	0.0362
198	-0.2238	250	0.0342	332	0.0372
199	-0.2298	251	-0.2018	333	0.0362
200	-0.2248	252	-0.0458	334	0.0342
201	-0.2168	253	0.2522	335	0.0362
202	-0.2148	254	0.1182	336	0.0372
203	-0.2188	255	-0.8248	337	0.0342
204	-0.2178	256	-0.7438	338	0.0352
205	0.3212	257	-0.6728	339	0.0362
206	0.3692	258	-0.4878	340	0.0372
207	0.3722	259	-0.2178	341	0.0342
208	0.3962	260	-0.0898	350	0.0172
210	0.2122	261	-0.0218	351	0.0342
211	0.4012	262	-0.0068	352	0.0352
212	0.2602	263	-0.1568	353	0.0342
213	-0.4948	264	-0.0508	354	0.0342
214	-0.2358	265	0.1632	355	0.0342
215	-0.1198	266	0.1982		
216	0.0262	267	-0.1928		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 575
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 25.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.946
TUNNEL DYNAMIC PRESSURE(PSF) = 671.
TUNNEL STAGNATION PRESSURE(PSF) = 1906.
TUNNEL STATIC PRESSURE(PSF) = 1071.
REYNOLDS NUMBER PER FOOT = 3.9820E 06
MODEL ANGLE OF ATTACK(DEG) = 7.96
FIN ANGLE(DEG) = -0.64
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.7819
247	0.7809
347	0.7819
447	0.7819
547	0.7689
647	0.7679
747	0.7679

ORF	CP	ORF	CP	ORF	CP
1	-0.2561	52	-0.1401	102	-0.1481
2	-0.5891	53	-0.3891	103	-0.5101
3	-0.7311	54	-0.2461	104	-0.5061
4	-0.7381	55	-0.7641	105	-0.3341
5	-0.6421	56	-0.7821	110	-0.1301
6	-0.2061	57	-0.6921	111	-0.1291
7	-0.0871	58	-0.5551	112	-0.0741
8	-0.0281	59	-0.2451	113	-0.1041
9	0.0149	60	0.1029	114	-0.0771
10	0.0099	61	0.0369	115	-0.1131
11	0.0219	62	-0.0441	116	-0.0861
12	0.0129	63	-0.1301	117	-0.0021
13	-0.0141	64	-0.5711	118	0.0449
14	-0.1821	65	-0.4081	119	-0.0081
15	-0.2131	66	-0.5331	120	0.0099
16	-0.5481	67	-0.5751	121	0.0099
17	-0.6251	68	-0.6121	122	-0.0151
18	-0.7111	69	-0.6081	123	-0.1181
19	-0.5471	70	-0.5891	124	-0.0391
20	-0.2431	71	-0.5021	125	-0.0241
21	-0.0991	72	-0.3971	126	-0.0101
22	-0.0551	73	-0.2951	127	-0.0211
23	-0.0351	74	-0.3361	128	-0.1121
24	-0.0251	75	-0.5311	129	-0.0431
25	-0.0191	76	-0.5471	135	0.0049
26	-0.0291	77	-0.5581	136	-0.0011
27	-0.0671	78	-0.5601	137	0.0019
28	-0.2191	79	-0.5421	138	0.0829
29	-0.2111	80	-0.5191	139	0.0859
30	-0.8331	81	-0.4761	140	0.0809
32	-0.5531	82	-0.3771	141	0.1089
33	-0.1941	83	-0.4731	142	0.0919
34	-0.0361	84	-0.5601	143	0.1139
35	-0.0011	85	-0.5591	145	-0.0041
36	-0.0041	86	-0.5291	147	0.0879
37	-0.0191	87	-0.4971	151	0.0739
38	-0.0281	88	-0.4361	152	-0.1671
39	-0.0531	89	-0.3531	153	-0.2331
40	-0.1091	90	-0.5061	154	-0.3011
41	-0.2371	91	-0.4681	155	0.2309
42	-0.2221	92	-0.4591	156	0.1419
43	-0.9911	93	-0.4541	157	-0.0701
44	-0.7741	94	-0.4371	158	0.3429
45	-0.5181	95	-0.3511	159	0.2919
46	-0.1351	96	0.0409	160	0.2369
47	0.0359	97	-0.4381	161	0.0749
48	0.0169	98	0.3079	162	0.4389
49	-0.0141	99	0.2289	163	0.3649
50	-0.0391	100	-0.2601	164	0.0859
51	-0.0721	101	-0.1911	165	0.0549

ORF	CP	ORF	CP	ORF	CP
166	0.6119	217	0.1199	268	-0.1011
167	0.3919	218	0.1319	269	0.2059
168	0.3439	219	0.1309	270	0.2259
169	0.1739	220	0.0829	271	-0.1941
170	0.2429	221	-0.5411	272	-0.2051
171	0.3089	222	-0.4911	273	0.2129
172	0.0329	223	-0.0341	274	0.2469
173	0.1169	224	0.0049	275	0.4299
174	0.0119	225	0.3979	276	0.2359
175	-0.1591	226	0.2249	277	0.1189
176	-0.2971	227	-0.4811	278	-1.1341
177	-0.1831	228	-0.4741	279	-1.0391
178	-0.3681	229	-0.4421	280	-0.8971
179	-0.2721	230	-0.3101	281	-0.7391
180	-0.2621	231	-0.0621	282	-0.6281
181	0.1679	232	0.0309	283	-0.1921
182	0.2799	233	0.0709	284	-0.0121
183	0.0719	234	0.0569	285	-0.0181
184	0.1929	235	-0.1611	286	-0.1961
185	0.2589	236	-0.2781	287	-0.2591
186	0.3449	237	-0.0651	288	0.1929
187	0.3889	238	0.0149	289	0.3209
188	0.4579	239	0.2619	290	0.2279
189	0.4989	240	0.1569	291	-0.9481
190	-0.2241	241	-0.8171	292	-0.0951
191	-0.2331	242	-0.7351	325	0.0239
192	-0.2361	244	-0.4461	326	0.0229
193	-0.2431	245	-0.1261	327	0.0229
194	-0.2321	246	-0.0371	328	0.0219
195	-0.2431	247	0.0159	329	0.0199
196	-0.2561	248	0.0359	330	0.0219
197	-0.2371	249	0.0099	331	0.0239
198	-0.2351	250	0.0129	332	0.0229
199	-0.2341	251	-0.2191	333	0.0229
200	-0.2391	252	-0.0211	334	0.0219
201	-0.2311	253	0.2689	335	0.0229
202	-0.2381	254	0.1559	336	0.0229
203	-0.2351	255	-1.2311	337	0.0229
204	-0.2361	256	-1.1281	338	0.0229
205	0.3369	257	-1.0401	339	0.0229
206	0.4119	258	-0.8281	340	0.0219
207	0.4119	259	-0.3631	341	0.0199
208	0.4299	260	-0.1411	350	-0.0111
210	0.1789	261	-0.0131	351	0.0139
211	0.4589	262	0.0089	352	0.0129
212	0.3049	263	-0.1591	353	0.0129
213	-0.5501	264	-0.0371	354	0.0119
214	-0.2901	265	0.2019	355	0.0149
215	-0.1341	266	0.2369		
216	0.0289	267	-0.1811		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 576
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 25.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.947
TUNNEL DYNAMIC PRESSURE(PSF) = 671.
TUNNEL STAGNATION PRESSURE(PSF) = 1904.
TUNNEL STATIC PRESSURE(PSF) = 1069.
REYNOLDS NUMBER PER FOOT = 3.9750E 06
MODEL ANGLE OF ATTACK(DEG) = 11.95
FIN ANGLE(DEG) = -0.64
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.7869
247	0.7859
347	0.7869
447	0.7869
547	0.7839
647	0.7829
747	0.7829

ORF	CP	ORF	CP	ORF	CP
1	-0.3581	52	-0.0541	102	-0.1171
2	-0.7031	53	-0.2951	103	-0.5811
3	-0.7811	54	-0.1521	104	-0.5291
4	-0.7891	55	-0.9011	105	-0.3671
5	-0.6661	56	-0.9311	110	-0.1061
6	-0.3401	57	-1.0011	111	-0.1371
7	-0.1861	58	-0.9921	112	-0.1001
8	-0.1101	59	-0.9741	113	-0.1391
9	-0.0631	60	-0.7181	114	-0.0721
10	-0.0331	61	-0.0331	115	-0.1411
11	-0.0201	62	0.1399	116	-0.1271
12	-0.0181	63	0.0299	117	-0.0331
13	-0.0321	64	-0.2861	118	-0.0061
14	-0.1571	65	-0.2071	119	-0.0391
15	-0.1691	66	-0.6701	120	0.0029
16	-0.6951	67	-0.6631	121	0.0039
17	-0.7781	68	-0.7061	122	-0.0131
18	-0.8201	69	-0.7841	123	-0.1501
19	-0.7371	70	-0.7681	124	-0.0581
20	-0.5051	71	-0.7101	125	-0.0431
21	-0.3621	72	-0.6131	126	-0.0301
22	-0.2231	73	-0.5331	127	-0.0391
23	-0.1241	74	-0.4391	128	-0.1391
24	-0.0561	75	-0.4841	129	-0.0421
25	-0.0221	76	-0.4821	135	0.0029
26	-0.0131	77	-0.4881	136	-0.0241
27	-0.0381	78	-0.5491	137	0.0019
28	-0.1661	79	-0.5441	138	0.0889
29	-0.1571	80	-0.5171	139	0.0789
30	-1.0341	81	-0.4741	140	0.0919
32	-0.8121	82	-0.4241	141	0.1579
33	-0.5531	83	-0.3611	142	0.1489
34	-0.2471	84	-0.4231	143	0.1679
35	-0.0801	85	-0.4321	145	-0.0241
36	-0.0371	86	-0.4331	147	0.1449
37	-0.0301	87	-0.4131	151	0.0909
38	-0.0391	88	-0.3911	152	-0.1131
39	-0.0591	89	-0.3701	153	-0.2441
40	-0.1031	90	-0.3521	154	-0.3151
41	-0.1941	91	-0.3421	155	0.2519
42	-0.1721	92	-0.3511	156	0.0449
43	-1.1681	93	-0.3501	157	-0.1231
44	-1.0841	94	-0.3451	158	0.3339
45	-0.9291	95	-0.3381	159	0.2709
46	-0.7921	96	0.1979	160	0.1899
47	-0.5901	97	-0.3451	161	0.0379
48	-0.0251	98	0.4109	162	0.4749
49	0.1489	99	0.3269	163	0.3589
50	0.0629	100	-0.2121	164	0.0739
51	-0.0001	101	-0.1841	165	0.0489

ORF	CP	ORF	CP	ORF	CP
166	0.6619	217	0.2649	268	-0.0101
167	0.3919	218	0.2679	269	0.1989
168	0.3499	219	0.2459	270	0.2149
169	0.1769	220	0.1999	271	-0.1651
170	0.2919	221	-0.5991	272	-0.1041
171	0.3359	222	-0.5381	273	0.1989
172	0.0429	223	-0.0171	274	0.2679
173	0.1749	224	0.0709	275	0.5019
174	0.0549	225	0.6079	276	0.1249
175	-0.1161	226	0.3429	277	0.0599
176	-0.3081	227	-0.4641	278	-1.1551
177	-0.1401	228	-0.4571	279	-1.0781
178	-0.0831	229	-0.4301	280	-0.9711
179	0.0119	230	-0.3201	281	-0.7871
180	-0.2751	231	-0.0671	282	-0.6921
181	0.0919	232	0.0409	283	-0.3181
182	0.1859	233	0.1269	284	-0.0561
183	0.0429	234	0.1519	285	-0.0191
184	0.1399	235	-0.0801	286	-0.1721
185	0.2299	236	-0.2481	287	-0.1711
186	0.2859	237	-0.0361	288	0.2429
187	0.3039	238	0.0849	289	0.4139
188	0.3859	239	0.2939	290	0.1969
189	0.3839	240	0.1909	291	-1.0901
190	-0.2461	241	-0.7991	292	-0.1801
191	-0.2541	242	-0.7551	325	0.0149
192	-0.2521	244	-0.5231	326	0.0159
193	-0.2561	245	-0.3081	327	0.0129
194	-0.2401	246	-0.1621	328	0.0149
195	-0.2541	247	0.0079	329	0.0149
196	-0.2691	248	0.0669	330	0.0149
197	-0.2551	249	0.0729	331	0.0159
198	-0.2561	250	0.0049	332	0.0149
199	-0.2501	251	-0.2281	333	0.0159
200	-0.2551	252	0.0139	334	0.0159
201	-0.2411	253	0.2359	335	0.0159
202	-0.2511	254	0.1139	336	0.0149
203	-0.2511	255	-1.1211	337	0.0139
204	-0.2431	256	-1.0131	338	0.0159
205	0.4029	257	-0.9141	339	0.0139
206	0.5089	258	-0.7371	340	0.0139
207	0.4749	259	-0.4821	341	0.0139
208	0.4969	260	-0.2981	350	-0.0331
210	0.1469	261	-0.0821	351	0.0059
211	0.7199	262	-0.0041	352	0.0059
212	0.4859	263	-0.0821	353	0.0039
213	-0.6841	264	0.0319	354	0.0039
214	-0.4281	265	0.1879	355	0.0029
215	-0.2351	266	0.1999		
216	0.1359	267	-0.1261		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 577
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 25.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.950
TUNNEL DYNAMIC PRESSURE(PSF) = 674.
TUNNEL STAGNATION PRESSURE(PSF) = 1906.
TUNNEL STATIC PRESSURE(PSF) = 1067.
REYNOLDS NUMBER PER FOOT = 3.9800E 06
MODEL ANGLE OF ATTACK(DEG) = 14.15
FIN ANGLE(DEG) = -0.39
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.7879
247	0.7879
347	0.7869
447	0.7889
547	0.7859
647	0.7859
747	0.7859

ORF	CP	ORF	CP	ORF	CP
1	-0.4301	52	-0.0121	102	-0.1161
2	-0.7911	53	-0.2511	103	-0.6031
3	-0.7871	54	-0.1491	104	-0.5311
4	-0.7851	55	-0.9141	105	-0.3841
5	-0.6841	56	-0.9231	110	-0.2791
6	-0.3881	57	-0.9571	111	-0.1711
7	-0.2151	58	-1.0171	112	-0.1241
8	-0.1371	59	-1.0471	113	-0.1611
9	-0.0811	60	-0.9491	114	-0.0741
10	-0.0501	61	-0.6921	115	-0.1681
11	-0.0311	62	-0.3211	116	-0.1571
12	-0.0191	63	-0.1601	117	-0.0701
13	-0.0301	64	-0.2921	118	-0.0651
14	-0.1461	65	-0.3151	119	-0.0631
15	-0.1571	66	-0.6441	120	-0.0091
16	-0.7901	67	-0.6281	121	-0.0081
17	-0.8821	68	-0.6171	122	-0.0631
18	-0.9021	69	-0.6331	123	-0.1731
19	-0.8121	70	-0.6741	124	-0.0781
20	-0.6171	71	-0.6581	125	-0.0591
21	-0.4781	72	-0.6161	126	-0.0441
22	-0.3221	73	-0.5651	127	-0.0521
23	-0.1541	74	-0.4791	128	-0.1521
24	-0.0431	75	-0.4931	129	-0.0531
25	0.0029	76	-0.5061	135	-0.0201
26	0.0089	77	-0.5111	136	-0.0471
27	-0.0191	78	-0.5201	137	-0.0141
28	-0.1361	79	-0.5071	138	0.0819
29	-0.1441	80	-0.4811	139	0.0609
30	-1.1051	81	-0.4441	140	0.0869
32	-0.9831	82	-0.4161	141	0.1759
33	-0.7511	83	-0.3831	142	0.1569
34	-0.4091	84	-0.4401	143	0.1869
35	-0.1791	85	-0.4341	145	-0.0501
36	-0.0911	86	-0.4181	147	0.1569
37	-0.0601	87	-0.4021	151	0.1109
38	-0.0511	88	-0.3841	152	-0.0981
39	-0.0651	89	-0.3711	153	-0.2551
40	-0.0941	90	-0.3761	154	-0.3101
41	-0.1821	91	-0.3691	155	0.2539
42	-0.1651	92	-0.3691	156	0.0359
43	-1.1881	93	-0.3611	157	-0.1341
44	-1.1371	94	-0.3531	158	0.3449
45	-1.0461	95	-0.3471	159	0.2479
46	-0.9441	96	0.2999	160	0.1519
47	-0.8331	97	-0.2791	161	0.0049
48	-0.6081	98	0.4679	162	0.4769
49	0.0989	99	0.3769	163	0.3389
50	0.1609	100	-0.1871	164	0.0599
51	0.0669	101	-0.1841	165	0.0359

ORF	CP	ORF	CP	ORF	CP
166	0.6599	217	0.3319	268	0.0209
167	0.3949	218	0.3249	269	0.1899
168	0.3479	219	0.2899	270	0.2199
169	0.1789	220	0.2379	271	-0.1601
170	0.2149	221	-0.6871	272	-0.0391
171	0.3569	222	-0.6221	273	0.1999
172	0.0579	223	-0.0341	274	0.2589
173	0.2059	224	0.0599	275	0.5219
174	0.0569	225	0.6089	276	0.0899
175	-0.0921	226	0.3089	277	0.0059
176	-0.3051	227	-0.4751	278	-1.1581
177	-0.1031	228	-0.4461	279	-1.0971
178	-0.0401	229	-0.4051	280	-0.9991
179	0.0349	230	-0.2461	281	-0.8301
180	-0.2911	231	-0.0191	282	-0.6341
181	0.0699	232	0.0789	283	-0.3301
182	0.1659	233	0.1499	284	-0.0771
183	0.0379	234	0.1709	285	-0.0151
184	0.1699	235	-0.0691	286	-0.1771
185	0.2349	236	-0.2571	287	-0.0681
186	0.2809	237	-0.0531	288	0.2449
187	0.3039	238	0.0839	289	0.4359
188	0.3459	239	0.2559	290	0.1989
189	0.3659	240	0.1639	291	-1.1221
190	-0.2521	241	-0.7491	292	-0.1811
191	-0.2661	242	-0.6981	325	0.0019
192	-0.2671	244	-0.5261	326	-0.0001
193	-0.2801	245	-0.3431	327	-0.0001
194	-0.2661	246	-0.1851	328	-0.0011
195	-0.2771	247	-0.0101	329	-0.0011
196	-0.2981	248	0.0759	330	-0.0031
197	-0.2701	249	0.0919	331	0.0019
198	-0.2651	250	-0.0041	332	0.0019
199	-0.2631	251	-0.2301	333	0.0009
200	-0.2691	252	0.0299	334	-0.0001
201	-0.2571	253	0.2019	335	-0.0011
202	-0.2651	254	0.0959	336	0.0009
203	-0.2651	255	-1.0681	337	0.0019
204	-0.2581	256	-0.9621	338	-0.0001
205	0.4149	257	-0.8671	339	-0.0001
206	0.5259	258	-0.7221	340	-0.0001
207	0.4869	259	-0.5151	341	-0.0011
208	0.5159	260	-0.3361	350	-0.0521
210	0.1059	261	-0.1071	351	-0.0041
211	0.7749	262	-0.0101	352	-0.0041
212	0.5209	263	-0.0711	353	-0.0031
213	-0.6461	264	0.0419	354	-0.0031
214	-0.4271	265	0.1899	355	-0.0021
215	-0.1951	266	0.1989		
216	0.2099	267	-0.1191		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 578
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 25.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.944
TUNNEL DYNAMIC PRESSURE(PSF) = 669.
TUNNEL STAGNATION PRESSURE(PSF) = 1904.
TUNNEL STATIC PRESSURE(PSF) = 1073.
REYNOLDS NUMBER PER FOOT = 3.9720E 06
MODEL ANGLE OF ATTACK(DEG) = 0.12
FIN ANGLE(DEG) = -0.30
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.7841
247	0.7831
347	0.7851
447	0.7851
547	0.7771
647	0.7751
747	0.7761

ORF	CP	ORF	CP	ORF	CP
1	0.1061	52	-0.1229	102	-0.2309
2	-0.3659	53	-0.3879	103	-0.5919
3	-0.4409	54	-0.3619	104	-0.5979
4	-0.2919	55	0.0941	105	-0.3919
5	-0.1809	56	0.0711	110	-0.1349
6	-0.0919	57	0.0591	111	-0.0869
7	-0.0419	58	0.0381	112	-0.0279
8	-0.0119	59	0.0171	113	-0.0639
9	-0.0009	60	-0.0069	114	-0.0679
10	0.0001	61	-0.0419	115	-0.0659
11	-0.0069	62	-0.0869	116	-0.0249
12	-0.0199	63	-0.1659	117	0.0311
13	-0.0509	64	-0.5809	118	0.0671
14	-0.1929	65	-0.5359	119	0.0251
15	-0.2389	66	0.0901	120	0.0461
16	-0.2209	67	0.0671	121	0.0461
17	-0.2099	68	0.0381	122	0.0321
18	-0.1219	69	0.0111	123	-0.0679
19	-0.0729	70	-0.0209	124	-0.0119
20	-0.0349	71	-0.0589	125	0.0051
21	-0.0079	72	-0.1149	126	0.0161
22	0.0051	73	-0.2139	127	0.0121
23	0.0091	74	-0.5889	128	-0.0749
24	0.0061	75	0.0771	129	-0.0099
25	-0.0049	76	0.0401	135	0.0541
26	-0.0229	77	-0.0009	136	0.0411
27	-0.0679	78	-0.0419	137	0.0531
28	-0.2169	79	-0.0919	138	0.1261
29	-0.2779	80	-0.1519	139	0.1261
30	-0.0479	81	-0.2889	140	0.1251
32	-0.0109	82	-0.6019	141	0.1311
33	0.0071	83	0.0501	142	0.1311
34	0.0171	84	-0.0019	143	0.1291
35	0.0211	85	-0.0609	145	0.0381
36	0.0191	86	-0.1039	147	0.1311
37	0.0111	87	-0.1559	151	-0.0259
38	-0.0049	88	-0.2549	152	-0.2429
39	-0.0289	89	-0.6129	153	-0.2189
40	-0.0789	90	-0.0509	154	-0.2799
41	-0.2079	91	-0.0789	155	-0.0269
42	-0.2979	92	-0.1199	156	0.1131
43	0.0591	93	-0.1669	157	-0.0729
44	0.0481	94	-0.2429	158	0.3621
45	0.0411	95	-0.6089	159	0.2611
46	0.0411	96	-0.4139	160	0.2001
47	0.0331	97	-0.5449	161	0.0741
48	0.0201	98	0.0431	162	0.3591
49	0.0011	99	-0.0019	163	0.3161
50	-0.0199	100	-0.2729	164	0.1261
51	-0.0599	101	-0.2609	165	0.0071

ORF	CP	ORF	CP	ORF	CP
166	0.4181	217	-0.0869	268	-0.1769
167	0.2981	218	-0.0439	269	0.1331
168	0.2401	219	-0.0199	270	0.2161
169	0.0871	220	-0.0489	271	-0.2439
170	0.1251	221	-0.5079	272	-0.2769
171	0.1801	222	-0.4619	273	0.0961
172	-0.0599	223	0.0021	274	0.1671
173	0.0091	224	0.0051	275	0.3761
174	-0.0999	225	0.2461	276	0.3681
175	-0.2569	226	0.0941	277	0.1991
176	-0.2979	227	-0.6039	278	-0.8169
177	-0.2449	228	-0.5599	279	-0.7419
178	-0.4129	229	-0.5089	280	-0.6519
179	-0.4329	230	-0.3149	281	-0.4929
180	-0.2349	231	-0.1159	282	-0.2449
181	0.3521	232	-0.0549	283	-0.0769
182	0.4771	233	-0.0279	284	0.0061
183	0.4631	234	-0.0429	285	-0.0309
184	0.6611	235	-0.2379	286	-0.2479
185	0.7301	236	-0.2939	287	-0.3039
186	0.8041	237	-0.0819	288	0.0471
187	0.8421	238	-0.0239	289	0.1941
188	0.9121	239	0.2511	290	0.1681
189	0.9451	240	0.1281	291	-0.5179
190	-0.2249	241	-0.5739	292	-0.0109
191	-0.2149	242	-0.5569	325	0.0501
192	-0.2349	244	-0.3329	326	0.0511
193	-0.2309	245	-0.1219	327	0.0531
194	-0.2149	246	-0.0649	328	0.0511
195	-0.2159	247	-0.0319	329	0.0511
196	-0.2429	248	-0.0319	330	0.0501
197	-0.2229	249	-0.0599	331	0.0531
198	-0.2219	250	0.0471	332	0.0541
199	-0.2179	251	-0.2079	333	0.0531
200	-0.2119	252	-0.0889	334	0.0511
201	-0.2069	253	0.2841	335	0.0511
202	-0.2079	254	0.1371	336	0.0501
203	-0.2079	255	-0.6589	337	0.0511
204	-0.2049	256	-0.6379	338	0.0521
205	0.2481	257	-0.6129	339	0.0541
206	0.2751	258	-0.4899	340	0.0511
207	0.2761	259	-0.2349	341	0.0511
208	0.2741	260	-0.0689	350	0.0221
210	0.3051	261	-0.0049	351	0.0481
211	0.3011	262	-0.0019	352	0.0481
212	0.1491	263	-0.1919	353	0.0461
213	-0.7259	264	-0.1139	354	0.0471
214	-0.5869	265	0.1501	355	0.0481
215	-0.5079	266	0.1861		
216	-0.2819	267	-0.2089		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 579
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 24.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.902
TUNNEL DYNAMIC PRESSURE(PSF) = 652.
TUNNEL STAGNATION PRESSURE(PSF) = 1940.
TUNNEL STATIC PRESSURE(PSF) = 1144.
REYNOLDS NUMBER PER FOOT = 3.9870E 06
MODEL ANGLE OF ATTACK(DEG) = -14.22
FIN ANGLE(DEG) = -0.54
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.6964
247	0.6954
347	0.6954
447	0.6954
547	0.6954
647	0.6954
747	0.6954

ORF	CP	ORF	CP	ORF	CP
1	-0.1106	52	-0.1766	102	-0.3766
2	-0.4136	53	-0.3996	103	-0.7116
3	-0.4046	54	-0.3546	104	-0.7006
4	-0.3016	55	0.1884	105	-0.5386
5	-0.2376	56	0.1404	110	-0.2176
6	-0.1906	57	0.1014	111	-0.2536
7	-0.1706	58	0.0704	112	-0.2006
8	-0.1636	59	0.0464	113	-0.2376
9	-0.1596	60	0.0144	114	-0.1756
10	-0.1536	61	-0.0296	115	-0.2336
11	-0.1526	62	-0.0806	116	-0.1876
12	-0.1676	63	-0.1656	117	-0.1126
13	-0.1886	64	-0.4976	118	-0.1006
14	-0.3206	65	-0.3966	119	-0.0926
15	-0.3476	66	0.2344	120	0.0204
16	-0.1696	67	0.1774	121	0.0244
17	-0.1766	68	0.1324	122	-0.0576
18	-0.1756	69	0.0924	123	-0.2536
19	-0.1656	70	0.0524	124	-0.1566
20	-0.1476	71	0.0014	125	-0.1146
21	-0.1386	72	-0.0706	126	-0.1006
22	-0.1346	73	-0.2006	127	-0.1026
23	-0.1366	74	-0.4016	128	-0.2666
24	-0.1496	75	0.2454	129	-0.2156
25	-0.1496	76	0.1784	135	-0.0486
26	-0.1666	77	0.1214	136	-0.0786
27	-0.1996	78	0.0564	137	-0.0386
28	-0.3236	79	-0.0096	138	0.0584
29	-0.3566	80	-0.1136	139	0.0634
30	-0.0436	81	-0.3196	140	0.0694
32	-0.0776	82	-0.4286	141	0.1324
33	-0.0736	83	0.1994	142	0.1024
34	-0.0866	84	0.1354	143	0.1384
35	-0.0896	85	0.0574	145	-0.0806
36	-0.0916	86	-0.0436	147	0.1054
37	-0.1076	87	-0.1606	151	-0.1826
38	-0.1206	88	-0.3276	152	-0.2746
39	-0.1476	89	-0.4786	153	-0.2946
40	-0.1896	90	0.1314	154	-0.3046
41	-0.2966	91	-0.0666	155	-0.0676
42	-0.3576	92	-0.1956	156	-0.1106
43	0.0874	93	-0.3006	157	-0.2056
44	0.0454	94	-0.4216	158	0.2554
45	0.0204	95	-0.5426	159	0.0194
46	0.0054	96	-0.5846	160	0.0034
47	-0.0086	97	-0.5486	161	-0.0756
48	-0.0306	98	-0.6016	162	0.1324
49	-0.0456	99	-1.0286	163	0.0164
50	-0.0756	100	-0.8646	164	0.0654
51	-0.1166	101	-0.4156	165	-0.1596

ORF	CP	ORF	CP	ORF	CP
166	0.0604	217	-0.9366	268	-0.2446
167	-0.0706	218	-1.0056	269	0.0084
168	-0.1166	219	-0.4256	270	0.1374
169	-0.1976	220	-0.3666	271	-0.3866
170	-0.0496	221	-0.6036	272	-0.3076
171	-0.1396	222	-0.5356	273	0.0374
172	-0.2276	223	-0.0376	274	0.0794
173	-0.1186	224	-0.0456	275	0.0734
174	-0.1726	225	0.0924	276	0.0904
175	-0.2356	226	-0.0566	277	-0.0566
176	-0.2796	227	-1.4016	278	-0.7986
177	-0.3866	228	-1.3216	279	-0.7526
178	-0.4926	229	-1.2456	280	-0.6526
179	-0.3926	230	-1.1206	281	-0.4436
180	-0.2796	231	-1.0796	282	-0.2276
181	0.0114	232	-0.9306	283	-0.1766
182	0.2464	233	-0.3726	284	-0.1386
183	0.6924	234	-0.3176	285	-0.1676
184	0.8554	235	-0.5906	286	-0.4076
185	0.8924	236	-0.4116	287	-0.3706
186	1.0084	237	-0.1576	288	-0.0376
187	1.1684	238	-0.1026	289	-0.0116
188	1.2224	239	-0.0156	290	0.0184
189	1.2194	240	-0.1056	291	-0.4146
190	-0.2596	241	-1.1636	292	-0.0726
191	-0.2046	242	-1.0186	325	0.0354
192	-0.2656	244	-0.6736	326	0.0354
193	-0.2706	245	-0.5036	327	0.0344
194	-0.2306	246	-0.4116	328	0.0354
195	-0.2046	247	-0.2746	329	0.0354
196	-0.2336	248	-0.2046	330	0.0384
197	-0.2386	249	-0.2016	331	0.0364
198	-0.2326	250	0.0394	332	0.0364
199	-0.2296	251	-0.2446	333	0.0364
200	-0.2116	252	-0.1786	334	0.0364
201	-0.2046	253	0.0184	335	0.0384
202	-0.2276	254	-0.1476	336	0.0354
203	-0.2126	255	-0.6606	337	0.0354
204	-0.2036	256	-0.6716	338	0.0334
205	0.0274	257	-0.6536	339	0.0344
206	0.0354	258	-0.5526	340	0.0354
207	0.0514	259	-0.3436	341	0.0354
208	0.0494	260	-0.2506	350	-0.0556
210	0.1114	261	-0.2046	351	0.0394
211	-0.4176	262	-0.1816	352	0.0394
212	-0.3996	263	-0.3036	353	0.0394
213	-1.3146	264	-0.2176	354	0.0394
214	-1.2976	265	-0.0126	355	0.0394
215	-1.2046	266	0.0484		
216	-1.0796	267	-0.3356		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 580
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 24.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.898
TUNNEL DYNAMIC PRESSURE(PSF) = 649.
TUNNEL STAGNATION PRESSURE(PSF) = 1939.
TUNNEL STATIC PRESSURE(PSF) = 1149.
REYNOLDS NUMBER PER FOOT = 3.9770E 06
MODEL ANGLE OF ATTACK(DEG) = -12.09
FIN ANGLE(DEG) = -0.60
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.6926
247	0.6916
347	0.6926
447	0.6936
547	0.7046
647	0.7056
747	0.7046

ORF	CP	ORF	CP	ORF	CP
1	-0.0864	52	-0.1454	102	-0.3394
2	-0.3654	53	-0.3994	103	-0.6354
3	-0.3454	54	-0.3354	104	-0.6204
4	-0.2564	55	0.2226	105	-0.5004
5	-0.1984	56	0.1786	110	-0.1724
6	-0.1664	57	0.1406	111	-0.2024
7	-0.1434	58	0.1066	112	-0.1494
8	-0.1334	59	0.0746	113	-0.1924
9	-0.1304	60	0.0396	114	-0.1814
10	-0.1234	61	-0.0034	115	-0.2184
11	-0.1234	62	-0.0614	116	-0.1694
12	-0.1364	63	-0.1594	117	-0.0934
13	-0.1674	64	-0.4824	118	-0.0534
14	-0.2884	65	-0.3864	119	-0.0814
15	-0.3104	66	0.2416	120	0.0176
16	-0.1444	67	0.1956	121	0.0176
17	-0.1404	68	0.1506	122	-0.0504
18	-0.1234	69	0.1066	123	-0.2374
19	-0.1184	70	0.0566	124	-0.1324
20	-0.1074	71	-0.0054	125	-0.0934
21	-0.1044	72	-0.0764	126	-0.0804
22	-0.0924	73	-0.2144	127	-0.0854
23	-0.0954	74	-0.4084	128	-0.2444
24	-0.1054	75	0.2516	129	-0.1964
25	-0.1154	76	0.1776	135	-0.0364
26	-0.1344	77	0.1086	136	-0.0664
27	-0.1744	78	0.0436	137	-0.0334
28	-0.2974	79	-0.0304	138	0.0696
29	-0.3324	80	-0.1364	139	0.0736
30	0.0006	81	-0.3384	140	0.0796
32	-0.0204	82	-0.4424	141	0.1316
33	-0.0304	83	0.1896	142	0.1076
34	-0.0324	84	0.1196	143	0.1236
35	-0.0404	85	0.0306	145	-0.0684
36	-0.0434	86	-0.0724	147	0.1036
37	-0.0574	87	-0.1844	151	-0.1594
38	-0.0784	88	-0.3504	152	-0.2474
39	-0.1024	89	-0.4884	153	-0.3064
40	-0.1504	90	0.1126	154	-0.3014
41	-0.2704	91	-0.0854	155	0.0346
42	-0.3314	92	-0.2044	156	-0.0594
43	0.1116	93	-0.2914	157	-0.1694
44	0.0886	94	-0.4084	158	0.3306
45	0.0716	95	-0.4924	159	0.1086
46	0.0496	96	-0.4944	160	0.0886
47	0.0376	97	-0.4904	161	-0.0024
48	0.0146	98	-0.5124	162	0.1676
49	-0.0034	99	-1.0164	163	0.0606
50	-0.0364	100	-0.7314	164	0.0756
51	-0.0814	101	-0.3764	165	-0.1244

ORF	CP	ORF	CP	ORF	CP
166	0.0776	217	-0.9054	268	-0.2414
167	-0.0364	218	-0.9564	269	0.0436
168	-0.0894	219	-0.3624	270	0.1466
169	-0.1764	220	-0.2234	271	-0.3834
170	-0.0264	221	-0.5384	272	-0.3244
171	-0.1184	222	-0.4914	273	0.0506
172	-0.2064	223	-0.0344	274	0.0866
173	-0.1014	224	-0.0334	275	0.0876
174	-0.1384	225	0.0836	276	0.1026
175	-0.2044	226	-0.0644	277	-0.0364
176	-0.2494	227	-1.4124	278	-0.8134
177	-0.3794	228	-1.3194	279	-0.7634
178	-0.4934	229	-1.2224	280	-0.6424
179	-0.3744	230	-1.0554	281	-0.4294
180	-0.2484	231	-0.9864	282	-0.2244
181	0.0086	232	-0.7954	283	-0.1844
182	0.2256	233	-0.3854	284	-0.1504
183	0.6716	234	-0.2254	285	-0.1684
184	0.8056	235	-0.4254	286	-0.4164
185	0.8386	236	-0.3694	287	-0.3844
186	0.9556	237	-0.1364	288	-0.0264
187	1.1476	238	-0.0804	289	-0.0094
188	1.2186	239	0.0066	290	0.0496
189	1.2196	240	-0.1014	291	-0.4724
190	-0.2194	241	-1.0444	292	-0.0814
191	-0.1864	242	-0.9334	325	0.0506
192	-0.2254	244	-0.6294	326	0.0516
193	-0.2334	245	-0.4724	327	0.0496
194	-0.2004	246	-0.4094	328	0.0496
195	-0.1934	247	-0.2864	329	0.0496
196	-0.2094	248	-0.1944	330	0.0496
197	-0.2164	249	-0.1784	331	0.0506
198	-0.2104	250	0.0306	332	0.0516
199	-0.2064	251	-0.2564	333	0.0506
200	-0.1854	252	-0.1714	334	0.0506
201	-0.1744	253	0.0836	335	0.0496
202	-0.2054	254	-0.0774	336	0.0496
203	-0.1884	255	-0.6734	337	0.0506
204	-0.1814	256	-0.6904	338	0.0506
205	0.0576	257	-0.6754	339	0.0486
206	0.0616	258	-0.5854	340	0.0496
207	0.0716	259	-0.3644	341	0.0496
208	0.0646	260	-0.2574	350	-0.0484
210	0.1616	261	-0.1954	351	0.0306
211	-0.2674	262	-0.1694	352	0.0306
212	-0.3034	263	-0.2934	353	0.0316
213	-1.3044	264	-0.1984	354	0.0326
214	-1.2514	265	0.0176	355	0.0316
215	-1.1364	266	0.0786		
216	-0.9664	267	-0.3334		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 582
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 24.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.899
TUNNEL DYNAMIC PRESSURE(PSF) = 650.
TUNNEL STAGNATION PRESSURE(PSF) = 1942.
TUNNEL STATIC PRESSURE(PSF) = 1149.
REYNOLDS NUMBER PER FOOT = 3.9860E 06
MODEL ANGLE OF ATTACK(DEG) = -8.07
FIN ANGLE(DEG) = -0.59
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 540.

SCANIVALUE	CP(REF)
147	0.6893
247	0.6893
347	0.6883
447	0.6883
547	0.6963
647	0.6953
747	0.6953

ORF	CP	ORF	CP	ORF	CP
1	-0.0377	52	-0.1557	102	-0.3127
2	-0.2567	53	-0.4217	103	-0.6397
3	-0.2237	54	-0.3527	104	-0.6317
4	-0.1607	55	0.2243	105	-0.4457
5	-0.1197	56	0.1623	110	-0.1237
6	-0.1057	57	0.1273	111	-0.1547
7	-0.0917	58	0.0843	112	-0.1047
8	-0.0847	59	0.0483	113	-0.1527
9	-0.0807	60	0.0073	114	-0.1507
10	-0.0837	61	-0.0367	115	-0.1637
11	-0.0897	62	-0.0937	116	-0.1057
12	-0.1117	63	-0.1877	117	-0.0327
13	-0.1417	64	-0.5927	118	0.0003
14	-0.2687	65	-0.4257	119	-0.0337
15	-0.2987	66	0.2223	120	0.0343
16	-0.0687	67	0.1543	121	0.0373
17	-0.0867	68	0.1013	122	-0.0087
18	-0.0777	69	0.0523	123	-0.1657
19	-0.0627	70	0.0083	124	-0.0897
20	-0.0547	71	-0.0427	125	-0.0567
21	-0.0537	72	-0.1187	126	-0.0317
22	-0.0557	73	-0.2427	127	-0.0527
23	-0.0617	74	-0.4927	128	-0.1767
24	-0.0677	75	0.2063	129	-0.1217
25	-0.0867	76	0.1193	135	0.0073
26	-0.1107	77	0.0533	136	-0.0137
27	-0.1567	78	-0.0117	137	0.0043
28	-0.2827	79	-0.0877	138	0.0963
29	-0.3197	80	-0.1837	139	0.0923
30	0.0373	81	-0.3687	140	0.0933
32	0.0163	82	-0.5937	141	0.1043
33	0.0053	83	0.1513	142	0.0923
34	-0.0027	84	0.0683	143	0.1053
35	-0.0117	85	-0.0267	145	-0.0197
36	-0.0207	86	-0.1307	147	0.0943
37	-0.0417	87	-0.2227	151	-0.0677
38	-0.0597	88	-0.3607	152	-0.2257
39	-0.0887	89	-0.6427	153	-0.2367
40	-0.1407	90	0.0543	154	-0.2747
41	-0.2647	91	-0.1417	155	0.0153
42	-0.3317	92	-0.2357	156	0.0213
43	0.1713	93	-0.3117	157	-0.1107
44	0.1323	94	-0.4017	158	0.2543
45	0.0963	95	-0.5867	159	0.1343
46	0.0733	96	-0.4467	160	0.1083
47	0.0483	97	-0.4527	161	0.0063
48	0.0233	98	-0.5267	162	0.1723
49	-0.0067	99	-0.7687	163	0.0923
50	-0.0377	100	-0.5937	164	0.0933
51	-0.0847	101	-0.3507	165	-0.1087

ORF	CP	ORF	CP	ORF	CP
166	0.0823	217	-0.5227	268	-0.1887
167	0.0153	218	-0.3847	269	0.0613
168	-0.0307	219	-0.2607	270	0.1303
169	-0.1317	220	-0.2437	271	-0.3217
170	0.0373	221	-0.5097	272	-0.2827
171	-0.0557	222	-0.4387	273	0.0723
172	-0.1647	223	-0.0637	274	0.0983
173	-0.0707	224	-0.0717	275	0.1373
174	-0.1297	225	0.0943	276	0.1453
175	-0.2047	226	-0.0677	277	0.0133
176	-0.2497	227	-1.2607	278	-0.6247
177	-0.2637	228	-1.1547	279	-0.5737
178	-0.3797	229	-1.0067	280	-0.4387
179	-0.3037	230	-0.7487	281	-0.2417
180	-0.2497	231	-0.4897	282	-0.1217
181	0.0823	232	-0.3627	283	-0.0927
182	0.2873	233	-0.2587	284	-0.0697
183	0.5653	234	-0.2347	285	-0.1087
184	0.7333	235	-0.3587	286	-0.3287
185	0.7773	236	-0.3317	287	-0.3387
186	0.8913	237	-0.1637	288	0.0103
187	1.0853	238	-0.1257	289	0.0353
188	1.1803	239	0.2353	290	0.0813
189	1.1883	240	0.0853	291	-0.4827
190	-0.2137	241	-0.8557	292	-0.0497
191	-0.1867	242	-0.8537	325	0.0383
192	-0.2277	244	-0.6777	326	0.0393
193	-0.2277	245	-0.4657	327	0.0393
194	-0.2107	246	-0.3107	328	0.0383
195	-0.1967	247	-0.1987	329	0.0373
196	-0.2197	248	-0.1777	330	0.0383
197	-0.2187	249	-0.1547	331	0.0413
198	-0.2147	250	0.0453	332	0.0423
199	-0.2087	251	-0.2097	333	0.0403
200	-0.1997	252	-0.1117	334	0.0393
201	-0.1907	253	0.1713	335	0.0403
202	-0.2137	254	0.0153	336	0.0373
203	-0.2047	255	-0.8107	337	0.0383
204	-0.1867	256	-0.7677	338	0.0383
205	0.0863	257	-0.6927	339	0.0393
206	0.0953	258	-0.5197	340	0.0373
207	0.0993	259	-0.2587	341	0.0363
208	0.0953	260	-0.1597	350	-0.0117
210	0.2403	261	-0.1087	351	0.0463
211	-0.0227	262	-0.1067	352	0.0463
212	-0.1547	263	-0.2607	353	0.0453
213	-1.2697	264	-0.1557	354	0.0473
214	-1.1887	265	0.0573	355	0.0463
215	-1.0417	266	0.0883		
216	-0.7887	267	-0.2817		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 583
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 24.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.901
TUNNEL DYNAMIC PRESSURE(PSF) = 652.
TUNNEL STAGNATION PRESSURE(PSF) = 1943.
TUNNEL STATIC PRESSURE(PSF) = 1148.
REYNOLDS NUMBER PER FOOT = 3.9900E 06
MODEL ANGLE OF ATTACK(DEG) = -6.04
FIN ANGLE(DEG) = -0.40
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.6903
247	0.6893
347	0.6893
447	0.6903
547	0.6983
647	0.6973
747	0.6973

ORF	CP	ORF	CP	ORF	CP
1	-0.0107	52	-0.1547	102	-0.2787
2	-0.2027	53	-0.3967	103	-0.5757
3	-0.1907	54	-0.3137	104	-0.5567
4	-0.1187	55	0.1983	105	-0.3717
5	-0.0877	56	0.1443	110	-0.0957
6	-0.0727	57	0.1103	111	-0.1267
7	-0.0657	58	0.0693	112	-0.0807
8	-0.0587	59	0.0353	113	-0.1327
9	-0.0547	60	-0.0027	114	-0.1447
10	-0.0647	61	-0.0457	115	-0.1397
11	-0.0717	62	-0.0987	116	-0.0777
12	-0.0897	63	-0.1887	117	-0.0117
13	-0.1197	64	-0.5387	118	0.0243
14	-0.2397	65	-0.4087	119	-0.0117
15	-0.2667	66	0.1983	120	0.0393
16	-0.0457	67	0.1313	121	0.0383
17	-0.0587	68	0.0833	122	-0.0087
18	-0.0457	69	0.0413	123	-0.1477
19	-0.0407	70	-0.0047	124	-0.0707
20	-0.0367	71	-0.0547	125	-0.0457
21	-0.0377	72	-0.1227	126	-0.0297
22	-0.0337	73	-0.2457	127	-0.0367
23	-0.0467	74	-0.4637	128	-0.1547
24	-0.0527	75	0.1833	129	-0.0897
25	-0.0707	76	0.1003	135	0.0153
26	-0.0947	77	0.0343	136	0.0033
27	-0.1417	78	-0.0227	137	0.0133
28	-0.2577	79	-0.0977	138	0.1023
29	-0.2807	80	-0.1917	139	0.1023
30	0.0603	81	-0.3667	140	0.1093
32	0.0273	82	-0.5607	141	0.1163
33	0.0153	83	0.1323	142	0.1063
34	0.0043	84	0.0533	143	0.1143
35	-0.0047	85	-0.0447	145	0.0003
36	-0.0147	86	-0.1407	147	0.1063
37	-0.0297	87	-0.2307	151	-0.0707
38	-0.0527	88	-0.3637	152	-0.1997
39	-0.0827	89	-0.6057	153	-0.2047
40	-0.1267	90	0.0303	154	-0.2487
41	-0.2487	91	-0.1467	155	0.0013
42	-0.2887	92	-0.2327	156	0.0043
43	0.1593	93	-0.3107	157	-0.1147
44	0.1203	94	-0.4087	158	0.2583
45	0.0853	95	-0.5187	159	0.1193
46	0.0653	96	-0.4127	160	0.0953
47	0.0423	97	-0.4357	161	-0.0027
48	0.0183	98	-0.3487	162	0.1753
49	-0.0117	99	-0.5667	163	0.1013
50	-0.0407	100	-0.5107	164	0.1013
51	-0.0847	101	-0.3057	165	-0.0967

ORF	CP	ORF	CP	ORF	CP
166	0.1123	217	-0.4017	268	-0.1767
167	0.0603	218	-0.2967	269	0.0673
168	0.0143	219	-0.2107	270	0.1473
169	-0.0907	220	-0.2017	271	-0.2817
170	0.0793	221	-0.4857	272	-0.2537
171	0.0103	222	-0.4037	273	0.0783
172	-0.1247	223	-0.0467	274	0.1203
173	-0.0227	224	-0.0467	275	0.1803
174	-0.0977	225	0.1713	276	0.1633
175	-0.1737	226	0.0083	277	0.0363
176	-0.2347	227	-1.2307	278	-0.5477
177	-0.2477	228	-1.1007	279	-0.5147
178	-0.3507	229	-0.9107	280	-0.4217
179	-0.2797	230	-0.6207	281	-0.1947
180	-0.2297	231	-0.3697	282	-0.0837
181	0.1103	232	-0.2667	283	-0.0717
182	0.3023	233	-0.1877	284	-0.0487
183	0.5193	234	-0.1657	285	-0.0957
184	0.6813	235	-0.3217	286	-0.2997
185	0.7413	236	-0.2997	287	-0.3067
186	0.8373	237	-0.1187	288	0.0363
187	0.9943	238	-0.0697	289	0.0643
188	1.1153	239	0.2873	290	0.0783
189	1.1613	240	0.1563	291	-0.4447
190	-0.2007	241	-0.8527	292	-0.0527
191	-0.1917	242	-0.8177	325	0.0413
192	-0.2097	244	-0.6117	326	0.0413
193	-0.2087	245	-0.3797	327	0.0403
194	-0.1987	246	-0.2327	328	0.0393
195	-0.1927	247	-0.1397	329	0.0383
196	-0.2127	248	-0.1147	330	0.0413
197	-0.2077	249	-0.1077	331	0.0423
198	-0.2037	250	0.0473	332	0.0413
199	-0.1997	251	-0.1987	333	0.0403
200	-0.1987	252	-0.1087	334	0.0393
201	-0.1897	253	0.1753	335	0.0413
202	-0.2027	254	0.0203	336	0.0413
203	-0.1877	255	-0.6687	337	0.0413
204	-0.1967	256	-0.6177	338	0.0413
205	0.1133	257	-0.5587	339	0.0413
206	0.1283	258	-0.3657	340	0.0403
207	0.1273	259	-0.1817	341	0.0393
208	0.1253	260	-0.1127	350	-0.0057
210	0.2483	261	-0.0827	351	0.0463
211	0.1533	262	-0.0847	352	0.0463
212	-0.0157	263	-0.2177	353	0.0463
213	-1.1807	264	-0.1347	354	0.0483
214	-1.0757	265	0.0603	355	0.0493
215	-0.9287	266	0.1023		
216	-0.6757	267	-0.2437		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 584
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 24.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.897
TUNNEL DYNAMIC PRESSURE(PSF) = 649.
TUNNEL STAGNATION PRESSURE(PSF) = 1943.
TUNNEL STATIC PRESSURE(PSF) = 1153.
REYNOLDS NUMBER PER FOOT = 3.9830E 06
MODEL ANGLE OF ATTACK(DEG) = -4.00
FIN ANGLE(DEG) = -0.19
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.6854
247	0.6844
347	0.6854
447	0.6864
547	0.6804
647	0.6804
747	0.6794

ORF	CP	ORF	CP	ORF	CP
1	-0.0246	52	-0.1636	102	-0.2506
2	-0.1986	53	-0.3836	103	-0.5476
3	-0.1706	54	-0.3026	104	-0.5306
4	-0.1036	55	0.1504	105	-0.3476
5	-0.0706	56	0.1044	110	-0.0966
6	-0.0546	57	0.0774	111	-0.1256
7	-0.0556	58	0.0394	112	-0.0826
8	-0.0486	59	0.0124	113	-0.1256
9	-0.0496	60	-0.0236	114	-0.1396
10	-0.0626	61	-0.0616	115	-0.1386
11	-0.0706	62	-0.1166	116	-0.0766
12	-0.0846	63	-0.2046	117	-0.0076
13	-0.1216	64	-0.5176	118	0.0174
14	-0.2306	65	-0.4176	119	-0.0196
15	-0.2416	66	0.1504	120	0.0294
16	-0.0296	67	0.0864	121	0.0264
17	-0.0436	68	0.0464	122	0.0014
18	-0.0406	69	0.0034	123	-0.1436
19	-0.0346	70	-0.0386	124	-0.0656
20	-0.0336	71	-0.0826	125	-0.0456
21	-0.0366	72	-0.1496	126	-0.0306
22	-0.0356	73	-0.2646	127	-0.0326
23	-0.0456	74	-0.4846	128	-0.1476
24	-0.0556	75	0.1364	129	-0.0796
25	-0.0726	76	0.0664	135	0.0104
26	-0.0936	77	0.0074	136	-0.0046
27	-0.1386	78	-0.0446	137	0.0064
28	-0.2416	79	-0.1106	138	0.0964
29	-0.2546	80	-0.1966	139	0.0964
30	0.0534	81	-0.3596	140	0.0974
32	0.0174	82	-0.5386	141	0.1044
33	0.0084	83	0.0954	142	0.0984
34	0.0044	84	0.0154	143	0.1034
35	-0.0116	85	-0.0716	145	-0.0016
36	-0.0236	86	-0.1606	147	0.1114
37	-0.0406	87	-0.2366	151	-0.0916
38	-0.0626	88	-0.3626	152	-0.1936
39	-0.0886	89	-0.5976	153	-0.2266
40	-0.1366	90	-0.0156	154	-0.2536
41	-0.2416	91	-0.1526	155	0.0434
42	-0.2676	92	-0.2196	156	-0.0006
43	0.1294	93	-0.2796	157	-0.1166
44	0.0844	94	-0.3736	158	0.2514
45	0.0624	95	-0.5056	159	0.1084
46	0.0384	96	-0.3876	160	0.0824
47	0.0174	97	-0.4186	161	-0.0076
48	-0.0026	98	-0.1716	162	0.1734
49	-0.0326	99	-0.2446	163	0.1044
50	-0.0576	100	-0.3926	164	0.0954
51	-0.0986	101	-0.2866	165	-0.0876

ORF	CP	ORF	CP	ORF	CP
166	0.1354	217	-0.2806	268	-0.1716
167	0.0944	218	-0.2116	269	0.0634
168	0.0444	219	-0.1586	270	0.1394
169	-0.0676	220	-0.1696	271	-0.2616
170	0.0634	221	-0.4936	272	-0.2496
171	0.0634	222	-0.4316	273	0.0664
172	-0.1026	223	-0.0346	274	0.1054
173	0.0074	224	-0.0396	275	0.2054
174	-0.0876	225	0.1634	276	0.1494
175	-0.1656	226	0.0044	277	0.0194
176	-0.2376	227	-0.8086	278	-0.5226
177	-0.2566	228	-0.7636	279	-0.4756
178	-0.3826	229	-0.6786	280	-0.3826
179	-0.2896	230	-0.5016	281	-0.1936
180	-0.2236	231	-0.2736	282	-0.0716
181	0.2034	232	-0.1866	283	-0.0596
182	0.3534	233	-0.1406	284	-0.0546
183	0.4114	234	-0.1416	285	-0.1036
184	0.5424	235	-0.3006	286	-0.2736
185	0.5924	236	-0.2946	287	-0.2916
186	0.6254	237	-0.1126	288	0.0404
187	0.7014	238	-0.0626	289	0.0794
188	0.8564	239	0.2214	290	0.0594
189	0.9264	240	0.1034	291	-0.4396
190	-0.2056	241	-0.6566	292	-0.0536
191	-0.1926	242	-0.6506	325	0.0334
192	-0.2116	244	-0.4756	326	0.0354
193	-0.2156	245	-0.2396	327	0.0354
194	-0.1916	246	-0.1486	328	0.0364
195	-0.1886	247	-0.1096	329	0.0334
196	-0.2206	248	-0.0976	330	0.0344
197	-0.2016	249	-0.1006	331	0.0364
198	-0.2026	250	0.0334	332	0.0364
199	-0.1976	251	-0.1956	333	0.0374
200	-0.1806	252	-0.1136	334	0.0334
201	-0.1826	253	0.1344	335	0.0354
202	-0.1996	254	-0.0076	336	0.0344
203	-0.1946	255	-0.5336	337	0.0334
204	-0.1916	256	-0.5146	338	0.0364
205	0.1294	257	-0.4586	339	0.0374
206	0.1484	258	-0.2926	340	0.0364
207	0.1494	259	-0.1396	341	0.0324
208	0.1484	260	-0.1016	350	-0.0176
210	0.2234	261	-0.0836	351	0.0354
211	0.1544	262	-0.0886	352	0.0364
212	-0.0056	263	-0.2066	353	0.0354
213	-0.9376	264	-0.1366	354	0.0344
214	-0.7836	265	0.0594	355	0.0344
215	-0.6856	266	0.0904		
216	-0.4776	267	-0.2206		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 585
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 24.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.898
TUNNEL DYNAMIC PRESSURE(PSF) = 650.
TUNNEL STAGNATION PRESSURE(PSF) = 1943.
TUNNEL STATIC PRESSURE(PSF) = 1151.
REYNOLDS NUMBER PER FOOT = 3.9870E 06
MODEL ANGLE OF ATTACK(DEG) = -1.95
FIN ANGLE(DEG) = -0.29
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.6862
247	0.6852
347	0.6862
447	0.6872
547	0.6862
647	0.6862
747	0.6852

ORF	CP	ORF	CP	ORF	CP
1	-0.0118	52	-0.1608	102	-0.2288
2	-0.2578	53	-0.3918	103	-0.5168
3	-0.2518	54	-0.2958	104	-0.5078
4	-0.1518	55	0.1132	105	-0.3288
5	-0.0818	56	0.0692	110	-0.0828
6	-0.0528	57	0.0512	111	-0.1088
7	-0.0388	58	0.0272	112	-0.0658
8	-0.0398	59	-0.0018	113	-0.1078
9	-0.0408	60	-0.0288	114	-0.1258
10	-0.0508	61	-0.0648	115	-0.1268
11	-0.0598	62	-0.1168	116	-0.0748
12	-0.0768	63	-0.1998	117	0.0012
13	-0.1048	64	-0.5668	118	0.0302
14	-0.2218	65	-0.4038	119	-0.0128
15	-0.2328	66	0.1072	120	0.0312
16	-0.0808	67	0.0632	121	0.0352
17	-0.0828	68	0.0242	122	0.0092
18	-0.0618	69	-0.0098	123	-0.1268
19	-0.0428	70	-0.0418	124	-0.0518
20	-0.0288	71	-0.0848	125	-0.0328
21	-0.0238	72	-0.1438	126	-0.0138
22	-0.0288	73	-0.2528	127	-0.0238
23	-0.0378	74	-0.4768	128	-0.1298
24	-0.0438	75	0.0922	129	-0.0608
25	-0.0558	76	0.0442	135	0.0202
26	-0.0818	77	-0.0088	136	0.0112
27	-0.1208	78	-0.0538	137	0.0242
28	-0.2358	79	-0.1148	138	0.1022
29	-0.2418	80	-0.1898	139	0.1032
30	0.0112	81	-0.3448	140	0.1062
32	0.0002	82	-0.5088	141	0.1132
33	0.0022	83	0.0602	142	0.1152
34	-0.0058	84	-0.0138	143	0.1192
35	-0.0138	85	-0.0888	145	0.0092
36	-0.0218	86	-0.1518	147	0.1122
37	-0.0358	87	-0.2148	151	-0.0768
38	-0.0598	88	-0.3338	152	-0.1908
39	-0.0828	89	-0.5348	153	-0.2208
40	-0.1278	90	-0.0498	154	-0.2458
41	-0.2308	91	-0.1408	155	0.0502
42	-0.2508	92	-0.1848	156	0.0272
43	0.0842	93	-0.2378	157	-0.0998
44	0.0542	94	-0.3288	158	0.3112
45	0.0362	95	-0.4598	159	0.1412
46	0.0252	96	-0.3798	160	0.1122
47	0.0102	97	-0.4608	161	0.0132
48	-0.0118	98	-0.0848	162	0.2412
49	-0.0298	99	-0.1338	163	0.1722
50	-0.0598	100	-0.3538	164	0.1042
51	-0.0978	101	-0.2538	165	-0.0478

ORF	CP	ORF	CP	ORF	CP
166	0.2492	217	-0.1878	268	-0.1628
167	0.1872	218	-0.1258	269	0.1002
168	0.1332	219	-0.0928	270	0.1762
169	0.0052	220	-0.1188	271	-0.2408
170	0.1322	221	-0.4758	272	-0.2508
171	0.1482	222	-0.4218	273	0.0792
172	-0.0568	223	-0.0208	274	0.1392
173	0.0192	224	-0.0208	275	0.2632
174	-0.0678	225	0.2192	276	0.2042
175	-0.1788	226	0.0562	277	0.0572
176	-0.2518	227	-0.7338	278	-0.5928
177	-0.2548	228	-0.6928	279	-0.5838
178	-0.3968	229	-0.6258	280	-0.5038
179	-0.3258	230	-0.4348	281	-0.2938
180	-0.2108	231	-0.1978	282	-0.0848
181	0.2172	232	-0.1168	283	-0.0498
182	0.3602	233	-0.0838	284	-0.0438
183	0.4192	234	-0.0928	285	-0.0858
184	0.5742	235	-0.2728	286	-0.2498
185	0.6062	236	-0.2538	287	-0.2888
186	0.6262	237	-0.0638	288	0.0422
187	0.6772	238	-0.0068	289	0.1482
188	0.7392	239	0.2332	290	0.0952
189	0.8152	240	0.1082	291	-0.4268
190	-0.1858	241	-0.5858	292	-0.0388
191	-0.1878	242	-0.5868	325	0.0392
192	-0.1998	244	-0.3998	326	0.0392
193	-0.2048	245	-0.1688	327	0.0372
194	-0.1858	246	-0.0998	328	0.0382
195	-0.1898	247	-0.0748	329	0.0382
196	-0.2138	248	-0.0698	330	0.0382
197	-0.1908	249	-0.0768	331	0.0412
198	-0.1928	250	0.0392	332	0.0382
199	-0.1908	251	-0.1888	333	0.0382
200	-0.1888	252	-0.1008	334	0.0392
201	-0.1758	253	0.1572	335	0.0392
202	-0.1868	254	0.0222	336	0.0372
203	-0.1808	255	-0.5208	337	0.0392
204	-0.1848	256	-0.5148	338	0.0392
205	0.1732	257	-0.4768	339	0.0372
206	0.1982	258	-0.3408	340	0.0382
207	0.1952	259	-0.1278	341	0.0382
208	0.1952	260	-0.0758	350	-0.0108
210	0.2762	261	-0.0638	351	0.0382
211	0.2512	262	-0.0658	352	0.0382
212	0.0772	263	-0.1908	353	0.0412
213	-0.8118	264	-0.1198	354	0.0412
214	-0.6958	265	0.0902	355	0.0372
215	-0.6158	266	0.1342		
216	-0.4138	267	-0.2108		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 586
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 24.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.900
TUNNEL DYNAMIC PRESSURE(PSF) = 651.
TUNNEL STAGNATION PRESSURE(PSF) = 1944.
TUNNEL STATIC PRESSURE(PSF) = 1149.
REYNOLDS NUMBER PER FOOT = 3.9910E 06
MODEL ANGLE OF ATTACK(DEG) = 0.10
FIN ANGLE(DEG) = -0.45
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.6880
247	0.6860
347	0.6870
447	0.6870
547	0.6950
647	0.6960
747	0.6960

ORF	CP	ORF	CP	ORF	CP
1	0.0400	52	-0.1690	102	-0.2120
2	-0.3520	53	-0.4350	103	-0.4980
3	-0.3740	54	-0.2940	104	-0.4970
4	-0.2660	55	0.0650	105	-0.2990
5	-0.1510	56	0.0380	110	-0.0740
6	-0.0880	57	0.0240	111	-0.1020
7	-0.0600	58	0.0010	112	-0.0630
8	-0.0430	59	-0.0200	113	-0.1000
9	-0.0370	60	-0.0450	114	-0.1130
10	-0.0400	61	-0.0800	115	-0.1130
11	-0.0430	62	-0.1280	116	-0.0640
12	-0.0610	63	-0.2110	117	0.0110
13	-0.0920	64	-0.6220	118	0.0340
14	-0.2210	65	-0.4200	119	-0.0030
15	-0.2310	66	0.0570	120	-0.0060
16	-0.1690	67	0.0300	121	0.0330
17	-0.1700	68	0.0040	122	0.0140
18	-0.1150	69	-0.0250	123	-0.1090
19	-0.0760	70	-0.0610	124	-0.0410
20	-0.0500	71	-0.1010	125	-0.0240
21	-0.0330	72	-0.1610	126	-0.0020
22	-0.0280	73	-0.2680	127	-0.0100
23	-0.0290	74	-0.5570	128	-0.1190
24	-0.0340	75	0.0420	129	-0.0400
25	-0.0440	76	-0.0020	135	0.0230
26	-0.0660	77	-0.0450	136	0.0140
27	-0.1130	78	-0.0860	137	0.0240
28	-0.2490	79	-0.1350	138	0.1110
29	-0.2500	80	-0.2040	139	0.1110
30	-0.0490	81	-0.3570	140	0.1140
32	-0.0280	82	-0.6360	141	0.1220
33	-0.0170	83	0.0140	142	0.1230
34	-0.0160	84	-0.0440	143	0.1170
35	-0.0170	85	-0.0960	145	0.0170
36	-0.0170	86	-0.1500	147	0.1210
37	-0.0290	87	-0.2050	151	-0.0310
38	-0.0470	88	-0.3200	152	-0.2180
39	-0.0740	89	-0.6580	153	-0.2060
40	-0.1250	90	-0.0820	154	-0.2710
41	-0.2540	91	-0.1190	155	0.0130
42	-0.2660	92	-0.1600	156	0.1100
43	0.0400	93	-0.2110	157	-0.0630
44	0.0260	94	-0.3050	158	0.3290
45	0.0160	95	-0.6180	159	0.2530
46	0.0060	96	-0.3770	160	0.1970
47	-0.0040	97	-0.5520	161	0.0650
48	-0.0190	98	0.0050	162	0.3200
49	-0.0400	99	-0.0500	163	0.2910
50	-0.0620	100	-0.3350	164	0.1080
51	-0.1030	101	-0.2320	165	0.0080

ORF	CP	ORF	CP	ORF	CP
166	0.3740	217	-0.1010	268	-0.1590
167	0.2820	218	-0.0590	269	0.1240
168	0.2250	219	-0.0500	270	0.1950
169	0.0760	220	-0.0850	271	-0.2070
170	0.1530	221	-0.4700	272	-0.2390
171	0.1690	222	-0.4530	273	0.0550
172	-0.0510	223	0.0000	274	0.1410
173	0.0030	224	0.0020	275	0.3270
174	-0.0910	225	0.2130	276	0.3080
175	-0.2420	226	0.0600	277	0.1350
176	-0.2600	227	-0.5830	278	-0.7280
177	-0.2150	228	-0.5540	279	-0.6970
178	-0.3880	229	-0.5100	280	-0.6270
179	-0.4130	230	-0.3200	281	-0.4550
180	-0.2180	231	-0.1280	282	-0.1880
181	0.3030	232	-0.0690	283	-0.0710
182	0.4190	233	-0.0530	284	-0.0230
183	0.4090	234	-0.0670	285	-0.0590
184	0.5980	235	-0.2470	286	-0.2070
185	0.6410	236	-0.2610	287	-0.2630
186	0.7070	237	-0.0710	288	0.0120
187	0.7760	238	-0.0200	289	0.1700
188	0.8020	239	0.2260	290	0.1570
189	0.8550	240	0.0980	291	-0.5040
190	-0.1990	241	-0.5620	292	-0.0420
191	-0.1930	242	-0.5480	325	0.0270
192	-0.2080	244	-0.3090	326	0.0250
193	-0.2100	245	-0.1230	327	0.0240
194	-0.1970	246	-0.0780	328	0.0250
195	-0.1960	247	-0.0540	329	0.0260
196	-0.2300	248	-0.0510	330	0.0270
197	-0.2050	249	-0.0700	331	0.0250
198	-0.2030	250	0.0330	332	0.0240
199	-0.2000	251	-0.1850	333	0.0260
200	-0.1990	252	-0.0670	334	0.0260
201	-0.1930	253	0.2400	335	0.0280
202	-0.1910	254	0.0860	336	0.0250
203	-0.1910	255	-0.6280	337	0.0260
204	-0.1900	256	-0.6210	338	0.0240
205	0.2230	257	-0.5830	339	0.0240
206	0.2430	258	-0.4630	340	0.0250
207	0.2490	259	-0.1890	341	0.0250
208	0.2520	260	-0.0680	350	0.0010
210	0.2870	261	-0.0330	351	0.0340
211	0.2640	262	-0.0360	352	0.0340
212	0.1060	263	-0.1860	353	0.0330
213	-0.7080	264	-0.1000	354	0.0320
214	-0.5920	265	0.1460	355	0.0340
215	-0.5200	266	0.1730		
216	-0.2950	267	-0.1930		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 587
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 24.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.899
TUNNEL DYNAMIC PRESSURE(PSF) = 650.
TUNNEL STAGNATION PRESSURE(PSF) = 1942.
TUNNEL STATIC PRESSURE(PSF) = 1150.
REYNOLDS NUMBER PER FOOT = 3.9840E 06
MODEL ANGLE OF ATTACK(DEG) = 2.06
FIN ANGLE(DEG) = -0.56
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.6888
247	0.6878
347	0.6878
447	0.6888
547	0.6878
647	0.6878
747	0.6878

ORF	CP	ORF	CP	ORF	CP
1	0.0268	52	-0.1712	102	-0.1972
2	-0.3732	53	-0.4412	103	-0.5322
3	-0.4182	54	-0.2942	104	-0.5172
4	-0.2972	55	-0.0112	105	-0.3262
5	-0.1892	56	-0.0132	110	-0.0812
6	-0.1182	57	-0.0172	111	-0.1082
7	-0.0812	58	-0.0302	112	-0.0632
8	-0.0592	59	-0.0482	113	-0.1032
9	-0.0462	60	-0.0632	114	-0.1032
10	-0.0482	61	-0.0932	115	-0.1132
11	-0.0522	62	-0.1382	116	-0.0712
12	-0.0602	63	-0.2202	117	0.0048
13	-0.0902	64	-0.6202	118	0.0338
14	-0.2102	65	-0.4302	119	-0.0102
15	-0.2212	66	-0.0272	120	0.0278
16	-0.2182	67	-0.0252	121	0.0258
17	-0.2252	68	-0.0392	122	0.0048
18	-0.1702	69	-0.0592	123	-0.1202
19	-0.1162	70	-0.0882	124	-0.0442
20	-0.0862	71	-0.1212	125	-0.0232
21	-0.0582	72	-0.1722	126	-0.0122
22	-0.0422	73	-0.2802	127	-0.0192
23	-0.0432	74	-0.5822	128	-0.1182
24	-0.0432	75	-0.0412	129	-0.0382
25	-0.0532	76	-0.0512	135	0.0248
26	-0.0732	77	-0.0842	136	0.0168
27	-0.1182	78	-0.1102	137	0.0248
28	-0.2362	79	-0.1472	138	0.1068
29	-0.2332	80	-0.2072	139	0.1058
30	-0.1222	81	-0.3592	140	0.1058
32	-0.0752	82	-0.6402	141	0.1118
33	-0.0532	83	-0.0572	142	0.1138
34	-0.0432	84	-0.0962	143	0.1168
35	-0.0382	85	-0.1172	145	0.0138
36	-0.0312	86	-0.1502	147	0.1158
37	-0.0392	87	-0.2042	151	0.0368
38	-0.0582	88	-0.3152	152	-0.1732
39	-0.0812	89	-0.6432	153	-0.1822
40	-0.1292	90	-0.1102	154	-0.2192
41	-0.2492	91	-0.1212	155	0.0608
42	-0.2542	92	-0.1592	156	0.1208
43	-0.0372	93	-0.2072	157	-0.0572
44	-0.0302	94	-0.2912	158	0.2848
45	-0.0232	95	-0.6112	159	0.2348
46	-0.0202	96	-0.2242	160	0.1708
47	-0.0282	97	-0.4822	161	0.0438
48	-0.0362	98	0.0698	162	0.2958
49	-0.0512	99	0.0048	163	0.2458
50	-0.0702	100	-0.3502	164	0.1078
51	-0.1082	101	-0.2252	165	-0.0062

ORF	CP	ORF	CP	ORF	CP
166	0.4238	217	-0.0252	268	-0.1382
167	0.2438	218	-0.0152	269	0.1258
168	0.2068	219	-0.0182	270	0.1868
169	0.0678	220	-0.0672	271	-0.2002
170	0.2858	221	-0.4662	272	-0.2212
171	0.1398	222	-0.3922	273	0.1458
172	-0.0622	223	-0.0502	274	0.2068
173	0.0068	224	-0.0372	275	0.3468
174	-0.0602	225	0.2398	276	0.3008
175	-0.2412	226	0.0948	277	0.1178
176	-0.2442	227	-0.5042	278	-0.7722
177	-0.1572	228	-0.4832	279	-0.7352
178	-0.3072	229	-0.4422	280	-0.6712
179	-0.2692	230	-0.2822	281	-0.4892
180	-0.2052	231	-0.0752	282	-0.2182
181	0.2128	232	-0.0322	283	-0.0982
182	0.3248	233	-0.0252	284	-0.0382
183	0.3278	234	-0.0512	285	-0.0672
184	0.4868	235	-0.2302	286	-0.2242
185	0.5568	236	-0.2382	287	-0.2602
186	0.6448	237	-0.0672	288	0.1158
187	0.7118	238	-0.0172	289	0.1948
188	0.7838	239	0.2608	290	0.1638
189	0.8238	240	0.1328	291	-0.6352
190	-0.1962	241	-0.6772	292	-0.0682
191	-0.1932	242	-0.6312	325	0.0278
192	-0.2072	244	-0.3512	326	0.0298
193	-0.2122	245	-0.1522	327	0.0308
194	-0.1952	246	-0.0792	328	0.0298
195	-0.1962	247	-0.0392	329	0.0318
196	-0.2162	248	-0.0342	330	0.0298
197	-0.1922	249	-0.0412	331	0.0308
198	-0.1992	250	0.0318	332	0.0308
199	-0.1992	251	-0.1802	333	0.0318
200	-0.1982	252	-0.0542	334	0.0328
201	-0.1892	253	0.2868	335	0.0308
202	-0.1852	254	0.1338	336	0.0278
203	-0.1882	255	-0.7142	337	0.0278
204	-0.1892	256	-0.6972	338	0.0298
205	0.2508	257	-0.6502	339	0.0308
206	0.2758	258	-0.5382	340	0.0298
207	0.2788	259	-0.2482	341	0.0318
208	0.2878	260	-0.0902	350	-0.0082
210	0.2408	261	-0.0332	351	0.0328
211	0.2288	262	-0.0282	352	0.0328
212	0.0998	263	-0.1762	353	0.0328
213	-0.5182	264	-0.0782	354	0.0308
214	-0.3402	265	0.1458	355	0.0318
215	-0.2492	266	0.1698		
216	-0.0942	267	-0.1922		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 588
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 24.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.899
TUNNEL DYNAMIC PRESSURE(PSF) = 651.
TUNNEL STAGNATION PRESSURE(PSF) = 1943.
TUNNEL STATIC PRESSURE(PSF) = 1150.
REYNOLDS NUMBER PER FOOT = 3.9850E 06
MODEL ANGLE OF ATTACK(DEG) = 4.01
FIN ANGLE(DEG) = -0.58
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.6885
247	0.6875
347	0.6885
447	0.6895
547	0.7005
647	0.7005
747	0.6995

ORF	CP	ORF	CP	ORF	CP
1	-0.0135	52	-0.1725	102	-0.1905
2	-0.3875	53	-0.4385	103	-0.5145
3	-0.4505	54	-0.2815	104	-0.4935
4	-0.3295	55	-0.3845	105	-0.3165
5	-0.2205	56	-0.2115	110	-0.0815
6	-0.1575	57	-0.0735	111	-0.1105
7	-0.1095	58	-0.0435	112	-0.0615
8	-0.0835	59	-0.0525	113	-0.1055
9	-0.0695	60	-0.0705	114	-0.0895
10	-0.0645	61	-0.0985	115	-0.1175
11	-0.0625	62	-0.1435	116	-0.0845
12	-0.0715	63	-0.2225	117	-0.0015
13	-0.1015	64	-0.6325	118	0.0335
14	-0.2035	65	-0.4445	119	-0.0075
15	-0.2155	66	-0.3905	120	0.0275
16	-0.2805	67	-0.2275	121	0.0285
17	-0.2865	68	-0.1075	122	0.0035
18	-0.2145	69	-0.0755	123	-0.1205
19	-0.1585	70	-0.0945	124	-0.0445
20	-0.1155	71	-0.1235	125	-0.0235
21	-0.0835	72	-0.1795	126	-0.0065
22	-0.0715	73	-0.2915	127	-0.0145
23	-0.0595	74	-0.5295	128	-0.1185
24	-0.0555	75	-0.4105	129	-0.0345
25	-0.0625	76	-0.2665	135	0.0295
26	-0.0825	77	-0.1345	136	0.0165
27	-0.1205	78	-0.1225	137	0.0265
28	-0.2275	79	-0.1505	138	0.1145
29	-0.2315	80	-0.2045	139	0.1125
30	-0.2615	81	-0.3815	140	0.1135
32	-0.1045	82	-0.5255	141	0.1285
33	-0.0865	83	-0.3785	142	0.1305
34	-0.0625	84	-0.2955	143	0.1305
35	-0.0505	85	-0.1795	145	0.0125
36	-0.0505	86	-0.1495	147	0.1275
37	-0.0495	87	-0.1985	151	0.0475
38	-0.0645	88	-0.3255	152	-0.1565
39	-0.0855	89	-0.5395	153	-0.1805
40	-0.1315	90	-0.4485	154	-0.2175
41	-0.2475	91	-0.2685	155	0.1365
42	-0.2535	92	-0.1855	156	0.0795
43	-0.4065	93	-0.2005	157	-0.0705
44	-0.1325	94	-0.3005	158	0.2305
45	-0.0395	95	-0.4305	159	0.1955
46	-0.0355	96	-0.0755	160	0.1595
47	-0.0395	97	-0.4665	161	0.0295
48	-0.0495	98	0.1385	162	0.2825
49	-0.0615	99	0.0695	163	0.2345
50	-0.0765	100	-0.3485	164	0.1105
51	-0.1105	101	-0.2385	165	0.0005

ORF	CP	ORF	CP	ORF	CP
166	0.4175	217	0.0375	268	-0.1055
167	0.2635	218	0.0545	269	0.1375
168	0.2235	219	0.0545	270	0.1725
169	0.0885	220	0.0135	271	-0.2015
170	0.2865	221	-0.4755	272	-0.1925
171	0.1665	222	-0.4545	273	0.1615
172	-0.0425	223	0.0075	274	0.2005
173	0.0455	224	0.0275	275	0.3515
174	-0.0405	225	0.3555	276	0.2625
175	-0.2015	226	0.1805	277	0.0835
176	-0.2435	227	-0.4995	278	-0.7765
177	-0.1675	228	-0.4945	279	-0.7395
178	-0.2625	229	-0.4545	280	-0.6695
179	-0.1655	230	-0.2945	281	-0.5045
180	-0.2045	231	-0.0515	282	-0.2255
181	0.1475	232	0.0135	283	-0.1175
182	0.2545	233	0.0305	284	-0.0495
183	0.2395	234	0.0055	285	-0.0665
184	0.4315	235	-0.2075	286	-0.2165
185	0.4585	236	-0.2585	287	-0.2525
186	0.5295	237	-0.0435	288	0.1555
187	0.5895	238	0.0245	289	0.2335
188	0.6475	239	0.2675	290	0.1795
189	0.6695	240	0.1545	291	-0.7185
190	-0.1865	241	-0.6965	292	-0.0835
191	-0.1955	242	-0.6225	325	0.0265
192	-0.2085	244	-0.3185	326	0.0265
193	-0.2105	245	-0.1325	327	0.0275
194	-0.2005	246	-0.0645	328	0.0295
195	-0.1915	247	-0.0165	329	0.0275
196	-0.2265	248	-0.0085	330	0.0295
197	-0.2045	249	-0.0295	331	0.0275
198	-0.1995	250	0.0245	332	0.0285
199	-0.2035	251	-0.1855	333	0.0305
200	-0.2005	252	-0.0535	334	0.0285
201	-0.1865	253	0.2815	335	0.0305
202	-0.1925	254	0.1285	336	0.0275
203	-0.1875	255	-0.6935	337	0.0265
204	-0.1895	256	-0.6795	338	0.0275
205	0.2895	257	-0.6405	339	0.0285
206	0.3275	258	-0.5145	340	0.0295
207	0.3285	259	-0.2475	341	0.0275
208	0.3465	260	-0.0995	350	-0.0115
210	0.2065	261	-0.0335	351	0.0275
211	0.3925	262	-0.0245	352	0.0265
212	0.2555	263	-0.1525	353	0.0265
213	-0.5985	264	-0.0475	354	0.0255
214	-0.3545	265	0.1535	355	0.0245
215	-0.2155	266	0.1755		
216	-0.0365	267	-0.1805		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 589
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 24.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.900
TUNNEL DYNAMIC PRESSURE(PSF) = 651.
TUNNEL STAGNATION PRESSURE(PSF) = 1942.
TUNNEL STATIC PRESSURE(PSF) = 1149.
REYNOLDS NUMBER PER FOOT = 3.9860E 06
MODEL ANGLE OF ATTACK(DEG) = 5.97
FIN ANGLE(DEG) = -0.62
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.6900
247	0.6890
347	0.6890
447	0.6890
547	0.7050
647	0.7050
747	0.7050

ORF	CP	ORF	CP	ORF	CP
1	-0.1670	52	-0.1820	102	-0.1710
2	-0.5430	53	-0.4320	103	-0.4830
3	-0.5900	54	-0.2710	104	-0.4690
4	-0.4210	55	-0.5480	105	-0.2950
5	-0.2780	56	-0.5460	110	-0.0930
6	-0.1960	57	-0.4560	111	-0.1200
7	-0.1400	58	-0.2570	112	-0.0700
8	-0.1060	59	-0.0700	113	-0.1190
9	-0.0840	60	-0.0200	114	-0.0840
10	-0.0780	61	-0.0610	115	-0.1240
11	-0.0710	62	-0.1100	116	-0.0890
12	-0.0710	63	-0.1830	117	0.0030
13	-0.0930	64	-0.6290	118	0.0480
14	-0.1940	65	-0.4050	119	0.0030
15	-0.2070	66	-0.4980	120	0.0280
16	-0.4900	67	-0.5000	121	0.0300
17	-0.4790	68	-0.4570	122	0.0020
18	-0.3600	69	-0.3640	123	-0.1310
19	-0.2450	70	-0.2660	124	-0.0290
20	-0.1900	71	-0.1850	125	-0.0140
21	-0.1430	72	-0.1920	126	0.0030
22	-0.1070	73	-0.2820	127	-0.0060
23	-0.0910	74	-0.4380	128	-0.1250
24	-0.0730	75	-0.5060	129	-0.0330
25	-0.0730	76	-0.5090	135	0.0190
26	-0.0840	77	-0.4690	136	0.0170
27	-0.1230	78	-0.4040	137	0.0160
28	-0.2400	79	-0.3230	138	0.1060
29	-0.2300	80	-0.2960	139	0.1090
30	-0.6610	81	-0.3850	140	0.1060
32	-0.1610	82	-0.3440	141	0.1250
33	-0.1300	83	-0.4600	142	0.1170
34	-0.1080	84	-0.5390	143	0.1290
35	-0.0920	85	-0.4900	145	0.0090
36	-0.0780	86	-0.4030	147	0.1140
37	-0.0760	87	-0.3610	151	0.0610
38	-0.0810	88	-0.3720	152	-0.1420
39	-0.1020	89	-0.3260	153	-0.2010
40	-0.1450	90	-0.5060	154	-0.2610
41	-0.2590	91	-0.4990	155	0.2080
42	-0.2350	92	-0.4910	156	0.1000
43	-0.7570	93	-0.4500	157	-0.0760
44	-0.6230	94	-0.4020	158	0.2620
45	-0.0570	95	-0.2970	159	0.2390
46	0.0050	96	-0.0310	160	0.1960
47	-0.0290	97	-0.5030	161	0.0590
48	-0.0480	98	0.2170	162	0.3410
49	-0.0620	99	0.1300	163	0.2880
50	-0.0830	100	-0.3370	164	0.1070
51	-0.1190	101	-0.2140	165	0.0300

ORF	CP	ORF	CP	ORF	CP
166	0.5060	217	0.0710	268	-0.0750
167	0.3380	218	0.0840	269	0.1560
168	0.2920	219	0.0880	270	0.1800
169	0.1360	220	0.0290	271	-0.1860
170	0.2700	221	-0.4880	272	-0.1820
171	0.2440	222	-0.4560	273	0.1570
172	-0.0040	223	-0.0150	274	0.2010
173	0.0960	224	0.0060	275	0.4120
174	0.0030	225	0.3760	276	0.2540
175	-0.1570	226	0.2030	277	0.0910
176	-0.2580	227	-0.5250	278	-0.9910
177	-0.1790	228	-0.5150	279	-0.8800
178	-0.2290	229	-0.4830	280	-0.7860
179	-0.0900	230	-0.3560	281	-0.6040
180	-0.2230	231	-0.0790	282	-0.3470
181	0.1630	232	0.0180	283	-0.1960
182	0.2790	233	0.0510	284	-0.0690
183	0.1590	234	0.0310	285	-0.0650
184	0.3170	235	-0.1920	286	-0.1980
185	0.3960	236	-0.2670	287	-0.2330
186	0.4540	237	-0.0340	288	0.1680
187	0.5200	238	0.0490	289	0.2800
188	0.5670	239	0.2930	290	0.1890
189	0.6110	240	0.1770	291	-0.8720
190	-0.2060	241	-0.7640	292	-0.0780
191	-0.2040	242	-0.6980	325	0.0240
192	-0.2070	244	-0.4160	326	0.0230
193	-0.2160	245	-0.1870	327	0.0260
194	-0.2010	246	-0.0910	328	0.0240
195	-0.2040	247	-0.0150	329	0.0220
196	-0.2250	248	0.0030	330	0.0250
197	-0.2000	249	-0.0090	331	0.0240
198	-0.2040	250	0.0250	332	0.0280
199	-0.2010	251	-0.1960	333	0.0260
200	-0.2060	252	-0.0400	334	0.0230
201	-0.1970	253	0.2730	335	0.0260
202	-0.1980	254	0.1200	336	0.0240
203	-0.2000	255	-0.7570	337	0.0250
204	-0.1940	256	-0.7470	338	0.0230
205	0.3340	257	-0.7230	339	0.0270
206	0.4070	258	-0.6080	340	0.0240
207	0.3910	259	-0.3600	341	0.0220
208	0.4060	260	-0.1730	350	0.0020
210	0.2430	261	-0.0540	351	0.0290
211	0.3750	262	-0.0260	352	0.0290
212	0.2280	263	-0.1420	353	0.0280
213	-0.5450	264	-0.0220	354	0.0280
214	-0.3120	265	0.1620	355	0.0250
215	-0.1710	266	0.1900		
216	0.0000	267	-0.1670		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 590
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 24.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.905
TUNNEL DYNAMIC PRESSURE(PSF) = 655.
TUNNEL STAGNATION PRESSURE(PSF) = 1943.
TUNNEL STATIC PRESSURE(PSF) = 1142.
REYNOLDS NUMBER PER FOOT = 3.9930E 06
MODEL ANGLE OF ATTACK(DEG) = 7.92
FIN ANGLE(DEG) = -0.57
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.6945
247	0.6945
347	0.6945
447	0.6945
547	0.6915
647	0.6915
747	0.6915

ORF	CP	ORF	CP	ORF	CP
1	-0.2765	52	-0.1725	102	-0.1595
2	-0.6535	53	-0.4125	103	-0.5045
3	-0.8475	54	-0.2445	104	-0.4935
4	-0.7665	55	-0.6995	105	-0.3255
5	-0.3495	56	-0.7865	110	-0.1235
6	-0.1795	57	-0.7585	111	-0.1585
7	-0.1095	58	-0.6795	112	-0.1055
8	-0.0765	59	-0.3085	113	-0.1465
9	-0.0635	60	0.0205	114	-0.0915
10	-0.0495	61	0.0145	115	-0.1545
11	-0.0415	62	-0.0685	116	-0.1235
12	-0.0425	63	-0.1605	117	-0.0275
13	-0.0665	64	-0.5925	118	0.0155
14	-0.2255	65	-0.3605	119	-0.0265
15	-0.2175	66	-0.5885	120	0.0055
16	-0.6245	67	-0.6085	121	0.0045
17	-0.7025	68	-0.6195	122	-0.0205
18	-0.7085	69	-0.6055	123	-0.1645
19	-0.3745	70	-0.5815	124	-0.0745
20	-0.2095	71	-0.5015	125	-0.0455
21	-0.1505	72	-0.4095	126	-0.0295
22	-0.1245	73	-0.3435	127	-0.0385
23	-0.1055	74	-0.3445	128	-0.1525
24	-0.0825	75	-0.5665	129	-0.0565
25	-0.0735	76	-0.5835	135	0.0035
26	-0.0785	77	-0.5825	136	-0.0145
27	-0.1095	78	-0.5765	137	-0.0035
28	-0.2405	79	-0.5465	138	0.0845
29	-0.2195	80	-0.5085	139	0.0825
30	-0.9215	81	-0.4505	140	0.0865
32	-0.3155	82	-0.3605	141	0.1135
33	-0.1195	83	-0.4945	142	0.1075
34	-0.0875	84	-0.5815	143	0.1275
35	-0.0785	85	-0.5645	145	-0.0205
36	-0.0785	86	-0.5335	147	0.1095
37	-0.0775	87	-0.4865	151	0.0715
38	-0.0825	88	-0.4245	152	-0.1455
39	-0.1065	89	-0.3315	153	-0.2225
40	-0.1565	90	-0.4755	154	-0.2815
41	-0.2565	91	-0.4315	155	0.2415
42	-0.2145	92	-0.4305	156	0.0875
43	-1.0475	93	-0.4135	157	-0.0895
44	-0.8845	94	-0.3725	158	0.2875
45	-0.4045	95	-0.3065	159	0.2625
46	-0.0265	96	0.0075	160	0.2095
47	-0.0195	97	-0.4695	161	0.0535
48	-0.0365	98	0.2695	162	0.4065
49	-0.0485	99	0.1835	163	0.3455
50	-0.0725	100	-0.2965	164	0.0805
51	-0.1125	101	-0.1985	165	0.0425

ORF	CP	ORF	CP	ORF	CP
166	0.5905	217	0.1165	268	-0.0815
167	0.3735	218	0.1285	269	0.1895
168	0.3265	219	0.1175	270	0.2065
169	0.1525	220	0.0695	271	-0.1835
170	0.2845	221	-0.5055	272	-0.1945
171	0.2895	222	-0.4765	273	0.2025
172	0.0075	223	-0.0255	274	0.2275
173	0.1075	224	0.0195	275	0.4065
174	0.0175	225	0.4025	276	0.2195
175	-0.1675	226	0.2075	277	0.0925
176	-0.2885	227	-0.5075	278	-1.2565
177	-0.1815	228	-0.4855	279	-1.1555
178	-0.2555	229	-0.4475	280	-1.0095
179	-0.1075	230	-0.3065	281	-0.8235
180	-0.2515	231	-0.0535	282	-0.4135
181	0.1565	232	0.0255	283	-0.1795
182	0.2825	233	0.0545	284	-0.0595
183	0.0665	234	0.0375	285	-0.0595
184	0.1685	235	-0.1815	286	-0.1895
185	0.2635	236	-0.2725	287	-0.2465
186	0.3215	237	-0.0415	288	0.1865
187	0.3595	238	0.0385	289	0.3165
188	0.4445	239	0.2395	290	0.2015
189	0.4965	240	0.1305	291	-1.0865
190	-0.2215	241	-0.7965	292	-0.0855
191	-0.2295	242	-0.7255	325	0.0095
192	-0.2345	244	-0.4465	326	0.0125
193	-0.2395	245	-0.1945	327	0.0145
194	-0.2255	246	-0.0765	328	0.0115
195	-0.2305	247	0.0055	329	0.0115
196	-0.2515	248	0.0285	330	0.0125
197	-0.2255	249	0.0235	331	0.0135
198	-0.2265	250	0.0265	332	0.0155
199	-0.2285	251	-0.1695	333	0.0125
200	-0.2305	252	0.0045	334	0.0125
201	-0.2255	253	0.2415	335	0.0135
202	-0.2225	254	0.1065	336	0.0085
203	-0.2235	255	-1.1685	337	0.0095
204	-0.2215	256	-1.0595	338	0.0125
205	0.3345	257	-0.9135	339	0.0155
206	0.4175	258	-0.7215	340	0.0115
207	0.3955	259	-0.3935	341	0.0105
208	0.4155	260	-0.2065	350	-0.0175
210	0.1725	261	-0.0535	351	0.0215
211	0.4705	262	-0.0215	352	0.0205
212	0.3085	263	-0.1355	353	0.0215
213	-0.6255	264	-0.0145	354	0.0255
214	-0.3195	265	0.1815	355	0.0285
215	-0.1625	266	0.2205		
216	0.0345	267	-0.1715		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 591
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 24.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.896
TUNNEL DYNAMIC PRESSURE(PSF) = 648.
TUNNEL STAGNATION PRESSURE(PSF) = 1943.
TUNNEL STATIC PRESSURE(PSF) = 1154.
REYNOLDS NUMBER PER FOOT = 3.9760E 06
MODEL ANGLE OF ATTACK(DEG) = 11.96
FIN ANGLE(DEG) = -0.37
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.6841
247	0.6831
347	0.6841
447	0.6851
547	0.6701
647	0.6701
747	0.6691

ORF	CP	ORF	CP	ORF	CP
1	-0.4379	52	-0.1099	102	-0.1559
2	-0.8229	53	-0.3379	103	-0.6029
3	-0.8479	54	-0.1959	104	-0.5539
4	-0.6909	55	-0.9249	105	-0.4029
5	-0.4609	56	-0.9829	110	-0.2069
6	-0.3379	57	-1.0709	111	-0.2379
7	-0.2619	58	-1.1499	112	-0.1739
8	-0.2049	59	-1.1079	113	-0.2089
9	-0.1529	60	-0.6819	114	-0.1159
10	-0.1249	61	-0.0599	115	-0.2159
11	-0.1049	62	0.0301	116	-0.2099
12	-0.0939	63	-0.0509	117	-0.1049
13	-0.1069	64	-0.2689	118	-0.0609
14	-0.1909	65	-0.2659	119	-0.0889
15	-0.1979	66	-0.7179	120	-0.0349
16	-0.8159	67	-0.7409	121	-0.0309
17	-0.8889	68	-0.8209	122	-0.0549
18	-0.8279	69	-0.8739	123	-0.2299
19	-0.6769	70	-0.8589	124	-0.1159
20	-0.5569	71	-0.7919	125	-0.0939
21	-0.4049	72	-0.6959	126	-0.0829
22	-0.2399	73	-0.5889	127	-0.0899
23	-0.1549	74	-0.4779	128	-0.2079
24	-0.1019	75	-0.5819	129	-0.1049
25	-0.0799	76	-0.5939	135	-0.0439
26	-0.0789	77	-0.6109	136	-0.0729
27	-0.1009	78	-0.6329	137	-0.0429
28	-0.2119	79	-0.5999	138	0.0501
29	-0.1939	80	-0.5529	139	0.0351
30	-1.1699	81	-0.5039	140	0.0521
32	-0.8469	82	-0.4479	141	0.1211
33	-0.4749	83	-0.4239	142	0.1061
34	-0.2119	84	-0.4889	143	0.1341
35	-0.1479	85	-0.4729	145	-0.0799
36	-0.1309	86	-0.4579	147	0.1021
37	-0.1239	87	-0.4279	151	0.0791
38	-0.1279	88	-0.4079	152	-0.1059
39	-0.1409	89	-0.3829	153	-0.2399
40	-0.1699	90	-0.3869	154	-0.2939
41	-0.2459	91	-0.3699	155	0.2331
42	-0.2029	92	-0.3669	156	0.0311
43	-1.2099	93	-0.3589	157	-0.1329
44	-1.1829	94	-0.3439	158	0.2811
45	-1.0889	95	-0.3469	159	0.2271
46	-0.9739	96	0.1661	160	0.1551
47	-0.4859	97	-0.3639	161	0.0051
48	0.1181	98	0.3701	162	0.4001
49	0.0241	99	0.2841	163	0.3021
50	-0.0239	100	-0.2599	164	0.0291
51	-0.0619	101	-0.2149	165	0.0061

ORF	CP	ORF	CP	ORF	CP
166	0.6091	217	0.2241	268	-0.0219
167	0.3621	218	0.2251	269	0.1251
168	0.3171	219	0.1941	270	0.1501
169	0.1371	220	0.1391	271	-0.2009
170	0.2731	221	-0.5709	272	-0.0809
171	0.3001	222	-0.5419	273	0.1241
172	0.0091	223	-0.0429	274	0.1751
173	0.1421	224	0.0421	275	0.4591
174	0.0261	225	0.5571	276	0.1041
175	-0.1379	226	0.2911	277	-0.0129
176	-0.3179	227	-0.4909	278	-1.3149
177	-0.1069	228	-0.4889	279	-1.2279
178	-0.0199	229	-0.4749	280	-1.0759
179	0.0571	230	-0.3739	281	-0.8309
180	-0.2859	231	-0.1039	282	-0.5159
181	0.0731	232	0.0121	283	-0.3669
182	0.1601	233	0.0821	284	-0.1499
183	-0.0139	234	0.0931	285	-0.1019
184	0.0711	235	-0.1419	286	-0.2149
185	0.1471	236	-0.2819	287	-0.1309
186	0.2171	237	-0.0169	288	0.1521
187	0.2371	238	0.0821	289	0.3341
188	0.3061	239	0.2481	290	0.1451
189	0.3331	240	0.1291	291	-1.2339
190	-0.2469	241	-0.8009	292	-0.1859
191	-0.2649	242	-0.7769	325	-0.0159
192	-0.2619	244	-0.5899	326	-0.0159
193	-0.2669	245	-0.3719	327	-0.0139
194	-0.2589	246	-0.2119	328	-0.0129
195	-0.2659	247	-0.0459	329	-0.0139
196	-0.2799	248	0.0131	330	-0.0149
197	-0.2719	249	0.0291	331	-0.0139
198	-0.2649	250	-0.0219	332	-0.0129
199	-0.2669	251	-0.2309	333	-0.0119
200	-0.2739	252	-0.0109	334	-0.0119
201	-0.2499	253	0.1711	335	-0.0129
202	-0.2519	254	0.0391	336	-0.0139
203	-0.2549	255	-0.9989	337	-0.0149
204	-0.2589	256	-0.9229	338	-0.0159
205	0.3431	257	-0.8899	339	-0.0129
206	0.4551	258	-0.7769	340	-0.0119
207	0.4181	259	-0.5629	341	-0.0139
208	0.4401	260	-0.3809	350	-0.0839
210	0.0851	261	-0.1669	351	-0.0199
211	0.6681	262	-0.0809	352	-0.0209
212	0.4321	263	-0.1189	353	-0.0199
213	-0.7479	264	-0.0079	354	-0.0199
214	-0.4559	265	0.1311	355	-0.0209
215	-0.2469	266	0.1441		
216	0.1151	267	-0.1699		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 592
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 24.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.897
TUNNEL DYNAMIC PRESSURE(PSF) = 649.
TUNNEL STAGNATION PRESSURE(PSF) = 1943.
TUNNEL STATIC PRESSURE(PSF) = 1153.
REYNOLDS NUMBER PER FOOT = 3.9780E 06
MODEL ANGLE OF ATTACK(DEG) = 14.13
FIN ANGLE(DEG) = -0.17
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.6864
247	0.6854
347	0.6864
447	0.6864
547	0.6924
647	0.6924
747	0.6924

ORF	CP	ORF	CP	ORF	CP
1	-0.5206	52	-0.0746	102	-0.1356
2	-0.9166	53	-0.2726	103	-0.6236
3	-0.8796	54	-0.1716	104	-0.5456
4	-0.7686	55	-0.9156	105	-0.3936
5	-0.5356	56	-0.9286	110	-0.2216
6	-0.3386	57	-0.9906	111	-0.2516
7	-0.2506	58	-1.0886	112	-0.1806
8	-0.1786	59	-1.1316	113	-0.2086
9	-0.1446	60	-1.0126	114	-0.1006
10	-0.1066	61	-0.7126	115	-0.2186
11	-0.0826	62	-0.3706	116	-0.2106
12	-0.0746	63	-0.3036	117	-0.0996
13	-0.0886	64	-0.3386	118	-0.0856
14	-0.1786	65	-0.3416	119	-0.0916
15	-0.1756	66	-0.6706	120	-0.0136
16	-0.9106	67	-0.6796	121	-0.0156
17	-0.9986	68	-0.6996	122	-0.0616
18	-0.9446	69	-0.7446	123	-0.2346
19	-0.7876	70	-0.7446	124	-0.1026
20	-0.6516	71	-0.6916	125	-0.0886
21	-0.4706	72	-0.6366	126	-0.0746
22	-0.2616	73	-0.5816	127	-0.0766
23	-0.1236	74	-0.4946	128	-0.1996
24	-0.0606	75	-0.5436	129	-0.0886
25	-0.0446	76	-0.5656	135	-0.0406
26	-0.0446	77	-0.5756	136	-0.0836
27	-0.0686	78	-0.5696	137	-0.0376
28	-0.1786	79	-0.5426	138	0.0564
29	-0.1746	80	-0.5136	139	0.0334
30	-1.2436	81	-0.4676	140	0.0684
32	-1.0406	82	-0.4296	141	0.1634
33	-0.7026	83	-0.4216	142	0.1414
34	-0.3436	84	-0.4786	143	0.1894
35	-0.1946	85	-0.4626	145	-0.0876
36	-0.1526	86	-0.4396	147	0.1384
37	-0.1346	87	-0.4146	151	0.0924
38	-0.1236	88	-0.3906	152	-0.0946
39	-0.1166	89	-0.3766	153	-0.2386
40	-0.1306	90	-0.3896	154	-0.3066
41	-0.2046	91	-0.3816	155	0.2494
42	-0.1686	92	-0.3786	156	0.0214
43	-1.2386	93	-0.3686	157	-0.1276
44	-1.2436	94	-0.3576	158	0.3034
45	-1.2006	95	-0.3446	159	0.2264
46	-1.1176	96	0.2694	160	0.1344
47	-1.0306	97	-0.2946	161	-0.0116
48	-0.1716	98	0.4284	162	0.4294
49	0.0734	99	0.3384	163	0.3034
50	0.0454	100	-0.2096	164	0.0254
51	-0.0076	101	-0.1986	165	0.0104

ORF	CP	ORF	CP	ORF	CP
166	0.6264	217	0.3214	268	0.0084
167	0.3764	218	0.3044	269	0.1624
168	0.3274	219	0.2564	270	0.1854
169	0.1494	220	0.2004	271	-0.1746
170	0.2244	221	-0.6446	272	-0.0206
171	0.3334	222	-0.5876	273	0.1654
172	0.0244	223	-0.0216	274	0.2184
173	0.1854	224	0.0564	275	0.4864
174	0.0424	225	0.6024	276	0.0274
175	-0.0996	226	0.2814	277	-0.0536
176	-0.3006	227	-0.4986	278	-1.3206
177	-0.1036	228	-0.4666	279	-1.2436
178	-0.0106	229	-0.4206	280	-1.1146
179	0.0464	230	-0.2486	281	-0.8696
180	-0.2756	231	-0.0186	282	-0.5276
181	0.0674	232	0.0684	283	-0.3536
182	0.1464	233	0.1234	284	-0.1256
183	-0.0036	234	0.1284	285	-0.0646
184	0.0714	235	-0.1166	286	-0.1826
185	0.1434	236	-0.3006	287	-0.0366
186	0.1994	237	-0.0056	288	0.2054
187	0.2244	238	0.0994	289	0.4104
188	0.2624	239	0.2054	290	0.1834
189	0.3074	240	0.0984	291	-1.2666
190	-0.2456	241	-0.7366	292	-0.1826
191	-0.2656	242	-0.7216	325	-0.0126
192	-0.2606	244	-0.5646	326	-0.0126
193	-0.2606	245	-0.3516	327	-0.0116
194	-0.2436	246	-0.1896	328	-0.0126
195	-0.2556	247	-0.0246	329	-0.0116
196	-0.2726	248	0.0454	330	-0.0156
197	-0.2616	249	0.0634	331	-0.0126
198	-0.2666	250	-0.0086	332	-0.0106
199	-0.2556	251	-0.2066	333	-0.0116
200	-0.2626	252	0.0234	334	-0.0116
201	-0.2566	253	0.1514	335	-0.0146
202	-0.2636	254	0.0284	336	-0.0136
203	-0.2636	255	-1.0276	337	-0.0126
204	-0.2586	256	-0.9276	338	-0.0136
205	0.3794	257	-0.8766	339	-0.0116
206	0.4944	258	-0.7606	340	-0.0116
207	0.4524	259	-0.5516	341	-0.0116
208	0.4824	260	-0.3696	350	-0.0896
210	0.0644	261	-0.1456	351	-0.0076
211	0.7594	262	-0.0556	352	-0.0076
212	0.4974	263	-0.0856	353	-0.0056
213	-0.6666	264	0.0344	354	-0.0076
214	-0.4376	265	0.1694	355	-0.0076
215	-0.1846	266	0.1854		
216	0.2274	267	-0.1366		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 593
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 24.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.894
TUNNEL DYNAMIC PRESSURE(PSF) = 647.
TUNNEL STAGNATION PRESSURE(PSF) = 1943.
TUNNEL STATIC PRESSURE(PSF) = 1156.
REYNOLDS NUMBER PER FOOT = 3.9750E 06
MODEL ANGLE OF ATTACK(DEG) = 0.11
FIN ANGLE(DEG) = -0.36
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.6843
247	0.6823
347	0.6843
447	0.6843
547	0.6683
647	0.6673
747	0.6683

ORF	CP	ORF	CP	ORF	CP
1	0.0333	52	-0.1747	102	-0.2117
2	-0.3617	53	-0.4427	103	-0.5127
3	-0.3947	54	-0.3007	104	-0.5037
4	-0.2767	55	0.0603	105	-0.3137
5	-0.1687	56	0.0353	110	-0.0967
6	-0.0947	57	0.0183	111	-0.1257
7	-0.0637	58	-0.0037	112	-0.0817
8	-0.0447	59	-0.0287	113	-0.1217
9	-0.0427	60	-0.0527	114	-0.1277
10	-0.0437	61	-0.0887	115	-0.1307
11	-0.0487	62	-0.1357	116	-0.0807
12	-0.0657	63	-0.2197	117	-0.0057
13	-0.0967	64	-0.6327	118	0.0133
14	-0.2257	65	-0.4267	119	-0.0177
15	-0.2357	66	0.0453	120	0.0093
16	-0.1877	67	0.0213	121	0.0113
17	-0.1797	68	-0.0057	122	-0.0087
18	-0.1307	69	-0.0347	123	-0.1327
19	-0.0887	70	-0.0687	124	-0.0397
20	-0.0637	71	-0.1117	125	-0.0317
21	-0.0397	72	-0.1687	126	-0.0067
22	-0.0327	73	-0.2747	127	-0.0177
23	-0.0357	74	-0.5627	128	-0.1337
24	-0.0407	75	0.0363	129	-0.0637
25	-0.0517	76	-0.0057	135	0.0063
26	-0.0727	77	-0.0487	136	0.0053
27	-0.1217	78	-0.0927	137	0.0063
28	-0.2577	79	-0.1447	138	0.0863
29	-0.2537	80	-0.2077	139	0.0903
30	-0.0597	81	-0.3677	140	0.0853
32	-0.0347	82	-0.6557	141	0.0973
33	-0.0257	83	0.0073	142	0.0993
34	-0.0217	84	-0.0467	143	0.0963
35	-0.0187	85	-0.1057	145	0.0143
36	-0.0257	86	-0.1527	147	0.0953
37	-0.0347	87	-0.2127	151	-0.0247
38	-0.0487	88	-0.3277	152	-0.2177
39	-0.0767	89	-0.6587	153	-0.2067
40	-0.1297	90	-0.0877	154	-0.2677
41	-0.2617	91	-0.1267	155	0.0103
42	-0.2707	92	-0.1657	156	0.1053
43	0.0323	93	-0.2197	157	-0.0727
44	0.0193	94	-0.3107	158	0.3253
45	0.0083	95	-0.6067	159	0.2563
46	0.0043	96	-0.3857	160	0.1893
47	-0.0127	97	-0.5587	161	0.0673
48	-0.0247	98	0.0003	162	0.3193
49	-0.0447	99	-0.0547	163	0.2823
50	-0.0667	100	-0.3437	164	0.0883
51	-0.1087	101	-0.2367	165	0.0063

ORF	CP	ORF	CP	ORF	CP
166	0.3773	217	-0.1227	268	-0.1797
167	0.2803	218	-0.0797	269	0.0993
168	0.2143	219	-0.0697	270	0.1713
169	0.0623	220	-0.1057	271	-0.2337
170	0.1633	221	-0.4897	272	-0.2597
171	0.1633	222	-0.4757	273	0.0413
172	-0.0637	223	-0.0307	274	0.1183
173	-0.0017	224	-0.0207	275	0.3153
174	-0.0937	225	0.1963	276	0.2883
175	-0.2507	226	0.0433	277	0.1173
176	-0.2717	227	-0.6227	278	-0.7537
177	-0.2197	228	-0.5957	279	-0.7217
178	-0.3977	229	-0.5387	280	-0.6507
179	-0.4117	230	-0.3607	281	-0.4927
180	-0.2207	231	-0.1487	282	-0.2007
181	0.2863	232	-0.0937	283	-0.0917
182	0.4163	233	-0.0717	284	-0.0447
183	0.4093	234	-0.0917	285	-0.0777
184	0.5893	235	-0.2647	286	-0.2347
185	0.6533	236	-0.2837	287	-0.3007
186	0.7233	237	-0.0947	288	0.0063
187	0.7813	238	-0.0437	289	0.1493
188	0.8263	239	0.2093	290	0.1293
189	0.8523	240	0.0793	291	-0.5077
190	-0.2057	241	-0.5827	292	-0.0587
191	-0.2037	242	-0.5687	325	0.0213
192	-0.2187	244	-0.3357	326	0.0223
193	-0.2177	245	-0.1487	327	0.0223
194	-0.2037	246	-0.1047	328	0.0213
195	-0.2027	247	-0.0817	329	0.0233
196	-0.2337	248	-0.0717	330	0.0243
197	-0.2027	249	-0.0887	331	0.0233
198	-0.2097	250	0.0103	332	0.0213
199	-0.2127	251	-0.2087	333	0.0203
200	-0.2087	252	-0.1007	334	0.0233
201	-0.1897	253	0.2163	335	0.0243
202	-0.1987	254	0.0663	336	0.0233
203	-0.1967	255	-0.6557	337	0.0213
204	-0.1927	256	-0.6487	338	0.0223
205	0.1983	257	-0.6177	339	0.0213
206	0.2223	258	-0.5097	340	0.0203
207	0.2233	259	-0.2117	341	0.0223
208	0.2273	260	-0.0897	350	-0.0187
210	0.2773	261	-0.0547	351	0.0103
211	0.2433	262	-0.0557	352	0.0103
212	0.0813	263	-0.2077	353	0.0143
213	-0.7327	264	-0.1207	354	0.0133
214	-0.6357	265	0.1143	355	0.0123
215	-0.5707	266	0.1493		
216	-0.3407	267	-0.2117		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 534
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 22.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 90.0
MACH NUMBER = 0.799
TUNNEL DYNAMIC PRESSURE(PSF) = 600.
TUNNEL STAGNATION PRESSURE(PSF) = 2045.
TUNNEL STATIC PRESSURE(PSF) = 1344.
REYNOLDS NUMBER PER FOOT = 3.9160E 06
MODEL ANGLE OF ATTACK(DEG) = -14.24
FIN ANGLE(DEG) = -0.49
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 540.

SCANIVALUE	CP(REF)
147	0.4240
247	0.4240
347	0.4240
447	0.4230
547	0.4090
647	0.4080
747	0.4070

ORF	CP	ORF	CP	ORF	CP
1	-0.1530	52	-0.1860	102	-0.3370
2	-0.3970	53	-0.4060	103	-0.6320
3	-0.3690	54	-0.3470	104	-0.6090
4	-0.2690	55	0.2130	105	-0.4690
5	-0.2160	56	0.1470	110	-0.2460
6	-0.1780	57	0.1130	111	-0.2720
7	-0.1620	58	0.0770	112	-0.2300
8	-0.1550	59	0.0410	113	-0.2550
9	-0.1480	60	0.0080	114	-0.1810
10	-0.1470	61	-0.0430	115	-0.2560
11	-0.1570	62	-0.0980	116	-0.2100
12	-0.1680	63	-0.1940	117	-0.1040
13	-0.2010	64	-0.4390	118	-0.1410
14	-0.3180	65	-0.4190	119	-0.1310
15	-0.3220	66	0.2340	120	-0.0110
16	-0.1580	67	0.1830	121	-0.0120
17	-0.1590	68	0.1350	122	-0.1000
18	-0.1500	69	0.0940	123	-0.2720
19	-0.1370	70	0.0380	124	-0.1620
20	-0.1320	71	-0.0230	125	-0.1350
21	-0.1280	72	-0.0960	126	-0.1080
22	-0.1240	73	-0.2320	127	-0.1210
23	-0.1320	74	-0.3970	128	-0.2940
24	-0.1410	75	0.2370	129	-0.2070
25	-0.1510	76	0.1710	135	-0.0680
26	-0.1690	77	0.1020	136	-0.0680
27	-0.2100	78	0.0370	137	-0.0660
28	-0.3310	79	-0.0390	138	0.0290
29	-0.3350	80	-0.1360	139	0.0290
30	-0.0080	81	-0.3120	140	0.0410
32	-0.0530	82	-0.3810	141	0.1240
33	-0.0580	83	0.1860	142	0.0500
34	-0.0620	84	0.1130	143	0.1060
35	-0.0740	85	0.0260	145	-0.0750
36	-0.0850	86	-0.0660	147	0.0500
37	-0.0980	87	-0.1700	151	-0.1730
38	-0.1220	88	-0.2930	152	-0.2370
39	-0.1440	89	-0.3830	153	-0.3060
40	-0.1900	90	0.0910	154	-0.2990
41	-0.2990	91	-0.0790	155	0.0400
42	-0.3300	92	-0.1700	156	-0.0940
43	0.1190	93	-0.2390	157	-0.1950
44	0.0730	94	-0.3190	158	0.2620
45	0.0410	95	-0.3640	159	0.0530
46	0.0240	96	-0.5100	160	0.0230
47	-0.0030	97	-0.4660	161	-0.0760
48	-0.0230	98	-0.5520	162	0.1270
49	-0.0550	99	-1.1850	163	0.0310
50	-0.0820	100	-0.7650	164	0.0230
51	-0.1200	101	-0.3790	165	-0.1480

ORF	CP	ORF	CP	ORF	CP
166	0.0700	217	-1.1010	268	-0.2180
167	-0.0540	218	-0.6810	269	0.0190
168	-0.1080	219	-0.3860	270	0.1350
169	-0.1970	220	-0.3620	271	-0.3540
170	-0.0530	221	-0.5880	272	-0.2800
171	-0.1240	222	-0.4910	273	0.0410
172	-0.2180	223	-0.0830	274	0.0830
173	-0.0930	224	-0.0950	275	0.0480
174	-0.1460	225	-0.0050	276	0.0410
175	-0.2010	226	-0.1750	277	-0.1160
176	-0.2630	227	-1.8090	278	-0.8180
177	-0.3870	228	-1.7070	279	-0.7960
178	-0.4680	229	-1.5910	280	-0.6700
179	-0.3320	230	-1.3560	281	-0.4230
180	-0.2620	231	-0.9110	282	-0.2270
181	-0.0260	232	-0.5980	283	-0.1860
182	0.2090	233	-0.3780	284	-0.1560
183	0.6710	234	-0.3280	285	-0.1860
184	0.8120	235	-0.4640	286	-0.3780
185	0.8550	236	-0.3900	287	-0.3320
186	0.9840	237	-0.1480	288	-0.0240
187	1.1310	238	-0.0920	289	-0.0030
188	1.1780	239	-0.0780	290	0.0210
189	1.1750	240	-0.1940	291	-0.4680
190	-0.2270	241	-1.1170	292	-0.1110
191	-0.1850	242	-1.0010	325	0.0220
192	-0.2430	244	-0.6280	326	0.0230
193	-0.2330	245	-0.4270	327	0.0210
194	-0.2140	246	-0.3310	328	0.0220
195	-0.1900	247	-0.2510	329	0.0240
196	-0.2200	248	-0.2140	330	0.0210
197	-0.2250	249	-0.1850	331	0.0240
198	-0.2240	250	0.0080	332	0.0210
199	-0.2160	251	-0.2450	333	0.0220
200	-0.1840	252	-0.1740	334	0.0250
201	-0.1870	253	-0.0230	335	0.0240
202	-0.2280	254	-0.1980	336	0.0220
203	-0.2140	255	-0.6460	337	0.0210
204	-0.1960	256	-0.6470	338	0.0210
205	-0.0240	257	-0.6620	339	0.0210
206	-0.0130	258	-0.5640	340	0.0210
207	-0.0050	259	-0.3320	341	0.0230
208	-0.0080	260	-0.2530	350	-0.0880
210	0.0400	261	-0.2090	351	0.0060
211	-0.4870	262	-0.1890	352	0.0060
212	-0.4780	263	-0.2880	353	0.0040
213	-1.6740	264	-0.1890	354	0.0060
214	-1.6370	265	-0.0010	355	0.0070
215	-1.5160	266	0.0440		
216	-1.3340	267	-0.3130		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 595
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 22.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.797
TUNNEL DYNAMIC PRESSURE(PSF) = 599.
TUNNEL STAGNATION PRESSURE(PSF) = 2046.
TUNNEL STATIC PRESSURE(PSF) = 1346.
REYNOLDS NUMBER PER FOOT = 3.9840E 06
MODEL ANGLE OF ATTACK(DEG) = -12.09
FIN ANGLE(DEG) = -0.50
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 540.

SCANIVALUE	CP(REF)
147	0.4219
247	0.4199
347	0.4199
447	0.4209
547	0.4299
647	0.4299
747	0.4309

ORF	CP	ORF	CP	ORF	CP
1	-0.1041	52	-0.1691	102	-0.2991
2	-0.3331	53	-0.3961	103	-0.5791
3	-0.3001	54	-0.3331	104	-0.5671
4	-0.2161	55	0.2129	105	-0.4611
5	-0.1691	56	0.1669	110	-0.1801
6	-0.1501	57	0.1329	111	-0.2031
7	-0.1321	58	0.0939	112	-0.1601
8	-0.1251	59	0.0539	113	-0.1981
9	-0.1281	60	0.0129	114	-0.1671
10	-0.1321	61	-0.0311	115	-0.2151
11	-0.1351	62	-0.0881	116	-0.1591
12	-0.1471	63	-0.1891	117	-0.0651
13	-0.1751	64	-0.4311	118	-0.0551
14	-0.2921	65	-0.4041	119	-0.0931
15	-0.2951	66	0.2389	120	0.0079
16	-0.1101	67	0.1879	121	0.0089
17	-0.1271	68	0.1269	122	-0.0631
18	-0.1081	69	0.0819	123	-0.2341
19	-0.1081	70	0.0269	124	-0.1141
20	-0.0961	71	-0.0301	125	-0.0981
21	-0.0981	72	-0.1101	126	-0.0701
22	-0.0981	73	-0.2411	127	-0.0821
23	-0.1011	74	-0.3801	128	-0.2461
24	-0.1121	75	0.2399	129	-0.1681
25	-0.1241	76	0.1609	135	-0.0421
26	-0.1521	77	0.0939	136	-0.0381
27	-0.1921	78	0.0249	137	-0.0301
28	-0.3091	79	-0.0561	138	0.0589
29	-0.3071	80	-0.1451	139	0.0569
30	0.0189	81	-0.3161	140	0.0629
32	-0.0201	82	-0.3651	141	0.1269
33	-0.0181	83	0.1849	142	0.0749
34	-0.0281	84	0.1019	143	0.1139
35	-0.0401	85	0.0139	145	-0.0381
36	-0.0541	86	-0.0741	147	0.0709
37	-0.0641	87	-0.1641	151	-0.1471
38	-0.0851	88	-0.2941	152	-0.2101
39	-0.1191	89	-0.3771	153	-0.3151
40	-0.1681	90	0.0879	154	-0.2891
41	-0.2751	91	-0.0791	155	0.1109
42	-0.2971	92	-0.1681	156	-0.0601
43	0.1489	93	-0.2251	157	-0.1641
44	0.1019	94	-0.3071	158	0.3069
45	0.0729	95	-0.3441	159	0.1229
46	0.0519	96	-0.4441	160	0.0839
47	0.0369	97	-0.4221	161	-0.0171
48	0.0109	98	-0.4871	162	0.1539
49	-0.0211	99	-1.0681	163	0.0659
50	-0.0511	100	-0.6641	164	0.0639
51	-0.0971	101	-0.3411	165	-0.1281

ORF	CP	ORF	CP	ORF	CP
166	0.0819	217	-0.9641	268	-0.1921
167	-0.0351	218	-0.5561	269	0.0509
168	-0.0901	219	-0.3151	270	0.1419
169	-0.1801	220	-0.2971	271	-0.3201
170	-0.0351	221	-0.5121	272	-0.2561
171	-0.1061	222	-0.4461	273	0.0569
172	-0.1981	223	-0.0361	274	0.0889
173	-0.0651	224	-0.0331	275	0.0589
174	-0.1281	225	0.0469	276	0.0649
175	-0.1901	226	-0.1361	277	-0.0871
176	-0.2511	227	-1.7801	278	-0.7261
177	-0.3671	228	-1.6671	279	-0.6821
178	-0.4561	229	-1.5121	280	-0.5701
179	-0.2831	230	-1.1551	281	-0.3131
180	-0.2481	231	-0.7691	282	-0.1811
181	0.0089	232	-0.4871	283	-0.1511
182	0.2119	233	-0.3141	284	-0.1281
183	0.6289	234	-0.2651	285	-0.1651
184	0.7739	235	-0.4011	286	-0.3391
185	0.8119	236	-0.3111	287	-0.3031
186	0.9459	237	-0.1021	288	-0.0091
187	1.1189	238	-0.0371	289	0.0199
188	1.1749	239	-0.0441	290	0.0599
189	1.1739	240	-0.1701	291	-0.5081
190	-0.2171	241	-0.9641	292	-0.0921
191	-0.1751	242	-0.8631	325	0.0329
192	-0.2311	244	-0.5121	326	0.0329
193	-0.2271	245	-0.3591	327	0.0329
194	-0.2061	246	-0.2921	328	0.0359
195	-0.1801	247	-0.2191	329	0.0349
196	-0.2161	248	-0.1781	330	0.0329
197	-0.2201	249	-0.1491	331	0.0339
198	-0.2091	250	0.0289	332	0.0349
199	-0.1991	251	-0.2311	333	0.0369
200	-0.1731	252	-0.1421	334	0.0349
201	-0.1741	253	0.0489	335	0.0339
202	-0.2171	254	-0.1251	336	0.0319
203	-0.1981	255	-0.6501	337	0.0329
204	-0.1791	256	-0.6481	338	0.0329
205	0.0219	257	-0.6431	339	0.0319
206	0.0259	258	-0.5441	340	0.0359
207	0.0369	259	-0.3051	341	0.0349
208	0.0369	260	-0.2161	350	-0.0571
210	0.1449	261	-0.1711	351	0.0269
211	-0.3301	262	-0.1581	352	0.0259
212	-0.3881	263	-0.2601	353	0.0259
213	-1.6481	264	-0.1591	354	0.0279
214	-1.5661	265	0.0339	355	0.0279
215	-1.4211	266	0.0709		
216	-1.1761	267	-0.2911		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 596
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 22.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.800
TUNNEL DYNAMIC PRESSURE(PSF) = 602.
TUNNEL STAGNATION PRESSURE(PSF) = 2048.
TUNNEL STATIC PRESSURE(PSF) = 1344.
REYNOLDS NUMBER PER FOOT = 3.9930E 06
MODEL ANGLE OF ATTACK(DEG) = -8.10
FIN ANGLE(DEG) = -0.56
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 540.

SCANIVALUE	CP(REF)
147	0.4204
247	0.4204
347	0.4224
447	0.4224
547	0.4214
647	0.4214
747	0.4224

ORF	CP	ORF	CP	ORF	CP
1	-0.0606	52	-0.1696	102	-0.2536
2	-0.2116	53	-0.3896	103	-0.5576
3	-0.1776	54	-0.3176	104	-0.5646
4	-0.1246	55	0.2184	105	-0.4016
5	-0.1066	56	0.1544	110	-0.1416
6	-0.0936	57	0.1204	111	-0.1666
7	-0.0856	58	0.0764	112	-0.1206
8	-0.0796	59	0.0334	113	-0.1626
9	-0.0836	60	-0.0006	114	-0.1546
10	-0.0946	61	-0.0496	115	-0.1596
11	-0.1016	62	-0.1106	116	-0.1056
12	-0.1166	63	-0.2126	117	-0.0336
13	-0.1456	64	-0.4596	118	-0.0056
14	-0.2456	65	-0.4176	119	-0.0496
15	-0.2606	66	0.2204	120	0.0164
16	-0.0496	67	0.1444	121	0.0184
17	-0.0556	68	0.0914	122	-0.0306
18	-0.0556	69	0.0454	123	-0.1736
19	-0.0496	70	-0.0046	124	-0.0926
20	-0.0516	71	-0.0626	125	-0.0736
21	-0.0526	72	-0.1416	126	-0.0476
22	-0.0586	73	-0.2826	127	-0.0636
23	-0.0666	74	-0.4146	128	-0.1866
24	-0.0756	75	0.1954	129	-0.1256
25	-0.0926	76	0.1124	135	-0.0146
26	-0.1226	77	0.0394	136	-0.0136
27	-0.1566	78	-0.0266	137	-0.0106
28	-0.2636	79	-0.1026	138	0.0724
29	-0.2786	80	-0.1906	139	0.0664
30	0.0554	81	-0.3706	140	0.0694
32	0.0244	82	-0.3786	141	0.1064
33	0.0064	83	0.1504	142	0.0734
34	-0.0066	84	0.0594	143	0.0904
35	-0.0176	85	-0.0326	145	-0.0176
36	-0.0316	86	-0.1186	147	0.0714
37	-0.0466	87	-0.1996	151	-0.0636
38	-0.0706	88	-0.3186	152	-0.1866
39	-0.0996	89	-0.3546	153	-0.2366
40	-0.1516	90	0.0514	154	-0.2666
41	-0.2636	91	-0.1056	155	0.1354
42	-0.2736	92	-0.1806	156	0.0314
43	0.1704	93	-0.2386	157	-0.1046
44	0.1284	94	-0.2936	158	0.2644
45	0.0934	95	-0.2906	159	0.1564
46	0.0694	96	-0.3726	160	0.1274
47	0.0404	97	-0.3676	161	0.0174
48	0.0094	98	-0.4566	162	0.1604
49	-0.0186	99	-0.7336	163	0.0964
50	-0.0476	100	-0.4956	164	0.0694
51	-0.0976	101	-0.2916	165	-0.0946

ORF	CP	ORF	CP	ORF	CP
166	0.0924	217	-0.4516	268	-0.1566
167	0.0304	218	-0.3616	269	0.0684
168	-0.0186	219	-0.2706	270	0.1344
169	-0.1206	220	-0.2596	271	-0.2776
170	0.0534	221	-0.4826	272	-0.2216
171	-0.0376	222	-0.3586	273	0.0764
172	-0.1476	223	-0.0626	274	0.1084
173	-0.0436	224	-0.0756	275	0.0884
174	-0.1006	225	0.0104	276	0.0934
175	-0.1766	226	-0.1656	277	-0.0296
176	-0.2366	227	-1.0666	278	-0.5346
177	-0.2576	228	-0.9976	279	-0.4996
178	-0.3426	229	-0.8816	280	-0.3826
179	-0.2116	230	-0.6496	281	-0.1776
180	-0.2306	231	-0.4226	282	-0.1086
181	0.1004	232	-0.3386	283	-0.0946
182	0.3064	233	-0.2666	284	-0.0846
183	0.5674	234	-0.2416	285	-0.1256
184	0.7134	235	-0.3316	286	-0.2856
185	0.7784	236	-0.2786	287	-0.2716
186	0.8914	237	-0.1326	288	0.0304
187	1.0734	238	-0.1006	289	0.0454
188	1.1604	239	0.1414	290	0.0804
189	1.1704	240	-0.0086	291	-0.5036
190	-0.1986	241	-0.7686	292	-0.0796
191	-0.1776	242	-0.7696	325	0.0234
192	-0.2176	244	-0.6056	326	0.0254
193	-0.2086	245	-0.3476	327	0.0264
194	-0.1896	246	-0.2506	328	0.0254
195	-0.1836	247	-0.2016	329	0.0254
196	-0.2036	248	-0.1786	330	0.0274
197	-0.2056	249	-0.1396	331	0.0244
198	-0.1996	250	0.0274	332	0.0254
199	-0.2006	251	-0.2066	333	0.0254
200	-0.1906	252	-0.0956	334	0.0244
201	-0.1816	253	0.1084	335	0.0264
202	-0.2036	254	-0.0556	336	0.0264
203	-0.1906	255	-0.7006	337	0.0234
204	-0.1806	256	-0.6656	338	0.0254
205	0.0524	257	-0.6076	339	0.0264
206	0.0564	258	-0.4126	340	0.0244
207	0.0694	259	-0.2096	341	0.0244
208	0.0674	260	-0.1536	350	-0.0256
210	0.1304	261	-0.1356	351	0.0304
211	-0.1216	262	-0.1276	352	0.0304
212	-0.2656	263	-0.2266	353	0.0284
213	-1.2226	264	-0.1186	354	0.0284
214	-1.0556	265	0.0544	355	0.0274
215	-0.9866	266	0.0974		
216	-0.7256	267	-0.2506		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 597
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 22.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.800
TUNNEL DYNAMIC PRESSURE(PSF) = 602.
TUNNEL STAGNATION PRESSURE(PSF) = 2048.
TUNNEL STATIC PRESSURE(PSF) = 1343.
REYNOLDS NUMBER PER FOOT = 3.9900E 06
MODEL ANGLE OF ATTACK(DEG) = -6.04
FIN ANGLE(DEG) = -0.57
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.4241
247	0.4231
347	0.4241
447	0.4241
547	0.4291
647	0.4281
747	0.4281

ORF	CP	ORF	CP	ORF	CP
1	-0.0389	52	-0.1609	102	-0.2239
2	-0.1759	53	-0.3579	103	-0.5379
3	-0.1409	54	-0.2949	104	-0.5409
4	-0.0999	55	0.1991	105	-0.3609
5	-0.0759	56	0.1371	110	-0.1149
6	-0.0649	57	0.1041	111	-0.1319
7	-0.0609	58	0.0571	112	-0.0939
8	-0.0599	59	0.0251	113	-0.1359
9	-0.0669	60	-0.0119	114	-0.1449
10	-0.0719	61	-0.0559	115	-0.1439
11	-0.0799	62	-0.1129	116	-0.0739
12	-0.0969	63	-0.2079	117	-0.0139
13	-0.1259	64	-0.4499	118	0.0201
14	-0.2209	65	-0.4119	119	-0.0359
15	-0.2279	66	0.1981	120	0.0221
16	-0.0159	67	0.1251	121	0.0191
17	-0.0319	68	0.0741	122	-0.0049
18	-0.0329	69	0.0311	123	-0.1409
19	-0.0309	70	-0.0139	124	-0.0669
20	-0.0339	71	-0.0619	125	-0.0529
21	-0.0329	72	-0.1419	126	-0.0289
22	-0.0449	73	-0.2809	127	-0.0429
23	-0.0509	74	-0.3979	128	-0.1559
24	-0.0609	75	0.1761	129	-0.0999
25	-0.0819	76	0.0931	135	-0.0019
26	-0.1009	77	0.0311	136	-0.0039
27	-0.1369	78	-0.0309	137	-0.0009
28	-0.2359	79	-0.0969	138	0.0921
29	-0.2399	80	-0.1909	139	0.0831
30	0.0721	81	-0.3639	140	0.0851
32	0.0331	82	-0.3479	141	0.1081
33	0.0191	83	0.1221	142	0.0931
34	0.0031	84	0.0391	143	0.0991
35	-0.0119	85	-0.0519	145	-0.0009
36	-0.0219	86	-0.1279	147	0.0951
37	-0.0359	87	-0.2069	151	-0.0519
38	-0.0579	88	-0.3249	152	-0.1679
39	-0.0919	89	-0.3309	153	-0.2099
40	-0.1349	90	0.0271	154	-0.2469
41	-0.2339	91	-0.1139	155	0.0881
42	-0.2419	92	-0.1799	156	0.0171
43	0.1541	93	-0.2399	157	-0.1089
44	0.1051	94	-0.3079	158	0.2471
45	0.0761	95	-0.2789	159	0.1331
46	0.0521	96	-0.3359	160	0.0941
47	0.0261	97	-0.3599	161	0.0041
48	0.0071	98	-0.2709	162	0.1661
49	-0.0219	99	-0.4969	163	0.1091
50	-0.0539	100	-0.3439	164	0.0881
51	-0.0989	101	-0.2609	165	-0.0789

ORF	CP	ORF	CP	ORF	CP
166	0.1301	217	-0.3519	268	-0.1239
167	0.0711	218	-0.2889	269	0.0841
168	0.0201	219	-0.2269	270	0.1491
169	-0.0859	220	-0.2259	271	-0.2409
170	0.1001	221	-0.4589	272	-0.1939
171	0.0221	222	-0.3109	273	0.0861
172	-0.1209	223	-0.0759	274	0.1091
173	-0.0029	224	-0.0789	275	0.1181
174	-0.0819	225	0.0971	276	0.1241
175	-0.1609	226	-0.0849	277	-0.0049
176	-0.2289	227	-0.9389	278	-0.4869
177	-0.2399	228	-0.8879	279	-0.4409
178	-0.3309	229	-0.7929	280	-0.3209
179	-0.2119	230	-0.5649	281	-0.1429
180	-0.2149	231	-0.3349	282	-0.0729
181	0.1591	232	-0.2619	283	-0.0679
182	0.3311	233	-0.2029	284	-0.0609
183	0.5091	234	-0.1909	285	-0.1079
184	0.6671	235	-0.2949	286	-0.2519
185	0.7211	236	-0.2189	287	-0.2569
186	0.8191	237	-0.0719	288	0.0531
187	0.9631	238	-0.0349	289	0.0801
188	1.0931	239	0.2101	290	0.0841
189	1.1361	240	0.0761	291	-0.4629
190	-0.1849	241	-0.7679	292	-0.0729
191	-0.1769	242	-0.7729	325	0.0291
192	-0.1959	244	-0.5559	326	0.0301
193	-0.1989	245	-0.2919	327	0.0311
194	-0.1759	246	-0.1899	328	0.0301
195	-0.1709	247	-0.1529	329	0.0311
196	-0.2009	248	-0.1219	330	0.0301
197	-0.1949	249	-0.0909	331	0.0311
198	-0.1889	250	0.0301	332	0.0321
199	-0.1789	251	-0.1829	333	0.0311
200	-0.1799	252	-0.0879	334	0.0301
201	-0.1759	253	0.1211	335	0.0311
202	-0.1839	254	-0.0279	336	0.0301
203	-0.1809	255	-0.5899	337	0.0291
204	-0.1749	256	-0.5499	338	0.0301
205	0.0841	257	-0.4799	339	0.0311
206	0.0931	258	-0.2759	340	0.0311
207	0.1011	259	-0.1489	341	0.0311
208	0.0971	260	-0.1119	350	-0.0229
210	0.1771	261	-0.0959	351	0.0281
211	0.0641	262	-0.0959	352	0.0301
212	-0.1199	263	-0.1889	353	0.0301
213	-1.0709	264	-0.0989	354	0.0291
214	-0.8829	265	0.0691	355	0.0301
215	-0.7749	266	0.0991		
216	-0.5469	267	-0.2139		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 598
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 22.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.794
TUNNEL DYNAMIC PRESSURE(PSF) = 597.
TUNNEL STAGNATION PRESSURE(PSF) = 2048.
TUNNEL STATIC PRESSURE(PSF) = 1351.
REYNOLDS NUMBER PER FOOT = 3.9750E 06
MODEL ANGLE OF ATTACK(DEG) = -4.04
FIN ANGLE(DEG) = -0.59
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.4170
247	0.4150
347	0.4150
447	0.4150
547	0.3960
647	0.3960
747	0.3960

ORF	CP	ORF	CP	ORF	CP
1	-0.0420	52	-0.1720	102	-0.2280
2	-0.1870	53	-0.3590	103	-0.5280
3	-0.1620	54	-0.2950	104	-0.5190
4	-0.1040	55	0.1360	105	-0.3470
5	-0.0750	56	0.0870	110	-0.1370
6	-0.0660	57	0.0600	111	-0.1590
7	-0.0610	58	0.0230	112	-0.1160
8	-0.0630	59	-0.0110	113	-0.1550
9	-0.0660	60	-0.0430	114	-0.1720
10	-0.0750	61	-0.0830	115	-0.1600
11	-0.0830	62	-0.1350	116	-0.0980
12	-0.0990	63	-0.2310	117	-0.0290
13	-0.1320	64	-0.4580	118	-0.0080
14	-0.2260	65	-0.4150	119	-0.0540
15	-0.2310	66	0.1390	120	-0.0070
16	-0.0540	67	0.0740	121	-0.0090
17	-0.0560	68	0.0320	122	-0.0320
18	-0.0490	69	-0.0040	123	-0.1710
19	-0.0520	70	-0.0520	124	-0.0800
20	-0.0550	71	-0.1030	125	-0.0750
21	-0.0520	72	-0.1720	126	-0.0470
22	-0.0560	73	-0.3010	127	-0.0640
23	-0.0650	74	-0.3970	128	-0.1670
24	-0.0700	75	0.1200	129	-0.1110
25	-0.0890	76	0.0560	135	-0.0180
26	-0.1120	77	-0.0040	136	-0.0210
27	-0.1490	78	-0.0610	137	-0.0290
28	-0.2400	79	-0.1240	138	0.0610
29	-0.2340	80	-0.2090	139	0.0550
30	0.0300	81	-0.3850	140	0.0590
32	0.0040	82	-0.3670	141	0.0700
33	-0.0170	83	0.0960	142	0.0660
34	-0.0230	84	0.0200	143	0.0720
35	-0.0300	85	-0.0610	145	-0.0270
36	-0.0420	86	-0.1300	147	0.0690
37	-0.0600	87	-0.1990	151	-0.0640
38	-0.0800	88	-0.3120	152	-0.1690
39	-0.1020	89	-0.3190	153	-0.2210
40	-0.1530	90	-0.0170	154	-0.2400
41	-0.2440	91	-0.1300	155	0.1170
42	-0.2490	92	-0.1870	156	0.0160
43	0.1150	93	-0.2280	157	-0.1120
44	0.0850	94	-0.3000	158	0.2590
45	0.0530	95	-0.2670	159	0.1370
46	0.0320	96	-0.3390	160	0.0930
47	0.0040	97	-0.3840	161	-0.0090
48	-0.0160	98	-0.1790	162	0.1840
49	-0.0410	99	-0.2240	163	0.1220
50	-0.0720	100	-0.3350	164	0.0590
51	-0.1110	101	-0.2600	165	-0.0820

ORF	CP	ORF	CP	ORF	CP
166	0.1670	217	-0.2900	268	-0.1590
167	0.1200	218	-0.2380	269	0.0600
168	0.0600	219	-0.2020	270	0.1340
169	-0.0570	220	-0.2170	271	-0.2640
170	0.1430	221	-0.4980	272	-0.2370
171	0.0710	222	-0.3910	273	0.0760
172	-0.1030	223	-0.0780	274	0.1070
173	-0.0010	224	-0.0700	275	0.1430
174	-0.0830	225	0.1070	276	0.1110
175	-0.1760	226	-0.0680	277	-0.0260
176	-0.2530	227	-0.8640	278	-0.5600
177	-0.2430	228	-0.7990	279	-0.5150
178	-0.3370	229	-0.7080	280	-0.4180
179	-0.2200	230	-0.5010	281	-0.2110
180	-0.2240	231	-0.2700	282	-0.1060
181	0.1950	232	-0.2180	283	-0.0980
182	0.3770	233	-0.1870	284	-0.0920
183	0.4120	234	-0.1850	285	-0.1320
184	0.5550	235	-0.3170	286	-0.2590
185	0.5980	236	-0.2550	287	-0.2800
186	0.6330	237	-0.0920	288	0.0410
187	0.7260	238	-0.0600	289	0.0830
188	0.8460	239	0.1650	290	0.0650
189	0.9560	240	0.0360	291	-0.5270
190	-0.1920	241	-0.7240	292	-0.0910
191	-0.1910	242	-0.7120	325	0.0120
192	-0.2100	244	-0.4730	326	0.0120
193	-0.2080	245	-0.2410	327	0.0100
194	-0.1950	246	-0.1710	328	0.0120
195	-0.1920	247	-0.1460	329	0.0120
196	-0.2210	248	-0.1290	330	0.0110
197	-0.2080	249	-0.1130	331	0.0120
198	-0.1950	250	-0.0020	332	0.0120
199	-0.2020	251	-0.2110	333	0.0130
200	-0.1950	252	-0.1140	334	0.0120
201	-0.1860	253	0.0830	335	0.0110
202	-0.1950	254	-0.0610	336	0.0170
203	-0.1930	255	-0.5970	337	0.0130
204	-0.1880	256	-0.5590	338	0.0110
205	0.0810	257	-0.4840	339	0.0100
206	0.0980	258	-0.2980	340	0.0130
207	0.1030	259	-0.1650	341	0.0120
208	0.1010	260	-0.1290	350	-0.0500
210	0.1760	261	-0.1180	351	0.0020
211	0.0930	262	-0.1190	352	0.0000
212	-0.0800	263	-0.2040	353	-0.0010
213	-0.9620	264	-0.1270	354	0.0000
214	-0.8050	265	0.0530	355	-0.0020
215	-0.7240	266	0.0860		
216	-0.4770	267	-0.2310		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 599
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 22.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.799
TUNNEL DYNAMIC PRESSURE(PSF) = 601.
TUNNEL STAGNATION PRESSURE(PSF) = 2047.
TUNNEL STATIC PRESSURE(PSF) = 1344.
REYNOLDS NUMBER PER FOOT = 3.9860E 06
MODEL ANGLE OF ATTACK(DEG) = -1.90
FIN ANGLE(DEG) = -0.40
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.4227
247	0.4217
347	0.4227
447	0.4237
547	0.4267
647	0.4267
747	0.4267

ORF	CP	ORF	CP	ORF	CP
1	-0.0333	52	-0.1653	102	-0.1863
2	-0.2633	53	-0.3553	103	-0.4973
3	-0.2433	54	-0.2763	104	-0.4773
4	-0.1383	55	0.1087	105	-0.3093
5	-0.0833	56	0.0737	110	-0.0913
6	-0.0673	57	0.0447	111	-0.1073
7	-0.0553	58	0.0207	112	-0.0803
8	-0.0493	59	-0.0083	113	-0.1073
9	-0.0493	60	-0.0463	114	-0.1263
10	-0.0573	61	-0.0793	115	-0.1223
11	-0.0593	62	-0.1303	116	-0.0563
12	-0.0773	63	-0.2233	117	0.0077
13	-0.1013	64	-0.4593	118	0.0287
14	-0.2093	65	-0.4013	119	-0.0153
15	-0.2053	66	0.1027	120	0.0287
16	-0.0653	67	0.0497	121	0.0277
17	-0.0653	68	0.0157	122	0.0077
18	-0.0533	69	-0.0173	123	-0.1113
19	-0.0463	70	-0.0523	124	-0.0353
20	-0.0393	71	-0.0963	125	-0.0283
21	-0.0363	72	-0.1623	126	-0.0033
22	-0.0343	73	-0.2923	127	-0.0203
23	-0.0413	74	-0.3863	128	-0.1243
24	-0.0513	75	0.0887	129	-0.0623
25	-0.0573	76	0.0317	135	0.0187
26	-0.0833	77	-0.0113	136	0.0147
27	-0.1273	78	-0.0643	137	0.0157
28	-0.2203	79	-0.1303	138	0.0977
29	-0.2173	80	-0.1993	139	0.1007
30	0.0217	81	-0.3643	140	0.0927
32	-0.0003	82	-0.3423	141	0.1027
33	-0.0043	83	0.0477	142	0.1007
34	-0.0143	84	-0.0133	143	0.1007
35	-0.0213	85	-0.0823	145	0.0127
36	-0.0353	86	-0.1323	147	0.0997
37	-0.0423	87	-0.1883	151	-0.0523
38	-0.0573	88	-0.3133	152	-0.1663
39	-0.0893	89	-0.3193	153	-0.2193
40	-0.1283	90	-0.0423	154	-0.2383
41	-0.2233	91	-0.1213	155	0.1327
42	-0.2213	92	-0.1583	156	0.0537
43	0.0797	93	-0.2013	157	-0.0853
44	0.0527	94	-0.2763	158	0.3447
45	0.0257	95	-0.2493	159	0.1997
46	0.0147	96	-0.3273	160	0.1427
47	-0.0003	97	-0.3913	161	0.0207
48	-0.0263	98	-0.0923	162	0.2587
49	-0.0483	99	-0.1323	163	0.2097
50	-0.0683	100	-0.3353	164	0.0927
51	-0.1043	101	-0.2163	165	-0.0343

ORF	CP	ORF	CP	ORF	CP
166	0.2877	217	-0.1823	268	-0.1163
167	0.2167	218	-0.1323	269	0.1327
168	0.1717	219	-0.1133	270	0.2077
169	0.0217	220	-0.1403	271	-0.2003
170	0.2157	221	-0.4873	272	-0.2033
171	0.1427	222	-0.3353	273	0.1227
172	-0.0623	223	-0.0793	274	0.1697
173	0.0327	224	-0.0543	275	0.2467
174	-0.0493	225	0.1827	276	0.1877
175	-0.1853	226	0.0057	277	0.0397
176	-0.2463	227	-0.7553	278	-0.6263
177	-0.2443	228	-0.7053	279	-0.6023
178	-0.3783	229	-0.6213	280	-0.5093
179	-0.2673	230	-0.4053	281	-0.2703
180	-0.2113	231	-0.1733	282	-0.0783
181	0.2757	232	-0.1213	283	-0.0583
182	0.4087	233	-0.0983	284	-0.0483
183	0.4497	234	-0.1133	285	-0.0843
184	0.5997	235	-0.2473	286	-0.2093
185	0.6427	236	-0.1793	287	-0.2563
186	0.6777	237	-0.0283	288	0.0787
187	0.7057	238	0.0187	289	0.1677
188	0.7887	239	0.2197	290	0.1307
189	0.8527	240	0.0887	291	-0.4753
190	-0.1783	241	-0.6293	292	-0.0503
191	-0.1763	242	-0.6213	325	0.0317
192	-0.1843	244	-0.3923	326	0.0317
193	-0.1873	245	-0.1553	327	0.0287
194	-0.1753	246	-0.1043	328	0.0287
195	-0.1773	247	-0.0793	329	0.0307
196	-0.2013	248	-0.0663	330	0.0297
197	-0.1843	249	-0.0623	331	0.0317
198	-0.1853	250	0.0347	332	0.0287
199	-0.1873	251	-0.1693	333	0.0297
200	-0.1803	252	-0.0713	334	0.0297
201	-0.1743	253	0.1397	335	0.0307
202	-0.1823	254	-0.0043	336	0.0277
203	-0.1723	255	-0.5783	337	0.0317
204	-0.1693	256	-0.5413	338	0.0307
205	0.1507	257	-0.4863	339	0.0277
206	0.1757	258	-0.3013	340	0.0287
207	0.1777	259	-0.1153	341	0.0307
208	0.1737	260	-0.0813	350	-0.0063
210	0.2457	261	-0.0673	351	0.0337
211	0.2127	262	-0.0623	352	0.0347
212	0.0247	263	-0.1633	353	0.0347
213	-0.8473	264	-0.0813	354	0.0327
214	-0.7193	265	0.1187	355	0.0347
215	-0.6423	266	0.1627		
216	-0.3673	267	-0.1723		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 600
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 22.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.799
TUNNEL DYNAMIC PRESSURE(PSF) = 601.
TUNNEL STAGNATION PRESSURE(PSF) = 2048.
TUNNEL STATIC PRESSURE(PSF) = 1345.
REYNOLDS NUMBER PER FOOT = 3.9860E 06
MODEL ANGLE OF ATTACK(DEG) = 0.09
FIN ANGLE(DEG) = -0.22
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.4231
247	0.4221
347	0.4231
447	0.4241
547	0.4261
647	0.4251
747	0.4251

ORF	CP	ORF	CP	ORF	CP
1	-0.0089	52	-0.1749	102	-0.1639
2	-0.3399	53	-0.3809	103	-0.4789
3	-0.3489	54	-0.2759	104	-0.4759
4	-0.2169	55	0.0591	105	-0.2939
5	-0.1259	56	0.0291	110	-0.0909
6	-0.0809	57	0.0151	111	-0.1039
7	-0.0599	58	-0.0119	112	-0.0769
8	-0.0479	59	-0.0349	113	-0.1109
9	-0.0519	60	-0.0609	114	-0.1119
10	-0.0509	61	-0.1009	115	-0.1199
11	-0.0549	62	-0.1459	116	-0.0549
12	-0.0699	63	-0.2359	117	0.0061
13	-0.0989	64	-0.4889	118	0.0271
14	-0.2129	65	-0.4139	119	-0.0149
15	-0.1929	66	0.0411	120	0.0191
16	-0.1289	67	0.0131	121	0.0211
17	-0.1359	68	-0.0109	122	-0.0019
18	-0.0989	69	-0.0449	123	-0.1089
19	-0.0689	70	-0.0779	124	-0.0249
20	-0.0529	71	-0.1189	125	-0.0159
21	-0.0419	72	-0.1869	126	0.0051
22	-0.0349	73	-0.3169	127	-0.0139
23	-0.0449	74	-0.3919	128	-0.1139
24	-0.0479	75	0.0281	129	-0.0499
25	-0.0579	76	-0.0079	135	0.0131
26	-0.0779	77	-0.0549	136	0.0161
27	-0.1239	78	-0.0939	137	0.0161
28	-0.2409	79	-0.1539	138	0.0971
29	-0.2069	80	-0.2219	139	0.0921
30	-0.0299	81	-0.3969	140	0.0941
32	-0.0299	82	-0.3379	141	0.1071
33	-0.0289	83	0.0051	142	0.1021
34	-0.0269	84	-0.0539	143	0.1001
35	-0.0299	85	-0.0989	145	0.0161
36	-0.0399	86	-0.1469	147	0.1091
37	-0.0439	87	-0.2059	151	0.0041
38	-0.0599	88	-0.3259	152	-0.1739
39	-0.0869	89	-0.3099	153	-0.1909
40	-0.1339	90	-0.0719	154	-0.2489
41	-0.2419	91	-0.1069	155	0.1121
42	-0.2229	92	-0.1399	156	0.1281
43	0.0381	93	-0.1829	157	-0.0479
44	0.0181	94	-0.2709	158	0.3611
45	0.0041	95	-0.2509	159	0.2841
46	-0.0059	96	-0.3289	160	0.2131
47	-0.0189	97	-0.4349	161	0.0731
48	-0.0339	98	-0.0099	162	0.3361
49	-0.0529	99	-0.0609	163	0.3101
50	-0.0739	100	-0.3119	164	0.0961
51	-0.1209	101	-0.1859	165	0.0131

ORF	CP	ORF	CP	ORF	CP
166	0.3991	217	-0.1049	268	-0.1139
167	0.3051	218	-0.0709	269	0.1551
168	0.2351	219	-0.0649	270	0.2231
169	0.0791	220	-0.1079	271	-0.1779
170	0.2801	221	-0.4929	272	-0.1989
171	0.1791	222	-0.3479	273	0.0991
172	-0.0489	223	-0.0529	274	0.1781
173	0.0311	224	-0.0429	275	0.3031
174	-0.0479	225	0.1931	276	0.2711
175	-0.2199	226	0.0191	277	0.0791
176	-0.2439	227	-0.6499	278	-0.7499
177	-0.2009	228	-0.5999	279	-0.7319
178	-0.3779	229	-0.5219	280	-0.6439
179	-0.3409	230	-0.3229	281	-0.3939
180	-0.2069	231	-0.1259	282	-0.1369
181	0.3031	232	-0.0879	283	-0.0669
182	0.4441	233	-0.0699	284	-0.0439
183	0.4341	234	-0.0859	285	-0.0779
184	0.6061	235	-0.2379	286	-0.1879
185	0.6531	236	-0.1809	287	-0.2479
186	0.7251	237	-0.0269	288	0.0631
187	0.7751	238	0.0081	289	0.2001
188	0.8361	239	0.2141	290	0.1771
189	0.8841	240	0.0721	291	-0.5059
190	-0.1849	241	-0.6169	292	-0.0439
191	-0.1819	242	-0.5919	325	0.0191
192	-0.1879	244	-0.3199	326	0.0201
193	-0.1919	245	-0.1309	327	0.0191
194	-0.1809	246	-0.0869	328	0.0201
195	-0.1799	247	-0.0679	329	0.0201
196	-0.1999	248	-0.0569	330	0.0211
197	-0.1859	249	-0.0499	331	0.0201
198	-0.1869	250	0.0261	332	0.0181
199	-0.1899	251	-0.1639	333	0.0191
200	-0.1869	252	-0.0499	334	0.0211
201	-0.1759	253	0.2081	335	0.0211
202	-0.1779	254	0.0421	336	0.0221
203	-0.1749	255	-0.6789	337	0.0191
204	-0.1709	256	-0.6549	338	0.0191
205	0.1891	257	-0.6079	339	0.0181
206	0.2171	258	-0.4309	340	0.0201
207	0.2191	259	-0.1399	341	0.0191
208	0.2191	260	-0.0739	350	-0.0019
210	0.2671	261	-0.0479	351	0.0271
211	0.2371	262	-0.0339	352	0.0241
212	0.0571	263	-0.1589	353	0.0231
213	-0.7559	264	-0.0659	354	0.0251
214	-0.6139	265	0.1741	355	0.0261
215	-0.5159	266	0.2061		
216	-0.2609	267	-0.1719		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 601
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 22.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.804
TUNNEL DYNAMIC PRESSURE(PSF) = 605.
TUNNEL STAGNATION PRESSURE(PSF) = 2048.
TUNNEL STATIC PRESSURE(PSF) = 1338.
REYNOLDS NUMBER PER FOOT = 3.9990E 06
MODEL ANGLE OF ATTACK(DEG) = 2.07
FIN ANGLE(DEG) = -0.26
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.4304
247	0.4274
347	0.4294
447	0.4294
547	0.4404
647	0.4384
747	0.4384

ORF	CP	ORF	CP	ORF	CP
1	-0.0246	52	-0.1906	102	-0.1556
2	-0.3896	53	-0.3836	103	-0.4946
3	-0.4116	54	-0.2726	104	-0.4726
4	-0.2776	55	-0.0266	105	-0.3026
5	-0.1826	56	-0.0336	110	-0.0836
6	-0.1146	57	-0.0346	111	-0.1036
7	-0.0876	58	-0.0486	112	-0.0616
8	-0.0716	59	-0.0646	113	-0.0976
9	-0.0626	60	-0.0896	114	-0.1006
10	-0.0616	61	-0.1146	115	-0.1136
11	-0.0666	62	-0.1636	116	-0.0546
12	-0.0746	63	-0.2496	117	0.0164
13	-0.0986	64	-0.4986	118	0.0404
14	-0.2056	65	-0.4266	119	-0.0006
15	-0.1876	66	-0.0376	120	0.0284
16	-0.1916	67	-0.0446	121	0.0274
17	-0.2016	68	-0.0576	122	0.0104
18	-0.1566	69	-0.0776	123	-0.0996
19	-0.1186	70	-0.1066	124	-0.0206
20	-0.0916	71	-0.1386	125	-0.0136
21	-0.0696	72	-0.2016	126	0.0054
22	-0.0616	73	-0.3306	127	-0.0076
23	-0.0586	74	-0.3866	128	-0.1086
24	-0.0586	75	-0.0606	129	-0.0366
25	-0.0636	76	-0.0626	135	0.0214
26	-0.0836	77	-0.0956	136	0.0204
27	-0.1266	78	-0.1226	137	0.0214
28	-0.2256	79	-0.1686	138	0.1054
29	-0.2016	80	-0.2326	139	0.1044
30	-0.1036	81	-0.3966	140	0.1014
32	-0.0766	82	-0.3366	141	0.1174
33	-0.0616	83	-0.0666	142	0.1114
34	-0.0496	84	-0.1016	143	0.1154
35	-0.0536	85	-0.1276	145	0.0194
36	-0.0526	86	-0.1636	147	0.1154
37	-0.0576	87	-0.2166	151	0.0524
38	-0.0706	88	-0.3276	152	-0.1486
39	-0.0906	89	-0.3196	153	-0.1676
40	-0.1386	90	-0.1016	154	-0.2286
41	-0.2396	91	-0.1176	155	0.1104
42	-0.2026	92	-0.1526	156	0.1394
43	-0.0466	93	-0.1926	157	-0.0446
44	-0.0456	94	-0.2756	158	0.3234
45	-0.0446	95	-0.2626	159	0.2684
46	-0.0436	96	-0.2426	160	0.1994
47	-0.0516	97	-0.4006	161	0.0544
48	-0.0526	98	0.0464	162	0.3264
49	-0.0746	99	-0.0186	163	0.2734
50	-0.0946	100	-0.3296	164	0.1044
51	-0.1306	101	-0.1836	165	0.0044

ORF	CP	ORF	CP	ORF	CP
166	0.4484	217	-0.0366	268	-0.0906
167	0.2904	218	-0.0206	269	0.1724
168	0.2384	219	-0.0266	270	0.2314
169	0.0804	220	-0.0806	271	-0.1596
170	0.3314	221	-0.4636	272	-0.1796
171	0.1614	222	-0.3116	273	0.1694
172	-0.0476	223	-0.0576	274	0.2314
173	0.0374	224	-0.0306	275	0.3444
174	-0.0346	225	0.2324	276	0.2794
175	-0.2096	226	0.0744	277	0.0764
176	-0.2256	227	-0.5626	278	-0.8036
177	-0.1566	228	-0.5446	279	-0.7826
178	-0.3056	229	-0.4946	280	-0.6976
179	-0.2516	230	-0.2946	281	-0.4856
180	-0.1946	231	-0.0816	282	-0.1816
181	0.2434	232	-0.0406	283	-0.0936
182	0.3614	233	-0.0296	284	-0.0456
183	0.3464	234	-0.0616	285	-0.0686
184	0.5124	235	-0.2096	286	-0.1666
185	0.6004	236	-0.1646	287	-0.2216
186	0.6554	237	-0.0136	288	0.1324
187	0.7374	238	0.0304	289	0.2204
188	0.8104	239	0.2514	290	0.2064
189	0.8404	240	0.1174	291	-0.5986
190	-0.1726	241	-0.7046	292	-0.0536
191	-0.1796	242	-0.6636	325	0.0234
192	-0.1836	244	-0.3486	326	0.0244
193	-0.1916	245	-0.1386	327	0.0264
194	-0.1806	246	-0.0796	328	0.0284
195	-0.1766	247	-0.0496	329	0.0234
196	-0.2006	248	-0.0266	330	0.0214
197	-0.1836	249	-0.0176	331	0.0254
198	-0.1876	250	0.0354	332	0.0254
199	-0.1796	251	-0.1496	333	0.0294
200	-0.1796	252	-0.0156	334	0.0234
201	-0.1686	253	0.2564	335	0.0214
202	-0.1746	254	0.0884	336	0.0264
203	-0.1716	255	-0.7326	337	0.0234
204	-0.1706	256	-0.7136	338	0.0234
205	0.2374	257	-0.6736	339	0.0264
206	0.2694	258	-0.5286	340	0.0284
207	0.2654	259	-0.1946	341	0.0244
208	0.2734	260	-0.0836	350	-0.0036
210	0.2554	261	-0.0426	351	0.0324
211	0.2264	262	-0.0266	352	0.0334
212	0.0824	263	-0.1446	353	0.0364
213	-0.6036	264	-0.0376	354	0.0344
214	-0.3876	265	0.1904	355	0.0344
215	-0.2856	266	0.2144		
216	-0.1076	267	-0.1506		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 602
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 22.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.796
TUNNEL DYNAMIC PRESSURE(PSF) = 598.
TUNNEL STAGNATION PRESSURE(PSF) = 2048.
TUNNEL STATIC PRESSURE(PSF) = 1349.
REYNOLDS NUMBER PER FOOT = 3.9810E 06
MODEL ANGLE OF ATTACK(DEG) = 4.00
FIN ANGLE(DEG) = -0.37
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.4151
247	0.4151
347	0.4161
447	0.4171
547	0.4011
647	0.4011
747	0.4001

ORF	CP	ORF	CP	ORF	CP
1	-0.0939	52	-0.2009	102	-0.1659
2	-0.4369	53	-0.4029	103	-0.5129
3	-0.4609	54	-0.2759	104	-0.4859
4	-0.3279	55	-0.4159	105	-0.3169
5	-0.2279	56	-0.2049	110	-0.1289
6	-0.1669	57	-0.0869	111	-0.1419
7	-0.1319	58	-0.0799	112	-0.1009
8	-0.1079	59	-0.0939	113	-0.1399
9	-0.0979	60	-0.1109	114	-0.1259
10	-0.0909	61	-0.1399	115	-0.1479
11	-0.0919	62	-0.1859	116	-0.0969
12	-0.0979	63	-0.2659	117	-0.0289
13	-0.1229	64	-0.5009	118	-0.0029
14	-0.2169	65	-0.4339	119	-0.0509
15	-0.1989	66	-0.4199	120	-0.0139
16	-0.3049	67	-0.2639	121	-0.0129
17	-0.2749	68	-0.1139	122	-0.0369
18	-0.2209	69	-0.0999	123	-0.1549
19	-0.1759	70	-0.1229	124	-0.0649
20	-0.1419	71	-0.1569	125	-0.0519
21	-0.1169	72	-0.2169	126	-0.0559
22	-0.0979	73	-0.3419	127	-0.0579
23	-0.0929	74	-0.3859	128	-0.1589
24	-0.0909	75	-0.4519	129	-0.0819
25	-0.0969	76	-0.2659	135	-0.0169
26	-0.1119	77	-0.1419	136	-0.0299
27	-0.1439	78	-0.1429	137	-0.0169
28	-0.2389	79	-0.1759	138	0.0651
29	-0.2179	80	-0.2449	139	0.0621
30	-0.2819	81	-0.3919	140	0.0651
32	-0.1329	82	-0.3459	141	0.0861
33	-0.1099	83	-0.4059	142	0.0791
34	-0.0949	84	-0.2669	143	0.0851
35	-0.0879	85	-0.1619	145	-0.0349
36	-0.0839	86	-0.1629	147	0.0821
37	-0.0879	87	-0.2169	151	0.0541
38	-0.0959	88	-0.3239	152	-0.1429
39	-0.1179	89	-0.3229	153	-0.1809
40	-0.1589	90	-0.4399	154	-0.2279
41	-0.2569	91	-0.2609	155	0.1811
42	-0.2179	92	-0.1749	156	0.0951
43	-0.3919	93	-0.1959	157	-0.0759
44	-0.1299	94	-0.2669	158	0.2501
45	-0.0719	95	-0.2609	159	0.2171
46	-0.0669	96	-0.0979	160	0.1681
47	-0.0739	97	-0.4089	161	0.0261
48	-0.0789	98	0.1041	162	0.2931
49	-0.0989	99	0.0271	163	0.2511
50	-0.1099	100	-0.3199	164	0.0611
51	-0.1499	101	-0.2079	165	-0.0069

ORF	CP	ORF	CP	ORF	CP
166	0.4291	217	-0.0219	268	-0.1069
167	0.2891	218	-0.0059	269	0.1351
168	0.2361	219	-0.0109	270	0.1701
169	0.0841	220	-0.0659	271	-0.1959
170	0.3451	221	-0.4849	272	-0.1979
171	0.1711	222	-0.4169	273	0.1511
172	-0.0429	223	-0.0339	274	0.1851
173	0.0551	224	-0.0289	275	0.2961
174	-0.0329	225	0.2821	276	0.1931
175	-0.2039	226	0.1081	277	0.0021
176	-0.2409	227	-0.5789	278	-0.8419
177	-0.1639	228	-0.5759	279	-0.8229
178	-0.2759	229	-0.5259	280	-0.7519
179	-0.1419	230	-0.3459	281	-0.5339
180	-0.2049	231	-0.0919	282	-0.2449
181	0.1541	232	-0.0419	283	-0.1589
182	0.2661	233	-0.0279	284	-0.1039
183	0.2621	234	-0.0609	285	-0.1099
184	0.4051	235	-0.2389	286	-0.1979
185	0.4641	236	-0.2159	287	-0.2549
186	0.5341	237	-0.0369	288	0.1321
187	0.5991	238	0.0201	289	0.2091
188	0.6591	239	0.2091	290	0.1631
189	0.6881	240	0.0801	291	-0.7359
190	-0.1879	241	-0.7499	292	-0.1119
191	-0.1999	242	-0.6749	325	0.0051
192	-0.2039	244	-0.3289	326	0.0051
193	-0.2049	245	-0.1599	327	0.0081
194	-0.1939	246	-0.1069	328	0.0071
195	-0.1909	247	-0.0629	329	0.0081
196	-0.2139	248	-0.0459	330	0.0081
197	-0.2029	249	-0.0459	331	0.0051
198	-0.2009	250	-0.0069	332	0.0081
199	-0.2049	251	-0.1859	333	0.0071
200	-0.2039	252	-0.0519	334	0.0081
201	-0.1929	253	0.2141	335	0.0091
202	-0.1939	254	0.0371	336	0.0071
203	-0.1909	255	-0.7429	337	0.0061
204	-0.1959	256	-0.7399	338	0.0071
205	0.2271	257	-0.7089	339	0.0091
206	0.2731	258	-0.5899	340	0.0071
207	0.2651	259	-0.2789	341	0.0091
208	0.2781	260	-0.1439	350	-0.0559
210	0.1841	261	-0.0889	351	-0.0039
211	0.3051	262	-0.0649	352	-0.0029
212	0.1671	263	-0.1739	353	-0.0059
213	-0.6629	264	-0.0549	354	-0.0089
214	-0.3939	265	0.1401	355	-0.0069
215	-0.2449	266	0.1691		
216	-0.0899	267	-0.1899		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 603
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 22.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.798
TUNNEL DYNAMIC PRESSURE(PSF) = 601.
TUNNEL STAGNATION PRESSURE(PSF) = 2048.
TUNNEL STATIC PRESSURE(PSF) = 1346.
REYNOLDS NUMBER PER FOOT = 3.9870E 06
MODEL ANGLE OF ATTACK(DEG) = 6.01
FIN ANGLE(DEG) = -0.46
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.4214
247	0.4204
347	0.4214
447	0.4234
547	0.4124
647	0.4124
747	0.4124

ORF	CP	ORF	CP	ORF	CP
1	-0.2656	52	-0.1956	102	-0.1466
2	-0.5666	53	-0.4076	103	-0.4976
3	-0.5666	54	-0.2606	104	-0.4616
4	-0.4176	55	-0.5706	105	-0.2926
5	-0.2926	56	-0.5446	110	-0.1296
6	-0.2056	57	-0.4456	111	-0.1566
7	-0.1526	58	-0.2646	112	-0.1076
8	-0.1216	59	-0.1266	113	-0.1416
9	-0.1066	60	-0.0796	114	-0.1106
10	-0.0966	61	-0.0996	115	-0.1496
11	-0.0906	62	-0.1476	116	-0.1036
12	-0.0876	63	-0.2366	117	-0.0166
13	-0.1096	64	-0.4476	118	0.0084
14	-0.2096	65	-0.3896	119	-0.0346
15	-0.1936	66	-0.5236	120	-0.0026
16	-0.5496	67	-0.5306	121	-0.0026
17	-0.4106	68	-0.4696	122	-0.0366
18	-0.3156	69	-0.3556	123	-0.1496
19	-0.2556	70	-0.2446	124	-0.0646
20	-0.1936	71	-0.1786	125	-0.0496
21	-0.1526	72	-0.1896	126	-0.0296
22	-0.1236	73	-0.2906	127	-0.0326
23	-0.1086	74	-0.3416	128	-0.1516
24	-0.1016	75	-0.5206	129	-0.0606
25	-0.0996	76	-0.5276	135	-0.0146
26	-0.1096	77	-0.4836	136	-0.0216
27	-0.1426	78	-0.3746	137	-0.0196
28	-0.2376	79	-0.2836	138	0.0704
29	-0.2086	80	-0.2576	139	0.0674
30	-0.7906	81	-0.3086	140	0.0644
32	-0.1486	82	-0.3016	141	0.0874
33	-0.1316	83	-0.4596	142	0.0784
34	-0.1176	84	-0.5186	143	0.0874
35	-0.1096	85	-0.4686	145	-0.0246
36	-0.0966	86	-0.3736	147	0.0744
37	-0.1016	87	-0.2956	151	0.0644
38	-0.1076	88	-0.2876	152	-0.1186
39	-0.1226	89	-0.2786	153	-0.1926
40	-0.1596	90	-0.4406	154	-0.2526
41	-0.2526	91	-0.4226	155	0.2534
42	-0.2176	92	-0.4306	156	0.0844
43	-0.7156	93	-0.4006	157	-0.0736
44	-0.6386	94	-0.3606	158	0.3014
45	-0.1826	95	-0.2766	159	0.2554
46	-0.0086	96	-0.0336	160	0.2064
47	-0.0356	97	-0.4086	161	0.0534
48	-0.0636	98	0.1734	162	0.3524
49	-0.0846	99	0.0944	163	0.3064
50	-0.0996	100	-0.2766	164	0.0714
51	-0.1416	101	-0.1966	165	0.0254

ORF	CP	ORF	CP	ORF	CP
166	0.5164	217	0.0434	268	-0.0696
167	0.3414	218	0.0494	269	0.1704
168	0.2854	219	0.0374	270	0.1904
169	0.1164	220	-0.0296	271	-0.1856
170	0.3564	221	-0.4756	272	-0.1766
171	0.2334	222	-0.3816	273	0.1874
172	-0.0226	223	-0.0386	274	0.2154
173	0.1004	224	-0.0146	275	0.3504
174	0.0054	225	0.2974	276	0.1714
175	-0.1746	226	0.1214	277	-0.0076
176	-0.2506	227	-0.5466	278	-0.9746
177	-0.1696	228	-0.5366	279	-0.9276
178	-0.1816	229	-0.4936	280	-0.8426
179	-0.0366	230	-0.3036	281	-0.6436
180	-0.2186	231	-0.0636	282	-0.3526
181	0.1394	232	-0.0056	283	-0.2016
182	0.2394	233	0.0024	284	-0.0986
183	0.1694	234	-0.0306	285	-0.1026
184	0.3094	235	-0.2146	286	-0.1876
185	0.3704	236	-0.2086	287	-0.2326
186	0.4304	237	-0.0216	288	0.1794
187	0.4754	238	0.0364	289	0.2804
188	0.5334	239	0.2104	290	0.1854
189	0.5574	240	0.0774	291	-0.7636
190	-0.1936	241	-0.7656	292	-0.1036
191	-0.2006	242	-0.7056	325	0.0084
192	-0.2056	244	-0.3776	326	0.0064
193	-0.2056	245	-0.1736	327	0.0014
194	-0.2026	246	-0.0966	328	0.0044
195	-0.1906	247	-0.0496	329	0.0084
196	-0.2036	248	-0.0296	330	0.0064
197	-0.1996	249	-0.0176	331	0.0074
198	-0.1996	250	0.0004	332	0.0014
199	-0.2026	251	-0.1746	333	0.0044
200	-0.2066	252	-0.0196	334	0.0084
201	-0.1976	253	0.1844	335	0.0074
202	-0.1986	254	0.0014	336	0.0064
203	-0.2016	255	-0.7766	337	0.0094
204	-0.1966	256	-0.7826	338	0.0064
205	0.2604	257	-0.7526	339	0.0014
206	0.3304	258	-0.6336	340	0.0044
207	0.3134	259	-0.3446	341	0.0084
208	0.3254	260	-0.1816	350	-0.0256
210	0.1824	261	-0.0896	351	0.0004
211	0.3024	262	-0.0566	352	-0.0006
212	0.1604	263	-0.1396	353	0.0024
213	-0.5096	264	-0.0156	354	0.0014
214	-0.2616	265	0.1624	355	0.0034
215	-0.1516	266	0.1884		
216	-0.0126	267	-0.1656		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 604
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 22.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.795
TUNNEL DYNAMIC PRESSURE(PSF) = 597.
TUNNEL STAGNATION PRESSURE(PSF) = 2048.
TUNNEL STATIC PRESSURE(PSF) = 1351.
REYNOLDS NUMBER PER FOOT = 3.9790E 06
MODEL ANGLE OF ATTACK(DEG) = 7.92
FIN ANGLE(DEG) = -0.44
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.4150
247	0.4120
347	0.4130
447	0.4120
547	0.4030
647	0.4030
747	0.4040

ORF	CP	ORF	CP	ORF	CP
1	-0.4410	52	-0.1790	102	-0.1410
2	-0.6890	53	-0.3850	103	-0.5100
3	-0.6730	54	-0.2550	104	-0.4690
4	-0.5150	55	-0.6960	105	-0.3050
5	-0.3780	56	-0.7160	110	-0.1560
6	-0.2730	57	-0.6800	111	-0.1770
7	-0.2040	58	-0.6270	112	-0.1280
8	-0.1570	59	-0.4490	113	-0.1650
9	-0.1280	60	-0.2400	114	-0.1110
10	-0.1090	61	-0.0850	115	-0.1710
11	-0.0910	62	-0.0870	116	-0.1370
12	-0.0960	63	-0.1590	117	-0.0340
13	-0.1160	64	-0.3810	118	-0.0100
14	-0.2100	65	-0.3550	119	-0.0580
15	-0.1930	66	-0.6170	120	-0.0240
16	-0.7370	67	-0.6270	121	-0.0240
17	-0.5970	68	-0.6250	122	-0.0440
18	-0.4800	69	-0.5850	123	-0.1780
19	-0.3870	70	-0.5140	124	-0.0840
20	-0.2970	71	-0.4150	125	-0.0660
21	-0.2190	72	-0.3630	126	-0.0520
22	-0.1690	73	-0.3320	127	-0.0570
23	-0.1400	74	-0.3280	128	-0.1790
24	-0.1150	75	-0.5900	129	-0.0810
25	-0.1070	76	-0.5970	135	-0.0320
26	-0.1090	77	-0.6010	136	-0.0390
27	-0.1440	78	-0.5630	137	-0.0370
28	-0.2360	79	-0.5140	138	0.0520
29	-0.2000	80	-0.4410	139	0.0470
30	-1.0660	81	-0.3920	140	0.0460
32	-0.1860	82	-0.3260	141	0.0770
33	-0.1740	83	-0.4890	142	0.0570
34	-0.1670	84	-0.5540	143	0.0830
35	-0.1450	85	-0.5450	145	-0.0350
36	-0.1300	86	-0.5200	147	0.0540
37	-0.1210	87	-0.4700	151	0.0800
38	-0.1230	88	-0.4030	152	-0.1220
39	-0.1360	89	-0.3170	153	-0.2130
40	-0.1720	90	-0.4360	154	-0.2800
41	-0.2490	91	-0.3980	155	0.2760
42	-0.2040	92	-0.3740	156	0.0840
43	-0.9320	93	-0.3550	157	-0.0820
44	-0.9730	94	-0.3360	158	0.2930
45	-0.7080	95	-0.2690	159	0.2690
46	-0.0590	96	0.0060	160	0.1950
47	0.0160	97	-0.3750	161	0.0460
48	-0.0310	98	0.2300	162	0.3850
49	-0.0710	99	0.1420	163	0.3200
50	-0.0940	100	-0.2450	164	0.0470
51	-0.1280	101	-0.1940	165	0.0140

ORF	CP	ORF	CP	ORF	CP
166	0.5670	217	0.0920	268	-0.0520
167	0.3640	218	0.0950	269	0.1700
168	0.3020	219	0.0740	270	0.1920
169	0.1170	220	0.0070	271	-0.1880
170	0.3740	221	-0.4690	272	-0.1550
171	0.2680	222	-0.4010	273	0.1740
172	-0.0170	223	-0.0390	274	0.2100
173	0.1120	224	-0.0030	275	0.3930
174	0.0070	225	0.3580	276	0.1510
175	-0.1870	226	0.1480	277	-0.0120
176	-0.2660	227	-0.6010	278	-1.0520
177	-0.1730	228	-0.5600	279	-0.9790
178	-0.1730	229	-0.5260	280	-0.9210
179	-0.0160	230	-0.3210	281	-0.7850
180	-0.2340	231	-0.0630	282	-0.4930
181	0.1550	232	0.0050	283	-0.2960
182	0.2650	233	0.0250	284	-0.1300
183	0.0740	234	-0.0130	285	-0.1070
184	0.1720	235	-0.2140	286	-0.1960
185	0.2540	236	-0.2230	287	-0.2230
186	0.3180	237	-0.0250	288	0.1780
187	0.3700	238	0.0390	289	0.3010
188	0.4390	239	0.2100	290	0.1890
189	0.4820	240	0.0860	291	-0.8400
190	-0.2070	241	-0.8360	292	-0.1390
191	-0.2160	242	-0.7860	325	-0.0050
192	-0.2230	244	-0.4940	326	-0.0050
193	-0.2360	245	-0.2330	327	-0.0080
194	-0.2140	246	-0.1150	328	-0.0070
195	-0.2200	247	-0.0480	329	-0.0050
196	-0.2280	248	-0.0160	330	-0.0060
197	-0.2210	249	-0.0070	331	-0.0050
198	-0.2230	250	-0.0170	332	-0.0060
199	-0.2230	251	-0.1930	333	-0.0060
200	-0.2250	252	-0.0100	334	-0.0050
201	-0.2160	253	0.1640	335	-0.0060
202	-0.2200	254	-0.0110	336	-0.0070
203	-0.2110	255	-0.8760	337	-0.0060
204	-0.2130	256	-0.8570	338	-0.0060
205	0.2820	257	-0.8360	339	-0.0090
206	0.3690	258	-0.7560	340	-0.0080
207	0.3390	259	-0.4850	341	-0.0070
208	0.3550	260	-0.2830	350	-0.0460
210	0.1530	261	-0.1140	351	-0.0130
211	0.4070	262	-0.0660	352	-0.0130
212	0.2540	263	-0.1410	353	-0.0120
213	-0.5760	264	-0.0040	354	-0.0160
214	-0.2590	265	0.1680	355	-0.0150
215	-0.1320	266	0.1950		
216	0.0370	267	-0.1770		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 605
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 22.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.810
TUNNEL DYNAMIC PRESSURE(PSF) = 612.
TUNNEL STAGNATION PRESSURE(PSF) = 2050.
TUNNEL STATIC PRESSURE(PSF) = 1331.
REYNOLDS NUMBER PER FOOT = 4.0160E 06
MODEL ANGLE OF ATTACK(DEG) = 11.99
FIN ANGLE(DEG) = -0.44
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.4382
247	0.4372
347	0.4382
447	0.4392
547	0.4712
647	0.4712
747	0.4712

ORF	CP	ORF	CP	ORF	CP
1	-0.5948	52	-0.1078	102	-0.1188
2	-0.7848	53	-0.2958	103	-0.5678
3	-0.7058	54	-0.1928	104	-0.4808
4	-0.6298	55	-0.8678	105	-0.3438
5	-0.5198	56	-0.9268	110	-0.1448
6	-0.4198	57	-1.0018	111	-0.1688
7	-0.3308	58	-1.0308	112	-0.1148
8	-0.2548	59	-0.9938	113	-0.1438
9	-0.2018	60	-0.7948	114	-0.0548
10	-0.1608	61	-0.4218	115	-0.1458
11	-0.1248	62	-0.1288	116	-0.1248
12	-0.1098	63	-0.0438	117	-0.0138
13	-0.1118	64	-0.1978	118	-0.0038
14	-0.1648	65	-0.2468	119	-0.0368
15	-0.1668	66	-0.7368	120	0.0252
16	-0.8948	67	-0.7618	121	0.0252
17	-0.9388	68	-0.7848	122	0.0022
18	-0.8898	69	-0.8128	123	-0.1668
19	-0.6578	70	-0.7808	124	-0.0528
20	-0.4158	71	-0.7318	125	-0.0338
21	-0.2488	72	-0.6558	126	-0.0188
22	-0.1528	73	-0.5688	127	-0.0268
23	-0.1188	74	-0.4548	128	-0.1508
24	-0.0998	75	-0.6098	129	-0.0498
25	-0.0888	76	-0.6298	135	0.0062
26	-0.0828	77	-0.6078	136	0.0032
27	-0.1038	78	-0.5978	137	0.0082
28	-0.2018	79	-0.5638	138	0.1042
29	-0.1728	80	-0.5128	139	0.0952
30	-1.2118	81	-0.4528	140	0.0912
32	-0.7798	82	-0.3758	141	0.1472
33	-0.3768	83	-0.4788	142	0.1212
34	-0.2278	84	-0.5188	143	0.1802
35	-0.1828	85	-0.4868	145	-0.0028
36	-0.1508	86	-0.4478	147	0.1102
37	-0.1228	87	-0.4118	151	0.1022
38	-0.1038	88	-0.3738	152	-0.0898
39	-0.1028	89	-0.3358	153	-0.2168
40	-0.1188	90	-0.3798	154	-0.2738
41	-0.1968	91	-0.3528	155	0.2572
42	-0.1548	92	-0.3368	156	0.0402
43	-1.1118	93	-0.3158	157	-0.1048
44	-1.2728	94	-0.3068	158	0.3032
45	-1.3798	95	-0.2838	159	0.2452
46	-1.1968	96	0.1602	160	0.1592
47	-0.2158	97	-0.2918	161	0.0102
48	0.0282	98	0.3512	162	0.4102
49	0.0142	99	0.2682	163	0.3182
50	-0.0178	100	-0.1878	164	0.0942
51	-0.0648	101	-0.1828	165	0.0172

ORF	CP	ORF	CP	ORF	CP
166	0.6252	217	0.2782	268	0.0692
167	0.3762	218	0.2692	269	0.2222
168	0.3212	219	0.2342	270	0.2362
169	0.1332	220	0.1552	271	-0.1278
170	0.4262	221	-0.4568	272	0.0302
171	0.2952	222	-0.4128	273	0.2112
172	0.0052	223	0.0312	274	0.2602
173	0.1542	224	0.1022	275	0.4982
174	0.0472	225	0.5462	276	0.1252
175	-0.1478	226	0.3062	277	-0.0278
176	-0.2568	227	-0.4508	278	-0.9838
177	-0.1018	228	-0.4508	279	-0.9238
178	-0.0028	229	-0.4448	280	-0.8798
179	0.0702	230	-0.3308	281	-0.7858
180	-0.2238	231	-0.0108	282	-0.5618
181	0.1492	232	0.0922	283	-0.3558
182	0.2492	233	0.1322	284	-0.1218
183	0.0302	234	0.1132	285	-0.0498
184	0.1072	235	-0.1178	286	-0.1458
185	0.1562	236	-0.1738	287	0.0092
186	0.2272	237	0.0732	288	0.2332
187	0.2512	238	0.1582	289	0.4212
188	0.3182	239	0.2802	290	0.2402
189	0.3582	240	0.1382	291	-1.4718
190	-0.2118	241	-0.7638	292	-0.1178
191	-0.2218	242	-0.7448	325	0.0082
192	-0.2108	244	-0.5578	326	0.0092
193	-0.2208	245	-0.2918	327	0.0082
194	-0.2158	246	-0.1148	328	0.0072
195	-0.2208	247	0.0142	329	0.0072
196	-0.2358	248	0.0612	330	0.0052
197	-0.2138	249	0.0812	331	0.0102
198	-0.2208	250	0.0362	332	0.0092
199	-0.2108	251	-0.1338	333	0.0082
200	-0.2188	252	0.0692	334	0.0082
201	-0.2078	253	0.1762	335	0.0072
202	-0.2068	254	0.0132	336	0.0072
203	-0.2088	255	-0.8398	337	0.0092
204	-0.2028	256	-0.8398	338	0.0102
205	0.3672	257	-0.8168	339	0.0082
206	0.4832	258	-0.7588	340	0.0082
207	0.4392	259	-0.5608	341	0.0062
208	0.4572	260	-0.3538	350	-0.0258
210	0.1342	261	-0.1258	351	0.0372
211	0.6842	262	-0.0298	352	0.0362
212	0.4652	263	-0.0498	353	0.0352
213	-0.5328	264	0.0842	354	0.0332
214	-0.2018	265	0.2272	355	0.0362
215	-0.0048	266	0.2382		
216	0.2162	267	-0.0928		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 606
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 22.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.797
TUNNEL DYNAMIC PRESSURE(PSF) = 599.
TUNNEL STAGNATION PRESSURE(PSF) = 2048.
TUNNEL STATIC PRESSURE(PSF) = 1348.
REYNOLDS NUMBER PER FOOT = 3.9810E 06
MODEL ANGLE OF ATTACK(DEG) = 14.15
FIN ANGLE(DEG) = -0.42
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.4186
247	0.4176
347	0.4166
447	0.4176
547	0.4206
647	0.4216
747	0.4216

ORF	CP	ORF	CP	ORF	CP
1	-0.7264	52	-0.0384	102	-0.1264
2	-0.9314	53	-0.2014	103	-0.6334
3	-0.7354	54	-0.1554	104	-0.5084
4	-0.6504	55	-0.9124	105	-0.4014
5	-0.5484	56	-0.9374	110	-0.2334
6	-0.4454	57	-0.9964	111	-0.2524
7	-0.3514	58	-1.0984	112	-0.1994
8	-0.2824	59	-1.1144	113	-0.2184
9	-0.2104	60	-1.0684	114	-0.1164
10	-0.1694	61	-0.8854	115	-0.2244
11	-0.1354	62	-0.6234	116	-0.2084
12	-0.1214	63	-0.3524	117	-0.0904
13	-0.1134	64	-0.2424	118	-0.0994
14	-0.1734	65	-0.2654	119	-0.1164
15	-0.1664	66	-0.7524	120	-0.0304
16	-1.0624	67	-0.7654	121	-0.0324
17	-1.1744	68	-0.7754	122	-0.0924
18	-1.1354	69	-0.8064	123	-0.2464
19	-0.8624	70	-0.8234	124	-0.1234
20	-0.5054	71	-0.7764	125	-0.1074
21	-0.2554	72	-0.7194	126	-0.0924
22	-0.1514	73	-0.6174	127	-0.0964
23	-0.1214	74	-0.4954	128	-0.2294
24	-0.1034	75	-0.5944	129	-0.1224
25	-0.0944	76	-0.5984	135	-0.0614
26	-0.0944	77	-0.5604	136	-0.0704
27	-0.1124	78	-0.5354	137	-0.0574
28	-0.1994	79	-0.5264	138	0.0446
29	-0.1724	80	-0.5044	139	0.0326
30	-1.3574	81	-0.4684	140	0.0346
32	-1.1444	82	-0.4224	141	0.1026
33	-0.8564	83	-0.4244	142	0.0516
34	-0.5084	84	-0.4594	143	0.1406
35	-0.2434	85	-0.4294	145	-0.0704
36	-0.1234	86	-0.4154	147	0.0506
37	-0.0744	87	-0.3954	151	0.0996
38	-0.0614	88	-0.3804	152	-0.1014
39	-0.0754	89	-0.3624	153	-0.2344
40	-0.0984	90	-0.3554	154	-0.2904
41	-0.1874	91	-0.3374	155	0.2396
42	-0.1574	92	-0.3204	156	0.0266
43	-1.1844	93	-0.3214	157	-0.1324
44	-1.3134	94	-0.3154	158	0.2876
45	-1.4144	95	-0.3274	159	0.2126
46	-1.4044	96	0.2386	160	0.1246
47	-1.1274	97	-0.2584	161	-0.0104
48	-0.4384	98	0.3956	162	0.4066
49	-0.0604	99	0.3026	163	0.2966
50	0.0046	100	-0.1904	164	0.0236
51	0.0106	101	-0.1894	165	-0.0134

ORF	CP	ORF	CP	ORF	CP
166	0.6286	217	0.2986	268	0.0236
167	0.3676	218	0.2786	269	0.1546
168	0.3076	219	0.2196	270	0.1926
169	0.1056	220	0.1376	271	-0.1644
170	0.3496	221	-0.5744	272	0.0126
171	0.2916	222	-0.4774	273	0.1616
172	-0.0144	223	-0.0364	274	0.2036
173	0.1606	224	0.0466	275	0.4476
174	0.0366	225	0.5696	276	-0.0334
175	-0.1154	226	0.2646	277	-0.1594
176	-0.2884	227	-0.4984	278	-1.1014
177	-0.0984	228	-0.4974	279	-1.0024
178	0.0036	229	-0.4684	280	-0.9734
179	0.0636	230	-0.2784	281	-0.8854
180	-0.2584	231	-0.0124	282	-0.6384
181	0.1146	232	0.0696	283	-0.4304
182	0.2126	233	0.0916	284	-0.1894
183	0.0176	234	0.0706	285	-0.0984
184	0.0906	235	-0.1724	286	-0.1854
185	0.1586	236	-0.2564	287	-0.0134
186	0.2096	237	0.0086	288	0.1826
187	0.2296	238	0.0976	289	0.3906
188	0.2746	239	0.1616	290	0.1866
189	0.3076	240	0.0366	291	-1.6264
190	-0.2344	241	-0.7934	292	-0.1794
191	-0.2444	242	-0.7894	325	-0.0294
192	-0.2464	244	-0.6114	326	-0.0314
193	-0.2514	245	-0.3424	327	-0.0284
194	-0.2504	246	-0.1664	328	-0.0254
195	-0.2524	247	-0.0344	329	-0.0294
196	-0.2584	248	0.0116	330	-0.0284
197	-0.2484	249	0.0406	331	-0.0294
198	-0.2434	250	-0.0214	332	-0.0274
199	-0.2474	251	-0.1874	333	-0.0224
200	-0.2504	252	0.0276	334	-0.0274
201	-0.2454	253	0.0796	335	-0.0274
202	-0.2414	254	-0.0744	336	-0.0254
203	-0.2464	255	-0.9384	337	-0.0284
204	-0.2394	256	-0.9414	338	-0.0314
205	0.3296	257	-0.9174	339	-0.0274
206	0.4436	258	-0.8474	340	-0.0234
207	0.4006	259	-0.6264	341	-0.0294
208	0.4276	260	-0.4264	350	-0.1034
210	0.0366	261	-0.1934	351	-0.0234
211	0.7306	262	-0.0884	352	-0.0254
212	0.4616	263	-0.0914	353	-0.0244
213	-0.6994	264	0.0426	354	-0.0214
214	-0.3334	265	0.1736	355	-0.0214
215	-0.0924	266	0.1866		
216	0.2386	267	-0.1274		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 607
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 22.
CONFIGURATION NO. = 4.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.796
TUNNEL DYNAMIC PRESSURE(PSF) = 599.
TUNNEL STAGNATION PRESSURE(PSF) = 2048.
TUNNEL STATIC PRESSURE(PSF) = 1349.
REYNOLDS NUMBER PER FOOT = 3.9780E 06
MODEL ANGLE OF ATTACK(DEG) = 0.15
FIN ANGLE(DEG) = -0.61
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.4179
247	0.4159
347	0.4179
447	0.4179
547	0.4159
647	0.4149
747	0.4139

ORF	CP	ORF	CP	ORF	CP
1	-0.0141	52	-0.1861	102	-0.1681
2	-0.3491	53	-0.3921	103	-0.4901
3	-0.3591	54	-0.2831	104	-0.4851
4	-0.2211	55	0.0429	105	-0.3041
5	-0.1331	56	0.0209	110	-0.1031
6	-0.0851	57	-0.0011	111	-0.1221
7	-0.0681	58	-0.0211	112	-0.0871
8	-0.0601	59	-0.0461	113	-0.1191
9	-0.0541	60	-0.0721	114	-0.1321
10	-0.0611	61	-0.1081	115	-0.1361
11	-0.0631	62	-0.1561	116	-0.0831
12	-0.0761	63	-0.2471	117	-0.0051
13	-0.1021	64	-0.5071	118	0.0139
14	-0.2251	65	-0.4221	119	-0.0291
15	-0.2091	66	0.0309	120	0.0029
16	-0.1421	67	0.0089	121	0.0009
17	-0.1401	68	-0.0191	122	-0.0041
18	-0.1041	69	-0.0501	123	-0.1281
19	-0.0791	70	-0.0871	124	-0.0441
20	-0.0601	71	-0.1291	125	-0.0371
21	-0.0511	72	-0.1951	126	-0.0131
22	-0.0481	73	-0.3251	127	-0.0251
23	-0.0481	74	-0.3991	128	-0.1291
24	-0.0571	75	0.0199	129	-0.0651
25	-0.0661	76	-0.0241	135	-0.0011
26	-0.0891	77	-0.0671	136	-0.0021
27	-0.1301	78	-0.1061	137	0.0019
28	-0.2451	79	-0.1541	138	0.0799
29	-0.2181	80	-0.2311	139	0.0819
30	-0.0351	81	-0.4001	140	0.0819
32	-0.0361	82	-0.3401	141	0.0919
33	-0.0331	83	-0.0011	142	0.0899
34	-0.0321	84	-0.0621	143	0.0919
35	-0.0381	85	-0.1061	145	0.0019
36	-0.0421	86	-0.1561	147	0.0929
37	-0.0541	87	-0.2141	151	-0.0021
38	-0.0741	88	-0.3271	152	-0.1731
39	-0.0981	89	-0.3181	153	-0.1991
40	-0.1421	90	-0.0741	154	-0.2601
41	-0.2491	91	-0.1151	155	0.1159
42	-0.2281	92	-0.1511	156	0.1229
43	0.0289	93	-0.1931	157	-0.0571
44	0.0069	94	-0.2731	158	0.3549
45	-0.0051	95	-0.2621	159	0.2789
46	-0.0121	96	-0.3361	160	0.2019
47	-0.0271	97	-0.4401	161	0.0649
48	-0.0371	98	-0.0201	162	0.3329
49	-0.0621	99	-0.0701	163	0.2989
50	-0.0861	100	-0.3171	164	0.0839
51	-0.1211	101	-0.2041	165	0.0019

ORF	CP	ORF	CP	ORF	CP
166	0.3979	217	-0.1191	268	-0.1291
167	0.3019	218	-0.0911	269	0.1419
168	0.2329	219	-0.0871	270	0.2069
169	0.0719	220	-0.1261	271	-0.1921
170	0.2739	221	-0.4941	272	-0.2171
171	0.1689	222	-0.3811	273	0.0819
172	-0.0521	223	-0.0511	274	0.1629
173	0.0269	224	-0.0411	275	0.2899
174	-0.0591	225	0.1789	276	0.2529
175	-0.2291	226	0.0109	277	0.0699
176	-0.2501	227	-0.6621	278	-0.7721
177	-0.2071	228	-0.6281	279	-0.7411
178	-0.3881	229	-0.5511	280	-0.6601
179	-0.3451	230	-0.3421	281	-0.4291
180	-0.2171	231	-0.1411	282	-0.1501
181	0.2919	232	-0.1001	283	-0.0891
182	0.4219	233	-0.0831	284	-0.0581
183	0.4299	234	-0.1041	285	-0.0891
184	0.5959	235	-0.2551	286	-0.2011
185	0.6499	236	-0.2021	287	-0.2651
186	0.7219	237	-0.0381	288	0.0449
187	0.7729	238	0.0009	289	0.1819
188	0.8439	239	0.1949	290	0.1649
189	0.8729	240	0.0629	291	-0.5291
190	-0.1901	241	-0.6351	292	-0.0651
191	-0.1801	242	-0.6151	325	0.0129
192	-0.1981	244	-0.3431	326	0.0149
193	-0.1981	245	-0.1441	327	0.0129
194	-0.1871	246	-0.1101	328	0.0139
195	-0.1881	247	-0.0841	329	0.0109
196	-0.2191	248	-0.0721	330	0.0119
197	-0.1941	249	-0.0671	331	0.0149
198	-0.1961	250	0.0059	332	0.0129
199	-0.1901	251	-0.1821	333	0.0129
200	-0.1861	252	-0.0641	334	0.0109
201	-0.1831	253	0.1989	335	0.0109
202	-0.1851	254	0.0279	336	0.0099
203	-0.1861	255	-0.6941	337	0.0129
204	-0.1851	256	-0.6731	338	0.0149
205	0.1769	257	-0.6321	339	0.0119
206	0.2049	258	-0.4501	340	0.0129
207	0.1999	259	-0.1611	341	0.0099
208	0.2039	260	-0.0871	350	-0.0241
210	0.2539	261	-0.0711	351	0.0089
211	0.2169	262	-0.0581	352	0.0099
212	0.0439	263	-0.1781	353	0.0099
213	-0.7581	264	-0.0771	354	0.0069
214	-0.6301	265	0.1529	355	0.0059
215	-0.5051	266	0.1869		
216	-0.2741	267	-0.1831		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 614
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 42.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.355
TUNNEL DYNAMIC PRESSURE(PSF) = 813.
TUNNEL STAGNATION PRESSURE(PSF) = 1890.
TUNNEL STATIC PRESSURE(PSF) = 633.
REYNOLDS NUMBER PER FOOT = 4.0050E 06
MODEL ANGLE OF ATTACK(DEG) = -14.19
FIN ANGLE(DEG) = 0.18
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 550.

SCANIVALUE	CP(REF)
147	1.1474
247	1.1474
347	1.1474
447	1.1474
547	1.1434
647	1.1434
747	1.1424

ORF	CP	ORF	CP	ORF	CP
1	0.8864	52	0.4194	102	-0.4276
2	0.5324	53	0.2044	103	-0.5906
3	0.3564	54	0.0764	104	-0.5416
4	0.4204	55	0.6974	105	-0.4566
5	0.4564	56	0.6524	110	-0.1686
6	0.4624	57	0.6284	111	-0.1886
7	0.4594	58	0.5994	112	-0.1616
8	0.4524	59	0.5744	113	-0.2056
9	0.4434	60	0.5464	114	0.1284
10	0.4354	61	0.5114	115	0.1304
11	0.4374	62	0.4684	116	0.1304
12	0.4394	63	0.3974	117	0.1294
13	0.4404	64	0.0584	118	0.1264
14	0.3234	65	0.0904	119	0.1284
15	0.2154	66	0.7084	120	-0.0716
16	0.5924	67	0.6684	121	0.1074
17	0.5034	68	0.6284	122	0.1094
18	0.5094	69	0.5974	123	0.1274
19	0.5044	70	0.5644	124	-0.1656
20	0.5014	71	0.5244	125	-0.1786
21	0.4874	72	0.4714	126	-0.1606
22	0.4754	73	0.3704	127	-0.1696
23	0.4614	74	0.1044	128	-0.2116
24	0.4554	75	0.7204	129	-0.1716
25	0.4524	76	0.6704	135	-0.1466
26	0.4504	77	0.6394	136	-0.1556
27	0.4404	78	0.5894	137	-0.1416
28	0.3314	79	0.5294	138	-0.0196
29	0.1554	80	0.4494	139	-0.0216
30	0.6294	81	0.2864	140	-0.0236
32	0.5664	82	0.0984	141	0.0814
33	0.5464	83	0.6604	142	0.0604
34	0.5224	84	0.6604	143	0.0724
35	0.5084	85	0.6014	145	-0.1546
36	0.4994	86	0.5104	147	0.0564
37	0.4904	87	0.4174	151	0.4454
38	0.4844	88	0.2804	152	0.1744
39	0.4734	89	0.0524	153	0.0794
40	0.4434	90	0.6744	154	-0.0666
41	0.3464	91	0.5114	155	0.3164
42	0.1084	92	0.3914	156	0.4364
43	0.6714	93	0.2934	157	0.3274
44	0.6284	94	0.1864	158	0.7274
45	0.6024	95	-0.0356	159	0.5774
46	0.5734	96	-0.4466	160	0.5404
47	0.5544	97	-0.4436	161	0.4444
48	0.5384	98	-0.5996	162	0.6904
49	0.5214	99	-0.5586	163	0.5784
50	0.5054	100	-0.4226	164	-0.0226
51	0.4704	101	-0.4316	165	0.3604

ORF	CP	ORF	CP	ORF	CP
166	0.6294	217	-0.3036	268	-0.1726
167	0.5264	218	-0.2936	269	0.2114
168	0.4834	219	-0.2786	270	0.3844
169	0.3584	220	0.0214	271	-0.3146
170	0.5234	221	0.0274	272	-0.3226
171	0.3974	222	0.2654	273	0.2684
172	0.2414	223	0.5074	274	0.2604
173	0.2764	224	0.5274	275	0.0304
174	0.1814	225	0.2794	276	0.8494
175	0.0754	226	0.1724	277	0.8394
176	-0.1186	227	-0.5386	278	0.0884
177	0.2064	228	-0.4806	279	0.1824
178	0.1644	229	-0.4206	280	0.2194
179	0.1714	230	-0.3176	281	0.3424
180	-0.3286	231	-0.3006	282	0.4604
181	0.6974	232	-0.2786	283	0.4514
182	0.8114	233	-0.1676	284	0.4454
183	0.3624	234	0.1024	285	0.4204
184	0.4514	235	0.1314	286	-0.4266
185	0.5734	236	0.2644	287	-0.2376
186	0.9014	237	0.3394	288	0.1694
187	1.2224	238	0.3324	289	0.1564
188	1.4114	239	0.3044	290	0.4144
189	1.4684	240	0.2724	291	-0.2196
190	0.1364	241	-0.5336	292	-0.1206
191	-0.2996	242	-0.4636	325	0.1324
192	-0.3206	244	-0.3126	326	0.1314
193	-0.3136	245	-0.2346	327	0.1414
194	-0.3016	246	-0.0476	328	0.1324
195	-0.3366	247	0.0944	329	0.1374
196	-0.3296	248	0.1674	330	0.1324
197	-0.3076	249	0.1254	331	0.1354
198	-0.3076	250	0.1804	332	0.1434
199	-0.3116	251	0.2464	333	0.1334
200	-0.3276	252	0.2864	334	0.1354
201	-0.3086	253	0.6604	335	0.1374
202	-0.2976	254	0.5674	336	0.1304
203	-0.3016	255	-0.4756	337	0.1354
204	-0.3116	256	-0.3706	338	0.1324
205	0.0444	257	-0.2916	339	0.1394
206	0.0734	258	-0.1616	340	0.1324
207	0.0854	259	0.1254	341	0.1364
208	0.0794	260	0.1804	350	0.1364
210	0.4324	261	0.2774	351	0.1344
211	0.1614	262	0.3834	352	0.1284
212	0.0634	263	0.1154	353	0.1284
213	-0.4906	264	0.0084	354	0.1354
214	-0.4176	265	0.2134	355	0.1354
215	-0.3426	266	0.3864		
216	-0.2646	267	0.1084		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 615
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 42.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.354
TUNNEL DYNAMIC PRESSURE(PSF) = 816.
TUNNEL STAGNATION PRESSURE(PSF) = 1898.
TUNNEL STATIC PRESSURE(PSF) = 636.
REYNOLDS NUMBER PER FOOT = 4.0030E 06
MODEL ANGLE OF ATTACK(DEG) = -12.07
FIN ANGLE(DEG) = 0.03
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 552.

SCANIVALUE	CP(REF)
147	1.1386
247	1.1386
347	1.1386
447	1.1396
547	1.1376
647	1.1376
747	1.1376

ORF	CP	ORF	CP	ORF	CP
1	0.6966	52	0.3906	102	-0.3804
2	0.5176	53	0.1866	103	-0.6044
3	0.4616	54	0.0586	104	-0.5704
4	0.4286	55	0.6316	105	-0.4274
5	0.4066	56	0.5856	110	-0.1664
6	0.3936	57	0.5606	111	-0.1774
7	0.3846	58	0.5326	112	-0.1434
8	0.3806	59	0.5116	113	-0.1804
9	0.3696	60	0.4916	114	0.1446
10	0.3816	61	0.4656	115	0.1396
11	0.3856	62	0.4366	116	0.1376
12	0.3886	63	0.3726	117	0.1466
13	0.3636	64	0.0376	118	0.1506
14	0.2456	65	0.0666	119	0.1326
15	0.1586	66	0.6486	120	-0.1274
16	0.6046	67	0.5986	121	0.1156
17	0.5236	68	0.5636	122	0.1316
18	0.4876	69	0.5566	123	0.1416
19	0.4486	70	0.5166	124	-0.1524
20	0.4216	71	0.4946	125	-0.1664
21	0.4066	72	0.4416	126	-0.1534
22	0.4046	73	0.3536	127	-0.1604
23	0.3996	74	0.0706	128	-0.1534
24	0.3896	75	0.6566	129	-0.1934
25	0.3846	76	0.6136	135	-0.1384
26	0.3836	77	0.5796	136	-0.1384
27	0.3756	78	0.5556	137	-0.1304
28	0.2716	79	0.4956	138	-0.0344
29	0.1106	80	0.4186	139	-0.0344
30	0.6276	81	0.2706	140	-0.0354
32	0.4986	82	0.0516	141	0.0756
33	0.4746	83	0.6286	142	0.0596
34	0.4586	84	0.6106	143	0.0686
35	0.4436	85	0.5626	145	-0.1394
36	0.4346	86	0.4846	147	0.0566
37	0.4316	87	0.3866	151	0.4176
38	0.4226	88	0.2616	152	0.1716
39	0.4126	89	0.0026	153	0.0706
40	0.3936	90	0.6356	154	-0.0854
41	0.3056	91	0.4726	155	0.3106
42	0.0806	92	0.3466	156	0.4426
43	0.6186	93	0.2596	157	0.3156
44	0.5676	94	0.1726	158	0.6786
45	0.5376	95	-0.0814	159	0.5756
46	0.5156	96	-0.3594	160	0.5516
47	0.4946	97	-0.2974	161	0.4486
48	0.4816	98	-0.5024	162	0.6776
49	0.4626	99	-0.5004	163	0.5896
50	0.4536	100	-0.4524	164	-0.0314
51	0.4256	101	-0.3974	165	0.3706

ORF	CP	ORF	CP	ORF	CP
166	0.5886	217	-0.2704	268	-0.2004
167	0.5246	218	-0.2734	269	0.1906
168	0.4946	219	-0.2494	270	0.3606
169	0.3706	220	0.0006	271	-0.2904
170	0.4846	221	0.0356	272	-0.3144
171	0.4116	222	0.2166	273	0.2296
172	0.2686	223	0.4576	274	0.2076
173	0.2876	224	0.4666	275	0.0546
174	0.1956	225	0.3206	276	0.6756
175	0.1076	226	0.2386	277	0.7046
176	-0.0954	227	-0.5374	278	0.3436
177	0.2076	228	-0.4834	279	0.4056
178	0.1276	229	-0.4354	280	0.4426
179	0.1566	230	-0.3104	281	0.4526
180	-0.3224	231	-0.2764	282	0.4236
181	0.6296	232	-0.2464	283	0.3846
182	0.7666	233	-0.1854	284	0.3916
183	0.3546	234	0.0856	285	0.3616
184	0.4186	235	0.1066	286	-0.3864
185	0.5216	236	0.2366	287	-0.2054
186	0.7836	237	0.3116	288	0.1316
187	1.1446	238	0.3076	289	0.1246
188	1.4276	239	0.3816	290	0.3936
189	1.4836	240	0.3556	291	-0.2094
190	0.1476	241	-0.5114	292	-0.0644
191	-0.2974	242	-0.4234	325	0.1266
192	-0.3214	244	-0.2974	326	0.1296
193	-0.3184	245	-0.2504	327	0.1446
194	-0.2984	246	-0.1514	328	0.1346
195	-0.3204	247	0.0866	329	0.1396
196	-0.3204	248	0.1666	330	0.1406
197	-0.3044	249	0.1076	331	0.1316
198	-0.3024	250	0.1526	332	0.1426
199	-0.3064	251	0.2426	333	0.1366
200	-0.3194	252	0.2786	334	0.1396
201	-0.3034	253	0.5946	335	0.1396
202	-0.2914	254	0.5516	336	0.1356
203	-0.2964	255	-0.4844	337	0.1266
204	-0.3044	256	-0.3974	338	0.1286
205	0.0776	257	-0.3394	339	0.1436
206	0.0956	258	-0.1884	340	0.1346
207	0.1076	259	0.0776	341	0.1386
208	0.1226	260	0.1466	350	0.1386
210	0.4106	261	0.2746	351	0.1386
211	0.2306	262	0.3936	352	0.1396
212	0.1526	263	0.0986	353	0.1396
213	-0.4854	264	-0.0084	354	0.1486
214	-0.4344	265	0.1886	355	0.1426
215	-0.3504	266	0.3616		
216	-0.2384	267	0.0766		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 616
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 42.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.355
TUNNEL DYNAMIC PRESSURE(PSF) = 819.
TUNNEL STAGNATION PRESSURE(PSF) = 1904.
TUNNEL STATIC PRESSURE(PSF) = 637.
REYNOLDS NUMBER PER FOOT = 4.0090E 06
MODEL ANGLE OF ATTACK(DEG) = -8.10
FIN ANGLE(DEG) = -0.05
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 552.

SCANIVALUE	CP(REF)
147	1.1342
247	1.1332
347	1.1342
447	1.1342
547	1.1362
647	1.1362
747	1.1362

ORF	CP	ORF	CP	ORF	CP
1	0.4192	52	0.2942	102	-0.2878
2	0.3692	53	0.1392	103	-0.5378
3	0.3382	54	-0.0068	104	-0.5058
4	0.3102	55	0.5182	105	-0.4348
5	0.3052	56	0.4532	110	-0.1298
6	0.2872	57	0.4242	111	-0.1358
7	0.2762	58	0.4072	112	-0.1088
8	0.2622	59	0.3922	113	-0.1378
9	0.2592	60	0.3812	114	0.1552
10	0.2582	61	0.3612	115	0.1602
11	0.2552	62	0.3462	116	0.1542
12	0.2512	63	0.3192	117	0.1492
13	0.2422	64	0.0032	118	0.1512
14	0.1402	65	0.0182	119	0.1502
15	0.0672	66	0.5322	120	-0.1328
16	0.4252	67	0.4692	121	0.1262
17	0.3832	68	0.4372	122	0.1452
18	0.3542	69	0.4272	123	0.1462
19	0.3292	70	0.4152	124	-0.1118
20	0.3052	71	0.4052	125	-0.1238
21	0.2962	72	0.3732	126	-0.1018
22	0.2872	73	0.3082	127	-0.1138
23	0.2742	74	0.0182	128	-0.1478
24	0.2732	75	0.5542	129	-0.1788
25	0.2672	76	0.5192	135	-0.0998
26	0.2602	77	0.4772	136	-0.0978
27	0.2462	78	0.4612	137	-0.0928
28	0.1712	79	0.4342	138	-0.0068
29	0.0222	80	0.3732	139	-0.0058
30	0.4792	81	0.2422	140	-0.0028
32	0.3812	82	-0.0138	141	0.0612
33	0.3542	83	0.5462	142	0.0542
34	0.3402	84	0.5312	143	0.0552
35	0.3192	85	0.4732	145	-0.0998
36	0.3092	86	0.4012	147	0.0542
37	0.2982	87	0.3232	151	0.3202
38	0.2952	88	0.2212	152	0.1032
39	0.2912	89	-0.0608	153	0.0202
40	0.2722	90	0.5622	154	-0.1708
41	0.2142	91	0.3802	155	0.3152
42	-0.0198	92	0.2722	156	0.4122
43	0.5112	93	0.2012	157	0.2612
44	0.4502	94	0.1382	158	0.6152
45	0.4072	95	-0.1338	159	0.5402
46	0.3862	96	-0.1708	160	0.5132
47	0.3692	97	-0.2048	161	0.4262
48	0.3552	98	-0.3268	162	0.6262
49	0.3442	99	-0.3418	163	0.5592
50	0.3332	100	-0.3458	164	-0.0078
51	0.3182	101	-0.3088	165	0.3502

ORF	CP	ORF	CP	ORF	CP
166	0.5312	217	-0.2198	268	-0.1438
167	0.5412	218	-0.2338	269	0.1862
168	0.5012	219	-0.2058	270	0.2792
169	0.3692	220	-0.0008	271	-0.2278
170	0.5442	221	0.0352	272	-0.2198
171	0.4412	222	0.0772	273	0.1602
172	0.2632	223	0.3742	274	0.1542
173	0.3402	224	0.4012	275	0.1362
174	0.2862	225	0.4352	276	0.4012
175	0.0892	226	0.3762	277	0.4102
176	-0.0938	227	-0.5158	278	0.2962
177	0.1382	228	-0.4578	279	0.3122
178	0.0452	229	-0.4038	280	0.3242
179	0.0742	230	-0.3178	281	0.3352
180	-0.3128	231	-0.2378	282	0.3162
181	0.5232	232	-0.2008	283	0.2812
182	0.6562	233	-0.1198	284	0.2662
183	0.4492	234	0.1002	285	0.2482
184	0.5972	235	0.0212	286	-0.2918
185	0.8152	236	0.1942	287	-0.1218
186	1.1672	237	0.3412	288	0.1032
187	1.3902	238	0.3382	289	0.0962
188	1.5012	239	0.3492	290	0.2752
189	1.5182	240	0.3382	291	-0.2238
190	0.2332	241	-0.4498	292	-0.0048
191	-0.2988	242	-0.3328	325	0.1582
192	-0.3028	244	-0.1948	326	0.1622
193	-0.3008	245	-0.1438	327	0.1532
194	-0.2918	246	-0.0788	328	0.1482
195	-0.3148	247	0.0992	329	0.1482
196	-0.3108	248	0.1982	330	0.1502
197	-0.2968	249	0.0782	331	0.1622
198	-0.2938	250	0.0882	332	0.1522
199	-0.2978	251	0.2162	333	0.1522
200	-0.2998	252	0.2482	334	0.1482
201	-0.2888	253	0.3442	335	0.1512
202	-0.2868	254	0.3392	336	0.1582
203	-0.2878	255	-0.3118	337	0.1602
204	-0.2888	256	-0.1758	338	0.1622
205	0.1692	257	-0.0948	339	0.1562
206	0.1802	258	0.0512	340	0.1482
207	0.1902	259	0.1382	341	0.1512
208	0.2162	260	0.1622	350	0.1592
210	0.3672	261	0.1902	351	0.1562
211	0.3842	262	0.2352	352	0.1562
212	0.3212	263	0.0182	353	0.1522
213	-0.4078	264	-0.0598	354	0.1472
214	-0.3318	265	0.1812	355	0.1572
215	-0.2568	266	0.2812		
216	-0.1918	267	-0.0228		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 617
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 42.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.354
TUNNEL DYNAMIC PRESSURE(PSF) = 818.
TUNNEL STAGNATION PRESSURE(PSF) = 1902.
TUNNEL STATIC PRESSURE(PSF) = 637.
REYNOLDS NUMBER PER FOOT = 3.9990E 06
MODEL ANGLE OF ATTACK(DEG) = -6.00
FIN ANGLE(DEG) = 0.05
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 553.

SCANIVALUE	CP(REF)
147	1.1353
247	1.1353
347	1.1363
447	1.1363
547	1.1333
647	1.1333
747	1.1323

ORF	CP	ORF	CP	ORF	CP
1	0.2913	52	0.2433	102	-0.2367
2	0.2473	53	0.1073	103	-0.5037
3	0.2163	54	-0.0347	104	-0.4697
4	0.2173	55	0.4293	105	-0.4287
5	0.2113	56	0.3703	110	-0.1147
6	0.2023	57	0.3413	111	-0.1157
7	0.1903	58	0.3323	112	-0.0957
8	0.1913	59	0.3183	113	-0.1227
9	0.1953	60	0.3113	114	0.1593
10	0.1893	61	0.3003	115	0.1553
11	0.1893	62	0.2923	116	0.1563
12	0.1883	63	0.2713	117	0.1603
13	0.1763	64	-0.0017	118	0.1613
14	0.0813	65	-0.0057	119	0.1543
15	0.0103	66	0.4483	120	-0.1337
16	0.3033	67	0.3943	121	0.1363
17	0.2753	68	0.3603	122	0.1373
18	0.2523	69	0.3403	123	0.1563
19	0.2353	70	0.3403	124	-0.0957
20	0.2283	71	0.3523	125	-0.1097
21	0.2193	72	0.3333	126	-0.0847
22	0.2133	73	0.2973	127	-0.0987
23	0.2033	74	0.0023	128	-0.1297
24	0.2053	75	0.4733	129	-0.1687
25	0.2073	76	0.4153	135	-0.0857
26	0.1993	77	0.4133	136	-0.0847
27	0.1853	78	0.4063	137	-0.0787
28	0.1103	79	0.3923	138	0.0003
29	-0.0297	80	0.3383	139	0.0003
30	0.3653	81	0.2243	140	0.0003
32	0.2933	82	-0.0387	141	0.0433
33	0.2723	83	0.4803	142	0.0413
34	0.2563	84	0.4633	143	0.0393
35	0.2463	85	0.4203	145	-0.0857
36	0.2413	86	0.3543	147	0.0413
37	0.2343	87	0.2823	151	0.2673
38	0.2323	88	0.1993	152	0.0703
39	0.2253	89	-0.0827	153	-0.0147
40	0.2113	90	0.4993	154	-0.1987
41	0.1653	91	0.3203	155	0.3033
42	-0.0567	92	0.2253	156	0.3663
43	0.4143	93	0.1683	157	0.2243
44	0.3573	94	0.1093	158	0.5753
45	0.3183	95	-0.1527	159	0.4983
46	0.3003	96	-0.1017	160	0.4833
47	0.2893	97	-0.1877	161	0.3913
48	0.2793	98	-0.1677	162	0.5753
49	0.2703	99	-0.2427	163	0.5183
50	0.2663	100	-0.0907	164	0.0023
51	0.2643	101	-0.2637	165	0.3233

ORF	CP	ORF	CP	ORF	CP
166	0.4823	217	-0.1707	268	-0.1177
167	0.4953	218	-0.1677	269	0.1493
168	0.4723	219	-0.1247	270	0.2193
169	0.3313	220	0.0633	271	-0.1947
170	0.5233	221	0.0183	272	-0.1767
171	0.4173	222	0.0163	273	0.1333
172	0.2443	223	0.3363	274	0.1213
173	0.3293	224	0.3693	275	0.2353
174	0.2703	225	0.4483	276	0.3303
175	0.0593	226	0.3793	277	0.3223
176	-0.1267	227	-0.4977	278	0.1473
177	0.1003	228	-0.4397	279	0.1923
178	0.0153	229	-0.3547	280	0.2113
179	0.0473	230	-0.2497	281	0.2223
180	-0.3107	231	-0.1617	282	0.2153
181	0.4573	232	-0.1277	283	0.2023
182	0.5983	233	-0.0667	284	0.2043
183	0.5163	234	0.1363	285	0.1903
184	0.7203	235	0.0183	286	-0.2557
185	0.8773	236	0.1283	287	-0.0967
186	1.1053	237	0.3293	288	0.1083
187	1.2443	238	0.3243	289	0.1103
188	1.3623	239	0.3613	290	0.2243
189	1.4693	240	0.3433	291	-0.1597
190	0.2673	241	-0.4427	292	0.0353
191	-0.2917	242	-0.3207	325	0.1573
192	-0.3137	244	-0.1687	326	0.1603
193	-0.3167	245	-0.1217	327	0.1583
194	-0.3137	246	-0.0257	328	0.1553
195	-0.3087	247	0.0913	329	0.1513
196	-0.3077	248	0.1883	330	0.1583
197	-0.2947	249	0.0483	331	0.1633
198	-0.2917	250	0.0633	332	0.1563
199	-0.2907	251	0.1993	333	0.1543
200	-0.2907	252	0.2253	334	0.1513
201	-0.2787	253	0.3193	335	0.1603
202	-0.2807	254	0.2773	336	0.1553
203	-0.2797	255	-0.2547	337	0.1573
204	-0.2777	256	-0.1247	338	0.1573
205	0.2513	257	-0.0377	339	0.1593
206	0.2623	258	0.0593	340	0.1563
207	0.2883	259	0.1163	341	0.1503
208	0.2803	260	0.1313	350	0.1523
210	0.3473	261	0.1553	351	0.1513
211	0.4163	262	0.1813	352	0.1533
212	0.3463	263	-0.0017	353	0.1553
213	-0.3867	264	-0.0497	354	0.1543
214	-0.2857	265	0.1503	355	0.1633
215	-0.2127	266	0.2203		
216	-0.1497	267	-0.0407		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 618
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 42.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.353
TUNNEL DYNAMIC PRESSURE(PSF) = 819.
TUNNEL STAGNATION PRESSURE(PSF) = 1905.
TUNNEL STATIC PRESSURE(PSF) = 639.
REYNOLDS NUMBER PER FOOT = 4.0020E 06
MODEL ANGLE OF ATTACK(DEG) = -4.00
FIN ANGLE(DEG) = 0.24
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 554.

SCANIVALUE	CP(REF)
147	1.1318
247	1.1298
347	1.1308
447	1.1318
547	1.1298
647	1.1308
747	1.1308

ORF	CP	ORF	CP	ORF	CP
1	0.2498	52	0.1958	102	-0.1942
2	0.1398	53	0.0708	103	-0.4552
3	0.1408	54	-0.0802	104	-0.4182
4	0.1488	55	0.3488	105	-0.3772
5	0.1548	56	0.2978	110	-0.1032
6	0.1468	57	0.2628	111	-0.1042
7	0.1458	58	0.2468	112	-0.0882
8	0.1438	59	0.2348	113	-0.1142
9	0.1408	60	0.2408	114	0.1678
10	0.1448	61	0.2328	115	0.1678
11	0.1438	62	0.2288	116	0.1668
12	0.1388	63	0.2358	117	0.1678
13	0.1268	64	-0.0372	118	0.1678
14	0.0378	65	-0.0332	119	0.1678
15	-0.0302	66	0.3628	120	-0.1322
16	0.2248	67	0.3058	121	0.1438
17	0.1928	68	0.2798	122	0.1648
18	0.1868	69	0.2748	123	0.1658
19	0.1738	70	0.2498	124	-0.0892
20	0.1648	71	0.2878	125	-0.1022
21	0.1628	72	0.2928	126	-0.0762
22	0.1588	73	0.2608	127	-0.0902
23	0.1558	74	-0.0222	128	-0.0742
24	0.1538	75	0.3768	129	-0.1502
25	0.1548	76	0.3448	135	-0.0782
26	0.1488	77	0.3308	136	-0.0742
27	0.1408	78	0.3248	137	-0.0752
28	0.0638	79	0.3218	138	0.0038
29	-0.0692	80	0.3008	139	0.0038
30	0.2748	81	0.2048	140	0.0018
32	0.2198	82	-0.0642	141	0.0368
33	0.2018	83	0.3818	142	0.0368
34	0.1928	84	0.3668	143	0.0358
35	0.1828	85	0.3418	145	-0.0762
36	0.1798	86	0.2998	147	0.0368
37	0.1748	87	0.2328	151	0.2158
38	0.1768	88	0.1688	152	0.0298
39	0.1718	89	-0.1072	153	-0.0602
40	0.1608	90	0.4138	154	-0.2282
41	0.1168	91	0.2428	155	0.2728
42	-0.0982	92	0.1718	156	0.3018
43	0.3288	93	0.1308	157	0.1708
44	0.2788	94	0.0838	158	0.5418
45	0.2498	95	-0.1692	159	0.4588
46	0.2298	96	-0.1212	160	0.4348
47	0.2198	97	-0.1352	161	0.3548
48	0.2148	98	-0.0862	162	0.5098
49	0.2038	99	-0.0522	163	0.4708
50	0.1998	100	0.0348	164	0.0068
51	0.1948	101	-0.2312	165	0.2758

ORF	CP	ORF	CP	ORF	CP
166	0.4758	217	-0.1182	268	-0.0852
167	0.4728	218	-0.1342	269	0.1378
168	0.4388	219	-0.0732	270	0.2018
169	0.3068	220	0.1178	271	-0.1982
170	0.4358	221	0.0018	272	-0.1602
171	0.4478	222	-0.0052	273	0.1328
172	0.2558	223	0.3118	274	0.1418
173	0.3458	224	0.3708	275	0.3018
174	0.2858	225	0.5208	276	0.3368
175	0.1248	226	0.4528	277	0.2808
176	-0.1182	227	-0.4932	278	-0.0562
177	0.0468	228	-0.4352	279	0.0228
178	-0.0262	229	-0.3672	280	0.0748
179	0.0108	230	-0.2852	281	0.1358
180	-0.3032	231	-0.1812	282	0.1498
181	0.3948	232	-0.1022	283	0.1448
182	0.5388	233	-0.0032	284	0.1468
183	0.5978	234	0.1748	285	0.1418
184	0.8998	235	0.0058	286	-0.2242
185	1.0218	236	0.0828	287	-0.0932
186	1.1478	237	0.3408	288	0.1408
187	1.3118	238	0.3338	289	0.1468
188	1.3758	239	0.3698	290	0.1768
189	1.4278	240	0.3258	291	-0.1412
190	0.3168	241	-0.4652	292	0.1008
191	-0.2962	242	-0.3522	325	0.1658
192	-0.3222	244	-0.1312	326	0.1738
193	-0.3262	245	-0.0782	327	0.1668
194	-0.3302	246	-0.0102	328	0.1638
195	-0.3082	247	0.0878	329	0.1708
196	-0.3052	248	0.1878	330	0.1628
197	-0.3022	249	0.0428	331	0.1748
198	-0.2922	250	0.0478	332	0.1688
199	-0.2932	251	0.1938	333	0.1658
200	-0.2912	252	0.1968	334	0.1708
201	-0.2762	253	0.3238	335	0.1638
202	-0.2802	254	0.2558	336	0.1668
203	-0.2782	255	-0.2152	337	0.1668
204	-0.2752	256	-0.1182	338	0.1728
205	0.2708	257	-0.0492	339	0.1668
206	0.3148	258	0.0528	340	0.1638
207	0.3128	259	0.0888	341	0.1718
208	0.2938	260	0.0968	350	0.1698
210	0.3428	261	0.1158	351	0.1708
211	0.4828	262	0.1438	352	0.1668
212	0.3978	263	-0.0202	353	0.1718
213	-0.3852	264	-0.0402	354	0.1728
214	-0.2922	265	0.1308	355	0.1718
215	-0.2132	266	0.1888		
216	-0.1052	267	-0.0552		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 619
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 42.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.352
TUNNEL DYNAMIC PRESSURE(PSF) = 819.
TUNNEL STAGNATION PRESSURE(PSF) = 1906.
TUNNEL STATIC PRESSURE(PSF) = 641.
REYNOLDS NUMBER PER FOOT = 3.9960E 06
MODEL ANGLE OF ATTACK(DEG) = -1.88
FIN ANGLE(DEG) = 0.41
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 554.

SCANIVALUE	CP(REF)
147	1.1283
247	1.1273
347	1.1283
447	1.1283
547	1.1223
647	1.1213
747	1.1213

ORF	CP	ORF	CP	ORF	CP
1	0.2433	52	0.1543	102	-0.2247
2	-0.0127	53	0.0393	103	-0.4537
3	-0.0417	54	-0.1047	104	-0.4187
4	0.0503	55	0.2403	105	-0.3787
5	0.0913	56	0.2103	110	-0.1017
6	0.1003	57	0.1953	111	-0.0997
7	0.1043	58	0.1943	112	-0.0837
8	0.1113	59	0.1863	113	-0.1077
9	0.1123	60	0.1933	114	0.1623
10	0.1143	61	0.1923	115	0.1673
11	0.1223	62	0.1883	116	0.1713
12	0.1263	63	0.1813	117	0.1713
13	0.1173	64	-0.0717	118	0.1683
14	0.0293	65	-0.0737	119	0.1683
15	-0.0477	66	0.2683	120	-0.1397
16	0.0833	67	0.2433	121	0.1373
17	0.0303	68	0.2213	122	0.1573
18	0.0853	69	0.2053	123	0.1633
19	0.1193	70	0.2043	124	-0.0867
20	0.1213	71	0.2233	125	-0.0987
21	0.1213	72	0.2353	126	-0.0707
22	0.1223	73	0.2183	127	-0.0867
23	0.1233	74	-0.0537	128	-0.1437
24	0.1283	75	0.2973	129	-0.1707
25	0.1333	76	0.2603	135	-0.0757
26	0.1363	77	0.2473	136	-0.0737
27	0.1233	78	0.2413	137	-0.0717
28	0.0503	79	0.2343	138	0.0023
29	-0.0877	80	0.2373	139	0.0033
30	0.1323	81	0.1743	140	0.0013
32	0.1543	82	-0.0867	141	0.0333
33	0.1493	83	0.2993	142	0.0333
34	0.1453	84	0.2953	143	0.0333
35	0.1423	85	0.2693	145	-0.0727
36	0.1423	86	0.2383	147	0.0333
37	0.1443	87	0.1783	151	0.1553
38	0.1473	88	0.1263	152	-0.0337
39	0.1443	89	-0.1197	153	-0.1187
40	0.1373	90	0.3313	154	-0.2737
41	0.0963	91	0.1743	155	0.2203
42	-0.1237	92	0.1213	156	0.2833
43	0.1933	93	0.1073	157	0.1433
44	0.1873	94	0.0923	158	0.5663
45	0.1823	95	-0.1477	159	0.4333
46	0.1763	96	-0.1987	160	0.4193
47	0.1723	97	-0.0607	161	0.3513
48	0.1623	98	-0.0667	162	0.5053
49	0.1593	99	-0.0137	163	0.4813
50	0.1613	100	0.1373	164	0.0033
51	0.1653	101	-0.2677	165	0.2783

ORF	CP	ORF	CP	ORF	CP
166	0.5663	217	-0.1817	268	-0.1277
167	0.4963	218	-0.1287	269	0.1323
168	0.4763	219	0.0483	270	0.2133
169	0.3533	220	0.1853	271	-0.2287
170	0.3073	221	-0.0067	272	-0.2007
171	0.4603	222	-0.0587	273	0.1473
172	0.2703	223	0.2293	274	0.1623
173	0.2583	224	0.3713	275	0.3443
174	0.1923	225	0.4733	276	0.3923
175	0.0093	226	0.3863	277	0.3253
176	-0.1857	227	-0.5037	278	-0.3667
177	-0.0197	228	-0.4457	279	-0.3287
178	-0.1027	229	-0.3667	280	-0.2317
179	-0.0977	230	-0.2577	281	-0.0487
180	-0.2987	231	-0.1037	282	0.0843
181	0.4383	232	-0.0367	283	0.0993
182	0.5843	233	0.0573	284	0.1163
183	0.6833	234	0.2003	285	0.1243
184	0.9203	235	-0.0067	286	-0.2527
185	1.0033	236	0.0383	287	-0.1417
186	1.1073	237	0.3013	288	0.1603
187	1.1963	238	0.2893	289	0.1863
188	1.2703	239	0.3463	290	0.1823
189	1.3473	240	0.2853	291	-0.2287
190	0.4053	241	-0.3787	292	0.1673
191	-0.2987	242	-0.2907	325	0.1693
192	-0.3377	244	-0.0537	326	0.1723
193	-0.3407	245	-0.0167	327	0.1703
194	-0.3287	246	0.0153	328	0.1643
195	-0.3087	247	0.0743	329	0.1643
196	-0.3057	248	0.1433	330	0.1753
197	-0.3037	249	0.0413	331	0.1703
198	-0.2917	250	0.0383	332	0.1723
199	-0.2937	251	0.1303	333	0.1653
200	-0.2927	252	0.1363	334	0.1633
201	-0.2797	253	0.3153	335	0.1743
202	-0.2857	254	0.2333	336	0.1703
203	-0.2827	255	-0.3117	337	0.1703
204	-0.2767	256	-0.2407	338	0.1713
205	0.2793	257	-0.1687	339	0.1713
206	0.3353	258	-0.0347	340	0.1623
207	0.3223	259	0.0443	341	0.1653
208	0.3093	260	0.0643	350	0.1693
210	0.3423	261	0.0903	351	0.1703
211	0.5473	262	0.1313	352	0.1683
212	0.4843	263	-0.0307	353	0.1753
213	-0.3637	264	-0.0397	354	0.1733
214	-0.3027	265	0.1163	355	0.1713
215	-0.2427	266	0.1903		
216	-0.1827	267	-0.0727		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 620
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 42.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.353
TUNNEL DYNAMIC PRESSURE(PSF) = 822.
TUNNEL STAGNATION PRESSURE(PSF) = 1913.
TUNNEL STATIC PRESSURE(PSF) = 642.
REYNOLDS NUMBER PER FOOT = 4.0060E 06
MODEL ANGLE OF ATTACK(DEG) = 0.09
FIN ANGLE(DEG) = 0.30
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 555.

SCANIVALUE	CP(REF)
147	1.1210
247	1.1210
347	1.1220
447	1.1220
547	1.1210
647	1.1200
747	1.1200

ORF	CP	ORF	CP	ORF	CP
1	0.3670	52	0.2040	102	-0.2340
2	0.0310	53	0.0570	103	-0.4500
3	-0.2770	54	-0.0740	104	-0.4230
4	-0.2480	55	0.0630	105	-0.3730
5	-0.2000	56	0.0060	110	-0.0960
6	-0.1090	57	-0.0340	111	-0.0910
7	0.0050	58	0.0180	112	-0.0800
8	0.0770	59	0.1570	113	-0.1010
9	0.1070	60	0.1980	114	0.1750
10	0.1250	61	0.2080	115	0.1720
11	0.1410	62	0.2180	116	0.1720
12	0.1520	63	0.2030	117	0.1720
13	0.1650	64	-0.0480	118	0.1740
14	0.0910	65	-0.0580	119	0.1730
15	-0.0040	66	0.0660	120	-0.1380
16	0.1120	67	0.0390	121	0.1510
17	-0.0780	68	0.0460	122	0.1720
18	-0.2030	69	0.1910	123	0.1720
19	-0.2280	70	0.2140	124	-0.0870
20	-0.1440	71	0.2270	125	-0.0970
21	0.0380	72	0.2220	126	-0.0720
22	0.1020	73	0.1970	127	-0.0860
23	0.1270	74	-0.0460	128	-0.1130
24	0.1440	75	0.1070	129	-0.1580
25	0.1550	76	0.0870	135	-0.0740
26	0.1710	77	0.1790	136	-0.0700
27	0.1810	78	0.2360	137	-0.0700
28	0.1160	79	0.2750	138	0.0050
29	-0.0320	80	0.2520	139	0.0020
30	0.0450	81	0.1640	140	0.0010
32	-0.1440	82	-0.0580	141	0.0370
33	-0.1740	83	0.1280	142	0.0390
34	-0.0580	84	0.1760	143	0.0400
35	0.0910	85	0.2650	145	-0.0710
36	0.1480	86	0.2520	147	0.0370
37	0.1570	87	0.2260	151	0.1610
38	0.1690	88	0.1730	152	-0.0530
39	0.1820	89	-0.0790	153	-0.1140
40	0.1920	90	0.1990	154	-0.2700
41	0.1410	91	0.1870	155	0.1280
42	-0.0700	92	0.2100	156	0.2950
43	0.0360	93	0.2000	157	0.1640
44	-0.0280	94	0.1710	158	0.5300
45	-0.0810	95	-0.0920	159	0.4300
46	-0.0760	96	-0.2660	160	0.3960
47	0.0850	97	-0.0650	161	0.3290
48	0.1690	98	-0.0010	162	0.4650
49	0.1820	99	0.2350	163	0.4460
50	0.1940	100	0.1520	164	0.0040
51	0.2050	101	-0.2800	165	0.2450

ORF	CP	ORF	CP	ORF	CP
166	0.5520	217	-0.0550	268	-0.1660
167	0.4530	218	0.0440	269	0.1640
168	0.4140	219	0.1000	270	0.2770
169	0.3070	220	0.1530	271	-0.2520
170	0.3030	221	-0.0350	272	-0.2550
171	0.3490	222	-0.0750	273	0.1550
172	0.1940	223	0.1910	274	0.1790
173	0.1830	224	0.3390	275	0.3810
174	0.0850	225	0.3760	276	0.5240
175	-0.0930	226	0.2820	277	0.4390
176	-0.2240	227	-0.4890	278	-0.4340
177	-0.0090	228	-0.4110	279	-0.3870
178	-0.0980	229	-0.3110	280	-0.3260
179	-0.1130	230	-0.1120	281	-0.2710
180	-0.2940	231	0.0060	282	-0.1980
181	0.4410	232	0.0390	283	-0.0300
182	0.5710	233	0.0880	284	0.1150
183	0.5830	234	0.1500	285	0.1650
184	0.7830	235	0.0050	286	-0.2660
185	0.8140	236	0.0450	287	-0.1670
186	0.8460	237	0.2450	288	0.1450
187	0.8880	238	0.2290	289	0.1920
188	1.0000	239	0.3280	290	0.2590
189	1.0370	240	0.2600	291	-0.3420
190	0.4230	241	-0.3130	292	0.1770
191	-0.2930	242	-0.2680	325	0.1710
192	-0.3460	244	-0.0500	326	0.1700
193	-0.3470	245	-0.0050	327	0.1650
194	-0.3110	246	0.0140	328	0.1740
195	-0.3080	247	0.0760	329	0.1670
196	-0.3110	248	0.1350	330	0.1730
197	-0.2950	249	0.0550	331	0.1700
198	-0.2910	250	0.0550	332	0.1670
199	-0.2950	251	0.1180	333	0.1730
200	-0.2920	252	0.1450	334	0.1660
201	-0.2800	253	0.3700	335	0.1720
202	-0.2800	254	0.2940	336	0.1630
203	-0.2790	255	-0.5380	337	0.1710
204	-0.2760	256	-0.4790	338	0.1710
205	0.2870	257	-0.4170	339	0.1670
206	0.3360	258	-0.2400	340	0.1750
207	0.3350	259	-0.0400	341	0.1680
208	0.3180	260	0.0010	350	0.1660
210	0.3170	261	0.0940	351	0.1730
211	0.4770	262	0.1840	352	0.1720
212	0.4070	263	-0.0400	353	0.1700
213	-0.3570	264	-0.0840	354	0.1790
214	-0.2910	265	0.1560	355	0.1770
215	-0.2360	266	0.2500		
216	-0.1660	267	-0.0770		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 621
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 42.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.352
TUNNEL DYNAMIC PRESSURE(PSF) = 823.
TUNNEL STAGNATION PRESSURE(PSF) = 1913.
TUNNEL STATIC PRESSURE(PSF) = 643.
REYNOLDS NUMBER PER FOOT = 4.0050E 06
MODEL ANGLE OF ATTACK(DEG) = 2.06
FIN ANGLE(DEG) = 0.07
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 555.

SCANIVALUE	CP(REF)
147	1.1207
247	1.1197
347	1.1207
447	1.1217
547	1.1207
647	1.1197
747	1.1197

ORF	CP	ORF	CP	ORF	CP
1	0.3507	52	0.1617	102	-0.2293
2	0.0077	53	0.0357	103	-0.4483
3	-0.2133	54	-0.0453	104	-0.4153
4	-0.1763	55	0.0327	105	-0.3713
5	-0.1703	56	-0.0353	110	-0.1113
6	-0.1733	57	-0.0703	111	-0.1083
7	-0.1603	58	-0.1013	112	-0.0983
8	-0.1403	59	-0.1203	113	-0.1213
9	-0.0683	60	-0.0903	114	0.1497
10	0.0047	61	0.0377	115	0.1497
11	0.0587	62	0.1427	116	0.1497
12	0.1077	63	0.1567	117	0.1467
13	0.1307	64	-0.0353	118	0.1447
14	0.0657	65	-0.0463	119	0.1497
15	-0.0323	66	0.0147	120	-0.1633
16	0.0927	67	-0.0193	121	0.1107
17	-0.0723	68	-0.0533	122	0.1417
18	-0.1533	69	-0.0743	123	0.1487
19	-0.1723	70	-0.0893	124	-0.1093
20	-0.1763	71	-0.0243	125	-0.1223
21	-0.1633	72	0.1417	126	-0.0933
22	-0.1503	73	0.1457	127	-0.1083
23	-0.0873	74	-0.0223	128	-0.1553
24	0.0177	75	0.0297	129	-0.1873
25	0.0777	76	-0.0033	135	-0.0983
26	0.1187	77	-0.0293	136	-0.0953
27	0.1407	78	-0.0383	137	-0.0923
28	0.0727	79	-0.0343	138	-0.0183
29	-0.0383	80	0.1017	139	-0.0193
30	0.0227	81	0.1207	140	-0.0203
32	-0.1333	82	-0.0203	141	0.0137
33	-0.1623	83	0.0417	142	0.0147
34	-0.1693	84	0.0237	143	0.0157
35	-0.1613	85	-0.0033	145	-0.0963
36	-0.1103	86	-0.0213	147	0.0147
37	-0.0063	87	0.0617	151	0.1917
38	0.0757	88	0.1187	152	-0.0363
39	0.1207	89	-0.0343	153	-0.1073
40	0.1457	90	-0.1383	154	-0.2413
41	0.0987	91	0.0697	155	0.1117
42	-0.0413	92	0.0267	156	0.2877
43	0.0117	93	0.0087	157	0.1627
44	-0.0513	94	0.0577	158	0.4767
45	-0.1013	95	-0.0603	159	0.4037
46	-0.1323	96	-0.0763	160	0.3587
47	-0.1493	97	-0.1013	161	0.2817
48	-0.1423	98	0.1947	162	0.4137
49	-0.0583	99	0.2427	163	0.3897
50	0.0837	100	0.0697	164	-0.0173
51	0.1427	101	-0.2643	165	0.2017

ORF	CP	ORF	CP	ORF	CP
166	0.5057	217	0.0647	268	-0.2113
167	0.3687	218	0.0927	269	0.1787
168	0.3357	219	0.0887	270	0.2677
169	0.2307	220	0.1087	271	-0.2483
170	0.3827	221	-0.0313	272	-0.2593
171	0.2407	222	-0.0683	273	0.1647
172	0.0957	223	0.2037	274	0.1727
173	0.1597	224	0.3167	275	0.3607
174	0.0727	225	0.3087	276	0.5077
175	-0.1023	226	0.2117	277	0.4157
176	-0.2143	227	-0.2893	278	-0.4453
177	0.0147	228	-0.2353	279	-0.4023
178	-0.0453	229	-0.1833	280	-0.3083
179	-0.0543	230	-0.0583	281	-0.1963
180	-0.2883	231	0.0337	282	-0.1673
181	0.4377	232	0.0507	283	-0.1783
182	0.5907	233	0.0647	284	-0.0333
183	0.5207	234	0.0997	285	0.1267
184	0.6327	235	0.0067	286	-0.2723
185	0.6427	236	0.0407	287	-0.1213
186	0.6227	237	0.2197	288	0.1457
187	0.6317	238	0.1867	289	0.1687
188	0.6817	239	0.3317	290	0.2587
189	0.7367	240	0.2687	291	-0.3693
190	0.4657	241	-0.4533	292	0.1387
191	-0.2873	242	-0.3693	325	0.1627
192	-0.3113	244	-0.0943	326	0.1677
193	-0.3103	245	-0.0413	327	0.1667
194	-0.2903	246	-0.0133	328	0.1657
195	-0.3043	247	0.0547	329	0.1707
196	-0.3033	248	0.1347	330	0.1707
197	-0.2943	249	0.0247	331	0.1687
198	-0.2913	250	0.0397	332	0.1657
199	-0.2973	251	0.1297	333	0.1677
200	-0.2893	252	0.1897	334	0.1727
201	-0.2773	253	0.4707	335	0.1717
202	-0.2783	254	0.4207	336	0.1587
203	-0.2753	255	-0.5103	337	0.1637
204	-0.2743	256	-0.4513	338	0.1677
205	0.2787	257	-0.3993	339	0.1677
206	0.3087	258	-0.3263	340	0.1657
207	0.3217	259	-0.2223	341	0.1707
208	0.3197	260	-0.0993	350	0.1547
210	0.3317	261	0.0147	351	0.1487
211	0.3837	262	0.1817	352	0.1507
212	0.3097	263	-0.0823	353	0.1527
213	-0.3753	264	-0.1063	354	0.1557
214	-0.2773	265	0.1657	355	0.1547
215	-0.2373	266	0.2487		
216	-0.0993	267	-0.0773		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 622
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 42.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.351
TUNNEL DYNAMIC PRESSURE(PSF) = 823.
TUNNEL STAGNATION PRESSURE(PSF) = 1915.
TUNNEL STATIC PRESSURE(PSF) = 644.
REYNOLDS NUMBER PER FOOT = 4.0040E 06
MODEL ANGLE OF ATTACK(DEG) = 3.96
FIN ANGLE(DEG) = 0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 556.

SCANIVALUE	CP(REF)
147	1.1185
247	1.1175
347	1.1175
447	1.1185
547	1.1185
647	1.1175
747	1.1185

ORF	CP	ORF	CP	ORF	CP
1	0.2195	52	0.0365	102	-0.2115
2	-0.0565	53	-0.0615	103	-0.4555
3	-0.1305	54	-0.1385	104	-0.4185
4	-0.0975	55	-0.2715	105	-0.3755
5	-0.1065	56	-0.0855	110	-0.0955
6	-0.1175	57	-0.0945	111	-0.0905
7	-0.1215	58	-0.1055	112	-0.0855
8	-0.1185	59	-0.1135	113	-0.1075
9	-0.0925	60	-0.1125	114	0.1625
10	-0.0455	61	-0.0915	115	0.1665
11	-0.0025	62	-0.0315	116	0.1675
12	0.0285	63	0.0495	117	0.1685
13	0.0615	64	-0.1055	118	0.1585
14	-0.0195	65	-0.0765	119	0.1605
15	-0.1085	66	-0.3535	120	-0.1485
16	0.0095	67	-0.0995	121	0.1385
17	-0.0825	68	-0.0855	122	0.1575
18	-0.1075	69	-0.0955	123	0.1675
19	-0.1155	70	-0.0975	124	-0.0995
20	-0.1185	71	-0.0835	125	-0.1115
21	-0.1185	72	-0.0845	126	-0.0875
22	-0.1205	73	-0.0125	127	-0.1005
23	-0.0895	74	-0.1205	128	-0.1455
24	-0.0595	75	-0.3705	129	-0.1775
25	0.0035	76	-0.2145	135	-0.0895
26	0.0335	77	-0.0695	136	-0.0875
27	0.0355	78	-0.0695	137	-0.0855
28	-0.0315	79	-0.0695	138	-0.0085
29	-0.1265	80	-0.0685	139	-0.0075
30	-0.0545	81	-0.0585	140	-0.0085
32	-0.1135	82	-0.1165	141	0.0245
33	-0.1195	83	-0.2855	142	0.0255
34	-0.1255	84	-0.2425	143	0.0265
35	-0.1235	85	-0.0815	145	-0.0885
36	-0.0975	86	-0.0605	147	0.0255
37	-0.0695	87	-0.0185	151	0.2185
38	-0.0135	88	0.0315	152	-0.0325
39	0.0245	89	-0.1165	153	-0.1135
40	0.0395	90	-0.4255	154	-0.2255
41	-0.0045	91	-0.2175	155	0.1145
42	-0.1265	92	-0.0745	156	0.1935
43	-0.1085	93	0.0025	157	0.1225
44	-0.0895	94	-0.0075	158	0.3685
45	-0.1075	95	-0.2085	159	0.3075
46	-0.1065	96	0.1445	160	0.2425
47	-0.1175	97	-0.0875	161	0.1605
48	-0.1175	98	0.2625	162	0.3375
49	-0.0995	99	0.3315	163	0.3105
50	-0.0515	100	0.0565	164	-0.0045
51	-0.0015	101	-0.2645	165	0.1165

ORF	CP	ORF	CP	ORF	CP
166	0.4085	217	0.0945	268	-0.1695
167	0.3115	218	0.0995	269	0.1435
168	0.3025	219	0.0955	270	0.1965
169	0.2105	220	0.0995	271	-0.2385
170	0.3485	221	-0.0395	272	-0.1345
171	0.2325	222	-0.0555	273	0.1525
172	0.0935	223	0.2115	274	0.1365
173	0.1635	224	0.2885	275	0.3085
174	0.0675	225	0.2915	276	0.3785
175	-0.0695	226	0.2155	277	0.2845
176	-0.1985	227	-0.2335	278	-0.4215
177	0.0065	228	-0.2095	279	-0.3605
178	-0.0125	229	-0.1275	280	-0.2505
179	-0.0115	230	-0.0165	281	-0.1095
180	-0.2875	231	0.0375	282	-0.0945
181	0.4105	232	0.0495	283	-0.1225
182	0.5605	233	0.0755	284	-0.0675
183	0.4165	234	0.0975	285	0.0565
184	0.5065	235	0.0005	286	-0.2245
185	0.5335	236	0.0465	287	-0.0895
186	0.5635	237	0.1895	288	0.1295
187	0.5925	238	0.1845	289	0.1425
188	0.6745	239	0.3775	290	0.2085
189	0.7525	240	0.3365	291	-0.3865
190	0.4515	241	-0.4975	292	0.1605
191	-0.2955	242	-0.4085	325	0.1685
192	-0.3095	244	-0.2005	326	0.1725
193	-0.3125	245	-0.1085	327	0.1745
194	-0.3135	246	-0.0315	328	0.1665
195	-0.2975	247	0.0665	329	0.1685
196	-0.3075	248	0.1385	330	0.1635
197	-0.2925	249	-0.0035	331	0.1715
198	-0.2895	250	0.0205	332	0.1735
199	-0.2955	251	0.1395	333	0.1675
200	-0.2885	252	0.1965	334	0.1695
201	-0.2775	253	0.4535	335	0.1645
202	-0.2795	254	0.3745	336	0.1645
203	-0.2775	255	-0.5155	337	0.1675
204	-0.2765	256	-0.4555	338	0.1735
205	0.2715	257	-0.3895	339	0.1755
206	0.2895	258	-0.2845	340	0.1655
207	0.3225	259	-0.1545	341	0.1685
208	0.3275	260	-0.1145	350	0.1605
210	0.3225	261	0.0005	351	0.1655
211	0.2895	262	0.1155	352	0.1725
212	0.2285	263	-0.1075	353	0.1695
213	-0.2355	264	-0.1135	354	0.1695
214	-0.1675	265	0.1445	355	0.1705
215	-0.1095	266	0.1865		
216	0.0145	267	-0.1235		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 623
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 42.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.350
TUNNEL DYNAMIC PRESSURE(PSF) = 824.
TUNNEL STAGNATION PRESSURE(PSF) = 1916.
TUNNEL STATIC PRESSURE(PSF) = 645.
REYNOLDS NUMBER PER FOOT = 4.0030E 06
MODEL ANGLE OF ATTACK(DEG) = 5.98
FIN ANGLE(DEG) = -0.07
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 556.

SCANIVALUE	CP(REF)
147	1.1172
247	1.1162
347	1.1162
447	1.1172
547	1.1172
647	1.1172
747	1.1172

ORF	CP	ORF	CP	ORF	CP
1	0.0912	52	-0.0308	102	-0.2238
2	-0.1038	53	-0.1398	103	-0.5138
3	-0.1258	54	-0.1718	104	-0.4748
4	-0.1008	55	-0.4358	105	-0.4308
5	-0.0978	56	-0.2938	110	-0.0918
6	-0.0988	57	-0.2128	111	-0.0858
7	-0.0918	58	-0.1698	112	-0.0838
8	-0.0768	59	-0.1458	113	-0.1058
9	-0.0518	60	-0.1268	114	0.1612
10	-0.0278	61	-0.0978	115	0.1552
11	-0.0098	62	-0.0508	116	0.1592
12	0.0102	63	-0.0408	117	0.1572
13	0.0132	64	-0.1808	118	0.1512
14	-0.0658	65	-0.1768	119	0.1542
15	-0.1458	66	-0.4628	120	-0.1438
16	-0.1268	67	-0.3278	121	0.1322
17	-0.1408	68	-0.2358	122	0.1612
18	-0.1348	69	-0.1598	123	0.1552
19	-0.1318	70	-0.1148	124	-0.1058
20	-0.1238	71	-0.1188	125	-0.1138
21	-0.1138	72	-0.0818	126	-0.0908
22	-0.1038	73	-0.0838	127	-0.1038
23	-0.0848	74	-0.2158	128	-0.0938
24	-0.0548	75	-0.4868	129	-0.1618
25	-0.0298	76	-0.3438	135	-0.0968
26	-0.0178	77	-0.2618	136	-0.0928
27	-0.0228	78	-0.1818	137	-0.0918
28	-0.0918	79	-0.1328	138	-0.0108
29	-0.1688	80	-0.1078	139	-0.0078
30	-0.2678	81	-0.1238	140	-0.0098
32	-0.1538	82	-0.2188	141	0.0292
33	-0.1388	83	-0.3628	142	0.0292
34	-0.1248	84	-0.3528	143	0.0302
35	-0.1058	85	-0.2788	145	-0.0968
36	-0.0868	86	-0.2158	147	0.0332
37	-0.0558	87	-0.1038	151	0.2152
38	-0.0358	88	-0.0688	152	-0.0548
39	-0.0278	89	-0.2208	153	-0.1178
40	-0.0388	90	-0.5178	154	-0.2228
41	-0.0928	91	-0.3678	155	0.1082
42	-0.1868	92	-0.2588	156	0.1442
43	-0.3538	93	-0.2078	157	0.0592
44	-0.2598	94	-0.1648	158	0.2992
45	-0.1948	95	-0.2828	159	0.2442
46	-0.1528	96	0.2502	160	0.1912
47	-0.1148	97	-0.0538	161	0.0882
48	-0.1068	98	0.3392	162	0.3042
49	-0.0748	99	0.4422	163	0.2592
50	-0.0458	100	0.0772	164	-0.0098
51	-0.0368	101	-0.2518	165	0.0702

ORF	CP	ORF	CP	ORF	CP
166	0.3722	217	0.0862	268	-0.1338
167	0.3142	218	0.0882	269	0.0962
168	0.3032	219	0.0952	270	0.1232
169	0.2212	220	0.0982	271	-0.2308
170	0.3312	221	-0.0628	272	-0.0958
171	0.2332	222	-0.0638	273	0.1122
172	0.1042	223	0.1932	274	0.1082
173	0.1622	224	0.2412	275	0.2362
174	0.0702	225	0.2622	276	0.2502
175	-0.0578	226	0.1852	277	0.1692
176	-0.1998	227	-0.2538	278	-0.3358
177	-0.0118	228	-0.1908	279	-0.2978
178	-0.0428	229	-0.1198	280	-0.2178
179	-0.0358	230	-0.0298	281	-0.1108
180	-0.2918	231	0.0142	282	-0.0838
181	0.3252	232	0.0392	283	-0.0978
182	0.4852	233	0.0712	284	-0.0488
183	0.3772	234	0.0902	285	0.0172
184	0.4752	235	-0.0118	286	-0.2248
185	0.5292	236	0.0202	287	-0.1018
186	0.5832	237	0.1692	288	0.1142
187	0.6582	238	0.1662	289	0.1382
188	0.7522	239	0.3762	290	0.1252
189	0.8702	240	0.3442	291	-0.3848
190	0.4942	241	-0.4998	292	0.2012
191	-0.3098	242	-0.4288	325	0.1612
192	-0.3048	244	-0.2698	326	0.1632
193	-0.3098	245	-0.1198	327	0.1612
194	-0.3288	246	0.0042	328	0.1572
195	-0.3048	247	0.0502	329	0.1602
196	-0.3158	248	0.1012	330	0.1582
197	-0.2978	249	-0.0518	331	0.1652
198	-0.2928	250	-0.0158	332	0.1612
199	-0.2988	251	0.1022	333	0.1572
200	-0.2968	252	0.1322	334	0.1602
201	-0.2828	253	0.3202	335	0.1582
202	-0.2838	254	0.2532	336	0.1612
203	-0.2838	255	-0.4928	337	0.1612
204	-0.2828	256	-0.4298	338	0.1622
205	0.2562	257	-0.3518	339	0.1602
206	0.2562	258	-0.2018	340	0.1572
207	0.2912	259	-0.1018	341	0.1632
208	0.3012	260	-0.0798	350	0.1522
210	0.2872	261	-0.0228	351	0.1562
211	0.2202	262	0.0572	352	0.1582
212	0.1772	263	-0.1358	353	0.1532
213	-0.1878	264	-0.0808	354	0.1552
214	-0.1208	265	0.1012	355	0.1582
215	-0.0488	266	0.1212		
216	0.0552	267	-0.1548		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 624
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 42.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.354
TUNNEL DYNAMIC PRESSURE(PSF) = 824.
TUNNEL STAGNATION PRESSURE(PSF) = 1917.
TUNNEL STATIC PRESSURE(PSF) = 642.
REYNOLDS NUMBER PER FOOT = 4.0030E 06
MODEL ANGLE OF ATTACK(DEG) = 7.90
FIN ANGLE(DEG) = -0.09
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 556.

SCANIVALUE	CP(REF)
147	1.1189
247	1.1189
347	1.1189
447	1.1199
547	1.1199
647	1.1189
747	1.1189

ORF	CP	ORF	CP	ORF	CP
1	-0.0661	52	-0.1301	102	-0.2591
2	-0.1871	53	-0.2031	103	-0.5391
3	-0.1891	54	-0.2271	104	-0.4971
4	-0.1571	55	-0.4051	105	-0.4271
5	-0.1241	56	-0.3891	110	-0.0931
6	-0.1011	57	-0.3521	111	-0.0881
7	-0.0911	58	-0.3211	112	-0.0881
8	-0.0641	59	-0.2951	113	-0.1101
9	-0.0331	60	-0.2651	114	0.1429
10	-0.0191	61	-0.2381	115	0.1479
11	-0.0201	62	-0.2121	116	0.1429
12	-0.0031	63	-0.1971	117	0.1409
13	-0.0071	64	-0.2851	118	0.1459
14	-0.0771	65	-0.2701	119	0.1459
15	-0.1621	66	-0.4421	120	-0.1601
16	-0.2641	67	-0.3991	121	0.1139
17	-0.2541	68	-0.3621	122	0.1399
18	-0.2371	69	-0.3241	123	0.1439
19	-0.2181	70	-0.3021	124	-0.1211
20	-0.1941	71	-0.2881	125	-0.1301
21	-0.1681	72	-0.2691	126	-0.1081
22	-0.1381	73	-0.2711	127	-0.1201
23	-0.1111	74	-0.3451	128	-0.1551
24	-0.0871	75	-0.4371	129	-0.1841
25	-0.0491	76	-0.3931	135	-0.1121
26	-0.0351	77	-0.3601	136	-0.1091
27	-0.0411	78	-0.3281	137	-0.1111
28	-0.0931	79	-0.3061	138	-0.0141
29	-0.1891	80	-0.2981	139	-0.0151
30	-0.3591	81	-0.3291	140	-0.0161
32	-0.2861	82	-0.3701	141	0.0379
33	-0.2381	83	-0.3211	142	0.0389
34	-0.2061	84	-0.4141	143	0.0399
35	-0.1721	85	-0.3711	145	-0.1141
36	-0.1521	86	-0.3461	147	0.0409
37	-0.1231	87	-0.3211	151	0.1519
38	-0.0991	88	-0.3091	152	-0.0691
39	-0.0821	89	-0.3661	153	-0.1391
40	-0.0821	90	-0.4651	154	-0.2311
41	-0.1261	91	-0.4211	155	0.0509
42	-0.2071	92	-0.3651	156	0.1019
43	-0.3931	93	-0.3451	157	0.0159
44	-0.3721	94	-0.3511	158	0.2429
45	-0.3311	95	-0.4491	159	0.1869
46	-0.2981	96	0.3229	160	0.1469
47	-0.2601	97	-0.0121	161	0.0369
48	-0.2121	98	0.4059	162	0.2769
49	-0.1831	99	0.5039	163	0.2269
50	-0.1441	100	0.0959	164	-0.0171
51	-0.1351	101	-0.2891	165	0.0439

ORF	CP	ORF	CP	ORF	CP
166	0.3679	217	0.0669	268	-0.1561
167	0.3429	218	0.0759	269	0.0699
168	0.3259	219	0.0899	270	0.1169
169	0.2529	220	0.0859	271	-0.2591
170	0.3359	221	-0.1241	272	-0.1011
171	0.2629	222	-0.0741	273	0.1079
172	0.1289	223	0.1729	274	0.1089
173	0.1379	224	0.2199	275	0.1549
174	0.0249	225	0.2219	276	0.1389
175	-0.0771	226	0.1619	277	0.0709
176	-0.2171	227	-0.3261	278	-0.3351
177	-0.0441	228	-0.2671	279	-0.2811
178	-0.1211	229	-0.1871	280	-0.2131
179	-0.0761	230	-0.0791	281	-0.1451
180	-0.2861	231	-0.0051	282	-0.0951
181	0.2299	232	0.0299	283	-0.0791
182	0.3939	233	0.0569	284	-0.0301
183	0.3569	234	0.0679	285	-0.0011
184	0.4679	235	-0.0451	286	-0.2651
185	0.5159	236	-0.0071	287	-0.1331
186	0.5849	237	0.1539	288	0.1129
187	0.6859	238	0.1479	289	0.1779
188	0.7859	239	0.2539	290	0.0799
189	0.8659	240	0.2229	291	-0.4131
190	0.5469	241	-0.3911	292	0.2569
191	-0.3131	242	-0.3231	325	0.1539
192	-0.3111	244	-0.1561	326	0.1569
193	-0.3141	245	-0.0471	327	0.1609
194	-0.3241	246	-0.0121	328	0.1569
195	-0.3051	247	0.0059	329	0.1599
196	-0.3181	248	0.0379	330	0.1569
197	-0.2971	249	-0.0691	331	0.1589
198	-0.2971	250	-0.0441	332	0.1619
199	-0.2981	251	0.0419	333	0.1559
200	-0.2981	252	0.0519	334	0.1599
201	-0.2861	253	0.2139	335	0.1589
202	-0.2851	254	0.1419	336	0.1599
203	-0.2861	255	-0.3741	337	0.1549
204	-0.2841	256	-0.2661	338	0.1559
205	0.1949	257	-0.1901	339	0.1599
206	0.1789	258	-0.1081	340	0.1559
207	0.2199	259	-0.0741	341	0.1619
208	0.2589	260	-0.0761	350	0.1459
210	0.2529	261	-0.0451	351	0.1459
211	0.1679	262	0.0089	352	0.1479
212	0.1349	263	-0.1521	353	0.1459
213	-0.2361	264	-0.1121	354	0.1449
214	-0.1591	265	0.0549	355	0.1459
215	-0.0891	266	0.0909		
216	0.0209	267	-0.1841		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 625
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 42.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.351
TUNNEL DYNAMIC PRESSURE(PSF) = 825.
TUNNEL STAGNATION PRESSURE(PSF) = 1920.
TUNNEL STATIC PRESSURE(PSF) = 646.
REYNOLDS NUMBER PER FOOT = 4.0040E 06
MODEL ANGLE OF ATTACK(DEG) = 11.96
FIN ANGLE(DEG) = -0.13
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 557.

SCANIVALUE	CP(REF)
147	1.1140
247	1.1120
347	1.1130
447	1.1140
547	1.1160
647	1.1150
747	1.1160

ORF	CP	ORF	CP	ORF	CP
1	-0.2950	52	-0.4430	102	-0.3500
2	-0.3750	53	-0.4360	103	-0.5840
3	-0.3580	54	-0.4300	104	-0.5310
4	-0.3570	55	-0.5100	105	-0.4150
5	-0.3420	56	-0.5130	110	-0.0920
6	-0.3080	57	-0.5020	111	-0.0890
7	-0.2500	58	-0.5010	112	-0.0870
8	-0.1850	59	-0.4900	113	-0.1130
9	-0.1390	60	-0.4780	114	0.1310
10	-0.0900	61	-0.4820	115	0.1280
11	-0.0710	62	-0.4790	116	0.1310
12	-0.0420	63	-0.4800	117	0.1320
13	-0.0070	64	-0.5030	118	0.1340
14	-0.0570	65	-0.5280	119	0.1340
15	-0.1490	66	-0.4840	120	-0.1780
16	-0.4780	67	-0.4930	121	0.1020
17	-0.5190	68	-0.4960	122	0.1330
18	-0.5270	69	-0.5000	123	0.1370
19	-0.5240	70	-0.4920	124	-0.1590
20	-0.5170	71	-0.4880	125	-0.1710
21	-0.4920	72	-0.4920	126	-0.1500
22	-0.4680	73	-0.5030	127	-0.1630
23	-0.4180	74	-0.5030	128	-0.1800
24	-0.3420	75	-0.4780	129	-0.2110
25	-0.2610	76	-0.4900	135	-0.1580
26	-0.1620	77	-0.4950	136	-0.1540
27	-0.0850	78	-0.4950	137	-0.1490
28	-0.0870	79	-0.5040	138	-0.0370
29	-0.1800	80	-0.5030	139	-0.0460
30	-0.5450	81	-0.4900	140	-0.0410
32	-0.5120	82	-0.4420	141	0.0440
33	-0.5010	83	-0.3620	142	0.0360
34	-0.4930	84	-0.4920	143	0.0550
35	-0.4820	85	-0.5020	145	-0.1550
36	-0.4600	86	-0.5120	147	0.0500
37	-0.4450	87	-0.4950	151	0.0410
38	-0.4140	88	-0.4500	152	-0.1240
39	-0.3750	89	-0.4220	153	-0.1880
40	-0.3180	90	-0.4690	154	-0.2290
41	-0.2940	91	-0.4550	155	-0.0370
42	-0.2970	92	-0.4300	156	0.0210
43	-0.5330	93	-0.4140	157	-0.0500
44	-0.5290	94	-0.4010	158	0.1850
45	-0.5270	95	-0.3790	159	0.0580
46	-0.5100	96	0.4470	160	0.0320
47	-0.4980	97	0.0500	161	-0.0480
48	-0.4820	98	0.5600	162	0.1690
49	-0.4670	99	0.5890	163	0.1090
50	-0.4500	100	0.1440	164	-0.0510
51	-0.4380	101	-0.3690	165	-0.0350

ORF	CP	ORF	CP	ORF	CP
166	0.2330	217	-0.0120	268	-0.2790
167	0.1890	218	0.0210	269	0.0480
168	0.1480	219	0.0230	270	0.1280
169	0.0900	220	-0.0010	271	-0.3300
170	0.2050	221	-0.2090	272	-0.1740
171	0.0870	222	-0.1670	273	0.1110
172	-0.0430	223	0.0910	274	0.1440
173	0.0210	224	0.1340	275	0.0590
174	-0.0840	225	0.1500	276	-0.0450
175	-0.2050	226	0.0730	277	-0.1190
176	-0.3200	227	-0.3410	278	-0.5060
177	-0.1610	228	-0.2950	279	-0.4470
178	-0.2060	229	-0.2270	280	-0.3860
179	-0.1580	230	-0.1310	281	-0.3320
180	-0.2810	231	-0.0480	282	-0.2950
181	0.1810	232	-0.0290	283	-0.2500
182	0.3340	233	-0.0200	284	-0.1350
183	0.2760	234	-0.0210	285	-0.0310
184	0.3640	235	-0.1280	286	-0.3580
185	0.3730	236	-0.0800	287	-0.2060
186	0.3910	237	0.0640	288	0.1470
187	0.4620	238	0.0510	289	0.2420
188	0.4420	239	0.1280	290	0.0400
189	0.4780	240	0.0700	291	-0.4600
190	0.6070	241	-0.2350	292	0.3600
191	-0.3190	242	-0.1620	325	0.1500
192	-0.3140	244	-0.0660	326	0.1440
193	-0.3290	245	-0.0590	327	0.1410
194	-0.3380	246	-0.0650	328	0.1470
195	-0.3250	247	-0.0710	329	0.1460
196	-0.3230	248	-0.0510	330	0.1460
197	-0.3040	249	-0.1310	331	0.1450
198	-0.3040	250	-0.1090	332	0.1410
199	-0.3200	251	-0.0460	333	0.1450
200	-0.3070	252	-0.0270	334	0.1480
201	-0.2960	253	0.1630	335	0.1480
202	-0.2920	254	0.1250	336	0.1400
203	-0.2950	255	-0.4180	337	0.1500
204	-0.2940	256	-0.2720	338	0.1440
205	0.0360	257	-0.2060	339	0.1420
206	0.0910	258	-0.1590	340	0.1460
207	0.0620	259	-0.1480	341	0.1460
208	0.1300	260	-0.1610	350	0.1310
210	0.1190	261	-0.1710	351	0.1350
211	0.0380	262	-0.0640	352	0.1300
212	0.0200	263	-0.2290	353	0.1220
213	-0.2590	264	-0.2170	354	0.1280
214	-0.1930	265	0.0280	355	0.1300
215	-0.1540	266	0.0930		
216	-0.0730	267	-0.2370		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 626
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 42.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.351
TUNNEL DYNAMIC PRESSURE(PSF) = 825.
TUNNEL STAGNATION PRESSURE(PSF) = 1920.
TUNNEL STATIC PRESSURE(PSF) = 646.
REYNOLDS NUMBER PER FOOT = 3.9980E 06
MODEL ANGLE OF ATTACK(DEG) = 14.15
FIN ANGLE(DEG) = -0.15
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 557.

SCANIVALUE	CP(REF)
147	1.1140
247	1.1130
347	1.1130
447	1.1140
547	1.1140
647	1.1150
747	1.1140

ORF	CP	ORF	CP	ORF	CP
1	-0.3810	52	-0.5220	102	-0.4260
2	-0.4720	53	-0.5030	103	-0.5840
3	-0.4480	54	-0.5030	104	-0.5290
4	-0.4650	55	-0.6190	105	-0.4610
5	-0.4580	56	-0.6170	110	-0.0930
6	-0.4540	57	-0.6160	111	-0.0860
7	-0.4050	58	-0.6020	112	-0.0840
8	-0.3360	59	-0.5860	113	-0.1130
9	-0.2610	60	-0.5700	114	0.1170
10	-0.2110	61	-0.5600	115	0.1200
11	-0.1690	62	-0.5480	116	0.1150
12	-0.1330	63	-0.5340	117	0.1140
13	-0.0900	64	-0.5470	118	0.1200
14	-0.0920	65	-0.5610	119	0.1170
15	-0.1610	66	-0.5890	120	-0.2000
16	-0.5630	67	-0.5950	121	0.0780
17	-0.6150	68	-0.5990	122	0.1160
18	-0.6350	69	-0.5980	123	0.1210
19	-0.6340	70	-0.5920	124	-0.1810
20	-0.6270	71	-0.5820	125	-0.1970
21	-0.6170	72	-0.5770	126	-0.1720
22	-0.6060	73	-0.5740	127	-0.1860
23	-0.5800	74	-0.5390	128	-0.1700
24	-0.5360	75	-0.5540	129	-0.2310
25	-0.4730	76	-0.5590	135	-0.1770
26	-0.4070	77	-0.5560	136	-0.1680
27	-0.2790	78	-0.5560	137	-0.1640
28	-0.2100	79	-0.5550	138	-0.0390
29	-0.2230	80	-0.5440	139	-0.0450
30	-0.6280	81	-0.5200	140	-0.0430
32	-0.6020	82	-0.4930	141	0.0590
33	-0.5910	83	-0.4000	142	0.0260
34	-0.5830	84	-0.5380	143	0.0620
35	-0.5710	85	-0.5220	145	-0.1670
36	-0.5620	86	-0.5040	147	0.0240
37	-0.5530	87	-0.4830	151	-0.0750
38	-0.5330	88	-0.4670	152	-0.2280
39	-0.5110	89	-0.4530	153	-0.2140
40	-0.4850	90	-0.5080	154	-0.2270
41	-0.4660	91	-0.4880	155	-0.1390
42	-0.4310	92	-0.4640	156	-0.0080
43	-0.6380	93	-0.4450	157	-0.0070
44	-0.6350	94	-0.4280	158	0.3100
45	-0.6220	95	-0.4130	159	0.0240
46	-0.6020	96	0.3510	160	0.0460
47	-0.5840	97	0.0710	161	0.0320
48	-0.5670	98	0.6240	162	0.1380
49	-0.5510	99	0.6200	163	0.0780
50	-0.5340	100	0.1640	164	-0.0710
51	-0.5250	101	-0.4260	165	-0.0500

ORF	CP	ORF	CP	ORF	CP
166	0.1470	217	-0.0300	268	-0.3630
167	0.0760	218	-0.0170	269	0.0280
168	0.0420	219	-0.0220	270	0.1410
169	-0.0350	220	-0.0500	271	-0.3880
170	0.1240	221	-0.2120	272	-0.2020
171	0.0030	222	-0.2020	273	0.1290
172	-0.1120	223	0.0450	274	0.1590
173	-0.0290	224	0.0760	275	0.0320
174	-0.1080	225	0.1240	276	-0.1380
175	-0.2280	226	0.0660	277	-0.2100
176	-0.3110	227	-0.3250	278	-0.6230
177	-0.2420	228	-0.2800	279	-0.5750
178	-0.2470	229	-0.2180	280	-0.5110
179	-0.2160	230	-0.1370	281	-0.4670
180	-0.2940	231	-0.0650	282	-0.4410
181	0.3110	232	-0.0530	283	-0.4190
182	0.4010	233	-0.0560	284	-0.2610
183	0.1990	234	-0.0700	285	-0.1220
184	0.2900	235	-0.1710	286	-0.4300
185	0.3110	236	-0.1210	287	-0.2420
186	0.3380	237	0.0150	288	0.1810
187	0.3610	238	-0.0000	289	0.2730
188	0.3890	239	0.1030	290	0.0300
189	0.3980	240	0.0470	291	-0.4510
190	0.6570	241	-0.2610	292	0.4120
191	-0.3320	242	-0.1780	325	0.1260
192	-0.3240	244	-0.1000	326	0.1250
193	-0.3380	245	-0.1060	327	0.1250
194	-0.3430	246	-0.1130	328	0.1240
195	-0.3390	247	-0.1300	329	0.1180
196	-0.3310	248	-0.1050	330	0.1250
197	-0.3140	249	-0.1980	331	0.1270
198	-0.3130	250	-0.1540	332	0.1240
199	-0.3340	251	-0.0700	333	0.1250
200	-0.3180	252	-0.0280	334	0.1170
201	-0.3030	253	0.1660	335	0.1240
202	-0.3010	254	0.1420	336	0.1270
203	-0.3010	255	-0.4540	337	0.1270
204	-0.3010	256	-0.3530	338	0.1260
205	-0.0450	257	-0.2630	339	0.1260
206	0.0360	258	-0.2200	340	0.1240
207	-0.0230	259	-0.2280	341	0.1180
208	0.0930	260	-0.2520	350	0.1160
210	0.0540	261	-0.2730	351	0.1170
211	0.0540	262	-0.1870	352	0.1220
212	-0.0000	263	-0.2890	353	0.1210
213	-0.2380	264	-0.2710	354	0.1160
214	-0.1830	265	0.0150	355	0.1240
215	-0.1460	266	0.0750		
216	-0.0780	267	-0.2710		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 627
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 42.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.352
TUNNEL DYNAMIC PRESSURE(PSF) = 822.
TUNNEL STAGNATION PRESSURE(PSF) = 1911.
TUNNEL STATIC PRESSURE(PSF) = 642.
REYNOLDS NUMBER PER FOOT = 3.9840E 06
MODEL ANGLE OF ATTACK(DEG) = 0.13
FIN ANGLE(DEG) = -0.24
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 557.

SCANIVALUE	CP(REF)
147	1.1240
247	1.1220
347	1.1230
447	1.1230
547	1.1280
647	1.1270
747	1.1280

ORF	CP	ORF	CP	ORF	CP
1	0.3770	52	0.2080	102	-0.2280
2	0.0380	53	0.0620	103	-0.4460
3	-0.2710	54	-0.0670	104	-0.4170
4	-0.2430	55	0.0650	105	-0.3650
5	-0.2070	56	0.0060	110	-0.1040
6	-0.1080	57	-0.0280	111	-0.0990
7	0.0260	58	0.0550	112	-0.0880
8	0.0750	59	0.1890	113	-0.1110
9	0.1020	60	0.2030	114	0.1550
10	0.1290	61	0.2130	115	0.1640
11	0.1480	62	0.2180	116	0.1570
12	0.1580	63	0.2160	117	0.1570
13	0.1690	64	-0.0310	118	0.1570
14	0.0950	65	-0.0570	119	0.1620
15	0.0030	66	0.0710	120	-0.1490
16	0.1130	67	0.0400	121	0.1180
17	-0.0760	68	0.0550	122	0.1520
18	-0.2030	69	0.1630	123	0.1570
19	-0.2160	70	0.2210	124	-0.0940
20	-0.1410	71	0.2330	125	-0.1070
21	0.0310	72	0.2590	126	-0.0770
22	0.1050	73	0.2200	127	-0.0940
23	0.1330	74	-0.0420	128	-0.1350
24	0.1450	75	0.1020	129	-0.1720
25	0.1600	76	0.1250	135	-0.0820
26	0.1870	77	0.1700	136	-0.0800
27	0.1830	78	0.2350	137	-0.0780
28	0.1150	79	0.2680	138	-0.0050
29	-0.0310	80	0.2510	139	-0.0040
30	0.0510	81	0.1660	140	-0.0050
32	-0.1440	82	-0.0630	141	0.0280
33	-0.1780	83	0.1540	142	0.0290
34	-0.0920	84	0.1950	143	0.0290
35	0.0890	85	0.2720	145	-0.0800
36	0.1440	86	0.2510	147	0.0340
37	0.1590	87	0.2200	151	0.1680
38	0.1740	88	0.1750	152	-0.0510
39	0.1920	89	-0.0810	153	-0.1090
40	0.1910	90	0.1850	154	-0.2580
41	0.1450	91	0.2080	155	0.1290
42	-0.0690	92	0.2160	156	0.2980
43	0.0400	93	0.1910	157	0.1740
44	-0.0220	94	0.1660	158	0.5390
45	-0.0790	95	-0.0940	159	0.4300
46	-0.0760	96	-0.2650	160	0.4100
47	0.0690	97	-0.0610	161	0.3410
48	0.1640	98	-0.0010	162	0.4650
49	0.1880	99	0.2630	163	0.4610
50	0.1980	100	0.1460	164	-0.0040
51	0.2030	101	-0.2700	165	0.2550

ORF	CP	ORF	CP	ORF	CP
166	0.5470	217	-0.0410	268	-0.1600
167	0.4620	218	0.0490	269	0.1700
168	0.4310	219	0.1010	270	0.2770
169	0.3300	220	0.1510	271	-0.2370
170	0.3200	221	-0.0190	272	-0.2510
171	0.3590	222	-0.0460	273	0.1590
172	0.1950	223	0.1940	274	0.1830
173	0.1930	224	0.3390	275	0.3800
174	0.0880	225	0.3740	276	0.5230
175	-0.0980	226	0.2880	277	0.4470
176	-0.2220	227	-0.4830	278	-0.4330
177	-0.0040	228	-0.4100	279	-0.3970
178	-0.0890	229	-0.2950	280	-0.3300
179	-0.1160	230	-0.1170	281	-0.2650
180	-0.2930	231	0.0120	282	-0.2030
181	0.4190	232	0.0400	283	-0.0600
182	0.6160	233	0.0890	284	0.1130
183	0.5860	234	0.1520	285	0.1620
184	0.7720	235	0.0170	286	-0.2750
185	0.8180	236	0.0480	287	-0.1670
186	0.8410	237	0.2520	288	0.1440
187	0.9140	238	0.2310	289	0.2040
188	1.0130	239	0.3250	290	0.2580
189	1.0470	240	0.2590	291	-0.3520
190	0.4310	241	-0.3100	292	0.1750
191	-0.2920	242	-0.2700	325	0.1610
192	-0.3450	244	-0.0470	326	0.1620
193	-0.3450	245	-0.0060	327	0.1590
194	-0.3090	246	0.0160	328	0.1630
195	-0.3060	247	0.0820	329	0.1610
196	-0.3080	248	0.1340	330	0.1630
197	-0.2940	249	0.0490	331	0.1630
198	-0.2900	250	0.0590	332	0.1590
199	-0.2950	251	0.1190	333	0.1630
200	-0.2910	252	0.1520	334	0.1610
201	-0.2790	253	0.3710	335	0.1620
202	-0.2800	254	0.3090	336	0.1710
203	-0.2780	255	-0.5350	337	0.1610
204	-0.2760	256	-0.4790	338	0.1610
205	0.2880	257	-0.4120	339	0.1570
206	0.3270	258	-0.2440	340	0.1630
207	0.3260	259	-0.0480	341	0.1610
208	0.3170	260	0.0010	350	0.1630
210	0.3210	261	0.1060	351	0.1630
211	0.4800	262	0.1850	352	0.1660
212	0.4120	263	-0.0390	353	0.1640
213	-0.3600	264	-0.0690	354	0.1660
214	-0.2890	265	0.1810	355	0.1610
215	-0.2400	266	0.2550		
216	-0.1620	267	-0.0720		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 628
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 41.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.197
TUNNEL DYNAMIC PRESSURE(PSF) = 779.
TUNNEL STAGNATION PRESSURE(PSF) = 1876.
TUNNEL STATIC PRESSURE(PSF) = 777.
REYNOLDS NUMBER PER FOOT = 3.9710E 06
MODEL ANGLE OF ATTACK(DEG) = -14.20
FIN ANGLE(DEG) = -0.21
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 554.

SCANIVALUE	CP(REF)
147	1.0126
247	1.0116
347	1.0116
447	1.0126
547	1.0106
647	1.0106
747	1.0096

ORF	CP	ORF	CP	ORF	CP
1	0.7456	52	0.3536	102	-0.4544
2	0.3446	53	0.0996	103	-0.6944
3	0.4296	54	0.0036	104	-0.6144
4	0.5066	55	0.7276	105	-0.5164
5	0.5096	56	0.6756	110	-0.2044
6	0.4896	57	0.6316	111	-0.2314
7	0.4736	58	0.5926	112	-0.1904
8	0.4716	59	0.5556	113	-0.2344
9	0.4606	60	0.5146	114	0.1056
10	0.4506	61	0.4656	115	0.1036
11	0.4356	62	0.4066	116	0.1046
12	0.4236	63	0.3136	117	0.1036
13	0.3986	64	-0.0644	118	0.1036
14	0.2466	65	0.0226	119	0.1036
15	0.1376	66	0.7096	120	-0.1654
16	0.6716	67	0.6566	121	0.0846
17	0.6366	68	0.6046	122	0.1046
18	0.6076	69	0.5626	123	0.1016
19	0.5726	70	0.5116	124	-0.1754
20	0.5486	71	0.4546	125	-0.1964
21	0.5246	72	0.3836	126	-0.1704
22	0.5046	73	0.2576	127	-0.1844
23	0.4876	74	0.0316	128	-0.2114
24	0.4686	75	0.6846	129	-0.2054
25	0.4476	76	0.6216	135	-0.1694
26	0.4266	77	0.5606	136	-0.1644
27	0.3906	78	0.5026	137	-0.1714
28	0.2506	79	0.4286	138	-0.0094
29	0.0776	80	0.3326	139	-0.0274
30	0.7256	81	0.1526	140	-0.0194
32	0.6306	82	0.0296	141	0.1256
33	0.5986	83	0.6116	142	0.0786
34	0.5656	84	0.5796	143	0.1126
35	0.5396	85	0.5026	145	-0.1734
36	0.5176	86	0.4096	147	0.0796
37	0.4946	87	0.2996	151	0.3156
38	0.4686	88	0.1486	152	0.0306
39	0.4376	89	-0.0064	153	-0.0434
40	0.3856	90	0.5716	154	-0.2754
41	0.2666	91	0.3986	155	0.2686
42	0.0316	92	0.2786	156	0.4546
43	0.7276	93	0.1746	157	0.2656
44	0.6786	94	0.0586	158	0.8096
45	0.6346	95	-0.0914	159	0.5606
46	0.6056	96	-0.5574	160	0.5246
47	0.5736	97	-0.4854	161	0.4116
48	0.5426	98	-0.7354	162	0.7736
49	0.5086	99	-0.6434	163	0.6086
50	0.4726	100	-0.5294	164	-0.0274
51	0.4236	101	-0.4654	165	0.3186

ORF	CP	ORF	CP	ORF	CP
166	0.6226	217	-0.3464	268	-0.1994
167	0.5446	218	-0.3504	269	0.2766
168	0.4666	219	-0.1084	270	0.4276
169	0.2956	220	0.2506	271	-0.3574
170	0.6786	221	0.0776	272	-0.3674
171	0.3836	222	0.0976	273	0.2766
172	0.1516	223	0.4836	274	0.2836
173	0.3376	224	0.5076	275	0.1266
174	0.2336	225	0.3226	276	0.9556
175	-0.0514	226	0.2446	277	0.7896
176	-0.2644	227	-0.6984	278	-0.1874
177	0.0536	228	-0.6274	279	-0.1264
178	-0.0734	229	-0.5574	280	0.0716
179	-0.0774	230	-0.4684	281	0.4326
180	-0.3764	231	-0.4364	282	0.5216
181	0.7236	232	-0.3314	283	0.4836
182	0.8816	233	0.0526	284	0.4656
183	0.6406	234	0.2526	285	0.3996
184	0.9006	235	0.0586	286	-0.4654
185	1.1076	236	0.2166	287	-0.2564
186	1.2726	237	0.4576	288	0.2086
187	1.3326	238	0.4426	289	0.2306
188	1.3386	239	0.2536	290	0.3756
189	1.2876	240	0.2086	291	-0.1244
190	0.1066	241	-0.5184	292	-0.1754
191	-0.3104	242	-0.3964	325	0.1136
192	-0.3664	244	-0.1624	326	0.1136
193	-0.3564	245	-0.0014	327	0.1156
194	-0.3354	246	0.0986	328	0.1106
195	-0.4074	247	0.2116	329	0.1176
196	-0.3744	248	0.2796	330	0.1186
197	-0.3494	249	0.1356	331	0.1146
198	-0.3524	250	0.1256	332	0.1166
199	-0.3574	251	0.2226	333	0.1136
200	-0.3614	252	0.2346	334	0.1176
201	-0.3464	253	0.5486	335	0.1186
202	-0.3454	254	0.4196	336	0.1136
203	-0.3464	255	-0.2764	337	0.1146
204	-0.3534	256	-0.1594	338	0.1116
205	0.1026	257	-0.0794	339	0.1166
206	0.0946	258	0.0836	340	0.1126
207	0.1256	259	0.2076	341	0.1176
208	0.1366	260	0.2496	350	0.1016
210	0.5426	261	0.2886	351	0.1036
211	0.0846	262	0.3326	352	0.1006
212	0.0666	263	0.0586	353	0.1056
213	-0.5984	264	-0.0564	354	0.1046
214	-0.5014	265	0.2456	355	0.1026
215	-0.4284	266	0.3966		
216	-0.2964	267	0.0446		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 629
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 41.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.192
TUNNEL DYNAMIC PRESSURE(PSF) = 777.
TUNNEL STAGNATION PRESSURE(PSF) = 1874.
TUNNEL STATIC PRESSURE(PSF) = 781.
REYNOLDS NUMBER PER FOOT = 3.9720E 06
MODEL ANGLE OF ATTACK(DEG) = -12.06
FIN ANGLE(DEG) = -0.28
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 553.

SCANIVALUE	CP(REF)
147	1.0089
247	1.0079
347	1.0089
447	1.0089
547	1.0019
647	1.0019
747	1.0009

ORF	CP	ORF	CP	ORF	CP
1	0.7019	52	0.3229	102	-0.4191
2	0.3499	53	0.0779	103	-0.7021
3	0.3909	54	-0.0291	104	-0.6621
4	0.4369	55	0.6799	105	-0.5151
5	0.4519	56	0.6289	110	-0.1881
6	0.4419	57	0.5839	111	-0.2161
7	0.4429	58	0.5489	112	-0.1701
8	0.4369	59	0.5129	113	-0.1961
9	0.4309	60	0.4729	114	0.1139
10	0.4209	61	0.4299	115	0.1129
11	0.4129	62	0.3729	116	0.1129
12	0.3899	63	0.2869	117	0.1139
13	0.3679	64	-0.0911	118	0.1139
14	0.2169	65	-0.0321	119	0.1149
15	0.0989	66	0.6679	120	-0.1821
16	0.5629	67	0.6099	121	0.0819
17	0.5359	68	0.5639	122	0.1089
18	0.5209	69	0.5229	123	0.1139
19	0.4959	70	0.4779	124	-0.1571
20	0.4759	71	0.4229	125	-0.1791
21	0.4689	72	0.3539	126	-0.1501
22	0.4619	73	0.2359	127	-0.1651
23	0.4469	74	-0.0261	128	-0.2121
24	0.4279	75	0.6539	129	-0.2301
25	0.4139	76	0.5869	135	-0.1491
26	0.3949	77	0.5259	136	-0.1461
27	0.3539	78	0.4679	137	-0.1461
28	0.2179	79	0.4009	138	-0.0071
29	0.0469	80	0.3079	139	-0.0141
30	0.6519	81	0.1349	140	-0.0061
32	0.5769	82	-0.0511	141	0.1139
33	0.5499	83	0.5849	142	0.0929
34	0.5269	84	0.5469	143	0.1029
35	0.5069	85	0.4709	145	-0.1531
36	0.4889	86	0.3779	147	0.0889
37	0.4649	87	0.2719	151	0.2899
38	0.4449	88	0.1279	152	0.0149
39	0.4149	89	-0.1041	153	-0.0761
40	0.3629	90	0.5389	154	-0.2971
41	0.2389	91	0.3619	155	0.3049
42	0.0269	92	0.2389	156	0.4259
43	0.6939	93	0.1429	157	0.2339
44	0.6389	94	0.0379	158	0.7459
45	0.5999	95	-0.1911	159	0.5429
46	0.5669	96	-0.5511	160	0.5159
47	0.5369	97	-0.3741	161	0.3979
48	0.5049	98	-0.7711	162	0.7389
49	0.4739	99	-0.6581	163	0.5919
50	0.4399	100	-0.4931	164	-0.0111
51	0.3929	101	-0.4281	165	0.3049

ORF	CP	ORF	CP	ORF	CP
166	0.6049	217	-0.3531	268	-0.2081
167	0.5509	218	-0.3481	269	0.2549
168	0.4819	219	0.0449	270	0.4069
169	0.3089	220	0.2369	271	-0.3331
170	0.6379	221	0.0609	272	-0.3531
171	0.3969	222	0.0629	273	0.2529
172	0.1729	223	0.4719	274	0.2409
173	0.2869	224	0.5089	275	0.1469
174	0.1889	225	0.3199	276	0.8469
175	-0.0791	226	0.2219	277	0.7289
176	-0.2641	227	-0.7071	278	-0.1641
177	0.0389	228	-0.6291	279	-0.0611
178	-0.0931	229	-0.5411	280	0.1209
179	-0.0821	230	-0.4271	281	0.3579
180	-0.3841	231	-0.3931	282	0.4649
181	0.6449	232	-0.2291	283	0.4529
182	0.8249	233	0.1039	284	0.4499
183	0.5339	234	0.2189	285	0.3829
184	0.7189	235	0.0709	286	-0.4161
185	0.8999	236	0.1929	287	-0.2791
186	1.1339	237	0.3959	288	0.1639
187	1.2719	238	0.3659	289	0.1769
188	1.3509	239	0.3609	290	0.3829
189	1.3509	240	0.2909	291	-0.1211
190	0.1149	241	-0.6331	292	-0.0651
191	-0.3431	242	-0.5281	325	0.1229
192	-0.3851	244	-0.2211	326	0.1219
193	-0.3821	245	-0.0191	327	0.1249
194	-0.3541	246	0.0779	328	0.1189
195	-0.4171	247	0.1879	329	0.1199
196	-0.3811	248	0.2319	330	0.1209
197	-0.3591	249	0.1169	331	0.1229
198	-0.3611	250	0.1099	332	0.1249
199	-0.3661	251	0.1939	333	0.1209
200	-0.3731	252	0.2229	334	0.1199
201	-0.3571	253	0.6179	335	0.1209
202	-0.3541	254	0.4809	336	0.1189
203	-0.3571	255	-0.3761	337	0.1229
204	-0.3621	256	-0.2891	338	0.1219
205	0.1199	257	-0.2061	339	0.1229
206	0.1099	258	-0.0291	340	0.1189
207	0.1449	259	0.1489	341	0.1179
208	0.1529	260	0.2199	350	0.1129
210	0.5109	261	0.3019	351	0.1119
211	0.1649	262	0.3529	352	0.1099
212	0.1129	263	0.0699	353	0.1119
213	-0.5851	264	-0.0551	354	0.1139
214	-0.4711	265	0.2349	355	0.1139
215	-0.3771	266	0.3749		
216	-0.2821	267	0.0419		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 630
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 41.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.194
TUNNEL DYNAMIC PRESSURE(PSF) = 778.
TUNNEL STAGNATION PRESSURE(PSF) = 1877.
TUNNEL STATIC PRESSURE(PSF) = 780.
REYNOLDS NUMBER PER FOOT = 3.9810E 06
MODEL ANGLE OF ATTACK(DEG) = -8.09
FIN ANGLE(DEG) = -0.31
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 553.

SCANIVALUE	CP(REF)
147	1.0074
247	1.0064
347	1.0074
447	1.0064
547	1.0054
647	1.0054
747	1.0054

ORF	CP	ORF	CP	ORF	CP
1	0.5714	52	0.2874	102	-0.3366
2	0.3564	53	0.0564	103	-0.6576
3	0.3164	54	-0.0716	104	-0.6126
4	0.3324	55	0.5954	105	-0.4896
5	0.3514	56	0.5414	110	-0.1406
6	0.3474	57	0.5044	111	-0.1426
7	0.3554	58	0.4794	112	-0.0876
8	0.3654	59	0.4554	113	-0.1206
9	0.3634	60	0.4244	114	0.1364
10	0.3654	61	0.3854	115	0.1394
11	0.3584	62	0.3344	116	0.1374
12	0.3444	63	0.2574	117	0.1374
13	0.3144	64	-0.1166	118	0.1354
14	0.1614	65	-0.0796	119	0.1364
15	0.0534	66	0.6004	120	-0.0626
16	0.4614	67	0.5384	121	0.1194
17	0.4054	68	0.4944	122	0.1354
18	0.3794	69	0.4534	123	0.1374
19	0.3834	70	0.4184	124	-0.1016
20	0.3874	71	0.3784	125	-0.1176
21	0.3934	72	0.3164	126	-0.0756
22	0.3884	73	0.2104	127	-0.1006
23	0.3834	74	-0.0956	128	-0.1936
24	0.3754	75	0.5914	129	-0.1746
25	0.3674	76	0.5204	135	-0.0766
26	0.3474	77	0.4624	136	-0.0756
27	0.3014	78	0.4064	137	-0.0676
28	0.1724	79	0.3414	138	0.0164
29	0.0194	80	0.2654	139	0.0184
30	0.5044	81	0.1134	140	0.0274
32	0.4444	82	-0.1346	141	0.0994
33	0.4384	83	0.5254	142	0.0964
34	0.4304	84	0.4864	143	0.1004
35	0.4204	85	0.4044	145	-0.0746
36	0.4124	86	0.3104	147	0.0974
37	0.4034	87	0.2254	151	0.2574
38	0.3834	88	0.1014	152	-0.0016
39	0.3584	89	-0.1846	153	-0.0986
40	0.3084	90	0.4824	154	-0.3266
41	0.1964	91	0.2974	155	0.3134
42	-0.0216	92	0.1844	156	0.3364
43	0.5624	93	0.1024	157	0.1614
44	0.5214	94	0.0104	158	0.6394
45	0.4934	95	-0.2656	159	0.4704
46	0.4794	96	-0.3786	160	0.4474
47	0.4634	97	-0.2486	161	0.3384
48	0.4444	98	-0.4756	162	0.6464
49	0.4164	99	-0.5216	163	0.5314
50	0.3874	100	-0.5326	164	0.0274
51	0.3474	101	-0.3676	165	0.2654

ORF	CP	ORF	CP	ORF	CP
166	0.5634	217	-0.3456	268	-0.1966
167	0.5274	218	-0.3006	269	0.1964
168	0.4604	219	0.1044	270	0.3224
169	0.2974	220	0.2194	271	-0.2816
170	0.5664	221	0.0154	272	-0.3106
171	0.3794	222	0.0534	273	0.1864
172	0.1724	223	0.4374	274	0.1794
173	0.2944	224	0.4634	275	0.2354
174	0.2064	225	0.4264	276	0.6344
175	-0.0586	226	0.3224	277	0.5784
176	-0.2576	227	-0.7196	278	0.0664
177	0.0314	228	-0.6576	279	0.1824
178	-0.0906	229	-0.5846	280	0.2584
179	-0.0196	230	-0.4276	281	0.3134
180	-0.3686	231	-0.3396	282	0.3444
181	0.4954	232	-0.1686	283	0.3414
182	0.6634	233	0.1554	284	0.3704
183	0.4944	234	0.2254	285	0.3224
184	0.6594	235	0.0784	286	-0.3586
185	0.8164	236	0.1684	287	-0.1926
186	1.0394	237	0.3554	288	0.1474
187	1.2304	238	0.3474	289	0.1394
188	1.3154	239	0.4454	290	0.3254
189	1.3564	240	0.3874	291	-0.2026
190	0.2174	241	-0.6876	292	0.0104
191	-0.3376	242	-0.5676	325	0.1394
192	-0.3686	244	-0.3396	326	0.1424
193	-0.3746	245	-0.1136	327	0.1414
194	-0.3556	246	0.0834	328	0.1384
195	-0.3746	247	0.2304	329	0.1364
196	-0.3666	248	0.2694	330	0.1384
197	-0.3566	249	0.1274	331	0.1424
198	-0.3556	250	0.0924	332	0.1414
199	-0.3556	251	0.1934	333	0.1394
200	-0.3516	252	0.2294	334	0.1374
201	-0.3436	253	0.5714	335	0.1394
202	-0.3456	254	0.4844	336	0.1384
203	-0.3416	255	-0.6016	337	0.1384
204	-0.3426	256	-0.5096	338	0.1424
205	0.2394	257	-0.3016	339	0.1404
206	0.2434	258	-0.0886	340	0.1384
207	0.2494	259	0.1254	341	0.1364
208	0.2734	260	0.2284	350	0.1344
210	0.5194	261	0.3184	351	0.1364
211	0.3764	262	0.3324	352	0.1384
212	0.2864	263	0.0404	353	0.1354
213	-0.5926	264	-0.0726	354	0.1364
214	-0.4876	265	0.1994	355	0.1364
215	-0.3996	266	0.3114		
216	-0.3256	267	-0.0096		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 631
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 41.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.199
TUNNEL DYNAMIC PRESSURE(PSF) = 778.
TUNNEL STAGNATION PRESSURE(PSF) = 1871.
TUNNEL STATIC PRESSURE(PSF) = 773.
REYNOLDS NUMBER PER FOOT = 3.9750E 06
MODEL ANGLE OF ATTACK(DEG) = -6.03
FIN ANGLE(DEG) = -0.31
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 552.

SCANIVALUE	CP(REF)
147	1.0184
247	1.0174
347	1.0174
447	1.0184
547	1.0174
647	1.0174
747	1.0174

ORF	CP	ORF	CP	ORF	CP
1	0.4084	52	0.2464	102	-0.2626
2	0.2884	53	0.0364	103	-0.6176
3	0.2634	54	-0.0906	104	-0.5696
4	0.2594	55	0.4974	105	-0.4966
5	0.2554	56	0.4514	110	-0.1456
6	0.2574	57	0.4334	111	-0.1656
7	0.2584	58	0.4164	112	-0.1196
8	0.2814	59	0.3994	113	-0.1426
9	0.2894	60	0.3774	114	0.1284
10	0.2874	61	0.3414	115	0.1274
11	0.2824	62	0.3024	116	0.1284
12	0.2714	63	0.2364	117	0.1294
13	0.2424	64	-0.1286	118	0.1264
14	0.1094	65	-0.1046	119	0.1244
15	0.0114	66	0.5254	120	-0.1316
16	0.3674	67	0.4764	121	0.1044
17	0.3194	68	0.4384	122	0.1274
18	0.2904	69	0.4064	123	0.1284
19	0.2794	70	0.3784	124	-0.0776
20	0.2824	71	0.3464	125	-0.1016
21	0.2914	72	0.2914	126	-0.0486
22	0.2984	73	0.1994	127	-0.0796
23	0.2914	74	-0.1226	128	-0.1656
24	0.3004	75	0.5314	129	-0.1946
25	0.2914	76	0.4704	135	-0.0656
26	0.2734	77	0.4204	136	-0.0696
27	0.2324	78	0.3714	137	-0.0716
28	0.1164	79	0.3174	138	0.0214
29	-0.0146	80	0.2464	139	0.0164
30	0.3964	81	0.1064	140	0.0214
32	0.3364	82	-0.1626	141	0.0914
33	0.3314	83	0.4834	142	0.0884
34	0.3254	84	0.4444	143	0.0884
35	0.3344	85	0.3684	145	-0.0716
36	0.3334	86	0.2794	147	0.0894
37	0.3284	87	0.1894	151	0.2264
38	0.3124	88	0.0914	152	-0.0156
39	0.2914	89	-0.2066	153	-0.1216
40	0.2494	90	0.4434	154	-0.3306
41	0.1444	91	0.2594	155	0.3104
42	-0.0416	92	0.1594	156	0.2894
43	0.4454	93	0.0904	157	0.1204
44	0.4034	94	0.0104	158	0.6104
45	0.3914	95	-0.2756	159	0.4284
46	0.3894	96	-0.2006	160	0.4084
47	0.3804	97	-0.2276	161	0.3054
48	0.3734	98	-0.3066	162	0.5794
49	0.3534	99	-0.4016	163	0.4924
50	0.3394	100	-0.4036	164	0.0224
51	0.3014	101	-0.3076	165	0.2244

ORF	CP	ORF	CP	ORF	CP
166	0.5214	217	-0.2786	268	-0.1466
167	0.4764	218	-0.2316	269	0.1634
168	0.4184	219	0.1004	270	0.2464
169	0.2644	220	0.2004	271	-0.2346
170	0.5294	221	0.0034	272	-0.2156
171	0.3634	222	0.0514	273	0.1454
172	0.1554	223	0.4154	274	0.1274
173	0.3154	224	0.4414	275	0.3124
174	0.2054	225	0.4794	276	0.4904
175	-0.0196	226	0.3594	277	0.4324
176	-0.2566	227	-0.7116	278	0.0784
177	0.0074	228	-0.6536	279	0.1964
178	-0.0946	229	-0.5556	280	0.2314
179	-0.0206	230	-0.4226	281	0.2624
180	-0.3596	231	-0.2606	282	0.2524
181	0.4314	232	-0.1706	283	0.2484
182	0.5994	233	0.1544	284	0.2844
183	0.5724	234	0.2314	285	0.2534
184	0.7494	235	0.0724	286	-0.2966
185	0.8674	236	0.1564	287	-0.1056
186	0.9844	237	0.3524	288	0.1164
187	1.1034	238	0.3444	289	0.1044
188	1.2194	239	0.5194	290	0.2734
189	1.2884	240	0.4434	291	-0.2196
190	0.2564	241	-0.6586	292	0.0264
191	-0.3416	242	-0.5606	325	0.1384
192	-0.3676	244	-0.3486	326	0.1344
193	-0.3666	245	-0.2776	327	0.1364
194	-0.3646	246	0.0354	328	0.1364
195	-0.3596	247	0.2184	329	0.1374
196	-0.3536	248	0.2754	330	0.1374
197	-0.3486	249	0.1074	331	0.1354
198	-0.3436	250	0.0894	332	0.1374
199	-0.3416	251	0.2174	333	0.1374
200	-0.3426	252	0.2664	334	0.1384
201	-0.3306	253	0.4754	335	0.1394
202	-0.3336	254	0.3914	336	0.1364
203	-0.3326	255	-0.5076	337	0.1374
204	-0.3316	256	-0.3976	338	0.1344
205	0.2954	257	-0.2536	339	0.1364
206	0.3034	258	-0.0406	340	0.1354
207	0.3184	259	0.1034	341	0.1374
208	0.3304	260	0.1874	350	0.1274
210	0.5064	261	0.2704	351	0.1284
211	0.4334	262	0.2824	352	0.1284
212	0.3284	263	0.0084	353	0.1284
213	-0.5716	264	-0.0626	354	0.1284
214	-0.5286	265	0.1874	355	0.1294
215	-0.4496	266	0.2584		
216	-0.3106	267	-0.0356		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 632
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 41.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.204
TUNNEL DYNAMIC PRESSURE(PSF) = 779.
TUNNEL STAGNATION PRESSURE(PSF) = 1871.
TUNNEL STATIC PRESSURE(PSF) = 768.
REYNOLDS NUMBER PER FOOT = 3.9760E 06
MODEL ANGLE OF ATTACK(DEG) = -4.00
FIN ANGLE(DEG) = -0.41
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 552.

SCANIVALUE	CP(REF)
147	1.0221
247	1.0221
347	1.0221
447	1.0231
547	1.0251
647	1.0241
747	1.0241

ORF	CP	ORF	CP	ORF	CP
1	0.2971	52	0.2061	102	-0.2209
2	0.1471	53	0.0121	103	-0.5669
3	0.1561	54	-0.1299	104	-0.5269
4	0.1721	55	0.3811	105	-0.4409
5	0.1851	56	0.3511	110	-0.1339
6	0.1811	57	0.3441	111	-0.1469
7	0.1951	58	0.3341	112	-0.1119
8	0.1941	59	0.3271	113	-0.1289
9	0.2091	60	0.3151	114	0.1351
10	0.2081	61	0.2951	115	0.1341
11	0.2071	62	0.2591	116	0.1351
12	0.1991	63	0.2091	117	0.1361
13	0.1711	64	-0.1389	118	0.1371
14	0.0531	65	-0.1299	119	0.1361
15	-0.0309	66	0.4311	120	-0.1589
16	0.2441	67	0.3891	121	0.1021
17	0.2281	68	0.3651	122	0.1321
18	0.2181	69	0.3431	123	0.1351
19	0.2041	70	0.3231	124	-0.0609
20	0.2101	71	0.3031	125	-0.0829
21	0.2181	72	0.2651	126	-0.0319
22	0.2221	73	0.1871	127	-0.0669
23	0.2271	74	-0.1429	128	-0.2039
24	0.2241	75	0.4581	129	-0.1729
25	0.2231	76	0.4081	135	-0.0599
26	0.2031	77	0.3671	136	-0.0619
27	0.1701	78	0.3331	137	-0.0619
28	0.0611	79	0.2911	138	0.0281
29	-0.0539	80	0.2261	139	0.0281
30	0.3011	81	0.0951	140	0.0371
32	0.2551	82	-0.1839	141	0.0981
33	0.2441	83	0.4171	142	0.0981
34	0.2421	84	0.3941	143	0.0951
35	0.2451	85	0.3241	145	-0.0549
36	0.2441	86	0.2391	147	0.0961
37	0.2441	87	0.1611	151	0.1801
38	0.2371	88	0.0651	152	-0.0379
39	0.2261	89	-0.2259	153	-0.1599
40	0.1911	90	0.3961	154	-0.3439
41	0.0941	91	0.2091	155	0.3001
42	-0.0859	92	0.1221	156	0.2521
43	0.3471	93	0.0731	157	0.0881
44	0.3181	94	0.0181	158	0.5561
45	0.2931	95	-0.2659	159	0.3941
46	0.2961	96	-0.1919	160	0.3711
47	0.3021	97	-0.2089	161	0.2681
48	0.2941	98	-0.0999	162	0.5291
49	0.2891	99	0.0261	163	0.4451
50	0.2701	100	0.0761	164	0.0291
51	0.2431	101	-0.2749	165	0.1901

ORF	CP	ORF	CP	ORF	CP
166	0.5401	217	-0.1959	268	-0.0919
167	0.4441	218	-0.1649	269	0.1241
168	0.3831	219	0.1631	270	0.1931
169	0.2391	220	0.2251	271	-0.2139
170	0.4011	221	-0.0169	272	-0.1639
171	0.3901	222	0.0301	273	0.1281
172	0.1701	223	0.3961	274	0.1181
173	0.3161	224	0.4381	275	0.3891
174	0.2041	225	0.5441	276	0.3991
175	0.0211	226	0.4331	277	0.3431
176	-0.2459	227	-0.6669	278	-0.0699
177	-0.0359	228	-0.6119	279	0.0101
178	-0.1309	229	-0.5459	280	0.0981
179	-0.0449	230	-0.3969	281	0.1591
180	-0.3469	231	-0.2159	282	0.1811
181	0.3611	232	-0.0119	283	0.1891
182	0.5331	233	0.1841	284	0.2161
183	0.6711	234	0.2531	285	0.1891
184	0.8701	235	0.0411	286	-0.2589
185	0.9801	236	0.1171	287	-0.0879
186	1.0401	237	0.3651	288	0.1401
187	1.1301	238	0.3481	289	0.1301
188	1.1981	239	0.4601	290	0.1931
189	1.2631	240	0.3901	291	-0.2089
190	0.3131	241	-0.6359	292	0.0901
191	-0.3379	242	-0.5339	325	0.1401
192	-0.3829	244	-0.2439	326	0.1391
193	-0.3799	245	-0.0739	327	0.1401
194	-0.3889	246	0.0781	328	0.1391
195	-0.3559	247	0.2061	329	0.1391
196	-0.3489	248	0.2461	330	0.1391
197	-0.3439	249	0.0771	331	0.1401
198	-0.3379	250	0.0721	332	0.1411
199	-0.3369	251	0.1991	333	0.1401
200	-0.3349	252	0.2251	334	0.1401
201	-0.3219	253	0.4091	335	0.1401
202	-0.3259	254	0.2951	336	0.1401
203	-0.3229	255	-0.2959	337	0.1401
204	-0.3169	256	-0.2089	338	0.1401
205	0.3461	257	-0.1439	339	0.1401
206	0.3671	258	0.0111	340	0.1391
207	0.3621	259	0.1171	341	0.1391
208	0.3711	260	0.1451	350	0.1341
210	0.4861	261	0.1961	351	0.1341
211	0.5021	262	0.2041	352	0.1341
212	0.3891	263	-0.0039	353	0.1351
213	-0.5369	264	-0.0189	354	0.1331
214	-0.4709	265	0.1361	355	0.1341
215	-0.4149	266	0.1891		
216	-0.2299	267	-0.0459		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 633
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 41.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.197
TUNNEL DYNAMIC PRESSURE(PSF) = 777.
TUNNEL STAGNATION PRESSURE(PSF) = 1871.
TUNNEL STATIC PRESSURE(PSF) = 775.
REYNOLDS NUMBER PER FOOT = 3.9750E 06
MODEL ANGLE OF ATTACK(DEG) = -1.88
FIN ANGLE(DEG) = -0.42
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 552.

SCANIVALUE	CP(REF)
147	1.0166
247	1.0156
347	1.0166
447	1.0176
547	1.0176
647	1.0176
747	1.0176

ORF	CP	ORF	CP	ORF	CP
1	0.2286	52	0.1556	102	-0.2444
2	-0.0194	53	-0.0194	103	-0.5604
3	-0.0194	54	-0.1834	104	-0.5324
4	0.0736	55	0.2906	105	-0.4404
5	0.1176	56	0.2576	110	-0.1364
6	0.1406	57	0.2496	111	-0.1464
7	0.1506	58	0.2606	112	-0.1134
8	0.1586	59	0.2526	113	-0.1314
9	0.1626	60	0.2526	114	0.1366
10	0.1676	61	0.2356	115	0.1366
11	0.1626	62	0.2086	116	0.1366
12	0.1596	63	0.1686	117	0.1376
13	0.1316	64	-0.1694	118	0.1346
14	0.0076	65	-0.1674	119	0.1366
15	-0.0744	66	0.3286	120	-0.1644
16	0.1186	67	0.2966	121	0.1066
17	0.1156	68	0.2876	122	0.1356
18	0.1286	69	0.2766	123	0.1366
19	0.1476	70	0.2576	124	-0.0674
20	0.1576	71	0.2476	125	-0.0824
21	0.1666	72	0.2166	126	-0.0394
22	0.1746	73	0.1556	127	-0.0704
23	0.1716	74	-0.1784	128	-0.1784
24	0.1756	75	0.3636	129	-0.1664
25	0.1726	76	0.3376	135	-0.0604
26	0.1536	77	0.3126	136	-0.0554
27	0.1246	78	0.2866	137	-0.0594
28	0.0166	79	0.2466	138	0.0316
29	-0.1044	80	0.1836	139	0.0366
30	0.1806	81	0.0766	140	0.0406
32	0.1836	82	-0.2014	141	0.1026
33	0.1876	83	0.3506	142	0.0986
34	0.1906	84	0.3276	143	0.0946
35	0.1896	85	0.2696	145	-0.0554
36	0.1896	86	0.1896	147	0.0986
37	0.1946	87	0.1366	151	0.1246
38	0.1896	88	0.0726	152	-0.1074
39	0.1756	89	-0.2214	153	-0.2134
40	0.1366	90	0.3226	154	-0.3794
41	0.0506	91	0.1706	155	0.2596
42	-0.1434	92	0.1466	156	0.2146
43	0.2396	93	0.1186	157	0.0556
44	0.2196	94	0.0666	158	0.5806
45	0.2186	95	-0.2304	159	0.3696
46	0.2246	96	-0.2904	160	0.3466
47	0.2226	97	-0.1664	161	0.2526
48	0.2246	98	0.1186	162	0.5336
49	0.2246	99	0.2466	163	0.4336
50	0.2126	100	0.0376	164	0.0226
51	0.1896	101	-0.3034	165	0.1736

ORF	CP	ORF	CP	ORF	CP
166	0.5666	217	-0.1194	268	-0.1244
167	0.4206	218	0.0426	269	0.1056
168	0.3646	219	0.1946	270	0.1966
169	0.2326	220	0.2166	271	-0.2594
170	0.3806	221	-0.0604	272	-0.2214
171	0.3486	222	-0.0624	273	0.1386
172	0.1376	223	0.3306	274	0.1386
173	0.2276	224	0.4106	275	0.4476
174	0.1196	225	0.4906	276	0.4046
175	-0.0804	226	0.3686	277	0.3046
176	-0.3144	227	-0.6614	278	-0.3274
177	-0.0984	228	-0.5704	279	-0.3114
178	-0.2124	229	-0.4674	280	-0.2234
179	-0.1474	230	-0.2934	281	-0.0574
180	-0.3454	231	-0.0394	282	0.1156
181	0.3946	232	0.1066	283	0.1506
182	0.5726	233	0.1876	284	0.1706
183	0.6466	234	0.2126	285	0.1496
184	0.8366	235	0.0026	286	-0.2864
185	0.9036	236	0.0516	287	-0.1334
186	0.9556	237	0.3226	288	0.1646
187	1.0606	238	0.2876	289	0.1746
188	1.1506	239	0.3966	290	0.1696
189	1.1796	240	0.3076	291	-0.2584
190	0.4096	241	-0.4364	292	0.1786
191	-0.3434	242	-0.3574	325	0.1436
192	-0.4014	244	-0.1164	326	0.1446
193	-0.4014	245	0.0316	327	0.1436
194	-0.3854	246	0.1016	328	0.1436
195	-0.3514	247	0.1576	329	0.1436
196	-0.3494	248	0.1736	330	0.1436
197	-0.3504	249	0.0436	331	0.1456
198	-0.3414	250	0.0376	332	0.1446
199	-0.3404	251	0.1266	333	0.1436
200	-0.3364	252	0.1276	334	0.1446
201	-0.3274	253	0.3556	335	0.1446
202	-0.3294	254	0.2506	336	0.1446
203	-0.3274	255	-0.2834	337	0.1436
204	-0.3254	256	-0.2434	338	0.1446
205	0.3516	257	-0.1844	339	0.1436
206	0.3906	258	-0.0464	340	0.1436
207	0.3826	259	0.0846	341	0.1436
208	0.3646	260	0.1126	350	0.1376
210	0.4386	261	0.1526	351	0.1366
211	0.5336	262	0.1586	352	0.1376
212	0.4136	263	-0.0424	353	0.1376
213	-0.5114	264	-0.0444	354	0.1366
214	-0.4404	265	0.1006	355	0.1376
215	-0.3624	266	0.1746		
216	-0.2364	267	-0.0834		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 634
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 41.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.202
TUNNEL DYNAMIC PRESSURE(PSF) = 779.
TUNNEL STAGNATION PRESSURE(PSF) = 1872.
TUNNEL STATIC PRESSURE(PSF) = 770.
REYNOLDS NUMBER PER FOOT = 3.9830E 06
MODEL ANGLE OF ATTACK(DEG) = 0.09
FIN ANGLE(DEG) = -0.43
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 552.

SCANIVALUE	CP(REF)
147	1.0206
247	1.0196
347	1.0196
447	1.0206
547	1.0196
647	1.0196
747	1.0196

ORF	CP	ORF	CP	ORF	CP
1	0.3246	52	0.1516	102	-0.2694
2	-0.0634	53	-0.0304	103	-0.5514
3	-0.3794	54	-0.1854	104	-0.5254
4	-0.1824	55	0.2906	105	-0.4374
5	0.0566	56	0.2636	110	-0.1194
6	0.1216	57	0.2616	111	-0.1264
7	0.1636	58	0.2506	112	-0.1004
8	0.1766	59	0.2436	113	-0.1184
9	0.1846	60	0.2346	114	0.1566
10	0.1856	61	0.2166	115	0.1556
11	0.1866	62	0.1846	116	0.1546
12	0.1806	63	0.1416	117	0.1546
13	0.1636	64	-0.1694	118	0.1556
14	0.0396	65	-0.1764	119	0.1566
15	-0.0734	66	0.2846	120	-0.1214
16	0.0276	67	0.2716	121	0.1296
17	-0.1734	68	0.2596	122	0.1546
18	-0.2434	69	0.2506	123	0.1566
19	0.1006	70	0.2346	124	-0.0664
20	0.1726	71	0.2166	125	-0.0824
21	0.1886	72	0.1836	126	-0.0424
22	0.1936	73	0.1206	127	-0.0624
23	0.1946	74	-0.1924	128	-0.1584
24	0.1966	75	0.2986	129	-0.1624
25	0.1916	76	0.2826	135	-0.0444
26	0.1846	77	0.2526	136	-0.0444
27	0.1606	78	0.2356	137	-0.0384
28	0.0496	79	0.2006	138	0.0466
29	-0.1134	80	0.1476	139	0.0426
30	-0.0304	81	0.0536	140	0.0526
32	0.1186	82	-0.2034	141	0.1066
33	0.2136	83	0.2756	142	0.1086
34	0.2136	84	0.2706	143	0.1086
35	0.2146	85	0.2276	145	-0.0384
36	0.2116	86	0.1696	147	0.1116
37	0.2026	87	0.1406	151	0.1466
38	0.2006	88	0.0786	152	-0.1064
39	0.1956	89	-0.2134	153	-0.1964
40	0.1696	90	0.2466	154	-0.3814
41	0.0766	91	0.1866	155	0.2036
42	-0.1674	92	0.1556	156	0.2326
43	0.0106	93	0.1266	157	0.0586
44	0.2116	94	0.0846	158	0.5156
45	0.2506	95	-0.2154	159	0.3716
46	0.2406	96	-0.3704	160	0.3266
47	0.2236	97	-0.1694	161	0.2276
48	0.2256	98	0.2606	162	0.4836
49	0.2166	99	0.2656	163	0.3976
50	0.2096	100	0.0646	164	0.0466
51	0.1926	101	-0.3164	165	0.1506

ORF	CP	ORF	CP	ORF	CP
166	0.5486	217	0.0546	268	-0.1864
167	0.3896	218	0.1366	269	0.1596
168	0.3496	219	0.1666	270	0.2646
169	0.2186	220	0.1676	271	-0.2844
170	0.4186	221	-0.0664	272	-0.2904
171	0.2836	222	-0.0934	273	0.1756
172	0.0876	223	0.3196	274	0.1866
173	0.1676	224	0.3856	275	0.4656
174	0.0576	225	0.4206	276	0.5196
175	-0.1804	226	0.3036	277	0.3996
176	-0.3394	227	-0.4894	278	-0.6024
177	-0.0764	228	-0.4104	279	-0.5514
178	-0.1974	229	-0.3474	280	-0.4624
179	-0.1654	230	-0.1074	281	-0.3364
180	-0.3424	231	0.0596	282	-0.0084
181	0.3736	232	0.1236	283	0.1346
182	0.5476	233	0.1526	284	0.1846
183	0.5946	234	0.1636	285	0.1676
184	0.7706	235	0.0136	286	-0.3054
185	0.8276	236	0.0526	287	-0.1674
186	0.8586	237	0.2696	288	0.1846
187	0.9376	238	0.2256	289	0.1946
188	0.9686	239	0.3616	290	0.2296
189	1.0536	240	0.2746	291	-0.3474
190	0.4546	241	-0.2934	292	0.1866
191	-0.3464	242	-0.2754	325	0.1536
192	-0.3814	244	-0.0284	326	0.1536
193	-0.3844	245	0.0746	327	0.1526
194	-0.3634	246	0.1056	328	0.1536
195	-0.3574	247	0.1496	329	0.1536
196	-0.3554	248	0.1586	330	0.1546
197	-0.3484	249	0.0516	331	0.1546
198	-0.3404	250	0.0436	332	0.1536
199	-0.3444	251	0.0966	333	0.1536
200	-0.3384	252	0.1266	334	0.1556
201	-0.3314	253	0.3946	335	0.1546
202	-0.3294	254	0.2946	336	0.1526
203	-0.3284	255	-0.6674	337	0.1536
204	-0.3234	256	-0.5994	338	0.1546
205	0.3656	257	-0.4654	339	0.1516
206	0.3986	258	-0.2104	340	0.1526
207	0.3956	259	0.0456	341	0.1546
208	0.3966	260	0.1196	350	0.1566
210	0.4316	261	0.1686	351	0.1576
211	0.4696	262	0.1876	352	0.1556
212	0.3896	263	-0.0504	353	0.1566
213	-0.4894	264	-0.0854	354	0.1526
214	-0.4064	265	0.1406	355	0.1526
215	-0.3194	266	0.2326		
216	-0.1544	267	-0.0924		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 635
TUNNEL = 11
TEST NO. = 108
TEST PHASE = 2
RUN NUMBER = 41.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.201
TUNNEL DYNAMIC PRESSURE(PSF) = 778.
TUNNEL STAGNATION PRESSURE(PSF) = 1872.
TUNNEL STATIC PRESSURE(PSF) = 771.
REYNOLDS NUMBER PER FOOT = 3.9820E 06
MODEL ANGLE OF ATTACK(DEG) = 2.08
FIN ANGLE(DEG) = -0.49
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 552.

SCANIVALUE	CP(REF)
147	1.0200
247	1.0180
347	1.0180
447	1.0190
547	1.0170
647	1.0170
747	1.0170

ORF	CP	ORF	CP	ORF	CP
1	0.3010	52	0.1390	102	-0.2570
2	-0.0860	53	-0.0500	103	-0.5660
3	-0.3290	54	-0.1830	104	-0.5350
4	-0.2460	55	-0.0770	105	-0.4400
5	-0.2210	56	-0.0880	110	-0.1200
6	-0.1310	57	0.0570	111	-0.1260
7	0.0140	58	0.2150	112	-0.1030
8	0.0800	59	0.2100	113	-0.1200
9	0.1230	60	0.2100	114	0.1460
10	0.1510	61	0.1980	115	0.1450
11	0.1560	62	0.1710	116	0.1450
12	0.1660	63	0.1190	117	0.1450
13	0.1540	64	-0.1790	118	0.1440
14	0.0320	65	-0.1870	119	0.1460
15	-0.0910	66	-0.1280	120	-0.0400
16	0.0170	67	0.0970	121	0.1320
17	-0.1660	68	0.2070	122	0.1450
18	-0.2260	69	0.2160	123	0.1460
19	-0.2180	70	0.2040	124	-0.0780
20	-0.1320	71	0.1840	125	-0.0860
21	0.0220	72	0.1540	126	-0.0500
22	0.1130	73	0.0880	127	-0.0720
23	0.1410	74	-0.1940	128	-0.1850
24	0.1680	75	-0.1700	129	-0.1650
25	0.1710	76	0.1240	135	-0.0460
26	0.1650	77	0.2400	136	-0.0440
27	0.1390	78	0.2100	137	-0.0470
28	0.0250	79	0.1710	138	0.0490
29	-0.1140	80	0.1320	139	0.0480
30	-0.0590	81	0.0490	140	0.0420
32	-0.1920	82	-0.2020	141	0.1100
33	-0.1780	83	-0.0570	142	0.1090
34	0.0100	84	0.0480	143	0.1080
35	0.1230	85	0.1460	145	-0.0470
36	0.1670	86	0.1610	147	0.1100
37	0.1850	87	0.1450	151	0.1560
38	0.1860	88	0.0800	152	-0.1090
39	0.1700	89	-0.2000	153	-0.1900
40	0.1410	90	-0.0480	154	-0.3630
41	0.0450	91	0.0570	155	0.1350
42	-0.1410	92	0.1220	156	0.2110
43	-0.0740	93	0.1140	157	0.0410
44	-0.1330	94	0.0620	158	0.4380
45	-0.1590	95	-0.1810	159	0.3310
46	0.0330	96	0.0250	160	0.2640
47	0.1740	97	-0.1620	161	0.1570
48	0.2040	98	0.2570	162	0.4260
49	0.2060	99	0.3100	163	0.3350
50	0.2020	100	0.0210	164	0.0500
51	0.1800	101	-0.3170	165	0.0900

ORF	CP	ORF	CP	ORF	CP
166	0.5090	217	0.0810	268	-0.2170
167	0.3110	218	0.1170	269	0.1840
168	0.2800	219	0.1280	270	0.2550
169	0.1670	220	0.1250	271	-0.2830
170	0.3780	221	-0.0790	272	-0.2190
171	0.1880	222	-0.0940	273	0.1730
172	0.0160	223	0.2780	274	0.1620
173	0.1310	224	0.3480	275	0.4500
174	0.0350	225	0.3420	276	0.5000
175	-0.1830	226	0.2210	277	0.3710
176	-0.3110	227	-0.3070	278	-0.6200
177	-0.0550	228	-0.2590	279	-0.5610
178	-0.1680	229	-0.2090	280	-0.4700
179	-0.1590	230	-0.0790	281	-0.2970
180	-0.3300	231	0.0570	282	-0.2190
181	0.3550	232	0.0870	283	-0.0730
182	0.5250	233	0.1120	284	0.1360
183	0.5380	234	0.1250	285	0.1630
184	0.6450	235	0.0020	286	-0.3000
185	0.6530	236	0.0400	287	-0.1210
186	0.6260	237	0.2250	288	0.1480
187	0.6530	238	0.1690	289	0.1420
188	0.6890	239	0.3680	290	0.2570
189	0.7000	240	0.2920	291	-0.4680
190	0.4940	241	-0.5670	292	0.1720
191	-0.3430	242	-0.4710	325	0.1450
192	-0.3640	244	-0.1520	326	0.1450
193	-0.3600	245	-0.0160	327	0.1440
194	-0.3510	246	0.0580	328	0.1440
195	-0.3550	247	0.1210	329	0.1420
196	-0.3550	248	0.1520	330	0.1430
197	-0.3420	249	0.0210	331	0.1450
198	-0.3390	250	0.0200	332	0.1460
199	-0.3460	251	0.1170	333	0.1450
200	-0.3360	252	0.1670	334	0.1440
201	-0.3260	253	0.4860	335	0.1440
202	-0.3270	254	0.3930	336	0.1470
203	-0.3200	255	-0.6970	337	0.1450
204	-0.3200	256	-0.6320	338	0.1450
205	0.3720	257	-0.5660	339	0.1440
206	0.4020	258	-0.4640	340	0.1440
207	0.4090	259	-0.2120	341	0.1430
208	0.4100	260	0.0520	350	0.1470
210	0.4030	261	0.1450	351	0.1460
211	0.4040	262	0.2010	352	0.1480
212	0.3080	263	-0.1040	353	0.1460
213	-0.4130	264	-0.1320	354	0.1460
214	-0.3010	265	0.1810	355	0.1460
215	-0.2350	266	0.2530		
216	-0.0860	267	-0.1310		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 636
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 41.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.201
TUNNEL DYNAMIC PRESSURE(PSF) = 779.
TUNNEL STAGNATION PRESSURE(PSF) = 1873.
TUNNEL STATIC PRESSURE(PSF) = 771.
REYNOLDS NUMBER PER FOOT = 3.9860E 06
MODEL ANGLE OF ATTACK(DEG) = 4.02
FIN ANGLE(DEG) = -0.47
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 552.

SCANIVALUE	CP(REF)
147	1.0193
247	1.0183
347	1.0183
447	1.0193
547	1.0203
647	1.0203
747	1.0193

ORF	CP	ORF	CP	ORF	CP
1	0.1653	52	0.0543	102	-0.2487
2	-0.1457	53	-0.1147	103	-0.5677
3	-0.2227	54	-0.2097	104	-0.5277
4	-0.1577	55	-0.4257	105	-0.4467
5	-0.1237	56	-0.2087	110	-0.1167
6	-0.1077	57	-0.1437	111	-0.1187
7	-0.0687	58	-0.0797	112	-0.1027
8	-0.0367	59	0.0073	113	-0.1167
9	0.0093	60	0.0723	114	0.1453
10	0.0353	61	0.0863	115	0.1463
11	0.0503	62	0.0853	116	0.1443
12	0.0653	63	0.0523	117	0.1433
13	0.0543	64	-0.1977	118	0.1443
14	-0.0547	65	-0.1957	119	0.1443
15	-0.1557	66	-0.5347	120	-0.1487
16	-0.0857	67	-0.2447	121	0.1113
17	-0.1637	68	-0.1167	122	0.1403
18	-0.1657	69	-0.0087	123	0.1413
19	-0.1297	70	0.0853	124	-0.0697
20	-0.1227	71	0.0973	125	-0.0937
21	-0.0677	72	0.0893	126	-0.0597
22	-0.0247	73	0.0413	127	-0.0767
23	0.0093	74	-0.2027	128	-0.1607
24	0.0353	75	-0.6287	129	-0.1567
25	0.0583	76	-0.3717	135	-0.0557
26	0.0573	77	-0.0867	136	-0.0487
27	0.0323	78	0.0473	137	-0.0437
28	-0.0647	79	0.0953	138	0.0453
29	-0.1767	80	0.1233	139	0.0443
30	-0.1727	81	0.0393	140	0.0403
32	-0.1487	82	-0.1827	141	0.1063
33	-0.1197	83	-0.4687	142	0.1023
34	-0.0877	84	-0.4067	143	0.1053
35	-0.0327	85	-0.0827	145	-0.0517
36	0.0093	86	0.0903	147	0.1013
37	0.0453	87	0.1453	151	0.1643
38	0.0653	88	0.0873	152	-0.1167
39	0.0603	89	-0.1827	153	-0.2117
40	0.0433	90	-0.5607	154	-0.3367
41	-0.0417	91	-0.3207	155	0.0453
42	-0.1877	92	-0.0487	156	0.1623
43	-0.3057	93	0.0553	157	0.0273
44	-0.2057	94	0.0633	158	0.3383
45	-0.1507	95	-0.1817	159	0.2553
46	-0.1017	96	0.1753	160	0.1803
47	-0.0567	97	-0.1277	161	0.0743
48	0.0193	98	0.3403	162	0.3273
49	0.0643	99	0.3743	163	0.2493
50	0.0863	100	-0.0337	164	0.0353
51	0.0783	101	-0.2977	165	0.0303

ORF	CP	ORF	CP	ORF	CP
166	0.4103	217	0.0873	268	-0.1477
167	0.2723	218	0.1103	269	0.1283
168	0.2333	219	0.1123	270	0.1723
169	0.1273	220	0.1023	271	-0.2697
170	0.3323	221	-0.0867	272	-0.0977
171	0.1833	222	-0.0977	273	0.1363
172	0.0193	223	0.2223	274	0.1103
173	0.1433	224	0.2843	275	0.3893
174	0.0413	225	0.3213	276	0.3803
175	-0.1397	226	0.2183	277	0.2613
176	-0.2927	227	-0.3067	278	-0.5517
177	-0.0657	228	-0.2617	279	-0.4717
178	-0.1177	229	-0.2127	280	-0.3697
179	-0.1127	230	-0.0647	281	-0.1957
180	-0.3267	231	0.0303	282	-0.1167
181	0.3543	232	0.0643	283	-0.1117
182	0.5123	233	0.0963	284	0.0203
183	0.4353	234	0.1013	285	0.0643
184	0.5363	235	-0.0237	286	-0.2807
185	0.5363	236	0.0183	287	-0.0807
186	0.5563	237	0.1873	288	0.1183
187	0.6073	238	0.1643	289	0.1243
188	0.7013	239	0.4363	290	0.1763
189	0.7493	240	0.3573	291	-0.5127
190	0.4973	241	-0.6597	292	0.2163
191	-0.3407	242	-0.5757	325	0.1413
192	-0.3517	244	-0.2867	326	0.1413
193	-0.3617	245	-0.0717	327	0.1403
194	-0.3617	246	0.0383	328	0.1423
195	-0.3507	247	0.0863	329	0.1413
196	-0.3567	248	0.1323	330	0.1413
197	-0.3407	249	-0.0317	331	0.1423
198	-0.3367	250	-0.0067	332	0.1423
199	-0.3447	251	0.1113	333	0.1423
200	-0.3357	252	0.1513	334	0.1433
201	-0.3217	253	0.4313	335	0.1423
202	-0.3217	254	0.3213	336	0.1453
203	-0.3207	255	-0.6747	337	0.1413
204	-0.3167	256	-0.5997	338	0.1423
205	0.3763	257	-0.4767	339	0.1413
206	0.3993	258	-0.3397	340	0.1423
207	0.4103	259	-0.1487	341	0.1423
208	0.4213	260	-0.0637	350	0.1453
210	0.3873	261	0.0483	351	0.1443
211	0.3223	262	0.1103	352	0.1453
212	0.2283	263	-0.1287	353	0.1443
213	-0.2877	264	-0.1117	354	0.1433
214	-0.1957	265	0.1123	355	0.1443
215	-0.1497	266	0.1673		
216	0.0003	267	-0.1627		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 637
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 41.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.205
TUNNEL DYNAMIC PRESSURE(PSF) = 779.
TUNNEL STAGNATION PRESSURE(PSF) = 1871.
TUNNEL STATIC PRESSURE(PSF) = 766.
REYNOLDS NUMBER PER FOOT = 3.9820E 06
MODEL ANGLE OF ATTACK(DEG) = 6.00
FIN ANGLE(DEG) = -0.54
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 552.

SCANIVALUE	CP(REF)
147	1.0237
247	1.0237
347	1.0237
447	1.0237
547	1.0237
647	1.0247
747	1.0247

ORF	CP	ORF	CP	ORF	CP
1	-0.0423	52	-0.0423	102	-0.2533
2	-0.2043	53	-0.1753	103	-0.5993
3	-0.1993	54	-0.2273	104	-0.5523
4	-0.1393	55	-0.4863	105	-0.4723
5	-0.0993	56	-0.4083	110	-0.1133
6	-0.0743	57	-0.3463	111	-0.1083
7	-0.0463	58	-0.2723	112	-0.0973
8	-0.0313	59	-0.2093	113	-0.1123
9	-0.0043	60	-0.1283	114	0.1447
10	0.0157	61	-0.0833	115	0.1467
11	0.0247	62	-0.0453	116	0.1477
12	0.0317	63	-0.0413	117	0.1457
13	0.0227	64	-0.2433	118	0.1487
14	-0.0863	65	-0.2383	119	0.1487
15	-0.1793	66	-0.5023	120	-0.0243
16	-0.2393	67	-0.4463	121	0.1317
17	-0.2333	68	-0.3863	122	0.1447
18	-0.2093	69	-0.3343	123	0.1457
19	-0.1783	70	-0.2763	124	-0.0773
20	-0.1563	71	-0.2043	125	-0.0963
21	-0.1243	72	-0.1313	126	-0.0663
22	-0.0873	73	-0.1213	127	-0.0863
23	-0.0493	74	-0.2373	128	-0.1603
24	-0.0233	75	-0.4813	129	-0.1483
25	-0.0003	76	-0.4683	135	-0.0603
26	0.0087	77	-0.4323	136	-0.0573
27	-0.0073	78	-0.3863	137	-0.0553
28	-0.0983	79	-0.3473	138	0.0337
29	-0.1943	80	-0.3053	139	0.0347
30	-0.3753	81	-0.2833	140	0.0317
32	-0.2213	82	-0.3173	141	0.0937
33	-0.1623	83	-0.3673	142	0.0927
34	-0.1253	84	-0.4693	143	0.0917
35	-0.0733	85	-0.4483	145	-0.0623
36	-0.0553	86	-0.4173	147	0.0947
37	-0.0313	87	-0.3863	151	0.1737
38	-0.0193	88	-0.3713	152	-0.1273
39	-0.0213	89	-0.3933	153	-0.2203
40	-0.0303	90	-0.4583	154	-0.3383
41	-0.1133	91	-0.4623	155	0.0387
42	-0.2123	92	-0.4403	156	0.0827
43	-0.4223	93	-0.4233	157	-0.0243
44	-0.3673	94	-0.4273	158	0.2687
45	-0.2903	95	-0.4563	159	0.1987
46	-0.2133	96	0.2567	160	0.1357
47	-0.1453	97	-0.0823	161	0.0127
48	-0.0923	98	0.4387	162	0.3037
49	-0.0463	99	0.4397	163	0.2217
50	-0.0173	100	-0.0163	164	0.0307
51	-0.0103	101	-0.2963	165	0.0027

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 637
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 41.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.205
TUNNEL DYNAMIC PRESSURE(PSF) = 779.
TUNNEL STAGNATION PRESSURE(PSF) = 1871.
TUNNEL STATIC PRESSURE(PSF) = 766.
REYNOLDS NUMBER PER FOOT = 3.9820E 06
MODEL ANGLE OF ATTACK(DEG) = 6.00
FIN ANGLE(DEG) = -0.54
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 552.

SCANIVALUE	CP(REF)
147	1.0237
247	1.0237
347	1.0237
447	1.0237
547	1.0237
647	1.0247
747	1.0247

ORF	CP	ORF	CP	ORF	CP
1	-0.0423	52	-0.0423	102	-0.2533
2	-0.2043	53	-0.1753	103	-0.5993
3	-0.1993	54	-0.2273	104	-0.5523
4	-0.1393	55	-0.4863	105	-0.4723
5	-0.0993	56	-0.4083	110	-0.1133
6	-0.0743	57	-0.3463	111	-0.1083
7	-0.0463	58	-0.2723	112	-0.0973
8	-0.0313	59	-0.2093	113	-0.1123
9	-0.0043	60	-0.1283	114	0.1447
10	0.0157	61	-0.0833	115	0.1467
11	0.0247	62	-0.0453	116	0.1477
12	0.0317	63	-0.0413	117	0.1457
13	0.0227	64	-0.2433	118	0.1487
14	-0.0863	65	-0.2383	119	0.1487
15	-0.1793	66	-0.5023	120	-0.0243
16	-0.2393	67	-0.4463	121	0.1317
17	-0.2333	68	-0.3863	122	0.1447
18	-0.2093	69	-0.3343	123	0.1457
19	-0.1783	70	-0.2763	124	-0.0773
20	-0.1563	71	-0.2043	125	-0.0963
21	-0.1243	72	-0.1313	126	-0.0663
22	-0.0873	73	-0.1213	127	-0.0863
23	-0.0493	74	-0.2373	128	-0.1603
24	-0.0233	75	-0.4813	129	-0.1483
25	-0.0003	76	-0.4683	135	-0.0603
26	0.0087	77	-0.4323	136	-0.0573
27	-0.0073	78	-0.3863	137	-0.0553
28	-0.0983	79	-0.3473	138	0.0337
29	-0.1943	80	-0.3053	139	0.0347
30	-0.3753	81	-0.2833	140	0.0317
32	-0.2213	82	-0.3173	141	0.0937
33	-0.1623	83	-0.3673	142	0.0927
34	-0.1253	84	-0.4693	143	0.0917
35	-0.0733	85	-0.4483	145	-0.0623
36	-0.0553	86	-0.4173	147	0.0947
37	-0.0313	87	-0.3863	151	0.1737
38	-0.0193	88	-0.3713	152	-0.1273
39	-0.0213	89	-0.3933	153	-0.2203
40	-0.0303	90	-0.4583	154	-0.3383
41	-0.1133	91	-0.4623	155	0.0387
42	-0.2123	92	-0.4403	156	0.0827
43	-0.4223	93	-0.4233	157	-0.0243
44	-0.3673	94	-0.4273	158	0.2687
45	-0.2903	95	-0.4563	159	0.1987
46	-0.2133	96	0.2567	160	0.1357
47	-0.1453	97	-0.0823	161	0.0127
48	-0.0923	98	0.4387	162	0.3037
49	-0.0463	99	0.4397	163	0.2217
50	-0.0173	100	-0.0163	164	0.0307
51	-0.0103	101	-0.2963	165	0.0027

ORF	CP	ORF	CP	ORF	CP
166	0.3907	217	0.0877	268	-0.1253
167	0.2787	218	0.1057	269	0.0977
168	0.2477	219	0.1167	270	0.1317
169	0.1447	220	0.0987	271	-0.2733
170	0.3327	221	-0.1153	272	-0.0913
171	0.1957	222	-0.1123	273	0.1167
172	0.0267	223	0.2017	274	0.1047
173	0.1137	224	0.2567	275	0.3107
174	0.0117	225	0.2887	276	0.2447
175	-0.1613	226	0.1927	277	0.1467
176	-0.3073	227	-0.2973	278	-0.4403
177	-0.0843	228	-0.2713	279	-0.3603
178	-0.1253	229	-0.2113	280	-0.2753
179	-0.1183	230	-0.0903	281	-0.1573
180	-0.3293	231	0.0277	282	-0.0893
181	0.2837	232	0.0627	283	-0.0653
182	0.4527	233	0.0867	284	0.0047
183	0.4107	234	0.0867	285	0.0327
184	0.5137	235	-0.0423	286	-0.2843
185	0.5447	236	-0.0063	287	-0.1113
186	0.5887	237	0.1657	288	0.1227
187	0.6677	238	0.1427	289	0.1487
188	0.7587	239	0.3647	290	0.1117
189	0.8357	240	0.2917	291	-0.5593
190	0.5327	241	-0.5603	292	0.2897
191	-0.3493	242	-0.4543	325	0.1447
192	-0.3433	244	-0.2163	326	0.1457
193	-0.3453	245	-0.0323	327	0.1467
194	-0.3513	246	0.0177	328	0.1467
195	-0.3573	247	0.0547	329	0.1467
196	-0.3653	248	0.0777	330	0.1477
197	-0.3383	249	-0.0463	331	0.1457
198	-0.3343	250	-0.0303	332	0.1477
199	-0.3373	251	0.0537	333	0.1467
200	-0.3443	252	0.0787	334	0.1477
201	-0.3303	253	0.3187	335	0.1487
202	-0.3263	254	0.2247	336	0.1437
203	-0.3263	255	-0.5463	337	0.1447
204	-0.3283	256	-0.4773	338	0.1457
205	0.3277	257	-0.3523	339	0.1477
206	0.3477	258	-0.1693	340	0.1447
207	0.3617	259	-0.0883	341	0.1477
208	0.3807	260	-0.0523	350	0.1497
210	0.3837	261	-0.0013	351	0.1517
211	0.2687	262	0.0557	352	0.1477
212	0.1967	263	-0.1473	353	0.1457
213	-0.3053	264	-0.0973	354	0.1467
214	-0.2153	265	0.0737	355	0.1497
215	-0.1403	266	0.1287		
216	0.0197	267	-0.1833		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 638
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 41.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.202
TUNNEL DYNAMIC PRESSURE(PSF) = 778.
TUNNEL STAGNATION PRESSURE(PSF) = 1871.
TUNNEL STATIC PRESSURE(PSF) = 769.
REYNOLDS NUMBER PER FOOT = 3.9770E 06
MODEL ANGLE OF ATTACK(DEG) = 7.92
FIN ANGLE(DEG) = -0.53
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 552.

SCANIVALUE	CP(REF)
147	1.0226
247	1.0206
347	1.0216
447	1.0216
547	1.0206
647	1.0206
747	1.0206

ORF	CP	ORF	CP	ORF	CP
1	-0.2194	52	-0.1274	102	-0.3164
2	-0.4014	53	-0.2194	103	-0.6454
3	-0.3744	54	-0.2474	104	-0.5894
4	-0.3374	55	-0.5284	105	-0.4784
5	-0.2674	56	-0.5214	110	-0.1134
6	-0.1814	57	-0.5174	111	-0.1104
7	-0.1104	58	-0.4844	112	-0.1014
8	-0.0484	59	-0.4404	113	-0.1234
9	-0.0174	60	-0.4044	114	0.1556
10	0.0056	61	-0.3624	115	0.1496
11	0.0306	62	-0.3094	116	0.1496
12	0.0476	63	-0.2784	117	0.1496
13	0.0466	64	-0.3074	118	0.1496
14	-0.0644	65	-0.3114	119	0.1516
15	-0.1704	66	-0.5254	120	0.0416
16	-0.4314	67	-0.5304	121	0.1416
17	-0.4394	68	-0.5184	122	0.1506
18	-0.4174	69	-0.5084	123	0.1556
19	-0.3974	70	-0.4904	124	-0.0824
20	-0.3484	71	-0.4674	125	-0.1004
21	-0.3074	72	-0.4634	126	-0.0744
22	-0.2444	73	-0.4614	127	-0.0884
23	-0.1654	74	-0.5034	128	-0.1524
24	-0.0934	75	-0.4894	129	-0.1254
25	-0.0344	76	-0.5094	135	-0.0644
26	0.0206	77	-0.5154	136	-0.0624
27	0.0346	78	-0.5154	137	-0.0574
28	-0.0594	79	-0.5304	138	0.0286
29	-0.1934	80	-0.5294	139	0.0276
30	-0.5464	81	-0.5474	140	0.0216
32	-0.4324	82	-0.4964	141	0.1036
33	-0.3754	83	-0.4144	142	0.1056
34	-0.3044	84	-0.5384	143	0.1066
35	-0.2444	85	-0.5484	145	-0.0704
36	-0.1944	86	-0.5554	147	0.1026
37	-0.1514	87	-0.5394	151	0.1156
38	-0.1164	88	-0.5074	152	-0.1514
39	-0.0824	89	-0.4584	153	-0.2484
40	-0.0624	90	-0.5334	154	-0.3474
41	-0.1124	91	-0.5254	155	0.0066
42	-0.2154	92	-0.5274	156	0.0356
43	-0.5584	93	-0.5284	157	-0.0904
44	-0.5344	94	-0.5194	158	0.2146
45	-0.4944	95	-0.4544	159	0.1296
46	-0.4444	96	0.3086	160	0.0776
47	-0.3744	97	-0.0664	161	-0.0434
48	-0.3054	98	0.5146	162	0.2796
49	-0.2274	99	0.4856	163	0.1796
50	-0.1704	100	-0.0194	164	0.0246
51	-0.1194	101	-0.3534	165	-0.0284

ORF	CP	ORF	CP	ORF	CP
166	0.3776	217	0.0836	268	-0.2304
167	0.2756	218	0.0956	269	0.1056
168	0.2606	219	0.1036	270	0.1586
169	0.1616	220	0.0846	271	-0.3214
170	0.3006	221	-0.1794	272	-0.1844
171	0.1806	222	-0.1394	273	0.1456
172	0.0196	223	0.1616	274	0.1436
173	0.0826	224	0.2336	275	0.2516
174	-0.0184	225	0.2556	276	0.1096
175	-0.1964	226	0.1576	277	0.0356
176	-0.3394	227	-0.2774	278	-0.5764
177	-0.1324	228	-0.2534	279	-0.4674
178	-0.2164	229	-0.2124	280	-0.3834
179	-0.1564	230	-0.0904	281	-0.2804
180	-0.3344	231	0.0156	282	-0.2064
181	0.1756	232	0.0606	283	-0.1174
182	0.3576	233	0.0676	284	0.0076
183	0.3566	234	0.0606	285	0.0546
184	0.4636	235	-0.0694	286	-0.3384
185	0.5086	236	-0.0384	287	-0.1904
186	0.5416	237	0.1356	288	0.1556
187	0.5876	238	0.1056	289	0.2166
188	0.6766	239	0.2656	290	0.1176
189	0.7486	240	0.1876	291	-0.5794
190	0.5896	241	-0.3664	292	0.3566
191	-0.3584	242	-0.2794	325	0.1466
192	-0.3524	244	-0.0994	326	0.1486
193	-0.3564	245	-0.0374	327	0.1476
194	-0.3504	246	-0.0114	328	0.1446
195	-0.3594	247	0.0226	329	0.1496
196	-0.3754	248	0.0446	330	0.1526
197	-0.3444	249	-0.0584	331	0.1506
198	-0.3424	250	-0.0654	332	0.1466
199	-0.3384	251	0.0116	333	0.1456
200	-0.3524	252	0.0356	334	0.1496
201	-0.3334	253	0.2726	335	0.1526
202	-0.3314	254	0.1946	336	0.1486
203	-0.3324	255	-0.6034	337	0.1466
204	-0.3314	256	-0.4644	338	0.1476
205	0.2766	257	-0.3324	339	0.1476
206	0.3196	258	-0.2004	340	0.1446
207	0.3196	259	-0.1514	341	0.1506
208	0.3506	260	-0.0984	350	0.1526
210	0.3266	261	-0.0344	351	0.1506
211	0.2276	262	0.0526	352	0.1466
212	0.1556	263	-0.1684	353	0.1446
213	-0.2544	264	-0.1714	354	0.1456
214	-0.2004	265	0.0726	355	0.1496
215	-0.1344	266	0.1386		
216	0.0016	267	-0.2074		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 639
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 41.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.198
TUNNEL DYNAMIC PRESSURE(PSF) = 778.
TUNNEL STAGNATION PRESSURE(PSF) = 1872.
TUNNEL STATIC PRESSURE(PSF) = 774.
REYNOLDS NUMBER PER FOOT = 3.9820E 06
MODEL ANGLE OF ATTACK(DEG) = 11.97
FIN ANGLE(DEG) = -0.56
FREE°STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 552.

SCANIVALUE	CP(REF)
147	1.0171
247	1.0161
347	1.0171
447	1.0171
547	1.0121
647	1.0121
747	1.0121

ORF	CP	ORF	CP	ORF	CP
1	-0.4499	52	-0.5319	102	-0.4219
2	-0.5729	53	-0.5079	103	-0.7139
3	-0.5309	54	-0.4879	104	-0.6519
4	-0.5549	55	-0.7549	105	-0.5059
5	-0.5579	56	-0.7619	110	-0.1179
6	-0.5329	57	-0.7619	111	-0.1129
7	-0.4739	58	-0.7379	112	-0.1019
8	-0.3779	59	-0.7149	113	-0.1379
9	-0.2899	60	-0.6929	114	0.1261
10	-0.1739	61	-0.6729	115	0.1221
11	-0.1309	62	-0.6599	116	0.1271
12	-0.0339	63	-0.6539	117	0.1261
13	0.0151	64	-0.6749	118	0.1241
14	-0.0419	65	-0.6919	119	0.1271
15	-0.1499	66	-0.6959	120	-0.0779
16	-0.6619	67	-0.6989	121	0.1041
17	-0.7329	68	-0.7199	122	0.1281
18	-0.7449	69	-0.7209	123	0.1251
19	-0.7239	70	-0.7209	124	-0.1359
20	-0.7009	71	-0.7219	125	-0.1469
21	-0.6729	72	-0.7209	126	-0.1149
22	-0.6459	73	-0.7249	127	-0.1349
23	-0.6039	74	-0.6539	128	-0.1839
24	-0.5389	75	-0.6399	129	-0.1789
25	-0.4239	76	-0.6409	135	-0.1219
26	-0.2589	77	-0.6429	136	-0.1239
27	-0.1029	78	-0.6469	137	-0.1279
28	-0.0699	79	-0.6339	138	0.0081
29	-0.1599	80	-0.6159	139	-0.0069
30	-0.7759	81	-0.5839	140	0.0061
32	-0.7289	82	-0.5509	141	0.1021
33	-0.6969	83	-0.4789	142	0.1011
34	-0.6609	84	-0.5949	143	0.1181
35	-0.6289	85	-0.5769	145	-0.1259
36	-0.5909	86	-0.5509	147	0.0911
37	-0.5349	87	-0.5259	151	0.0461
38	-0.4719	88	-0.5079	152	-0.1689
39	-0.4129	89	-0.4799	153	-0.2399
40	-0.3609	90	-0.5579	154	-0.3209
41	-0.3489	91	-0.5279	155	-0.0569
42	-0.3599	92	-0.5019	156	-0.0299
43	-0.7899	93	-0.4779	157	-0.1359
44	-0.7869	94	-0.4619	158	0.1311
45	-0.7689	95	-0.4429	159	0.0201
46	-0.7379	96	0.4081	160	-0.0319
47	-0.7039	97	-0.0449	161	-0.1289
48	-0.6669	98	0.6091	162	0.1451
49	-0.6249	99	0.5351	163	0.0561
50	-0.5829	100	0.0261	164	-0.0029
51	-0.5529	101	-0.4319	165	-0.1119

ORF	CP	ORF	CP	ORF	CP
166	0.2231	217	0.0421	268	-0.3889
167	0.0951	218	0.0551	269	0.0841
168	0.0721	219	0.0301	270	0.1861
169	-0.0119	220	-0.0039	271	-0.3869
170	0.1051	221	-0.2439	272	-0.2599
171	-0.0039	222	-0.1839	273	0.1451
172	-0.1289	223	0.0661	274	0.1711
173	0.0351	224	0.1361	275	0.1621
174	-0.0769	225	0.1691	276	-0.1479
175	-0.2129	226	0.0891	277	-0.2149
176	-0.3089	227	-0.2229	278	-0.7899
177	-0.1979	228	-0.1829	279	-0.7369
178	-0.2449	229	-0.1409	280	-0.6509
179	-0.1949	230	-0.0559	281	-0.5779
180	-0.3329	231	0.0101	282	-0.5109
181	0.1981	232	0.0171	283	-0.4779
182	0.3271	233	0.0081	284	-0.2689
183	0.2521	234	-0.0109	285	-0.0249
184	0.3511	235	-0.1399	286	-0.4259
185	0.3791	236	-0.1039	287	-0.2529
186	0.3931	237	0.0501	288	0.1711
187	0.4121	238	0.0641	289	0.2771
188	0.4171	239	0.1021	290	0.1111
189	0.4281	240	0.0711	291	-0.5279
190	0.6811	241	-0.4229	292	0.3371
191	-0.3809	242	-0.3329	325	0.1341
192	-0.3719	244	-0.1269	326	0.1291
193	-0.3889	245	-0.0909	327	0.1251
194	-0.3789	246	-0.0819	328	0.1301
195	-0.3819	247	-0.0829	329	0.1311
196	-0.3859	248	-0.0259	330	0.1301
197	-0.3609	249	-0.1539	331	0.1311
198	-0.3569	250	-0.1539	332	0.1291
199	-0.3539	251	-0.0359	333	0.1311
200	-0.3669	252	0.0331	334	0.1301
201	-0.3469	253	0.2421	335	0.1331
202	-0.3429	254	0.1771	336	0.1301
203	-0.3459	255	-0.6999	337	0.1351
204	-0.3469	256	-0.6129	338	0.1291
205	0.0981	257	-0.5399	339	0.1261
206	0.2461	258	-0.4399	340	0.1321
207	0.1371	259	-0.3969	341	0.1311
208	0.1981	260	-0.3699	350	0.1221
210	0.1591	261	-0.2539	351	0.1311
211	0.1771	262	-0.0459	352	0.1261
212	0.1241	263	-0.2709	353	0.1241
213	-0.1679	264	-0.2999	354	0.1231
214	-0.0709	265	0.0651	355	0.1231
215	-0.0399	266	0.1511		
216	0.0221	267	-0.2579		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 640
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 41.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.207
TUNNEL DYNAMIC PRESSURE(PSF) = 781.
TUNNEL STAGNATION PRESSURE(PSF) = 1874.
TUNNEL STATIC PRESSURE(PSF) = 766.
REYNOLDS NUMBER PER FOOT = 3.9840E 06
MODEL ANGLE OF ATTACK(DEG) = 14.12
FIN ANGLE(DEG) = -0.58
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 552.

SCANIVALUE	CP(REF)
147	1.0212
247	1.0212
347	1.0212
447	1.0222
547	1.0262
647	1.0262
747	1.0262

ORF	CP	ORF	CP	ORF	CP
1	-0.4908	52	-0.6708	102	-0.4748
2	-0.5348	53	-0.6468	103	-0.6948
3	-0.5388	54	-0.6098	104	-0.6118
4	-0.5728	55	-0.7368	105	-0.5218
5	-0.5668	56	-0.7408	110	-0.0928
6	-0.5598	57	-0.7258	111	-0.1008
7	-0.5478	58	-0.7038	112	-0.0928
8	-0.5218	59	-0.6838	113	-0.1338
9	-0.4808	60	-0.6638	114	0.1282
10	-0.4308	61	-0.6468	115	0.1272
11	-0.3808	62	-0.6298	116	0.1342
12	-0.3088	63	-0.6148	117	0.1352
13	-0.1998	64	-0.6038	118	0.1302
14	-0.1778	65	-0.5968	119	0.1322
15	-0.2308	66	-0.7108	120	-0.1358
16	-0.6848	67	-0.7068	121	0.0912
17	-0.7648	68	-0.6928	122	0.1192
18	-0.7968	69	-0.6868	123	0.1312
19	-0.7918	70	-0.6678	124	-0.1548
20	-0.7598	71	-0.6518	125	-0.1688
21	-0.7238	72	-0.6368	126	-0.1378
22	-0.7048	73	-0.6198	127	-0.1538
23	-0.6918	74	-0.5938	128	-0.2308
24	-0.6558	75	-0.6608	129	-0.1838
25	-0.6068	76	-0.6488	135	-0.1468
26	-0.5368	77	-0.6398	136	-0.1408
27	-0.3978	78	-0.6338	137	-0.1338
28	-0.3048	79	-0.6168	138	0.0192
29	-0.2508	80	-0.6078	139	0.0042
30	-0.8038	81	-0.5918	140	0.0072
32	-0.7908	82	-0.5828	141	0.1232
33	-0.7748	83	-0.4918	142	0.1122
34	-0.7528	84	-0.6138	143	0.1342
35	-0.7258	85	-0.6098	145	-0.1398
36	-0.7008	86	-0.5998	147	0.1032
37	-0.6658	87	-0.5828	151	-0.0368
38	-0.6188	88	-0.5658	152	-0.2258
39	-0.5678	89	-0.5538	153	-0.2428
40	-0.4938	90	-0.5758	154	-0.2678
41	-0.4738	91	-0.5798	155	-0.1428
42	-0.4738	92	-0.5768	156	-0.0298
43	-0.8498	93	-0.5678	157	-0.0868
44	-0.8338	94	-0.5538	158	0.1682
45	-0.8218	95	-0.5408	159	0.0212
46	-0.8008	96	0.4582	160	-0.0058
47	-0.7768	97	-0.0238	161	-0.0848
48	-0.7558	98	0.6422	162	0.1232
49	-0.7258	99	0.5732	163	0.0502
50	-0.6938	100	0.0442	164	0.0082
51	-0.6808	101	-0.4908	165	-0.1228

ORF	CP	ORF	CP	ORF	CP
166	0.1562	217	0.0542	268	-0.4068
167	0.0712	218	0.0512	269	0.0672
168	0.0232	219	0.0152	270	0.2242
169	-0.0608	220	-0.0188	271	-0.4418
170	0.0372	221	-0.2498	272	-0.1888
171	0.0042	222	-0.2188	273	0.1972
172	-0.1108	223	0.0442	274	0.2022
173	0.1022	224	0.0912	275	0.1432
174	-0.0348	225	0.1662	276	-0.2468
175	-0.1558	226	0.0792	277	-0.2628
176	-0.2718	227	-0.2248	278	-0.7858
177	-0.2518	228	-0.1748	279	-0.7728
178	-0.2788	229	-0.1188	280	-0.7048
179	-0.2538	230	-0.0318	281	-0.6568
180	-0.3118	231	0.0032	282	-0.5488
181	0.2562	232	0.0042	283	-0.5428
182	0.3642	233	-0.0148	284	-0.4598
183	0.2662	234	-0.0278	285	-0.2418
184	0.3922	235	-0.1818	286	-0.4818
185	0.4352	236	-0.1238	287	-0.2338
186	0.4262	237	0.0502	288	0.1982
187	0.4262	238	0.0882	289	0.3042
188	0.4372	239	0.0972	290	0.1332
189	0.4322	240	0.0732	291	-0.5378
190	0.7272	241	-0.5548	292	0.3332
191	-0.3718	242	-0.4398	325	0.1212
192	-0.3628	244	-0.1928	326	0.1202
193	-0.3858	245	-0.1218	327	0.1222
194	-0.3548	246	-0.1208	328	0.1232
195	-0.3728	247	-0.1368	329	0.1232
196	-0.3708	248	-0.0838	330	0.1272
197	-0.3498	249	-0.2428	331	0.1232
198	-0.3468	250	-0.1718	332	0.1232
199	-0.3418	251	-0.0048	333	0.1242
200	-0.3568	252	0.0832	334	0.1252
201	-0.3358	253	0.2692	335	0.1282
202	-0.3298	254	0.2212	336	0.1252
203	-0.3348	255	-0.7148	337	0.1222
204	-0.3358	256	-0.6588	338	0.1222
205	0.0292	257	-0.6158	339	0.1202
206	0.2472	258	-0.5408	340	0.1252
207	0.0862	259	-0.5198	341	0.1222
208	0.1552	260	-0.5008	350	0.1302
210	0.1312	261	-0.3658	351	0.1312
211	0.1762	262	-0.2368	352	0.1332
212	0.1152	263	-0.2988	353	0.1242
213	-0.1728	264	-0.3088	354	0.1262
214	-0.0858	265	0.0772	355	0.1242
215	-0.0248	266	0.1362		
216	0.0342	267	-0.2948		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 641
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 41.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.198
TUNNEL DYNAMIC PRESSURE(PSF) = 777.
TUNNEL STAGNATION PRESSURE(PSF) = 1871.
TUNNEL STATIC PRESSURE(PSF) = 773.
REYNOLDS NUMBER PER FOOT = 3.9830E 06
MODEL ANGLE OF ATTACK(DEG) = 0.10
FIN ANGLE(DEG) = -0.62
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 551.

SCANIVALUE	CP(REF)
147	1.0171
247	1.0151
347	1.0161
447	1.0171
547	1.0151
647	1.0151
747	1.0151

ORF	CP	ORF	CP	ORF	CP
1	0.3211	52	0.1431	102	-0.2759
2	-0.0619	53	-0.0389	103	-0.5519
3	-0.3809	54	-0.1939	104	-0.5259
4	-0.1849	55	0.2891	105	-0.4399
5	0.0321	56	0.2601	110	-0.1219
6	0.1221	57	0.2431	111	-0.1289
7	0.1551	58	0.2311	112	-0.1049
8	0.1691	59	0.2211	113	-0.1189
9	0.1741	60	0.2201	114	0.1541
10	0.1791	61	0.2051	115	0.1541
11	0.1751	62	0.1791	116	0.1541
12	0.1761	63	0.1371	117	0.1531
13	0.1581	64	-0.1749	118	0.1531
14	0.0371	65	-0.1849	119	0.1531
15	-0.0789	66	0.2681	120	-0.1459
16	0.0301	67	0.2651	121	0.1191
17	-0.1649	68	0.2541	122	0.1501
18	-0.2199	69	0.2361	123	0.1521
19	0.0601	70	0.2211	124	-0.0689
20	0.1731	71	0.2021	125	-0.0819
21	0.1841	72	0.1731	126	-0.0439
22	0.1931	73	0.1121	127	-0.0589
23	0.1941	74	-0.1979	128	-0.1129
24	0.1861	75	0.2811	129	-0.1469
25	0.1831	76	0.2681	135	-0.0459
26	0.1731	77	0.2431	136	-0.0409
27	0.1571	78	0.2251	137	-0.0399
28	0.0411	79	0.1941	138	0.0531
29	-0.1199	80	0.1371	139	0.0531
30	-0.0309	81	0.0491	140	0.0561
32	0.1021	82	-0.2079	141	0.1081
33	0.1991	83	0.2631	142	0.1071
34	0.2081	84	0.2571	143	0.1091
35	0.2001	85	0.2201	145	-0.0439
36	0.2031	86	0.1651	147	0.1081
37	0.1931	87	0.1351	151	0.1391
38	0.1981	88	0.0711	152	-0.1169
39	0.1871	89	-0.2169	153	-0.2049
40	0.1561	90	0.2391	154	-0.3869
41	0.0711	91	0.1791	155	0.1931
42	-0.1729	92	0.1511	156	0.2391
43	0.0351	93	0.1261	157	0.0611
44	0.2201	94	0.0791	158	0.5101
45	0.2391	95	-0.2219	159	0.3691
46	0.2321	96	-0.3589	160	0.3251
47	0.2191	97	-0.1749	161	0.2271
48	0.2171	98	0.2451	162	0.4781
49	0.2101	99	0.2611	163	0.3951
50	0.2021	100	0.0651	164	0.0471
51	0.1811	101	-0.3249	165	0.1461

ORF	CP	ORF	CP	ORF	CP
166	0.5551	217	0.0621	268	-0.1949
167	0.3811	218	0.1361	269	0.1511
168	0.3411	219	0.1631	270	0.2521
169	0.2111	220	0.1691	271	-0.2869
170	0.4201	221	-0.0759	272	-0.2919
171	0.2851	222	-0.0959	273	0.1681
172	0.0941	223	0.2991	274	0.1801
173	0.1571	224	0.3831	275	0.4511
174	0.0471	225	0.4141	276	0.5191
175	-0.1819	226	0.2991	277	0.4011
176	-0.3449	227	-0.4879	278	-0.6019
177	-0.0819	228	-0.3749	279	-0.5519
178	-0.1979	229	-0.2549	280	-0.4539
179	-0.1749	230	-0.1069	281	-0.3139
180	-0.3409	231	0.0641	282	0.0021
181	0.3821	232	0.1171	283	0.1251
182	0.5631	233	0.1491	284	0.1741
183	0.5871	234	0.1641	285	0.1651
184	0.7651	235	0.0041	286	-0.3129
185	0.8241	236	0.0441	287	-0.1919
186	0.8411	237	0.2641	288	0.1761
187	0.9231	238	0.2171	289	0.1871
188	0.9951	239	0.3591	290	0.2241
189	1.0141	240	0.2681	291	-0.3179
190	0.4521	241	-0.2849	292	0.1771
191	-0.3489	242	-0.2649	325	0.1511
192	-0.3829	244	-0.0449	326	0.1501
193	-0.3849	245	0.0631	327	0.1511
194	-0.3599	246	0.0911	328	0.1521
195	-0.3529	247	0.1381	329	0.1521
196	-0.3579	248	0.1521	330	0.1521
197	-0.3499	249	0.0421	331	0.1511
198	-0.3439	250	0.0311	332	0.1511
199	-0.3439	251	0.0871	333	0.1531
200	-0.3389	252	0.1211	334	0.1521
201	-0.3309	253	0.3861	335	0.1521
202	-0.3329	254	0.2901	336	0.1521
203	-0.3289	255	-0.6209	337	0.1511
204	-0.3269	256	-0.5529	338	0.1491
205	0.3631	257	-0.4649	339	0.1511
206	0.3891	258	-0.2129	340	0.1521
207	0.3911	259	0.0401	341	0.1521
208	0.3911	260	0.1161	350	0.1541
210	0.4081	261	0.1671	351	0.1521
211	0.5041	262	0.1831	352	0.1521
212	0.3621	263	-0.0609	353	0.1521
213	-0.4519	264	-0.0969	354	0.1521
214	-0.4069	265	0.1381	355	0.1531
215	-0.3299	266	0.2231		
216	-0.1229	267	-0.1039		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 642
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 39.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.102
TUNNEL DYNAMIC PRESSURE(PSF) = 745.
TUNNEL STAGNATION PRESSURE(PSF) = 1876.
TUNNEL STATIC PRESSURE(PSF) = 876.
REYNOLDS NUMBER PER FOOT = 3.9780E 06
MODEL ANGLE OF ATTACK(DEG) = -14.18
FIN ANGLE(DEG) = 0.01
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 550.

SCANIVALUE	CP(REF)
147	0.9222
247	0.9222
347	0.9232
447	0.9232
547	0.9242
647	0.9232
747	0.9222

ORF	CP	ORF	CP	ORF	CP
1	0.6542	52	0.2682	102	-0.4858
2	0.3722	53	-0.0078	103	-0.7718
3	0.4122	54	-0.0488	104	-0.6928
4	0.4522	55	0.6732	105	-0.5678
5	0.4492	56	0.6142	110	-0.2128
6	0.4372	57	0.5742	111	-0.2208
7	0.4372	58	0.5302	112	-0.1788
8	0.4202	59	0.4882	113	-0.2108
9	0.4132	60	0.4412	114	0.0892
10	0.4022	61	0.3892	115	0.0862
11	0.3832	62	0.3222	116	0.0862
12	0.3562	63	0.2222	117	0.0912
13	0.3162	64	-0.1718	118	0.0922
14	0.1412	65	-0.0268	119	0.0912
15	0.0362	66	0.6522	120	-0.0658
16	0.6242	67	0.5962	121	0.0822
17	0.5762	68	0.5412	122	0.0872
18	0.5452	69	0.4902	123	0.0912
19	0.5152	70	0.4342	124	-0.1518
20	0.4982	71	0.3742	125	-0.1768
21	0.4702	72	0.2952	126	-0.1398
22	0.4552	73	0.1622	127	-0.1618
23	0.4282	74	0.0042	128	-0.2448
24	0.4092	75	0.6252	129	-0.1778
25	0.3882	76	0.5572	135	-0.1398
26	0.3562	77	0.4902	136	-0.1418
27	0.3042	78	0.4232	137	-0.1378
28	0.1542	79	0.3452	138	0.0262
29	-0.0098	80	0.2452	139	0.0232
30	0.6722	81	0.0552	140	0.0262
32	0.5772	82	-0.0248	141	0.1492
33	0.5452	83	0.5532	142	0.1072
34	0.5142	84	0.5102	143	0.1302
35	0.4862	85	0.4232	145	-0.1448
36	0.4642	86	0.3222	147	0.1122
37	0.4322	87	0.2132	151	0.2492
38	0.4052	88	0.0582	152	-0.0508
39	0.3672	89	-0.0868	153	-0.1178
40	0.3052	90	0.4952	154	-0.3578
41	0.1702	91	0.3152	155	0.2062
42	-0.0378	92	0.1932	156	0.3832
43	0.6822	93	0.0932	157	0.1752
44	0.6292	94	-0.0238	158	0.7732
45	0.5832	95	-0.1848	159	0.4802
46	0.5522	96	-0.6538	160	0.4562
47	0.5162	97	-0.4258	161	0.3332
48	0.4832	98	-0.8268	162	0.7122
49	0.4472	99	-0.7168	163	0.5392
50	0.4042	100	-0.5908	164	0.0192
51	0.3492	101	-0.5048	165	0.2272

ORF	CP	ORF	CP	ORF	CP
166	0.5562	217	-0.4358	268	-0.2448
167	0.4912	218	-0.4548	269	0.1642
168	0.3902	219	0.0492	270	0.3212
169	0.2012	220	0.1992	271	-0.3998
170	0.6572	221	0.0242	272	-0.4028
171	0.3272	222	0.0242	273	0.1692
172	0.0692	223	0.4112	274	0.1892
173	0.3242	224	0.4332	275	0.2452
174	0.1732	225	0.4032	276	0.8082
175	-0.0678	226	0.3062	277	0.6702
176	-0.3688	227	-0.8608	278	-0.1718
177	-0.0208	228	-0.7998	279	-0.0118
178	-0.1618	229	-0.7428	280	0.1822
179	-0.1358	230	-0.6478	281	0.4012
180	-0.3598	231	-0.5648	282	0.4502
181	0.6542	232	-0.3778	283	0.4262
182	0.8282	233	0.0812	284	0.4092
183	0.6812	234	0.2102	285	0.3292
184	0.9882	235	-0.0078	286	-0.4978
185	1.1792	236	0.1552	287	-0.2528
186	1.2482	237	0.4222	288	0.1362
187	1.2402	238	0.3992	289	0.1432
188	1.2032	239	0.2592	290	0.2932
189	1.0792	240	0.2172	291	-0.2948
190	0.1012	241	-0.7018	292	-0.2118
191	-0.2738	242	-0.5718	325	0.0882
192	-0.3388	244	-0.2698	326	0.0902
193	-0.3388	245	-0.0498	327	0.0892
194	-0.3078	246	0.0812	328	0.0922
195	-0.3748	247	0.2102	329	0.0932
196	-0.3518	248	0.2452	330	0.0892
197	-0.3298	249	0.0642	331	0.0912
198	-0.3268	250	0.0782	332	0.0902
199	-0.3338	251	0.1912	333	0.0912
200	-0.3298	252	0.2072	334	0.0912
201	-0.3218	253	0.5002	335	0.0912
202	-0.3258	254	0.3672	336	0.0902
203	-0.3238	255	-0.2678	337	0.0882
204	-0.3218	256	-0.1698	338	0.0902
205	0.1952	257	-0.0878	339	0.0902
206	0.2062	258	0.0712	340	0.0902
207	0.1892	259	0.1982	341	0.0912
208	0.2172	260	0.2452	350	0.0912
210	0.5552	261	0.2772	351	0.0912
211	0.1382	262	0.2822	352	0.0882
212	0.2002	263	-0.0208	353	0.0862
213	-0.7168	264	-0.1188	354	0.0922
214	-0.6688	265	0.1672	355	0.0912
215	-0.5878	266	0.3032		
216	-0.4198	267	-0.0538		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 643
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 39.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.109
TUNNEL DYNAMIC PRESSURE(PSF) = 748.
TUNNEL STAGNATION PRESSURE(PSF) = 1875.
TUNNEL STATIC PRESSURE(PSF) = 868.
REYNOLDS NUMBER PER FOOT = 3.9830E 06
MODEL ANGLE OF ATTACK(DEG) = -12.06
FIN ANGLE(DEG) = 0.91
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 550.

SCANIVALUE	CP(REF)
147	0.9306
247	0.9316
347	0.9306
447	0.9316
547	0.9316
647	0.9306
747	0.9316

ORF	CP	ORF	CP	ORF	CP
1	0.5916	52	0.2496	102	-0.4054
2	0.3186	53	-0.0154	103	-0.7704
3	0.3496	54	-0.0894	104	-0.7484
4	0.3886	55	0.6376	105	-0.5554
5	0.4026	56	0.5806	110	-0.2204
6	0.3966	57	0.5386	111	-0.2474
7	0.3956	58	0.4976	112	-0.1854
8	0.3866	59	0.4606	113	-0.1954
9	0.3816	60	0.4196	114	0.0986
10	0.3696	61	0.3686	115	0.1016
11	0.3576	62	0.3056	116	0.1056
12	0.3346	63	0.2096	117	0.1036
13	0.3016	64	-0.1894	118	0.1066
14	0.1286	65	-0.0934	119	0.1016
15	0.0216	66	0.6216	120	-0.0204
16	0.5546	67	0.5596	121	0.0896
17	0.5066	68	0.5086	122	0.1006
18	0.4886	69	0.4616	123	0.0986
19	0.4686	70	0.4126	124	-0.1314
20	0.4506	71	0.3556	125	-0.1484
21	0.4326	72	0.2786	126	-0.1124
22	0.4166	73	0.1536	127	-0.1304
23	0.4016	74	-0.0874	128	-0.2384
24	0.3826	75	0.5966	129	-0.1744
25	0.3626	76	0.5256	135	-0.1214
26	0.3366	77	0.4616	136	-0.1204
27	0.2876	78	0.3996	137	-0.1104
28	0.1386	79	0.3276	138	0.0366
29	-0.0204	80	0.2276	139	0.0286
30	0.6196	81	0.0446	140	0.0366
32	0.5346	82	-0.1094	141	0.1196
33	0.5016	83	0.5216	142	0.1186
34	0.4746	84	0.4796	143	0.1186
35	0.4526	85	0.3946	145	-0.1204
36	0.4316	86	0.2986	147	0.1166
37	0.4106	87	0.1926	151	0.2286
38	0.3846	88	0.0426	152	-0.0634
39	0.3456	89	-0.1604	153	-0.1384
40	0.2886	90	0.4696	154	-0.3674
41	0.1566	91	0.2866	155	0.2276
42	-0.0544	92	0.1586	156	0.3596
43	0.6366	93	0.0626	157	0.1586
44	0.5856	94	-0.0484	158	0.7356
45	0.5426	95	-0.2294	159	0.4796
46	0.5126	96	-0.6164	160	0.4526
47	0.4836	97	-0.3804	161	0.3286
48	0.4516	98	-0.9104	162	0.7026
49	0.4156	99	-0.7354	163	0.5446
50	0.3776	100	-0.5674	164	0.0296
51	0.3256	101	-0.4334	165	0.2366

ORF	CP	ORF	CP	ORF	CP
166	0.5336	217	-0.4274	268	-0.2224
167	0.4946	218	-0.4304	269	0.1746
168	0.4126	219	0.1146	270	0.3226
169	0.2246	220	0.2126	271	-0.3484
170	0.6236	221	0.0186	272	-0.3694
171	0.3456	222	-0.0004	273	0.1676
172	0.0836	223	0.3906	274	0.1756
173	0.2896	224	0.4236	275	0.2986
174	0.1636	225	0.3956	276	0.7346
175	-0.1204	226	0.2936	277	0.6136
176	-0.3694	227	-0.8374	278	-0.1494
177	-0.0324	228	-0.7604	279	-0.0224
178	-0.1794	229	-0.6914	280	0.1776
179	-0.1494	230	-0.5874	281	0.3546
180	-0.3434	231	-0.5094	282	0.4096
181	0.6156	232	-0.1984	283	0.3986
182	0.7926	233	0.1326	284	0.3916
183	0.6616	234	0.2196	285	0.3136
184	0.9096	235	-0.0034	286	-0.4244
185	1.1236	236	0.1356	287	-0.3284
186	1.2506	237	0.3946	288	0.1236
187	1.2736	238	0.3536	289	0.1226
188	1.2766	239	0.3386	290	0.2946
189	1.2066	240	0.2726	291	-0.3554
190	0.1326	241	-0.6384	292	-0.1214
191	-0.2804	242	-0.5224	325	0.0886
192	-0.3354	244	-0.2284	326	0.0906
193	-0.3334	245	-0.0344	327	0.0906
194	-0.3064	246	0.0806	328	0.0866
195	-0.3764	247	0.2016	329	0.0916
196	-0.3464	248	0.2276	330	0.0926
197	-0.3214	249	0.0776	331	0.0926
198	-0.3204	250	0.0726	332	0.0926
199	-0.3264	251	0.1706	333	0.0896
200	-0.3324	252	0.1866	334	0.0926
201	-0.3144	253	0.5326	335	0.0926
202	-0.3164	254	0.3876	336	0.0906
203	-0.3174	255	-0.2834	337	0.0886
204	-0.3194	256	-0.2364	338	0.0916
205	0.2256	257	-0.1744	339	0.0906
206	0.2436	258	0.0056	340	0.0866
207	0.2306	259	0.1566	341	0.0916
208	0.2536	260	0.2176	350	0.1046
210	0.5506	261	0.2636	351	0.1056
211	0.2136	262	0.2766	352	0.1096
212	0.2326	263	-0.0164	353	0.1106
213	-0.6824	264	-0.0974	354	0.1066
214	-0.6014	265	0.1716	355	0.1076
215	-0.5094	266	0.2916		
216	-0.3474	267	-0.0554		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 644
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 39.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.102
TUNNEL DYNAMIC PRESSURE(PSF) = 744.
TUNNEL STAGNATION PRESSURE(PSF) = 1874.
TUNNEL STATIC PRESSURE(PSF) = 876.
REYNOLDS NUMBER PER FOOT = 3.9840E 06
MODEL ANGLE OF ATTACK(DEG) = -8.06
FIN ANGLE(DEG) = 1.59
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 549.

SCANIVALUE	CP(REF)
147	0.9236
247	0.9226
347	0.9236
447	0.9236
547	0.9226
647	0.9226
747	0.9226

ORF	CP	ORF	CP	ORF	CP
1	0.5166	52	0.2066	102	-0.3744
2	0.2936	53	-0.0474	103	-0.7104
3	0.2876	54	-0.1584	104	-0.6644
4	0.3236	55	0.5716	105	-0.5334
5	0.3356	56	0.5086	110	-0.1864
6	0.3296	57	0.4636	111	-0.2164
7	0.3426	58	0.4286	112	-0.1554
8	0.3356	59	0.3996	113	-0.1644
9	0.3316	60	0.3626	114	0.1116
10	0.3276	61	0.3136	115	0.1066
11	0.3136	62	0.2556	116	0.1106
12	0.2896	63	0.1696	117	0.1076
13	0.2556	64	-0.2314	118	0.1066
14	0.0906	65	-0.1784	119	0.1096
15	-0.0214	66	0.5596	120	-0.0224
16	0.4476	67	0.4916	121	0.1006
17	0.4176	68	0.4406	122	0.1106
18	0.4036	69	0.3946	123	0.1106
19	0.3826	70	0.3546	124	-0.0744
20	0.3726	71	0.3016	125	-0.0954
21	0.3726	72	0.2316	126	-0.0464
22	0.3636	73	0.1156	127	-0.0784
23	0.3496	74	-0.2004	128	-0.2214
24	0.3346	75	0.5376	129	-0.1864
25	0.3196	76	0.4586	135	-0.0714
26	0.2956	77	0.3966	136	-0.0694
27	0.2426	78	0.3306	137	-0.0694
28	0.0936	79	0.2576	138	0.0286
29	-0.0624	80	0.1716	139	0.0236
30	0.5076	81	0.0106	140	0.0356
32	0.4446	82	-0.2414	141	0.1316
33	0.4316	83	0.4656	142	0.1326
34	0.4086	84	0.4136	143	0.1316
35	0.3916	85	0.3216	145	-0.0754
36	0.3756	86	0.2266	147	0.1296
37	0.3586	87	0.1386	151	0.1806
38	0.3336	88	0.0036	152	-0.0994
39	0.2966	89	-0.2904	153	-0.1884
40	0.2396	90	0.4076	154	-0.3784
41	0.1136	91	0.2166	155	0.2166
42	-0.0994	92	0.1036	156	0.2806
43	0.5636	93	0.0216	157	0.0856
44	0.5026	94	-0.0734	158	0.6126
45	0.4696	95	-0.3614	159	0.4146
46	0.4476	96	-0.4654	160	0.3846
47	0.4216	97	-0.3164	161	0.2676
48	0.3926	98	-0.5894	162	0.6096
49	0.3606	99	-0.5744	163	0.4696
50	0.3266	100	-0.5454	164	0.0206
51	0.2756	101	-0.4184	165	0.1836

ORF	CP	ORF	CP	ORF	CP
166	0.5116	217	-0.3954	268	-0.2534
167	0.4426	218	-0.0604	269	0.1476
168	0.3706	219	0.1586	270	0.2806
169	0.2006	220	0.1756	271	-0.3414
170	0.4966	221	-0.0574	272	-0.3674
171	0.2946	222	-0.0634	273	0.1406
172	0.0746	223	0.3746	274	0.1416
173	0.2176	224	0.4226	275	0.3116
174	0.1086	225	0.4096	276	0.6426
175	-0.1714	226	0.2776	277	0.5496
176	-0.3604	227	-0.8774	278	-0.1094
177	-0.0664	228	-0.8074	279	0.0456
178	-0.2104	229	-0.7324	280	0.1646
179	-0.1474	230	-0.5344	281	0.2736
180	-0.3324	231	-0.1934	282	0.3446
181	0.4816	232	0.0136	283	0.3376
182	0.6546	233	0.1556	284	0.3386
183	0.4876	234	0.1796	285	0.2686
184	0.6686	235	-0.0134	286	-0.4064
185	0.7956	236	0.0716	287	-0.2654
186	0.9486	237	0.3026	288	0.1116
187	1.0936	238	0.2736	289	0.1046
188	1.1756	239	0.4526	290	0.2716
189	1.2246	240	0.3626	291	-0.2624
190	0.2046	241	-0.6544	292	-0.0104
191	-0.2994	242	-0.5394	325	0.1086
192	-0.3454	244	-0.2504	326	0.1096
193	-0.3444	245	-0.0264	327	0.1056
194	-0.3204	246	0.0946	328	0.1086
195	-0.3364	247	0.1946	329	0.1036
196	-0.3344	248	0.2006	330	0.1096
197	-0.3254	249	0.0456	331	0.1116
198	-0.3224	250	0.0186	332	0.1046
199	-0.3254	251	0.1166	333	0.1086
200	-0.3214	252	0.1486	334	0.1036
201	-0.3094	253	0.5506	335	0.1106
202	-0.3114	254	0.4266	336	0.1066
203	-0.3134	255	-0.3834	337	0.1086
204	-0.3124	256	-0.3304	338	0.1096
205	0.2796	257	-0.2794	339	0.1036
206	0.2816	258	-0.1274	340	0.1066
207	0.2896	259	0.0936	341	0.1036
208	0.3106	260	0.2106	350	0.1106
210	0.5566	261	0.2746	351	0.1086
211	0.3536	262	0.2736	352	0.1096
212	0.2556	263	-0.0404	353	0.1086
213	-0.7314	264	-0.1364	354	0.1066
214	-0.6614	265	0.1526	355	0.1056
215	-0.5474	266	0.2626		
216	-0.4234	267	-0.0914		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 645
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 39.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.100
TUNNEL DYNAMIC PRESSURE(PSF) = 744.
TUNNEL STAGNATION PRESSURE(PSF) = 1876.
TUNNEL STATIC PRESSURE(PSF) = 879.
REYNOLDS NUMBER PER FOOT = 3.9860E 06
MODEL ANGLE OF ATTACK(DEG) = -6.03
FIN ANGLE(DEG) = 1.10
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 549.

SCANIVALUE	CP(REF)
147	0.9205
247	0.9185
347	0.9195
447	0.9205
547	0.9195
647	0.9185
747	0.9185

ORF	CP	ORF	CP	ORF	CP
1	0.3625	52	0.1675	102	-0.3125
2	0.2355	53	-0.0755	103	-0.6805
3	0.2285	54	-0.1665	104	-0.6375
4	0.2565	55	0.5055	105	-0.5265
5	0.2695	56	0.4485	110	-0.1735
6	0.2705	57	0.4155	111	-0.2045
7	0.2815	58	0.3845	112	-0.1465
8	0.2765	59	0.3525	113	-0.1545
9	0.2815	60	0.3205	114	0.1045
10	0.2705	61	0.2745	115	0.1085
11	0.2565	62	0.2215	116	0.1115
12	0.2355	63	0.1425	117	0.1085
13	0.1895	64	-0.2505	118	0.1085
14	0.0345	65	-0.2055	119	0.1095
15	-0.0625	66	0.5045	120	-0.0455
16	0.3335	67	0.4425	121	0.0955
17	0.3085	68	0.3945	122	0.1035
18	0.2945	69	0.3505	123	0.1055
19	0.3045	70	0.3085	124	-0.0575
20	0.2945	71	0.2695	125	-0.0835
21	0.2955	72	0.2055	126	-0.0275
22	0.3025	73	0.0975	127	-0.0575
23	0.2855	74	-0.2355	128	-0.2345
24	0.2755	75	0.4925	129	-0.1725
25	0.2595	76	0.4145	135	-0.0645
26	0.2315	77	0.3535	136	-0.0665
27	0.1785	78	0.2945	137	-0.0665
28	0.0365	79	0.2295	138	0.0165
29	-0.0945	80	0.1495	139	0.0205
30	0.4075	81	-0.0035	140	0.0285
32	0.3645	82	-0.2785	141	0.1275
33	0.3505	83	0.4285	142	0.1305
34	0.3385	84	0.3755	143	0.1325
35	0.3265	85	0.2875	145	-0.0645
36	0.3095	86	0.1935	147	0.1255
37	0.2945	87	0.1035	151	0.1495
38	0.2715	88	-0.0085	152	-0.1135
39	0.2375	89	-0.3125	153	-0.2095
40	0.1825	90	0.3645	154	-0.3745
41	0.0595	91	0.1845	155	0.2105
42	-0.1195	92	0.0915	156	0.2245
43	0.4795	93	0.0205	157	0.0415
44	0.4335	94	-0.0705	158	0.5545
45	0.4075	95	-0.3765	159	0.3575
46	0.3845	96	-0.3145	160	0.3335
47	0.3625	97	-0.2845	161	0.2205
48	0.3385	98	-0.4505	162	0.5125
49	0.3115	99	-0.4215	163	0.3945
50	0.2775	100	-0.4455	164	0.0235
51	0.2325	101	-0.3725	165	0.1325

ORF	CP	ORF	CP	ORF	CP
166	0.4635	217	-0.1775	268	-0.1985
167	0.3835	218	0.0135	269	0.1135
168	0.3085	219	0.1475	270	0.1985
169	0.1505	220	0.1495	271	-0.3045
170	0.4525	221	-0.0835	272	-0.2625
171	0.2635	222	-0.0635	273	0.0965
172	0.0425	223	0.3515	274	0.0775
173	0.2375	224	0.3845	275	0.3685
174	0.1015	225	0.4385	276	0.4605
175	-0.1115	226	0.3265	277	0.3835
176	-0.3595	227	-0.8395	278	-0.0365
177	-0.0905	228	-0.8065	279	0.0995
178	-0.2175	229	-0.7305	280	0.1795
179	-0.1515	230	-0.5275	281	0.2445
180	-0.3325	231	-0.1115	282	0.2675
181	0.4075	232	0.0615	283	0.2625
182	0.5785	233	0.1625	284	0.2755
183	0.5075	234	0.1685	285	0.2055
184	0.6865	235	-0.0185	286	-0.3555
185	0.7625	236	0.0665	287	-0.1465
186	0.8455	237	0.2935	288	0.0815
187	0.9585	238	0.2815	289	0.0595
188	1.0785	239	0.5135	290	0.2225
189	1.1185	240	0.4275	291	-0.2915
190	0.2495	241	-0.7695	292	0.0035
191	-0.3105	242	-0.6655	325	0.1035
192	-0.3435	244	-0.3255	326	0.1045
193	-0.3445	245	-0.0265	327	0.1025
194	-0.3305	246	0.1065	328	0.1035
195	-0.3315	247	0.2015	329	0.1035
196	-0.3365	248	0.2035	330	0.1055
197	-0.3265	249	0.0255	331	0.1065
198	-0.3255	250	0.0155	332	0.1035
199	-0.3265	251	0.1385	333	0.1045
200	-0.3215	252	0.1655	334	0.1055
201	-0.3135	253	0.4605	335	0.1055
202	-0.3125	254	0.3455	336	0.1045
203	-0.3135	255	-0.4035	337	0.1035
204	-0.3125	256	-0.3355	338	0.1035
205	0.3305	257	-0.2695	339	0.1025
206	0.3365	258	-0.0895	340	0.1035
207	0.3365	259	0.1155	341	0.1035
208	0.3655	260	0.2135	350	0.1075
210	0.5185	261	0.2545	351	0.1045
211	0.4005	262	0.2265	352	0.1065
212	0.2735	263	-0.0645	353	0.1055
213	-0.7205	264	-0.1125	354	0.1075
214	-0.6665	265	0.1235	355	0.1115
215	-0.5675	266	0.2045		
216	-0.3895	267	-0.1145		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 646
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 39.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.103
TUNNEL DYNAMIC PRESSURE(PSF) = 745.
TUNNEL STAGNATION PRESSURE(PSF) = 1876.
TUNNEL STATIC PRESSURE(PSF) = 875.
REYNOLDS NUMBER PER FOOT = 3.9880E 06
MODEL ANGLE OF ATTACK(DEG) = -3.98
FIN ANGLE(DEG) = 0.53
FREE°STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 549.

SCANIVALUE	CP(REF)
147	0.9235
247	0.9225
347	0.9225
447	0.9235
547	0.9245
647	0.9235
747	0.9245

ORF	CP	ORF	CP	ORF	CP
1	0.2395	52	0.1265	102	-0.2765
2	0.0455	53	-0.0905	103	-0.6495
3	0.0715	54	-0.2065	104	-0.6085
4	0.1265	55	0.4155	105	-0.4925
5	0.1545	56	0.3715	110	-0.1605
6	0.1775	57	0.3555	111	-0.1865
7	0.1905	58	0.3335	112	-0.1325
8	0.1965	59	0.3055	113	-0.1465
9	0.2085	60	0.2765	114	0.1145
10	0.1975	61	0.2365	115	0.1135
11	0.1965	62	0.1905	116	0.1135
12	0.1735	63	0.1235	117	0.1125
13	0.1385	64	-0.2595	118	0.1105
14	-0.0025	65	-0.2375	119	0.1125
15	-0.0955	66	0.4465	120	0.0115
16	0.1895	67	0.3895	121	0.1025
17	0.1735	68	0.3445	122	0.1095
18	0.1815	69	0.3045	123	0.1095
19	0.2005	70	0.2705	124	-0.0515
20	0.2095	71	0.2345	125	-0.0665
21	0.2175	72	0.1835	126	-0.0185
22	0.2115	73	0.0885	127	-0.0445
23	0.2155	74	-0.2625	128	-0.2005
24	0.2085	75	0.4435	129	-0.1575
25	0.1985	76	0.3735	135	-0.0505
26	0.1755	77	0.3195	136	-0.0475
27	0.1275	78	0.2685	137	-0.0485
28	-0.0035	79	0.2115	138	0.0145
29	-0.1215	80	0.1355	139	0.0095
30	0.2595	81	-0.0035	140	0.0375
32	0.2495	82	-0.2955	141	0.1305
33	0.2615	83	0.3825	142	0.1285
34	0.2505	84	0.3335	143	0.1305
35	0.2415	85	0.2505	145	-0.0485
36	0.2425	86	0.1635	147	0.1365
37	0.2305	87	0.0845	151	0.0975
38	0.2085	88	-0.0175	152	-0.1315
39	0.1855	89	-0.3315	153	-0.2505
40	0.1335	90	0.3175	154	-0.3655
41	0.0205	91	0.1515	155	0.2515
42	-0.1475	92	0.0855	156	0.1815
43	0.3575	93	0.0225	157	0.0025
44	0.3325	94	-0.0505	158	0.5305
45	0.3205	95	-0.3645	159	0.3255
46	0.3085	96	-0.4555	160	0.2975
47	0.2875	97	-0.2835	161	0.1855
48	0.2735	98	0.0305	162	0.4875
49	0.2525	99	-0.1225	163	0.3725
50	0.2245	100	-0.1285	164	0.0255
51	0.1885	101	-0.3375	165	0.1045

ORF	CP	ORF	CP	ORF	CP
166	0.4845	217	-0.2365	268	-0.1445
167	0.3725	218	0.0025	269	0.0825
168	0.2975	219	0.1715	270	0.1595
169	0.1435	220	0.1605	271	-0.2785
170	0.3345	221	-0.0925	272	-0.2105
171	0.3015	222	-0.0755	273	0.0875
172	0.0725	223	0.3335	274	0.0725
173	0.2325	224	0.3895	275	0.4675
174	0.0975	225	0.5125	276	0.3855
175	-0.0775	226	0.3765	277	0.2835
176	-0.3655	227	-0.8655	278	-0.2225
177	-0.1375	228	-0.8115	279	-0.2285
178	-0.2495	229	-0.7495	280	-0.0825
179	-0.1405	230	-0.6265	281	0.0845
180	-0.3275	231	-0.1225	282	0.1725
181	0.3505	232	0.0805	283	0.1915
182	0.5135	233	0.1895	284	0.2085
183	0.6025	234	0.1865	285	0.1555
184	0.7755	235	-0.0365	286	-0.3215
185	0.8655	236	0.0445	287	-0.1135
186	0.9325	237	0.3055	288	0.0985
187	1.0275	238	0.2825	289	0.0795
188	1.1045	239	0.4915	290	0.1535
189	1.1585	240	0.3775	291	-0.3215
190	0.2965	241	-0.7365	292	0.0615
191	-0.3115	242	-0.5995	325	0.1045
192	-0.3735	244	-0.2665	326	0.1085
193	-0.3715	245	-0.0535	327	0.1075
194	-0.3575	246	0.0855	328	0.1065
195	-0.3295	247	0.1865	329	0.1055
196	-0.3295	248	0.1865	330	0.1055
197	-0.3265	249	0.0115	331	0.1095
198	-0.3225	250	0.0145	332	0.1085
199	-0.3215	251	0.1335	333	0.1075
200	-0.3185	252	0.1505	334	0.1065
201	-0.3065	253	0.4075	335	0.1055
202	-0.3095	254	0.2845	336	0.1085
203	-0.3045	255	-0.3395	337	0.1055
204	-0.3025	256	-0.3235	338	0.1085
205	0.3685	257	-0.2715	339	0.1065
206	0.3935	258	-0.1295	340	0.1055
207	0.3895	259	0.0605	341	0.1045
208	0.3875	260	0.1355	350	0.1095
210	0.5535	261	0.1815	351	0.1105
211	0.4745	262	0.1715	352	0.1105
212	0.3275	263	-0.0725	353	0.1085
213	-0.7195	264	-0.0715	354	0.1115
214	-0.6875	265	0.0875	355	0.1085
215	-0.6025	266	0.1515		
216	-0.4095	267	-0.1155		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 647
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 39.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.101
TUNNEL DYNAMIC PRESSURE(PSF) = 745.
TUNNEL STAGNATION PRESSURE(PSF) = 1876.
TUNNEL STATIC PRESSURE(PSF) = 878.
REYNOLDS NUMBER PER FOOT = 3.9910E 06
MODEL ANGLE OF ATTACK(DEG) = -1.89
FIN ANGLE(DEG) = 0.31
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 549.

SCANIVALUE	CP(REF)
147	0.9215
247	0.9205
347	0.9215
447	0.9215
547	0.9185
647	0.9185
747	0.9175

ORF	CP	ORF	CP	ORF	CP
1	0.1825	52	0.0975	102	-0.2865
2	-0.0795	53	-0.1135	103	-0.6395
3	-0.0935	54	-0.2625	104	-0.6145
4	0.0205	55	0.3575	105	-0.4825
5	0.1025	56	0.3165	110	-0.1565
6	0.1315	57	0.2935	111	-0.1795
7	0.1565	58	0.2715	112	-0.1295
8	0.1675	59	0.2505	113	-0.1485
9	0.1685	60	0.2245	114	0.1135
10	0.1605	61	0.1935	115	0.1135
11	0.1555	62	0.1535	116	0.1125
12	0.1355	63	0.0965	117	0.1145
13	0.1025	64	-0.2775	118	0.1145
14	-0.0325	65	-0.2735	119	0.1125
15	-0.1275	66	0.3635	120	-0.0035
16	0.0655	67	0.3115	121	0.1045
17	0.0865	68	0.2805	122	0.1135
18	0.1015	69	0.2505	123	0.1145
19	0.1365	70	0.2215	124	-0.0575
20	0.1535	71	0.1885	125	-0.0745
21	0.1735	72	0.1445	126	-0.0285
22	0.1775	73	0.0645	127	-0.0545
23	0.1795	74	-0.2945	128	-0.1865
24	0.1735	75	0.3575	129	-0.1585
25	0.1555	76	0.3105	135	-0.0425
26	0.1325	77	0.2685	136	-0.0465
27	0.0885	78	0.2265	137	-0.0495
28	-0.0355	79	0.1685	138	0.0215
29	-0.1535	80	0.1045	139	0.0235
30	0.1525	81	-0.0085	140	0.0365
32	0.1955	82	-0.3035	141	0.1275
33	0.2075	83	0.3065	142	0.1265
34	0.2075	84	0.2675	143	0.1305
35	0.2075	85	0.1895	145	-0.0435
36	0.1945	86	0.1225	147	0.1265
37	0.1865	87	0.0795	151	0.0705
38	0.1715	88	-0.0045	152	-0.1535
39	0.1425	89	-0.3235	153	-0.2805
40	0.0945	90	0.2355	154	-0.3775
41	-0.0065	91	0.1195	155	0.2605
42	-0.1895	92	0.0965	156	0.1685
43	0.2885	93	0.0605	157	-0.0085
44	0.2565	94	-0.0075	158	0.5385
45	0.2585	95	-0.3295	159	0.3235
46	0.2605	96	-0.4315	160	0.3005
47	0.2475	97	-0.2735	161	0.1795
48	0.2295	98	0.1875	162	0.4825
49	0.2095	99	0.1475	163	0.3715
50	0.1855	100	-0.0325	164	0.0325
51	0.1505	101	-0.3495	165	0.1005

ORF	CP	ORF	CP	ORF	CP
166	0.4965	217	-0.0475	268	-0.1625
167	0.3745	218	0.0805	269	0.0665
168	0.3105	219	0.1685	270	0.1545
169	0.1605	220	0.1485	271	-0.3055
170	0.4145	221	-0.1125	272	-0.2475
171	0.2785	222	-0.1145	273	0.0975
172	0.0505	223	0.3155	274	0.0915
173	0.1815	224	0.3875	275	0.4835
174	0.0625	225	0.4535	276	0.3775
175	-0.1635	226	0.3155	277	0.2665
176	-0.3895	227	-0.7635	278	-0.3615
177	-0.1655	228	-0.7585	279	-0.3455
178	-0.2935	229	-0.5695	280	-0.2945
179	-0.1875	230	-0.3245	281	-0.1445
180	-0.3245	231	-0.0285	282	0.0875
181	0.3605	232	0.1075	283	0.1445
182	0.5395	233	0.1615	284	0.1745
183	0.5355	234	0.1585	285	0.1205
184	0.7155	235	-0.0415	286	-0.3335
185	0.7865	236	0.0245	287	-0.1625
186	0.8995	237	0.2725	288	0.1285
187	0.9825	238	0.2385	289	0.1145
188	1.0785	239	0.4165	290	0.1245
189	1.1245	240	0.3185	291	-0.2885
190	0.3805	241	-0.5325	292	0.1365
191	-0.3155	242	-0.4595	325	0.1125
192	-0.3595	244	-0.2405	326	0.1115
193	-0.3575	245	-0.0105	327	0.1125
194	-0.3515	246	0.0945	328	0.1105
195	-0.3315	247	0.1475	329	0.1115
196	-0.3345	248	0.1435	330	0.1115
197	-0.3305	249	0.0025	331	0.1125
198	-0.3275	250	-0.0015	332	0.1125
199	-0.3265	251	0.0755	333	0.1115
200	-0.3235	252	0.0895	334	0.1125
201	-0.3105	253	0.3545	335	0.1125
202	-0.3115	254	0.2245	336	0.1085
203	-0.3095	255	-0.2805	337	0.1125
204	-0.3065	256	-0.3075	338	0.1105
205	0.3635	257	-0.3195	339	0.1135
206	0.4085	258	-0.1695	340	0.1095
207	0.3925	259	0.0365	341	0.1135
208	0.3825	260	0.1195	350	0.1145
210	0.5175	261	0.1415	351	0.1135
211	0.4795	262	0.1355	352	0.1145
212	0.3595	263	-0.0875	353	0.1125
213	-0.7045	264	-0.0865	354	0.1145
214	-0.6795	265	0.0615	355	0.1135
215	-0.6005	266	0.1325		
216	-0.4075	267	-0.1325		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 648
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 39.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.099
TUNNEL DYNAMIC PRESSURE(PSF) = 744.
TUNNEL STAGNATION PRESSURE(PSF) = 1876.
TUNNEL STATIC PRESSURE(PSF) = 880.
REYNOLDS NUMBER PER FOOT = 3.9930E 06
MODEL ANGLE OF ATTACK(DEG) = 0.10
FIN ANGLE(DEG) = 0.20
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 548.

SCANIVALUE	CP(REF)
147	0.9192
247	0.9172
347	0.9182
447	0.9182
547	0.9122
647	0.9132
747	0.9132

ORF	CP	ORF	CP	ORF	CP
1	0.2372	52	0.0832	102	-0.3228
2	-0.1518	53	-0.1248	103	-0.6388
3	-0.2418	54	-0.2928	104	-0.6168
4	-0.1018	55	0.2612	105	-0.5008
5	-0.0108	56	0.2392	110	-0.1528
6	0.0642	57	0.2282	111	-0.1748
7	0.1182	58	0.2132	112	-0.1258
8	0.1462	59	0.1962	113	-0.1468
9	0.1462	60	0.1782	114	0.1122
10	0.1492	61	0.1552	115	0.1162
11	0.1472	62	0.1222	116	0.1142
12	0.1392	63	0.0672	117	0.1132
13	0.0962	64	-0.2898	118	0.1122
14	-0.0368	65	-0.2938	119	0.1132
15	-0.1498	66	0.2552	120	-0.0698
16	-0.0438	67	0.2422	121	0.0992
17	-0.1108	68	0.2242	122	0.1092
18	0.0282	69	0.2022	123	0.1102
19	0.0942	70	0.1742	124	-0.0798
20	0.1272	71	0.1462	125	-0.0948
21	0.1392	72	0.1042	126	-0.0488
22	0.1492	73	0.0262	127	-0.0758
23	0.1602	74	-0.3058	128	-0.2068
24	0.1592	75	0.2572	129	-0.1688
25	0.1562	76	0.2292	135	-0.0528
26	0.1322	77	0.1992	136	-0.0478
27	0.0972	78	0.1622	137	-0.0468
28	-0.0318	79	0.1152	138	0.0112
29	-0.1868	80	0.0772	139	0.0242
30	-0.0308	81	-0.0388	140	0.0342
32	0.1622	82	-0.3168	141	0.1262
33	0.1672	83	0.2222	142	0.1242
34	0.1722	84	0.1972	143	0.1252
35	0.1752	85	0.1422	145	-0.0488
36	0.1722	86	0.1162	147	0.1232
37	0.1722	87	0.0712	151	0.0842
38	0.1642	88	-0.0078	152	-0.1628
39	0.1382	89	-0.3248	153	-0.2698
40	0.1002	90	0.1492	154	-0.3958
41	-0.0048	91	0.1382	155	0.2322
42	-0.2468	92	0.1002	156	0.1732
43	0.2282	93	0.0642	157	-0.0198
44	0.2152	94	0.0042	158	0.4902
45	0.2122	95	-0.3248	159	0.3112
46	0.2062	96	-0.2608	160	0.2752
47	0.1992	97	-0.2698	161	0.1502
48	0.1912	98	0.2342	162	0.4392
49	0.1792	99	0.2092	163	0.3532
50	0.1622	100	-0.0258	164	0.0172
51	0.1302	101	-0.3848	165	0.0712

ORF	CP	ORF	CP	ORF	CP
166	0.5242	217	-0.0348	268	-0.2198
167	0.3422	218	0.0832	269	0.0912
168	0.2952	219	0.1522	270	0.1912
169	0.1652	220	0.1322	271	-0.3418
170	0.4172	221	-0.1328	272	-0.3058
171	0.2222	222	-0.1308	273	0.1232
172	0.0132	223	0.2952	274	0.1232
173	0.1192	224	0.3582	275	0.4842
174	0.0052	225	0.3862	276	0.4442
175	-0.2548	226	0.2462	277	0.3162
176	-0.3918	227	-0.3998	278	-0.5328
177	-0.1448	228	-0.3738	279	-0.4908
178	-0.2668	229	-0.3328	280	-0.4088
179	-0.1888	230	-0.2178	281	-0.2638
180	-0.3308	231	-0.0148	282	-0.0458
181	0.3312	232	0.0732	283	0.0792
182	0.5072	233	0.1432	284	0.1532
183	0.5492	234	0.1312	285	0.1122
184	0.7042	235	-0.0338	286	-0.3638
185	0.7802	236	0.0082	287	-0.1918
186	0.8602	237	0.2302	288	0.1442
187	0.9312	238	0.1862	289	0.1372
188	0.9942	239	0.3602	290	0.1552
189	1.0392	240	0.2572	291	-0.3438
190	0.4132	241	-0.3228	292	0.1302
191	-0.3268	242	-0.3138	325	0.1162
192	-0.3498	244	-0.1268	326	0.1132
193	-0.3608	245	0.0402	327	0.1132
194	-0.3288	246	0.0832	328	0.1132
195	-0.3368	247	0.1262	329	0.1142
196	-0.3428	248	0.1212	330	0.1172
197	-0.3318	249	-0.0058	331	0.1142
198	-0.3308	250	-0.0098	332	0.1132
199	-0.3308	251	0.0422	333	0.1132
200	-0.3258	252	0.0632	334	0.1132
201	-0.3168	253	0.3712	335	0.1162
202	-0.3158	254	0.2412	336	0.1152
203	-0.3158	255	-0.4048	337	0.1162
204	-0.3148	256	-0.3658	338	0.1122
205	0.3802	257	-0.3458	339	0.1132
206	0.4022	258	-0.2468	340	0.1122
207	0.3992	259	-0.0368	341	0.1152
208	0.3992	260	0.0742	350	0.1122
210	0.4722	261	0.1412	351	0.1112
211	0.4412	262	0.1382	352	0.1122
212	0.3192	263	-0.1088	353	0.1092
213	-0.5008	264	-0.1158	354	0.1102
214	-0.4278	265	0.0782	355	0.1132
215	-0.3698	266	0.1622		
216	-0.2298	267	-0.1578		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 649
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 39.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.104
TUNNEL DYNAMIC PRESSURE(PSF) = 746.
TUNNEL STAGNATION PRESSURE(PSF) = 1876.
TUNNEL STATIC PRESSURE(PSF) = 874.
REYNOLDS NUMBER PER FOOT = 3.9930E 06
MODEL ANGLE OF ATTACK(DEG) = 2.10
FIN ANGLE(DEG) = 0.32
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 548.

SCANIVALUE	CP(REF)
147	0.9244
247	0.9234
347	0.9244
447	0.9244
547	0.9234
647	0.9234
747	0.9244

ORF	CP	ORF	CP	ORF	CP
1	0.2274	52	0.0594	102	-0.2956
2	-0.1936	53	-0.1506	103	-0.6386
3	-0.4806	54	-0.2936	104	-0.6096
4	-0.3246	55	-0.0636	105	-0.4856
5	-0.0966	56	0.1494	110	-0.1376
6	0.0324	57	0.2114	111	-0.1526
7	0.0974	58	0.1884	112	-0.1086
8	0.1314	59	0.1694	113	-0.1236
9	0.1494	60	0.1524	114	0.1154
10	0.1544	61	0.1284	115	0.1174
11	0.1454	62	0.0954	116	0.1174
12	0.1374	63	0.0424	117	0.1184
13	0.1084	64	-0.3046	118	0.1194
14	-0.0376	65	-0.3036	119	0.1174
15	-0.1606	66	-0.0196	120	-0.0426
16	-0.0856	67	0.1264	121	0.1054
17	-0.2776	68	0.1594	122	0.1174
18	-0.3176	69	0.1524	123	0.1204
19	-0.0736	70	0.1334	124	-0.0736
20	0.0794	71	0.1084	125	-0.0966
21	0.1454	72	0.0714	126	-0.0506
22	0.1664	73	-0.0056	127	-0.0716
23	0.1594	74	-0.3036	128	-0.1916
24	0.1544	75	-0.0366	129	-0.1636
25	0.1444	76	0.1184	135	-0.0396
26	0.1244	77	0.1334	136	-0.0396
27	0.0784	78	0.1174	137	-0.0396
28	-0.0536	79	0.0814	138	0.0384
29	-0.1936	80	0.0504	139	0.0264
30	-0.1716	81	-0.0566	140	0.0174
32	-0.1136	82	-0.2986	141	0.1394
33	0.1404	83	-0.0296	142	0.1344
34	0.1754	84	0.0804	143	0.1354
35	0.1754	85	0.0944	145	-0.0406
36	0.1664	86	0.0904	147	0.1374
37	0.1624	87	0.0644	151	0.1114
38	0.1454	88	-0.0186	152	-0.1446
39	0.1264	89	-0.3086	153	-0.2426
40	0.0754	90	-0.0996	154	-0.3616
41	-0.0376	91	0.0784	155	0.1894
42	-0.2286	92	0.0934	156	0.1544
43	-0.1386	93	0.0614	157	-0.0256
44	0.1814	94	-0.0066	158	0.4124
45	0.2054	95	-0.2986	159	0.2764
46	0.1994	96	-0.0526	160	0.2084
47	0.1804	97	-0.2286	161	0.0914
48	0.1684	98	0.2984	162	0.3784
49	0.1574	99	0.2694	163	0.2774
50	0.1394	100	-0.0476	164	0.0434
51	0.1054	101	-0.3576	165	0.0194

ORF	CP	ORF	CP	ORF	CP
166	0.4834	217	0.0474	268	-0.2186
167	0.2654	218	0.1254	269	0.1364
168	0.2234	219	0.1484	270	0.2084
169	0.1014	220	0.1224	271	-0.3276
170	0.3754	221	-0.1256	272	-0.2276
171	0.1524	222	-0.1026	273	0.1454
172	-0.0436	223	0.2834	274	0.1184
173	0.0974	224	0.3314	275	0.4994
174	0.0064	225	0.3344	276	0.4454
175	-0.2346	226	0.1954	277	0.3084
176	-0.3366	227	-0.2976	278	-0.7826
177	-0.1166	228	-0.2986	279	-0.7356
178	-0.2106	229	-0.2676	280	-0.6366
179	-0.1486	230	-0.1946	281	-0.4336
180	-0.3146	231	0.0214	282	-0.1996
181	0.2954	232	0.1044	283	0.0454
182	0.4764	233	0.1334	284	0.1534
183	0.5274	234	0.1124	285	0.1144
184	0.6404	235	-0.0226	286	-0.3436
185	0.6684	236	0.0294	287	-0.1516
186	0.6434	237	0.2144	288	0.1174
187	0.6544	238	0.1534	289	0.1044
188	0.6894	239	0.3954	290	0.2054
189	0.7234	240	0.2984	291	-0.6126
190	0.4554	241	-0.6136	292	0.1484
191	-0.3126	242	-0.5146	325	0.1124
192	-0.3216	244	-0.2686	326	0.1144
193	-0.3266	245	-0.0426	327	0.1154
194	-0.3176	246	0.0614	328	0.1154
195	-0.3226	247	0.1404	329	0.1154
196	-0.3306	248	0.1374	330	0.1184
197	-0.3156	249	-0.0006	331	0.1144
198	-0.3126	250	-0.0006	332	0.1144
199	-0.3186	251	0.0804	333	0.1154
200	-0.3106	252	0.1224	334	0.1154
201	-0.3006	253	0.4664	335	0.1184
202	-0.3016	254	0.3354	336	0.1144
203	-0.2986	255	-0.8626	337	0.1124
204	-0.2946	256	-0.7946	338	0.1134
205	0.4034	257	-0.7336	339	0.1154
206	0.4274	258	-0.5826	340	0.1144
207	0.4274	259	-0.0806	341	0.1154
208	0.4434	260	0.0884	350	0.1184
210	0.4584	261	0.1574	351	0.1164
211	0.3774	262	0.1614	352	0.1164
212	0.2624	263	-0.1306	353	0.1164
213	-0.4076	264	-0.1236	354	0.1174
214	-0.3446	265	0.1264	355	0.1144
215	-0.2926	266	0.1984		
216	-0.1736	267	-0.1756		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 650
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 39.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.099
TUNNEL DYNAMIC PRESSURE(PSF) = 743.
TUNNEL STAGNATION PRESSURE(PSF) = 1876.
TUNNEL STATIC PRESSURE(PSF) = 880.
REYNOLDS NUMBER PER FOOT = 3.9970E 06
MODEL ANGLE OF ATTACK(DEG) = 3.99
FIN ANGLE(DEG) = 0.46
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 548.

SCANIVALUE	CP(REF)
147	0.9186
247	0.9166
347	0.9176
447	0.9186
547	0.9146
647	0.9146
747	0.9136

ORF	CP	ORF	CP	ORF	CP
1	0.1406	52	0.0046	102	-0.3044
2	-0.2604	53	-0.1964	103	-0.6684
3	-0.4594	54	-0.3174	104	-0.6264
4	-0.2774	55	-0.5244	105	-0.5204
5	-0.1824	56	-0.3354	110	-0.1474
6	-0.0524	57	-0.0774	111	-0.1604
7	-0.0214	58	0.1616	112	-0.1254
8	0.0156	59	0.1726	113	-0.1354
9	0.0616	60	0.1226	114	0.1066
10	0.0796	61	0.0856	115	0.1046
11	0.0836	62	0.0496	116	0.1056
12	0.0756	63	-0.0084	117	0.1056
13	0.0476	64	-0.3404	118	0.1066
14	-0.0874	65	-0.3284	119	0.1026
15	-0.1974	66	-0.3134	120	0.0076
16	-0.1924	67	-0.3154	121	0.0986
17	-0.3304	68	-0.2384	122	0.1036
18	-0.2974	69	-0.0904	123	0.1026
19	-0.2084	70	0.0396	124	-0.0904
20	-0.0824	71	0.1036	125	-0.1134
21	0.0126	72	0.0686	126	-0.0884
22	0.0536	73	-0.0064	127	-0.1054
23	0.0716	74	-0.3224	128	-0.2014
24	0.0886	75	-0.2854	129	-0.1814
25	0.0806	76	-0.2544	135	-0.0614
26	0.0686	77	-0.2094	136	-0.0574
27	0.0246	78	-0.1344	137	-0.0544
28	-0.1064	79	-0.1084	138	0.0436
29	-0.2304	80	-0.0964	139	0.0336
30	-0.2934	81	-0.1614	140	0.0226
32	-0.1824	82	-0.2774	141	0.1296
33	-0.0644	83	-0.2424	142	0.1276
34	0.0146	84	-0.2964	143	0.1226
35	0.0806	85	-0.2464	145	-0.0554
36	0.1066	86	-0.1614	147	0.1246
37	0.1076	87	-0.0814	151	0.1036
38	0.0906	88	-0.0954	152	-0.1684
39	0.0626	89	-0.2784	153	-0.2664
40	0.0086	90	-0.3194	154	-0.3494
41	-0.0944	91	-0.3014	155	0.0406
42	-0.2604	92	-0.2364	156	0.1236
43	-0.4784	93	-0.1814	157	-0.0474
44	-0.2834	94	-0.1654	158	0.3036
45	-0.0814	95	-0.2794	159	0.2026
46	0.1176	96	0.0706	160	0.1196
47	0.1486	97	-0.2144	161	0.0006
48	0.1286	98	0.3396	162	0.2856
49	0.1206	99	0.3176	163	0.1926
50	0.0946	100	-0.1014	164	0.0296
51	0.0526	101	-0.3644	165	-0.0454

ORF	CP	ORF	CP	ORF	CP
166	0.3956	217	0.0586	268	-0.1914
167	0.2176	218	0.1176	269	0.0836
168	0.1826	219	0.1306	270	0.1396
169	0.0616	220	0.0996	271	-0.3354
170	0.3116	221	-0.1474	272	-0.1744
171	0.1406	222	-0.0914	273	0.1026
172	-0.0454	223	0.2136	274	0.0776
173	0.1016	224	0.2626	275	0.4716
174	-0.0064	225	0.3186	276	0.3566
175	-0.2034	226	0.1926	277	0.2116
176	-0.3404	227	-0.3354	278	-0.8204
177	-0.1204	228	-0.3374	279	-0.7564
178	-0.1924	229	-0.2984	280	-0.6504
179	-0.1624	230	-0.2024	281	-0.4164
180	-0.3164	231	-0.0224	282	-0.1934
181	0.2806	232	0.0586	283	-0.0614
182	0.4376	233	0.1096	284	0.0606
183	0.4316	234	0.0996	285	0.0626
184	0.5246	235	-0.0444	286	-0.3464
185	0.5336	236	0.0106	287	-0.1264
186	0.5516	237	0.1756	288	0.0846
187	0.6006	238	0.1386	289	0.0816
188	0.6826	239	0.4476	290	0.1436
189	0.7596	240	0.3486	291	-0.7284
190	0.4406	241	-0.8664	292	0.1696
191	-0.3214	242	-0.7644	325	0.1076
192	-0.3304	244	-0.4954	326	0.1066
193	-0.3354	245	-0.1284	327	0.1056
194	-0.3444	246	0.0286	328	0.1066
195	-0.3314	247	0.1126	329	0.1046
196	-0.3424	248	0.1206	330	0.1036
197	-0.3274	249	-0.0424	331	0.1066
198	-0.3184	250	-0.0294	332	0.1066
199	-0.3234	251	0.0756	333	0.1076
200	-0.3194	252	0.1166	334	0.1056
201	-0.3084	253	0.4206	335	0.1036
202	-0.3054	254	0.2716	336	0.1066
203	-0.3074	255	-0.8924	337	0.1086
204	-0.3074	256	-0.8254	338	0.1066
205	0.3936	257	-0.7584	339	0.1046
206	0.4296	258	-0.6104	340	0.1066
207	0.4306	259	-0.1594	341	0.1056
208	0.4366	260	-0.0084	350	0.1026
210	0.4436	261	0.0876	351	0.1046
211	0.2966	262	0.0976	352	0.1066
212	0.1946	263	-0.1614	353	0.1066
213	-0.3924	264	-0.1414	354	0.1046
214	-0.3354	265	0.0846	355	0.1066
215	-0.2774	266	0.1326		
216	-0.0974	267	-0.2114		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 651
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 39.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.099
TUNNEL DYNAMIC PRESSURE(PSF) = 744.
TUNNEL STAGNATION PRESSURE(PSF) = 1876.
TUNNEL STATIC PRESSURE(PSF) = 879.
REYNOLDS NUMBER PER FOOT = 3.9980E 06
MODEL ANGLE OF ATTACK(DEG) = 5.98
FIN ANGLE(DEG) = 0.57
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 548.

SCANIVALUE	CP(REF)
147	0.9205
247	0.9195
347	0.9195
447	0.9205
547	0.9205
647	0.9205
747	0.9205

ORF	CP	ORF	CP	ORF	CP
1	-0.0355	52	-0.0225	102	-0.3115
2	-0.3335	53	-0.2185	103	-0.6765
3	-0.3985	54	-0.2985	104	-0.6325
4	-0.2855	55	-0.5725	105	-0.5265
5	-0.1835	56	-0.5725	110	-0.1375
6	-0.1145	57	-0.4825	111	-0.1505
7	-0.0725	58	-0.4155	112	-0.1215
8	-0.0395	59	-0.2795	113	-0.1295
9	-0.0045	60	-0.0565	114	0.1185
10	0.0085	61	0.0905	115	0.1135
11	0.0035	62	0.0665	116	0.1165
12	0.0245	63	0.0095	117	0.1195
13	-0.0015	64	-0.3195	118	0.1165
14	-0.1275	65	-0.3105	119	0.1165
15	-0.2295	66	-0.4925	120	0.0155
16	-0.3535	67	-0.5265	121	0.1075
17	-0.3485	68	-0.5175	122	0.1145
18	-0.3195	69	-0.4595	123	0.1185
19	-0.2555	70	-0.3805	124	-0.0905
20	-0.1685	71	-0.3035	125	-0.1125
21	-0.1035	72	-0.1375	126	-0.0865
22	-0.0535	73	-0.0665	127	-0.0985
23	-0.0325	74	-0.2685	128	-0.1895
24	0.0065	75	-0.4355	129	-0.1665
25	0.0165	76	-0.4415	135	-0.0615
26	0.0075	77	-0.4495	136	-0.0595
27	-0.0265	78	-0.4395	137	-0.0575
28	-0.1415	79	-0.4445	138	0.0475
29	-0.2515	80	-0.4275	139	0.0345
30	-0.5565	81	-0.4245	140	0.0375
32	-0.2655	82	-0.4545	141	0.1345
33	-0.1675	83	-0.3355	142	0.1335
34	-0.0865	84	-0.4335	143	0.1355
35	-0.0405	85	-0.4455	145	-0.0575
36	-0.0145	86	-0.4605	147	0.1345
37	0.0075	87	-0.4455	151	0.1135
38	0.0135	88	-0.4575	152	-0.1875
39	0.0015	89	-0.4885	153	-0.2875
40	-0.0345	90	-0.4025	154	-0.3445
41	-0.1405	91	-0.4065	155	-0.0165
42	-0.2705	92	-0.4125	156	0.0525
43	-0.6295	93	-0.4445	157	-0.0815
44	-0.5475	94	-0.4565	158	0.2435
45	-0.4175	95	-0.4745	159	0.1515
46	-0.2665	96	0.2255	160	0.0745
47	-0.0955	97	-0.1905	161	-0.0485
48	-0.0025	98	0.4055	162	0.2585
49	0.0335	99	0.3715	163	0.1595
50	0.0585	100	-0.1135	164	0.0435
51	0.0315	101	-0.3725	165	-0.0625

ORF	CP	ORF	CP	ORF	CP
166	0.3835	217	0.0365	268	-0.1895
167	0.2095	218	0.1025	269	0.0565
168	0.1875	219	0.1145	270	0.0985
169	0.0675	220	0.0885	271	-0.3385
170	0.2975	221	-0.1645	272	-0.1675
171	0.1375	222	-0.1075	273	0.0775
172	-0.0475	223	0.1865	274	0.0585
173	0.0795	224	0.2495	275	0.3855
174	-0.0265	225	0.3045	276	0.2725
175	-0.2255	226	0.1785	277	0.1345
176	-0.3465	227	-0.3335	278	-0.6675
177	-0.1445	228	-0.3345	279	-0.5775
178	-0.1965	229	-0.2955	280	-0.4485
179	-0.1825	230	-0.2305	281	-0.2945
180	-0.3105	231	-0.0465	282	-0.1415
181	0.2555	232	0.0575	283	-0.0595
182	0.4065	233	0.0925	284	0.0085
183	0.4245	234	0.0775	285	0.0065
184	0.5215	235	-0.0655	286	-0.3565
185	0.5485	236	-0.0155	287	-0.1485
186	0.5865	237	0.1605	288	0.0805
187	0.6465	238	0.1235	289	0.0935
188	0.7255	239	0.3815	290	0.0915
189	0.7955	240	0.2905	291	-0.7625
190	0.4645	241	-0.6515	292	0.2385
191	-0.3195	242	-0.4925	325	0.1105
192	-0.3205	244	-0.3085	326	0.1115
193	-0.3235	245	-0.0865	327	0.1135
194	-0.3195	246	0.0055	328	0.1135
195	-0.3345	247	0.0535	329	0.1105
196	-0.3415	248	0.0685	330	0.1115
197	-0.3155	249	-0.0645	331	0.1115
198	-0.3135	250	-0.0545	332	0.1145
199	-0.3105	251	0.0225	333	0.1145
200	-0.3195	252	0.0545	334	0.1105
201	-0.3055	253	0.3395	335	0.1125
202	-0.3005	254	0.2115	336	0.1155
203	-0.3025	255	-0.8415	337	0.1105
204	-0.3055	256	-0.7065	338	0.1115
205	0.3605	257	-0.5135	339	0.1145
206	0.3955	258	-0.3265	340	0.1135
207	0.3895	259	-0.0985	341	0.1115
208	0.4045	260	-0.0655	350	0.1145
210	0.4345	261	0.0115	351	0.1135
211	0.2725	262	0.0375	352	0.1125
212	0.1665	263	-0.1875	353	0.1145
213	-0.3855	264	-0.1435	354	0.1125
214	-0.3225	265	0.0365	355	0.1105
215	-0.2975	266	0.0865		
216	-0.1375	267	-0.2305		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 652
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 39.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.101
TUNNEL DYNAMIC PRESSURE(PSF) = 745.
TUNNEL STAGNATION PRESSURE(PSF) = 1876.
TUNNEL STATIC PRESSURE(PSF) = 877.
REYNOLDS NUMBER PER FOOT = 3.9980E 06
MODEL ANGLE OF ATTACK(DEG) = 7.95
FIN ANGLE(DEG) = 0.63
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 548.

SCANIVALUE	CP(REF)
147	0.9218
247	0.9208
347	0.9218
447	0.9228
547	0.9248
647	0.9248
747	0.9248

ORF	CP	ORF	CP	ORF	CP
1	-0.2182	52	-0.0752	102	-0.3692
2	-0.5112	53	-0.2412	103	-0.6972
3	-0.4912	54	-0.2972	104	-0.6532
4	-0.4312	55	-0.6362	105	-0.5352
5	-0.3372	56	-0.6612	110	-0.1292
6	-0.2252	57	-0.6442	111	-0.1412
7	-0.1292	58	-0.6242	112	-0.1192
8	-0.0622	59	-0.5772	113	-0.1352
9	-0.0262	60	-0.5212	114	0.1228
10	-0.0032	61	-0.4412	115	0.1258
11	0.0088	62	-0.2882	116	0.1248
12	0.0278	63	-0.1592	117	0.1238
13	0.0158	64	-0.3022	118	0.1258
14	-0.1202	65	-0.2982	119	0.1248
15	-0.2402	66	-0.6072	120	-0.0152
16	-0.5232	67	-0.5882	121	0.1158
17	-0.5232	68	-0.5922	122	0.1248
18	-0.4922	69	-0.5972	123	0.1288
19	-0.4122	70	-0.5892	124	-0.0912
20	-0.3752	71	-0.5932	125	-0.1092
21	-0.3122	72	-0.5872	126	-0.0842
22	-0.2102	73	-0.5812	127	-0.0902
23	-0.1362	74	-0.5672	128	-0.1702
24	-0.0602	75	-0.5662	129	-0.1432
25	-0.0372	76	-0.5802	135	-0.0682
26	-0.0042	77	-0.5942	136	-0.0622
27	-0.0062	78	-0.6102	137	-0.0572
28	-0.1072	79	-0.6222	138	0.0438
29	-0.2682	80	-0.6352	139	0.0418
30	-0.6862	81	-0.6332	140	0.0308
32	-0.5112	82	-0.5582	141	0.1428
33	-0.3882	83	-0.4742	142	0.1458
34	-0.2802	84	-0.6062	143	0.1498
35	-0.1952	85	-0.6182	145	-0.0632
36	-0.1382	86	-0.6302	147	0.1478
37	-0.1022	87	-0.6112	151	0.0808
38	-0.0732	88	-0.5732	152	-0.2032
39	-0.0662	89	-0.5172	153	-0.2862
40	-0.0752	90	-0.5652	154	-0.3062
41	-0.1662	91	-0.5542	155	-0.0492
42	-0.2962	92	-0.5352	156	0.0118
43	-0.7232	93	-0.5332	157	-0.1042
44	-0.7012	94	-0.5212	158	0.1998
45	-0.6452	95	-0.4722	159	0.1068
46	-0.5612	96	0.2968	160	0.0398
47	-0.4592	97	-0.1762	161	-0.0752
48	-0.3222	98	0.4718	162	0.2328
49	-0.1872	99	0.4108	163	0.1308
50	-0.0852	100	-0.1202	164	0.0278
51	-0.0452	101	-0.4202	165	-0.0782

ORF	CP	ORF	CP	ORF	CP
166	0.3748	217	0.0308	268	-0.2842
167	0.2088	218	0.0908	269	0.0728
168	0.1778	219	0.1008	270	0.1358
169	0.0758	220	0.0668	271	-0.3872
170	0.2938	221	-0.1922	272	-0.2582
171	0.1288	222	-0.1352	273	0.1018
172	-0.0782	223	0.1458	274	0.1088
173	0.0358	224	0.2218	275	0.3288
174	-0.0672	225	0.2808	276	0.1558
175	-0.2572	226	0.1658	277	0.0628
176	-0.3532	227	-0.3332	278	-0.7672
177	-0.1742	228	-0.3452	279	-0.6592
178	-0.2392	229	-0.2772	280	-0.5512
179	-0.2042	230	-0.2152	281	-0.4052
180	-0.3052	231	-0.0362	282	-0.2882
181	0.2238	232	0.0388	283	-0.1712
182	0.3668	233	0.0638	284	-0.0222
183	0.3738	234	0.0498	285	0.0148
184	0.4788	235	-0.0902	286	-0.4032
185	0.4748	236	-0.0472	287	-0.2662
186	0.5108	237	0.1328	288	0.1128
187	0.5508	238	0.0888	289	0.1628
188	0.6388	239	0.3018	290	0.1038
189	0.6638	240	0.2148	291	-0.6982
190	0.5358	241	-0.5532	292	0.2838
191	-0.3212	242	-0.4672	325	0.1208
192	-0.3212	244	-0.1662	326	0.1188
193	-0.3262	245	-0.0722	327	0.1198
194	-0.3232	246	-0.0232	328	0.1198
195	-0.3392	247	0.0208	329	0.1198
196	-0.3432	248	0.0368	330	0.1188
197	-0.3172	249	-0.0942	331	0.1198
198	-0.3182	250	-0.0902	332	0.1218
199	-0.3122	251	-0.0082	333	0.1198
200	-0.3212	252	0.0278	334	0.1198
201	-0.3052	253	0.3048	335	0.1198
202	-0.3012	254	0.1958	336	0.1178
203	-0.3042	255	-0.8132	337	0.1208
204	-0.3052	256	-0.7012	338	0.1188
205	0.3118	257	-0.5562	339	0.1208
206	0.3748	258	-0.3202	340	0.1198
207	0.3398	259	-0.1892	341	0.1198
208	0.3648	260	-0.1062	350	0.1248
210	0.4118	261	-0.0292	351	0.1218
211	0.2388	262	0.0278	352	0.1288
212	0.1488	263	-0.2262	353	0.1298
213	-0.3372	264	-0.2122	354	0.1258
214	-0.3002	265	0.0418	355	0.1248
215	-0.2752	266	0.1138		
216	-0.1482	267	-0.2672		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 653
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 39.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.098
TUNNEL DYNAMIC PRESSURE(PSF) = 743.
TUNNEL STAGNATION PRESSURE(PSF) = 1876.
TUNNEL STATIC PRESSURE(PSF) = 881.
REYNOLDS NUMBER PER FOOT = 3.9960E 06
MODEL ANGLE OF ATTACK(DEG) = 11.98
FIN ANGLE(DEG) = 0.66
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 548.

SCANIVALUE	CP(REF)
147	0.9163
247	0.9153
347	0.9163
447	0.9163
547	0.9073
647	0.9063
747	0.9063

ORF	CP	ORF	CP	ORF	CP
1	-0.4357	52	-0.4617	102	-0.4447
2	-0.6677	53	-0.4417	103	-0.8077
3	-0.6127	54	-0.4067	104	-0.7837
4	-0.6227	55	-0.9367	105	-0.5737
5	-0.6107	56	-0.9387	110	-0.1277
6	-0.5847	57	-0.9267	111	-0.1467
7	-0.5287	58	-0.8927	112	-0.1267
8	-0.4537	59	-0.8537	113	-0.1757
9	-0.3757	60	-0.8127	114	0.0913
10	-0.2877	61	-0.7787	115	0.0933
11	-0.1837	62	-0.7547	116	0.0913
12	-0.0857	63	-0.7437	117	0.0933
13	-0.0507	64	-0.7607	118	0.0963
14	-0.1517	65	-0.7897	119	0.0933
15	-0.2717	66	-0.8557	120	-0.0237
16	-0.7177	67	-0.8557	121	0.0863
17	-0.8077	68	-0.8747	122	0.0923
18	-0.8197	69	-0.8937	123	0.0923
19	-0.7877	70	-0.8897	124	-0.1327
20	-0.7587	71	-0.8727	125	-0.1647
21	-0.7247	72	-0.8637	126	-0.1257
22	-0.6897	73	-0.8407	127	-0.1447
23	-0.6297	74	-0.7227	128	-0.2167
24	-0.5177	75	-0.7667	129	-0.1677
25	-0.3747	76	-0.7617	135	-0.1367
26	-0.2107	77	-0.7497	136	-0.1317
27	-0.0967	78	-0.7307	137	-0.1307
28	-0.1337	79	-0.7047	138	0.0263
29	-0.2727	80	-0.6777	139	0.0113
30	-0.9027	81	-0.6507	140	0.0163
32	-0.8417	82	-0.6187	141	0.1293
33	-0.8037	83	-0.5747	142	0.1273
34	-0.7407	84	-0.6877	143	0.1163
35	-0.6787	85	-0.6637	145	-0.1307
36	-0.5957	86	-0.6357	147	0.1143
37	-0.5157	87	-0.6147	151	0.0143
38	-0.4137	88	-0.5947	152	-0.2227
39	-0.3407	89	-0.5707	153	-0.2857
40	-0.2927	90	-0.6337	154	-0.2537
41	-0.3167	91	-0.6127	155	-0.0777
42	-0.3767	92	-0.6007	156	-0.0727
43	-0.9497	93	-0.5807	157	-0.1677
44	-0.9517	94	-0.5617	158	0.1363
45	-0.9307	95	-0.5457	159	0.0013
46	-0.8957	96	0.3923	160	-0.0507
47	-0.8477	97	-0.1527	161	-0.1407
48	-0.7917	98	0.5453	162	0.1423
49	-0.7197	99	0.4583	163	0.0433
50	-0.6357	100	-0.0737	164	0.0073
51	-0.5457	101	-0.4647	165	-0.1377

ORF	CP	ORF	CP	ORF	CP
166	0.2483	217	0.0023	268	-0.3637
167	0.1123	218	0.0063	269	0.0423
168	0.0753	219	-0.0097	270	0.1083
169	-0.0147	220	-0.0407	271	-0.4517
170	0.1263	221	-0.2937	272	-0.2877
171	0.0393	222	-0.2437	273	0.0843
172	-0.1077	223	0.0403	274	0.0783
173	-0.0007	224	0.1193	275	0.2713
174	-0.0887	225	0.1973	276	-0.0257
175	-0.2167	226	0.0773	277	-0.0817
176	-0.3137	227	-0.3917	278	-0.8927
177	-0.2387	228	-0.3957	279	-0.8367
178	-0.2717	229	-0.3457	280	-0.7457
179	-0.2137	230	-0.2097	281	-0.6417
180	-0.3027	231	-0.0837	282	-0.5597
181	0.1223	232	-0.0397	283	-0.5687
182	0.2593	233	-0.0417	284	-0.3687
183	0.3073	234	-0.0567	285	-0.0957
184	0.4203	235	-0.2067	286	-0.4707
185	0.4473	236	-0.1347	287	-0.3647
186	0.4783	237	0.0353	288	0.0913
187	0.5333	238	0.0173	289	0.1763
188	0.6103	239	0.2043	290	0.0553
189	0.6353	240	0.1193	291	-0.7177
190	0.6173	241	-0.7377	292	0.2613
191	-0.3537	242	-0.6277	325	0.1153
192	-0.3417	244	-0.3317	326	0.1153
193	-0.3607	245	-0.2147	327	0.1123
194	-0.3557	246	-0.1727	328	0.1083
195	-0.3697	247	-0.1507	329	0.1103
196	-0.3557	248	-0.0717	330	0.1063
197	-0.3347	249	-0.2177	331	0.1163
198	-0.3367	250	-0.1967	332	0.1113
199	-0.3317	251	-0.0657	333	0.1093
200	-0.3477	252	-0.0087	334	0.1093
201	-0.3267	253	0.2513	335	0.1063
202	-0.3177	254	0.1483	336	0.1133
203	-0.3257	255	-0.8907	337	0.1163
204	-0.3297	256	-0.8147	338	0.1143
205	0.1863	257	-0.7327	339	0.1123
206	0.3193	258	-0.5877	340	0.1093
207	0.2203	259	-0.5437	341	0.1113
208	0.2363	260	-0.4807	350	0.0913
210	0.2573	261	-0.3217	351	0.0893
211	0.1813	262	-0.1097	352	0.0933
212	0.0813	263	-0.3517	353	0.0933
213	-0.3817	264	-0.3297	354	0.0913
214	-0.2967	265	0.0123	355	0.0903
215	-0.2097	266	0.0783		
216	-0.0727	267	-0.3627		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 654
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 39.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.095
TUNNEL DYNAMIC PRESSURE(PSF) = 742.
TUNNEL STAGNATION PRESSURE(PSF) = 1876.
TUNNEL STATIC PRESSURE(PSF) = 883.
REYNOLDS NUMBER PER FOOT = 3.9910E 06
MODEL ANGLE OF ATTACK(DEG) = 14.11
FIN ANGLE(DEG) = 0.71
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 548.

SCANIVALUE	CP(REF)
147	0.9160
247	0.9150
347	0.9150
447	0.9160
547	0.9150
647	0.9150
747	0.9150

ORF	CP	ORF	CP	ORF	CP
1	-0.5320	52	-0.7780	102	-0.5400
2	-0.6750	53	-0.7280	103	-0.8060
3	-0.6470	54	-0.6280	104	-0.7300
4	-0.6850	55	-0.8720	105	-0.5870
5	-0.6790	56	-0.8730	110	-0.1320
6	-0.6590	57	-0.8500	111	-0.1500
7	-0.6410	58	-0.8240	112	-0.1280
8	-0.6000	59	-0.7950	113	-0.1840
9	-0.5630	60	-0.7680	114	0.0970
10	-0.4970	61	-0.7490	115	0.0960
11	-0.4140	62	-0.7250	116	0.1000
12	-0.2490	63	-0.7080	117	0.1040
13	-0.1230	64	-0.7040	118	0.1050
14	-0.1860	65	-0.6980	119	0.1020
15	-0.2800	66	-0.8150	120	0.0030
16	-0.7940	67	-0.8140	121	0.0950
17	-0.8940	68	-0.8010	122	0.0970
18	-0.9380	69	-0.7870	123	0.0930
19	-0.9160	70	-0.7750	124	-0.1440
20	-0.8670	71	-0.7600	125	-0.1710
21	-0.8380	72	-0.7390	126	-0.1430
22	-0.8240	73	-0.7180	127	-0.1570
23	-0.7960	74	-0.6800	128	-0.2220
24	-0.7390	75	-0.7570	129	-0.1700
25	-0.6420	76	-0.7420	135	-0.1440
26	-0.4690	77	-0.7320	136	-0.1520
27	-0.2700	78	-0.7170	137	-0.1460
28	-0.2040	79	-0.7030	138	0.0220
29	-0.2560	80	-0.6850	139	0.0040
30	-0.9600	81	-0.6750	140	0.0100
32	-0.9310	82	-0.6640	141	0.1560
33	-0.9060	83	-0.5900	142	0.1370
34	-0.8720	84	-0.6960	143	0.1550
35	-0.8310	85	-0.6850	145	-0.1460
36	-0.7750	86	-0.6720	147	0.1330
37	-0.7180	87	-0.6650	151	-0.0430
38	-0.6440	88	-0.6480	152	-0.2590
39	-0.5170	89	-0.6350	153	-0.2840
40	-0.4340	90	-0.6470	154	-0.2520
41	-0.4330	91	-0.6440	155	-0.1340
42	-0.5120	92	-0.6390	156	-0.0680
43	-0.9790	93	-0.6240	157	-0.1560
44	-0.9600	94	-0.6110	158	0.1330
45	-0.9470	95	-0.5960	159	-0.0110
46	-0.9350	96	0.4250	160	-0.0520
47	-0.9190	97	-0.1440	161	-0.1360
48	-0.8830	98	0.5760	162	0.1090
49	-0.8420	99	0.4930	163	0.0160
50	-0.8140	100	-0.0570	164	-0.0000
51	-0.7870	101	-0.5590	165	-0.1480

ORF	CP	ORF	CP	ORF	CP
166	0.2020	217	-0.0060	268	-0.4610
167	0.0750	218	-0.0020	269	0.0390
168	0.0390	219	-0.0270	270	0.1310
169	-0.0540	220	-0.0640	271	-0.4990
170	0.0640	221	-0.3000	272	-0.2610
171	0.0090	222	-0.2540	273	0.1110
172	-0.1280	223	0.0230	274	0.1120
173	-0.0020	224	0.0920	275	0.2490
174	-0.0900	225	0.1900	276	-0.1730
175	-0.2200	226	0.0640	277	-0.1880
176	-0.3120	227	-0.4080	278	-0.9220
177	-0.2740	228	-0.3770	279	-0.8900
178	-0.3110	229	-0.3330	280	-0.8120
179	-0.2770	230	-0.1660	281	-0.7410
180	-0.3130	231	-0.0550	282	-0.6190
181	0.1680	232	-0.0470	283	-0.6360
182	0.2850	233	-0.0700	284	-0.5380
183	0.2590	234	-0.0800	285	-0.1900
184	0.3730	235	-0.2180	286	-0.5480
185	0.4120	236	-0.1490	287	-0.2700
186	0.4520	237	0.0280	288	0.1100
187	0.4890	238	0.0160	289	0.2090
188	0.5200	239	0.1650	290	0.0630
189	0.5430	240	0.0990	291	-0.7430
190	0.6460	241	-0.7750	292	0.2850
191	-0.3620	242	-0.6860	325	0.0990
192	-0.3470	244	-0.3770	326	0.0970
193	-0.3630	245	-0.2400	327	0.0960
194	-0.3620	246	-0.2110	328	0.1020
195	-0.3820	247	-0.2000	329	0.1020
196	-0.3560	248	-0.1100	330	0.1020
197	-0.3390	249	-0.2320	331	0.0970
198	-0.3380	250	-0.2130	332	0.0970
199	-0.3400	251	-0.0730	333	0.1040
200	-0.3590	252	-0.0060	334	0.1040
201	-0.3360	253	0.2560	335	0.1050
202	-0.3270	254	0.1720	336	0.1010
203	-0.3320	255	-0.9000	337	0.0990
204	-0.3400	256	-0.8360	338	0.0980
205	0.0880	257	-0.7770	339	0.0970
206	0.2710	258	-0.6750	340	0.1020
207	0.1320	259	-0.6370	341	0.1010
208	0.1790	260	-0.6190	350	0.1000
210	0.2280	261	-0.4330	351	0.1010
211	0.1740	262	-0.1720	352	0.1000
212	0.0830	263	-0.3340	353	0.1000
213	-0.3480	264	-0.3750	354	0.0960
214	-0.2730	265	0.0230	355	0.0980
215	-0.1810	266	0.0740		
216	-0.0740	267	-0.3530		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 655
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 39.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.103
TUNNEL DYNAMIC PRESSURE(PSF) = 745.
TUNNEL STAGNATION PRESSURE(PSF) = 1876.
TUNNEL STATIC PRESSURE(PSF) = 875.
REYNOLDS NUMBER PER FOOT = 4.0010E 06
MODEL ANGLE OF ATTACK(DEG) = 0.12
FIN ANGLE(DEG) = 0.38
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 548.

SCANIVALUE	CP(REF)
147	0.9215
247	0.9205
347	0.9205
447	0.9215
547	0.9195
647	0.9185
747	0.9195

ORF	CP	ORF	CP	ORF	CP
1	0.2475	52	0.0875	102	-0.3155
2	-0.1565	53	-0.1215	103	-0.6315
3	-0.2715	54	-0.2895	104	-0.6095
4	-0.1235	55	0.2665	105	-0.4915
5	0.0075	56	0.2425	110	-0.1435
6	0.0775	57	0.2365	111	-0.1635
7	0.1175	58	0.2175	112	-0.1165
8	0.1405	59	0.2025	113	-0.1355
9	0.1545	60	0.1895	114	0.1175
10	0.1525	61	0.1605	115	0.1175
11	0.1485	62	0.1275	116	0.1175
12	0.1315	63	0.0705	117	0.1195
13	0.1015	64	-0.2845	118	0.1195
14	-0.0325	65	-0.2875	119	0.1185
15	-0.1445	66	0.2645	120	-0.0565
16	-0.0595	67	0.2475	121	0.1045
17	-0.1425	68	0.2275	122	0.1165
18	0.0285	69	0.2065	123	0.1185
19	0.0985	70	0.1785	124	-0.0695
20	0.1305	71	0.1495	125	-0.0865
21	0.1495	72	0.1125	126	-0.0415
22	0.1575	73	0.0345	127	-0.0675
23	0.1605	74	-0.3015	128	-0.1965
24	0.1685	75	0.2605	129	-0.1615
25	0.1605	76	0.2305	135	-0.0435
26	0.1365	77	0.2035	136	-0.0435
27	0.1015	78	0.1675	137	-0.0445
28	-0.0275	79	0.1215	138	0.0285
29	-0.1775	80	0.0825	139	0.0245
30	-0.0025	81	-0.0305	140	0.0245
32	0.1565	82	-0.3105	141	0.1315
33	0.1705	83	0.2255	142	0.1315
34	0.1755	84	0.2035	143	0.1335
35	0.1795	85	0.1435	145	-0.0485
36	0.1785	86	0.1195	147	0.1305
37	0.1715	87	0.0765	151	0.0855
38	0.1645	88	0.0005	152	-0.1575
39	0.1435	89	-0.3185	153	-0.2635
40	0.1015	90	0.1535	154	-0.3835
41	-0.0035	91	0.1415	155	0.2395
42	-0.2415	92	0.1025	156	0.1695
43	0.2355	93	0.0685	157	-0.0095
44	0.2195	94	0.0095	158	0.4925
45	0.2105	95	-0.3185	159	0.3255
46	0.2065	96	-0.2445	160	0.2815
47	0.1985	97	-0.2635	161	0.1615
48	0.1955	98	0.2405	162	0.4465
49	0.1845	99	0.2145	163	0.3555
50	0.1665	100	-0.0155	164	0.0205
51	0.1355	101	-0.3745	165	0.0805

ORF	CP	ORF	CP	ORF	CP
166	0.5205	217	0.0155	268	-0.2125
167	0.3505	218	0.1025	269	0.0965
168	0.2985	219	0.1575	270	0.1935
169	0.1595	220	0.1325	271	-0.3365
170	0.4275	221	-0.1245	272	-0.2925
171	0.2345	222	-0.1255	273	0.1305
172	0.0135	223	0.2855	274	0.1275
173	0.1235	224	0.3635	275	0.4875
174	0.0155	225	0.3925	276	0.4515
175	-0.2455	226	0.2635	277	0.3245
176	-0.3855	227	-0.3835	278	-0.5475
177	-0.1335	228	-0.4065	279	-0.4825
178	-0.2585	229	-0.3485	280	-0.4075
179	-0.1855	230	-0.2515	281	-0.2825
180	-0.3175	231	-0.0215	282	-0.0585
181	0.3495	232	0.0875	283	0.0755
182	0.5145	233	0.1355	284	0.1595
183	0.5405	234	0.1375	285	0.1185
184	0.7065	235	-0.0295	286	-0.3575
185	0.7875	236	0.0215	287	-0.1835
186	0.8395	237	0.2455	288	0.1485
187	0.8805	238	0.1855	289	0.1405
188	0.9725	239	0.3645	290	0.1585
189	0.9785	240	0.2605	291	-0.3745
190	0.4225	241	-0.3715	292	0.1415
191	-0.3205	242	-0.3165	325	0.1155
192	-0.3455	244	-0.1275	326	0.1155
193	-0.3485	245	0.0435	327	0.1175
194	-0.3275	246	0.0955	328	0.1165
195	-0.3245	247	0.1245	329	0.1165
196	-0.3355	248	0.1195	330	0.1125
197	-0.3225	249	0.0035	331	0.1165
198	-0.3195	250	-0.0045	332	0.1175
199	-0.3215	251	0.0465	333	0.1175
200	-0.3175	252	0.0685	334	0.1165
201	-0.3065	253	0.3735	335	0.1115
202	-0.3075	254	0.2445	336	0.1155
203	-0.3075	255	-0.4095	337	0.1145
204	-0.3065	256	-0.3775	338	0.1165
205	0.3835	257	-0.3585	339	0.1175
206	0.4095	258	-0.2535	340	0.1165
207	0.4025	259	-0.0205	341	0.1155
208	0.4135	260	0.1025	350	0.1175
210	0.4805	261	0.1505	351	0.1175
211	0.4495	262	0.1455	352	0.1165
212	0.3115	263	-0.1035	353	0.1135
213	-0.4815	264	-0.1115	354	0.1165
214	-0.4495	265	0.0745	355	0.1135
215	-0.3555	266	0.1585		
216	-0.2235	267	-0.1525		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 656
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 38.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.050
TUNNEL DYNAMIC PRESSURE(PSF) = 721.
TUNNEL STAGNATION PRESSURE(PSF) = 1877.
TUNNEL STATIC PRESSURE(PSF) = 934.
REYNOLDS NUMBER PER FOOT = 3.9800E 06
MODEL ANGLE OF ATTACK(DEG) = -14.22
FIN ANGLE(DEG) = 0.24
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 547.

SCANIVALUE	CP(REF)
147	0.8706
247	0.8696
347	0.8696
447	0.8706
547	0.8686
647	0.8686
747	0.8686

ORF	CP	ORF	CP	ORF	CP
1	0.5946	52	0.2096	102	-0.5734
2	0.2916	53	-0.0804	103	-0.8424
3	0.3476	54	-0.0534	104	-0.7584
4	0.4016	55	0.6366	105	-0.6274
5	0.4126	56	0.5766	110	-0.1764
6	0.4056	57	0.5326	111	-0.1954
7	0.4026	58	0.4886	112	-0.1654
8	0.3916	59	0.4406	113	-0.1744
9	0.3826	60	0.3946	114	0.0816
10	0.3726	61	0.3376	115	0.0816
11	0.3536	62	0.2686	116	0.0796
12	0.3286	63	0.1596	117	0.0786
13	0.2886	64	-0.2194	118	0.0766
14	0.0986	65	-0.0484	119	0.0776
15	-0.0174	66	0.6086	120	-0.0544
16	0.5676	67	0.5516	121	0.0716
17	0.5266	68	0.4976	122	0.0806
18	0.5026	69	0.4426	123	0.0776
19	0.4806	70	0.3856	124	-0.1484
20	0.4586	71	0.3226	125	-0.1794
21	0.4406	72	0.2386	126	-0.1294
22	0.4236	73	0.0996	127	-0.1614
23	0.4036	74	-0.0784	128	-0.2804
24	0.3826	75	0.5816	129	-0.2004
25	0.3606	76	0.5096	135	-0.1394
26	0.3236	77	0.4416	136	-0.1324
27	0.2676	78	0.3706	137	-0.1234
28	0.1016	79	0.2906	138	0.0526
29	-0.0524	80	0.1856	139	0.0506
30	0.6236	81	0.0016	140	0.0486
32	0.5396	82	-0.1184	141	0.2326
33	0.5076	83	0.5046	142	0.1706
34	0.4786	84	0.4576	143	0.2016
35	0.4506	85	0.3666	145	-0.1334
36	0.4306	86	0.2646	147	0.1676
37	0.4006	87	0.1536	151	0.2106
38	0.3686	88	-0.0014	152	-0.1034
39	0.3296	89	-0.1704	153	-0.1584
40	0.2606	90	0.4416	154	-0.3614
41	0.1086	91	0.2596	155	0.1536
42	-0.0644	92	0.1326	156	0.3316
43	0.6406	93	0.0276	157	0.1166
44	0.5886	94	-0.0934	158	0.7246
45	0.5436	95	-0.2674	159	0.4376
46	0.5106	96	-0.7354	160	0.4056
47	0.4746	97	-0.5614	161	0.2736
48	0.4406	98	-0.9044	162	0.6796
49	0.4026	99	-0.7734	163	0.4956
50	0.3556	100	-0.6314	164	0.0516
51	0.2956	101	-0.5854	165	0.1696

ORF	CP
166	0.5196
167	0.4336
168	0.3376
169	0.1446
170	0.6006
171	0.2556
172	-0.0044
173	0.2576
174	0.1176
175	-0.1704
176	-0.4354
177	-0.0694
178	-0.2084
179	-0.1994
180	-0.3484
181	0.6136
182	0.7846
183	0.5356
184	0.7636
185	0.9976
186	1.1586
187	1.1966
188	1.1456
189	1.0816
190	0.0696
191	-0.2474
192	-0.3214
193	-0.3194
194	-0.2954
195	-0.3434
196	-0.3404
197	-0.3134
198	-0.3164
199	-0.3194
200	-0.3014
201	-0.3084
202	-0.3184
203	-0.3144
204	-0.3094
205	0.1606
206	0.1516
207	0.1586
208	0.1956
210	0.5756
211	0.1776
212	0.1966
213	-0.8094
214	-0.7624
215	-0.6744
216	-0.5034

ORF	CP
217	-0.5304
218	-0.5304
219	0.0516
220	0.1406
221	-0.0394
222	-0.0234
223	0.3776
224	0.3976
225	0.3706
226	0.2606
227	-0.9674
228	-0.9054
229	-0.8464
230	-0.7394
231	-0.6294
232	-0.2794
233	0.0466
234	0.1486
235	-0.0254
236	0.1106
237	0.3566
238	0.3456
239	0.3086
240	0.2436
241	-0.7834
242	-0.6354
244	-0.3454
245	-0.1254
246	0.0086
247	0.1536
248	0.1936
249	0.0306
250	0.0236
251	0.1316
252	0.1536
253	0.5106
254	0.3546
255	-0.3624
256	-0.2984
257	-0.2284
258	-0.0464
259	0.1236
260	0.1976
261	0.2526
262	0.2636
263	-0.0644
264	-0.1814
265	0.1256
266	0.2586
267	-0.1024

ORF	CP
268	-0.3274
269	0.1286
270	0.2906
271	-0.4794
272	-0.4954
273	0.1266
274	0.1356
275	0.2126
276	0.7876
277	0.6196
278	-0.2814
279	-0.1824
280	0.0546
281	0.3456
282	0.4226
283	0.4026
284	0.3906
285	0.3016
286	-0.5784
287	-0.3484
288	0.0806
289	0.0896
290	0.2636
291	-0.4884
292	-0.2564
325	0.0766
326	0.0766
327	0.0776
328	0.0736
329	0.0786
330	0.0796
331	0.0756
332	0.0766
333	0.0756
334	0.0786
335	0.0786
336	0.0766
337	0.0776
338	0.0766
339	0.0776
340	0.0746
341	0.0796
350	0.0766
351	0.0756
352	0.0766
353	0.0776
354	0.0776
355	0.0736

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 657
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 38.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.056
TUNNEL DYNAMIC PRESSURE(PSF) = 724.
TUNNEL STAGNATION PRESSURE(PSF) = 1877.
TUNNEL STATIC PRESSURE(PSF) = 928.
REYNOLDS NUMBER PER FOOT = 3.9860E 06
MODEL ANGLE OF ATTACK(DEG) = -12.10
FIN ANGLE(DEG) = 0.36
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 546.

SCANIVALUE	CP(REF)
147	0.8752
247	0.8752
347	0.8752
447	0.8752
547	0.8802
647	0.8792
747	0.8792

ORF	CP	ORF	CP	ORF	CP
1	0.5022	52	0.1912	102	-0.4508
2	0.2852	53	-0.0858	103	-0.8188
3	0.2932	54	-0.1128	104	-0.7808
4	0.3252	55	0.5932	105	-0.6208
5	0.3322	56	0.5382	110	-0.1938
6	0.3402	57	0.4922	111	-0.2038
7	0.3392	58	0.4512	112	-0.1388
8	0.3402	59	0.4112	113	-0.1338
9	0.3412	60	0.3682	114	0.0892
10	0.3292	61	0.3142	115	0.0902
11	0.3152	62	0.2472	116	0.0892
12	0.2892	63	0.1452	117	0.0882
13	0.2472	64	-0.2648	118	0.0902
14	0.0662	65	-0.1188	119	0.0922
15	-0.0378	66	0.5772	120	-0.1668
16	0.4952	67	0.5152	121	0.0672
17	0.4482	68	0.4612	122	0.0892
18	0.4342	69	0.4102	123	0.0882
19	0.4102	70	0.3602	124	-0.1098
20	0.3972	71	0.2992	125	-0.1408
21	0.3852	72	0.2182	126	-0.0908
22	0.3712	73	0.0862	127	-0.1158
23	0.3572	74	-0.1028	128	-0.2418
24	0.3402	75	0.5512	129	-0.1778
25	0.3192	76	0.4762	135	-0.0928
26	0.2862	77	0.4082	136	-0.0838
27	0.2332	78	0.3412	137	-0.0748
28	0.0762	79	0.2692	138	0.0702
29	-0.0728	80	0.1642	139	0.0682
30	0.5612	81	-0.0278	140	0.0672
32	0.4812	82	-0.1218	141	0.2142
33	0.4562	83	0.4732	142	0.1782
34	0.4332	84	0.4252	143	0.1982
35	0.4102	85	0.3372	145	-0.0888
36	0.3892	86	0.2372	147	0.1752
37	0.3632	87	0.1242	151	0.1942
38	0.3382	88	-0.0298	152	-0.1128
39	0.2962	89	-0.1678	153	-0.1778
40	0.2342	90	0.4092	154	-0.3748
41	0.0922	91	0.2242	155	0.1832
42	-0.0938	92	0.0942	156	0.3152
43	0.5932	93	-0.0058	157	0.1032
44	0.5412	94	-0.1208	158	0.6862
45	0.4992	95	-0.2608	159	0.4412
46	0.4682	96	-0.7028	160	0.4052
47	0.4362	97	-0.4578	161	0.2712
48	0.4052	98	-0.9988	162	0.6772
49	0.3682	99	-0.7788	163	0.5152
50	0.3282	100	-0.6658	164	0.0632
51	0.2722	101	-0.4998	165	0.1852

ORF	CP	ORF	CP	ORF	CP
166	0.4932	217	-0.5258	268	-0.2848
167	0.4552	218	-0.4968	269	0.1172
168	0.3712	219	0.0932	270	0.2512
169	0.1752	220	0.1622	271	-0.4008
170	0.5812	221	-0.0318	272	-0.4238
171	0.2672	222	-0.0488	273	0.1102
172	0.0142	223	0.3602	274	0.0982
173	0.2492	224	0.3912	275	0.3482
174	0.1232	225	0.4112	276	0.6902
175	-0.1828	226	0.2972	277	0.5412
176	-0.4288	227	-0.9548	278	-0.2338
177	-0.0768	228	-0.8908	279	-0.0508
178	-0.2318	229	-0.8268	280	0.1552
179	-0.2068	230	-0.7048	281	0.2942
180	-0.3478	231	-0.5718	282	0.3532
181	0.5662	232	-0.1718	283	0.3482
182	0.7492	233	0.1022	284	0.3542
183	0.5902	234	0.1682	285	0.2692
184	0.8262	235	-0.0408	286	-0.4828
185	1.0482	236	0.0942	287	-0.3478
186	1.1992	237	0.3562	288	0.0722
187	1.2402	238	0.3242	289	0.0512
188	1.2192	239	0.3922	290	0.2412
189	1.1222	240	0.3122	291	-0.6028
190	0.1002	241	-0.7768	292	-0.2108
191	-0.2538	242	-0.6238	325	0.0832
192	-0.3128	244	-0.3258	326	0.0842
193	-0.3088	245	-0.1048	327	0.0822
194	-0.2948	246	0.0202	328	0.0842
195	-0.3628	247	0.1612	329	0.0822
196	-0.3528	248	0.1902	330	0.0822
197	-0.3188	249	0.0252	331	0.0852
198	-0.3228	250	0.0222	332	0.0842
199	-0.3288	251	0.1292	333	0.0852
200	-0.3028	252	0.1532	334	0.0822
201	-0.3108	253	0.5212	335	0.0852
202	-0.3218	254	0.3562	336	0.0792
203	-0.3248	255	-0.3118	337	0.0832
204	-0.3098	256	-0.2928	338	0.0832
205	0.2292	257	-0.2548	339	0.0822
206	0.2232	258	-0.1158	340	0.0852
207	0.2282	259	0.0872	341	0.0812
208	0.2862	260	0.1702	350	0.0932
210	0.5912	261	0.2472	351	0.0952
211	0.3002	262	0.2472	352	0.0892
212	0.2722	263	-0.0638	353	0.0892
213	-0.7858	264	-0.1468	354	0.0932
214	-0.7348	265	0.1262	355	0.0932
215	-0.6398	266	0.2392		
216	-0.4768	267	-0.1158		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 658
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 38.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.051
TUNNEL DYNAMIC PRESSURE(PSF) = 722.
TUNNEL STAGNATION PRESSURE(PSF) = 1877.
TUNNEL STATIC PRESSURE(PSF) = 933.
REYNOLDS NUMBER PER FOOT = 3.9840E 06
MODEL ANGLE OF ATTACK(DEG) = -8.09
FIN ANGLE(DEG) = 0.55
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 546.

SCANIVALUE	CP(REF)
147	0.8728
247	0.8708
347	0.8718
447	0.8718
547	0.8698
647	0.8688
747	0.8688

ORF	CP	ORF	CP	ORF	CP
1	0.4018	52	0.1378	102	-0.4252
2	0.1658	53	-0.1222	103	-0.7652
3	0.1728	54	-0.2352	104	-0.7252
4	0.2108	55	0.5068	105	-0.6142
5	0.2388	56	0.4458	110	-0.1682
6	0.2458	57	0.4018	111	-0.1972
7	0.2648	58	0.3638	112	-0.1192
8	0.2658	59	0.3358	113	-0.1302
9	0.2628	60	0.2988	114	0.0848
10	0.2558	61	0.2488	115	0.0858
11	0.2448	62	0.1898	116	0.0838
12	0.2228	63	0.0998	117	0.0858
13	0.1838	64	-0.3142	118	0.0888
14	0.0138	65	-0.2592	119	0.0858
15	-0.0982	66	0.4958	120	-0.0372
16	0.3408	67	0.4298	121	0.0818
17	0.3138	68	0.3778	122	0.0858
18	0.3068	69	0.3288	123	0.0878
19	0.2998	70	0.2888	124	-0.0702
20	0.2978	71	0.2368	125	-0.0952
21	0.2968	72	0.1628	126	-0.0452
22	0.2948	73	0.0428	127	-0.0732
23	0.2848	74	-0.2802	128	-0.2402
24	0.2708	75	0.4768	129	-0.1812
25	0.2488	76	0.3978	135	-0.0372
26	0.2218	77	0.3328	136	-0.0342
27	0.1738	78	0.2648	137	-0.0342
28	0.0208	79	0.1918	138	0.0578
29	-0.1372	80	0.1038	139	0.0608
30	0.4318	81	-0.0662	140	0.0468
32	0.3728	82	-0.3222	141	0.1978
33	0.3548	83	0.4078	142	0.1988
34	0.3428	84	0.3518	143	0.2058
35	0.3248	85	0.2588	145	-0.0372
36	0.3128	86	0.1578	147	0.1918
37	0.2908	87	0.0658	151	0.1358
38	0.2648	88	-0.0742	152	-0.1582
39	0.2308	89	-0.3742	153	-0.2282
40	0.1708	90	0.3418	154	-0.3692
41	0.0438	91	0.1468	155	0.1378
42	-0.1762	92	0.0278	156	0.2388
43	0.4908	93	-0.0562	157	0.0428
44	0.4398	94	-0.1562	158	0.5848
45	0.4038	95	-0.4462	159	0.3788
46	0.3798	96	-0.6182	160	0.3518
47	0.3568	97	-0.3942	161	0.2238
48	0.3268	98	-0.7972	162	0.5888
49	0.2968	99	-0.8072	163	0.4368
50	0.2608	100	-0.5972	164	0.0598
51	0.2098	101	-0.4812	165	0.1368

ORF	CP	ORF	CP	ORF	CP
166	0.4768	217	-0.4482	268	-0.3092
167	0.3988	218	-0.0752	269	0.0778
168	0.3278	219	0.1078	270	0.1998
169	0.1498	220	0.1198	271	-0.4052
170	0.4758	221	-0.1182	272	-0.4282
171	0.2418	222	-0.1412	273	0.0678
172	0.0088	223	0.3138	274	0.0718
173	0.1708	224	0.3668	275	0.4218
174	0.0528	225	0.4068	276	0.4928
175	-0.2252	226	0.2668	277	0.4188
176	-0.4092	227	-0.9662	278	-0.2432
177	-0.1252	228	-0.8942	279	-0.1072
178	-0.2802	229	-0.8152	280	0.0168
179	-0.2562	230	-0.6082	281	0.1628
180	-0.3292	231	-0.2352	282	0.2388
181	0.4788	232	-0.0242	283	0.2498
182	0.6478	233	0.1018	284	0.2698
183	0.5108	234	0.1248	285	0.1958
184	0.7078	235	-0.0862	286	-0.4682
185	0.8438	236	0.0058	287	-0.3292
186	0.9938	237	0.2668	288	0.0508
187	1.1068	238	0.2288	289	0.0428
188	1.1678	239	0.4608	290	0.1988
189	1.1988	240	0.3498	291	-0.4432
190	0.1568	241	-0.6702	292	-0.0952
191	-0.2842	242	-0.5772	325	0.0868
192	-0.3182	244	-0.3232	326	0.0878
193	-0.3152	245	-0.1142	327	0.0858
194	-0.3042	246	0.0178	328	0.0888
195	-0.3152	247	0.1348	329	0.0888
196	-0.3272	248	0.1438	330	0.0858
197	-0.3102	249	-0.0202	331	0.0888
198	-0.3152	250	-0.0402	332	0.0888
199	-0.3132	251	0.0658	333	0.0878
200	-0.3062	252	0.0928	334	0.0878
201	-0.2992	253	0.5078	335	0.0858
202	-0.3072	254	0.3478	336	0.0868
203	-0.3012	255	-0.4222	337	0.0858
204	-0.2922	256	-0.3962	338	0.0858
205	0.2998	257	-0.3462	339	0.0848
206	0.3028	258	-0.2072	340	0.0888
207	0.3088	259	0.0238	341	0.0868
208	0.3398	260	0.1428	350	0.0868
210	0.5698	261	0.2078	351	0.0888
211	0.3608	262	0.1988	352	0.0838
212	0.2578	263	-0.1142	353	0.0848
213	-0.8122	264	-0.1972	354	0.0888
214	-0.7512	265	0.0868	355	0.0868
215	-0.6462	266	0.1938		
216	-0.5102	267	-0.1662		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 659
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 38.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.054
TUNNEL DYNAMIC PRESSURE(PSF) = 723.
TUNNEL STAGNATION PRESSURE(PSF) = 1877.
TUNNEL STATIC PRESSURE(PSF) = 930.
REYNOLDS NUMBER PER FOOT = 3.9860E 06
MODEL ANGLE OF ATTACK(DEG) = -6.03
FIN ANGLE(DEG) = 0.61
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 546.

SCANIVALUE	CP(REF)
147	0.8737
247	0.8727
347	0.8727
447	0.8737
547	0.8727
647	0.8727
747	0.8727

ORF	CP	ORF	CP	ORF	CP
1	0.2867	52	0.1087	102	-0.3833
2	0.1137	53	-0.1413	103	-0.7563
3	0.1227	54	-0.2423	104	-0.7113
4	0.1567	55	0.4547	105	-0.5993
5	0.1877	56	0.3967	110	-0.1623
6	0.2017	57	0.3627	111	-0.1923
7	0.2117	58	0.3297	112	-0.1093
8	0.2167	59	0.2977	113	-0.1123
9	0.2177	60	0.2607	114	0.1037
10	0.2127	61	0.2177	115	0.1017
11	0.2047	62	0.1627	116	0.1007
12	0.1807	63	0.0777	117	0.1007
13	0.1357	64	-0.3243	118	0.1007
14	-0.0213	65	-0.2743	119	0.0997
15	-0.1293	66	0.4527	120	-0.0233
16	0.2547	67	0.3867	121	0.0977
17	0.2327	68	0.3387	122	0.1037
18	0.2337	69	0.2937	123	0.1017
19	0.2337	70	0.2507	124	-0.0523
20	0.2417	71	0.2077	125	-0.0683
21	0.2427	72	0.1427	126	-0.0173
22	0.2417	73	0.0287	127	-0.0503
23	0.2327	74	-0.3073	128	-0.2143
24	0.2227	75	0.4387	129	-0.1533
25	0.2067	76	0.3607	135	-0.0093
26	0.1797	77	0.2997	136	-0.0073
27	0.1247	78	0.2377	137	-0.0053
28	-0.0203	79	0.1677	138	0.0627
29	-0.1603	80	0.0797	139	0.0647
30	0.3477	81	-0.0763	140	0.0617
32	0.3027	82	-0.3543	141	0.2157
33	0.2927	83	0.3727	142	0.2237
34	0.2857	84	0.3187	143	0.2337
35	0.2737	85	0.2267	145	-0.0143
36	0.2637	86	0.1307	147	0.2167
37	0.2447	87	0.0387	151	0.1047
38	0.2197	88	-0.0753	152	-0.1753
39	0.1877	89	-0.3893	153	-0.2473
40	0.1307	90	0.3097	154	-0.3603
41	0.0027	91	0.1237	155	0.1417
42	-0.1903	92	0.0257	156	0.1927
43	0.4227	93	-0.0503	157	0.0047
44	0.3817	94	-0.1453	158	0.5337
45	0.3537	95	-0.4543	159	0.3407
46	0.3317	96	-0.5773	160	0.3117
47	0.3077	97	-0.3683	161	0.1867
48	0.2837	98	-0.5673	162	0.5227
49	0.2557	99	-0.5593	163	0.3827
50	0.2217	100	-0.5663	164	0.0527
51	0.1747	101	-0.4423	165	0.0967

ORF	CP	ORF	CP	ORF	CP
166	0.4377	217	-0.3023	268	-0.2723
167	0.3637	218	-0.0433	269	0.0627
168	0.2927	219	0.1107	270	0.1627
169	0.1177	220	0.1067	271	-0.3763
170	0.4127	221	-0.1343	272	-0.3663
171	0.2227	222	-0.1473	273	0.0567
172	-0.0063	223	0.3047	274	0.0507
173	0.1817	224	0.3477	275	0.4517
174	0.0467	225	0.4467	276	0.4267
175	-0.1763	226	0.2987	277	0.3167
176	-0.4053	227	-0.9753	278	-0.3133
177	-0.1453	228	-0.9203	279	-0.2243
178	-0.2893	229	-0.8533	280	-0.0773
179	-0.2383	230	-0.6793	281	0.0877
180	-0.3243	231	-0.1743	282	0.1627
181	0.4107	232	0.0207	283	0.1857
182	0.5837	233	0.1227	284	0.2167
183	0.5107	234	0.1237	285	0.1567
184	0.7117	235	-0.0913	286	-0.4243
185	0.8077	236	-0.0003	287	-0.2583
186	0.9077	237	0.2507	288	0.0567
187	1.0147	238	0.2257	289	0.0457
188	1.1037	239	0.5297	290	0.1697
189	1.1687	240	0.4157	291	-0.4343
190	0.2007	241	-0.8933	292	-0.0443
191	-0.2943	242	-0.8013	325	0.0867
192	-0.3343	244	-0.4243	326	0.0867
193	-0.3343	245	-0.1193	327	0.0837
194	-0.3133	246	0.0317	328	0.0867
195	-0.3163	247	0.1487	329	0.0837
196	-0.3283	248	0.1517	330	0.0837
197	-0.3113	249	-0.0353	331	0.0857
198	-0.3093	250	-0.0483	332	0.0827
199	-0.3143	251	0.0847	333	0.0867
200	-0.3103	252	0.1147	334	0.0857
201	-0.3013	253	0.4527	335	0.0827
202	-0.3103	254	0.3167	336	0.0867
203	-0.3003	255	-0.4873	337	0.0847
204	-0.3053	256	-0.4413	338	0.0867
205	0.3257	257	-0.3753	339	0.0837
206	0.3377	258	-0.2243	340	0.0847
207	0.3347	259	0.0217	341	0.0837
208	0.3567	260	0.1317	350	0.1017
210	0.5627	261	0.1957	351	0.0987
211	0.3997	262	0.1787	352	0.0947
212	0.2617	263	-0.1273	353	0.0957
213	-0.8163	264	-0.1813	354	0.0987
214	-0.7813	265	0.0777	355	0.0937
215	-0.7003	266	0.1587		
216	-0.5273	267	-0.1743		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 660
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 38.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.053
TUNNEL DYNAMIC PRESSURE(PSF) = 723.
TUNNEL STAGNATION PRESSURE(PSF) = 1878.
TUNNEL STATIC PRESSURE(PSF) = 932.
REYNOLDS NUMBER PER FOOT = 3.9900E 06
MODEL ANGLE OF ATTACK(DEG) = -3.98
FIN ANGLE(DEG) = 0.26
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 546.

SCANIVALUE	CP(REF)
147	0.8719
247	0.8709
347	0.8709
447	0.8719
547	0.8709
647	0.8699
747	0.8699

ORF	CP	ORF	CP	ORF	CP
1	0.2189	52	0.0649	102	-0.3581
2	0.0019	53	-0.1701	103	-0.7451
3	-0.0091	54	-0.2831	104	-0.7001
4	0.0759	55	0.3769	105	-0.5731
5	0.1169	56	0.3299	110	-0.1601
6	0.1359	57	0.3049	111	-0.1961
7	0.1529	58	0.2769	112	-0.1131
8	0.1609	59	0.2449	113	-0.1171
9	0.1599	60	0.2109	114	0.0899
10	0.1579	61	0.1709	115	0.0899
11	0.1449	62	0.1229	116	0.0879
12	0.1249	63	0.0519	117	0.0899
13	0.0869	64	-0.3471	118	0.0899
14	-0.0671	65	-0.3171	119	0.0889
15	-0.1661	66	0.3939	120	-0.0471
16	0.1579	67	0.3289	121	0.0809
17	0.1449	68	0.2849	122	0.0869
18	0.1469	69	0.2449	123	0.0869
19	0.1629	70	0.2039	124	-0.0331
20	0.1699	71	0.1659	125	-0.0381
21	0.1749	72	0.1129	126	0.0099
22	0.1779	73	0.0129	127	-0.0211
23	0.1759	74	-0.3471	128	-0.1841
24	0.1639	75	0.3789	129	-0.1471
25	0.1499	76	0.3089	135	-0.0071
26	0.1229	77	0.2499	136	-0.0021
27	0.0699	78	0.1979	137	-0.0031
28	-0.0671	79	0.1399	138	0.0499
29	-0.1941	80	0.0619	139	0.0389
30	0.2439	81	-0.0801	140	0.0559
32	0.2199	82	-0.3801	141	0.2229
33	0.2119	83	0.3209	142	0.2229
34	0.2109	84	0.2649	143	0.2239
35	0.2049	85	0.1789	145	-0.0031
36	0.1979	86	0.0909	147	0.2279
37	0.1839	87	0.0119	151	0.0539
38	0.1609	88	-0.0961	152	-0.1971
39	0.1289	89	-0.4191	153	-0.2751
40	0.0729	90	0.2459	154	-0.3691
41	-0.0471	91	0.0819	155	0.1549
42	-0.2241	92	0.0089	156	0.1419
43	0.3299	93	-0.0531	157	-0.0371
44	0.2959	94	-0.1361	158	0.5039
45	0.2749	95	-0.4551	159	0.2829
46	0.2639	96	-0.4951	160	0.2559
47	0.2449	97	-0.3731	161	0.1369
48	0.2259	98	-0.0531	162	0.4519
49	0.1999	99	-0.2281	163	0.3409
50	0.1709	100	-0.2211	164	0.0439
51	0.1289	101	-0.4191	165	0.0509

ORF	CP	ORF	CP	ORF	CP
166	0.4469	217	-0.2681	268	-0.2461
167	0.3369	218	-0.0071	269	0.0319
168	0.2609	219	0.1229	270	0.1219
169	0.0979	220	0.1029	271	-0.3711
170	0.3069	221	-0.1541	272	-0.3281
171	0.2379	222	-0.1621	273	0.0459
172	0.0039	223	0.2859	274	0.0379
173	0.1729	224	0.3489	275	0.4539
174	0.0389	225	0.4929	276	0.3869
175	-0.1601	226	0.3479	277	0.2639
176	-0.3991	227	-0.9671	278	-0.3761
177	-0.1871	228	-0.9121	279	-0.3201
178	-0.3241	229	-0.8461	280	-0.2311
179	-0.2411	230	-0.6711	281	0.0009
180	-0.3231	231	-0.1331	282	0.1029
181	0.3509	232	0.0489	283	0.1399
182	0.5159	233	0.1249	284	0.1649
183	0.5459	234	0.1239	285	0.1049
184	0.7279	235	-0.1081	286	-0.4091
185	0.7959	236	-0.0241	287	-0.2391
186	0.8999	237	0.2479	288	0.0579
187	1.0079	238	0.2229	289	0.0509
188	1.0829	239	0.4729	290	0.1189
189	1.1319	240	0.3719	291	-0.4121
190	0.2429	241	-0.7361	292	0.0179
191	-0.2901	242	-0.6051	325	0.0869
192	-0.3481	244	-0.4031	326	0.0879
193	-0.3501	245	-0.1261	327	0.0899
194	-0.3381	246	0.0409	328	0.0849
195	-0.3191	247	0.1329	329	0.0859
196	-0.3281	248	0.1299	330	0.0899
197	-0.3201	249	-0.0541	331	0.0869
198	-0.3121	250	-0.0571	332	0.0899
199	-0.3141	251	0.0679	333	0.0869
200	-0.3111	252	0.0959	334	0.0869
201	-0.2981	253	0.3999	335	0.0919
202	-0.3041	254	0.2509	336	0.0839
203	-0.2991	255	-0.4361	337	0.0889
204	-0.2991	256	-0.3701	338	0.0879
205	0.3569	257	-0.3341	339	0.0889
206	0.3729	258	-0.1881	340	0.0859
207	0.3719	259	0.0099	341	0.0869
208	0.3759	260	0.0959	350	0.0889
210	0.5719	261	0.1429	351	0.0889
211	0.4499	262	0.1249	352	0.0879
212	0.2979	263	-0.1421	353	0.0909
213	-0.8091	264	-0.1571	354	0.0899
214	-0.8031	265	0.0379	355	0.0889
215	-0.7271	266	0.1119		
216	-0.5411	267	-0.1891		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 661
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 38.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.052
TUNNEL DYNAMIC PRESSURE(PSF) = 722.
TUNNEL STAGNATION PRESSURE(PSF) = 1877.
TUNNEL STATIC PRESSURE(PSF) = 933.
REYNOLDS NUMBER PER FOOT = 3.9880E 06
MODEL ANGLE OF ATTACK(DEG) = -1.92
FIN ANGLE(DEG) = 0.32
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 546.

SCANIVALUE	CP(REF)
147	0.8708
247	0.8688
347	0.8698
447	0.8708
547	0.8688
647	0.8688
747	0.8688

ORF	CP	ORF	CP	ORF	CP
1	0.1678	52	0.0378	102	-0.3642
2	-0.1162	53	-0.1832	103	-0.7292
3	-0.1342	54	-0.3352	104	-0.6982
4	-0.0332	55	0.3088	105	-0.5662
5	0.0408	56	0.2638	110	-0.1632
6	0.0868	57	0.2428	111	-0.1932
7	0.1118	58	0.2178	112	-0.1122
8	0.1208	59	0.1968	113	-0.1172
9	0.1248	60	0.1698	114	0.0908
10	0.1228	61	0.1338	115	0.0878
11	0.1118	62	0.0918	116	0.0868
12	0.0938	63	0.0268	117	0.0898
13	0.0508	64	-0.3642	118	0.0928
14	-0.0932	65	-0.3562	119	0.0898
15	-0.1942	66	0.3088	120	-0.0272
16	0.0298	67	0.2568	121	0.0878
17	0.0298	68	0.2208	122	0.0908
18	0.0668	69	0.1878	123	0.0908
19	0.0978	70	0.1568	124	-0.0312
20	0.1178	71	0.1228	125	-0.0402
21	0.1338	72	0.0738	126	0.0108
22	0.1338	73	-0.0092	127	-0.0142
23	0.1348	74	-0.3782	128	-0.1982
24	0.1288	75	0.2978	129	-0.1402
25	0.1128	76	0.2478	135	0.0038
26	0.0888	77	0.2038	136	0.0008
27	0.0408	78	0.1578	137	-0.0002
28	-0.0942	79	0.0978	138	0.0398
29	-0.2222	80	0.0338	139	0.0408
30	0.1388	81	-0.0862	140	0.0398
32	0.1568	82	-0.3912	141	0.2188
33	0.1608	83	0.2488	142	0.2278
34	0.1648	84	0.2008	143	0.2288
35	0.1638	85	0.1208	145	0.0018
36	0.1548	86	0.0528	147	0.2268
37	0.1418	87	0.0028	151	0.0278
38	0.1238	88	-0.0842	152	-0.2112
39	0.0928	89	-0.4142	153	-0.2982
40	0.0428	90	0.1678	154	-0.3722
41	-0.0672	91	0.0498	155	0.1608
42	-0.2612	92	0.0248	156	0.1218
43	0.2518	93	-0.0182	157	-0.0562
44	0.2308	94	-0.0882	158	0.5008
45	0.2208	95	-0.4222	159	0.2778
46	0.2078	96	-0.5042	160	0.2498
47	0.1988	97	-0.3542	161	0.1298
48	0.1818	98	0.1078	162	0.4608
49	0.1578	99	0.0688	163	0.3248
50	0.1318	100	-0.1122	164	0.0378
51	0.0918	101	-0.4312	165	0.0458

ORF	CP	ORF	CP	ORF	CP
166	0.4618	217	-0.1082	268	-0.2492
167	0.3188	218	0.0268	269	0.0228
168	0.2598	219	0.1038	270	0.1138
169	0.1088	220	0.0878	271	-0.3832
170	0.3438	221	-0.1802	272	-0.3442
171	0.2178	222	-0.1882	273	0.0488
172	-0.0132	223	0.2668	274	0.0468
173	0.1278	224	0.3348	275	0.4868
174	0.0078	225	0.4568	276	0.3628
175	-0.2162	226	0.2958	277	0.2378
176	-0.4182	227	-0.7242	278	-0.4222
177	-0.2142	228	-0.6672	279	-0.4292
178	-0.3472	229	-0.6172	280	-0.3682
179	-0.2782	230	-0.4082	281	-0.1872
180	-0.3152	231	-0.1592	282	0.0268
181	0.3508	232	0.0158	283	0.0988
182	0.5228	233	0.1078	284	0.1268
183	0.5038	234	0.1048	285	0.0688
184	0.6578	235	-0.1032	286	-0.4132
185	0.7498	236	-0.0372	287	-0.2632
186	0.8648	237	0.2178	288	0.0758
187	0.9668	238	0.1828	289	0.0668
188	1.0508	239	0.4268	290	0.0878
189	1.0908	240	0.3048	291	-0.3402
190	0.3178	241	-0.5402	292	0.0668
191	-0.3012	242	-0.5002	325	0.0898
192	-0.3502	244	-0.3202	326	0.0868
193	-0.3522	245	-0.0732	327	0.0878
194	-0.3512	246	0.0328	328	0.0888
195	-0.3202	247	0.0988	329	0.0898
196	-0.3242	248	0.0948	330	0.0898
197	-0.3142	249	-0.0612	331	0.0888
198	-0.3152	250	-0.0662	332	0.0898
199	-0.3142	251	0.0288	333	0.0898
200	-0.3152	252	0.0488	334	0.0898
201	-0.3062	253	0.3668	335	0.0908
202	-0.3082	254	0.2178	336	0.0888
203	-0.3052	255	-0.3732	337	0.0898
204	-0.2992	256	-0.3692	338	0.0848
205	0.3668	257	-0.3402	339	0.0878
206	0.3968	258	-0.2342	340	0.0898
207	0.3858	259	-0.0172	341	0.0898
208	0.3858	260	0.0678	350	0.0908
210	0.5278	261	0.1038	351	0.0918
211	0.4488	262	0.0898	352	0.0898
212	0.3188	263	-0.1592	353	0.0908
213	-0.7552	264	-0.1612	354	0.0908
214	-0.7042	265	0.0138	355	0.0918
215	-0.6532	266	0.0878		
216	-0.4242	267	-0.2052		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 662
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 38.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.052
TUNNEL DYNAMIC PRESSURE(PSF) = 721.
TUNNEL STAGNATION PRESSURE(PSF) = 1874.
TUNNEL STATIC PRESSURE(PSF) = 931.
REYNOLDS NUMBER PER FOOT = 3.9810E 06
MODEL ANGLE OF ATTACK(DEG) = 0.09
FIN ANGLE(DEG) = 0.45
FREE*STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 546.

SCANIVALUE	CP(REF)
147	0.8747
247	0.8737
347	0.8737
447	0.8757
547	0.8667
647	0.8667
747	0.8667

ORF	CP	ORF	CP	ORF	CP
1	0.2137	52	0.0187	102	-0.3883
2	-0.1953	53	-0.1963	103	-0.7173
3	-0.2843	54	-0.3693	104	-0.6963
4	-0.1563	55	0.2177	105	-0.5693
5	-0.0483	56	0.1897	110	-0.1653
6	0.0257	57	0.1797	111	-0.1913
7	0.0667	58	0.1627	112	-0.1143
8	0.0937	59	0.1417	113	-0.1153
9	0.1027	60	0.1237	114	0.0917
10	0.1057	61	0.0967	115	0.0927
11	0.1027	62	0.0577	116	0.0897
12	0.0867	63	-0.0003	117	0.0917
13	0.0577	64	-0.3683	118	0.0907
14	-0.0943	65	-0.3703	119	0.0927
15	-0.2143	66	0.2057	120	-0.0473
16	-0.0743	67	0.1867	121	0.0867
17	-0.1083	68	0.1627	122	0.0907
18	0.0017	69	0.1427	123	0.0887
19	0.0447	70	0.1147	124	-0.0303
20	0.0777	71	0.0847	125	-0.0453
21	0.1017	72	0.0407	126	0.0007
22	0.1147	73	-0.0423	127	-0.0243
23	0.1147	74	-0.3873	128	-0.1813
24	0.1147	75	0.2017	129	-0.1433
25	0.1057	76	0.1667	135	-0.0033
26	0.0837	77	0.1337	136	-0.0023
27	0.0427	78	0.0987	137	0.0027
28	-0.0943	79	0.0507	138	0.0437
29	-0.2533	80	0.0067	139	0.0357
30	0.0297	81	-0.1113	140	0.0437
32	0.1057	82	-0.3993	141	0.2247
33	0.1177	83	0.1697	142	0.2277
34	0.1287	84	0.1377	143	0.2187
35	0.1307	85	0.0757	145	0.0007
36	0.1267	86	0.0467	147	0.2187
37	0.1247	87	0.0007	151	0.0407
38	0.1097	88	-0.0823	152	-0.2153
39	0.0837	89	-0.4093	153	-0.2913
40	0.0437	90	0.0817	154	-0.3753
41	-0.0713	91	0.0687	155	0.1547
42	-0.3113	92	0.0287	156	0.1267
43	0.1707	93	-0.0103	157	-0.0693
44	0.1657	94	-0.0713	158	0.4407
45	0.1567	95	-0.4093	159	0.2707
46	0.1587	96	-0.2333	160	0.2177
47	0.1477	97	-0.3513	161	0.0907
48	0.1417	98	0.1737	162	0.4007
49	0.1267	99	0.1407	163	0.3027
50	0.1027	100	-0.0963	164	0.0357
51	0.0677	101	-0.4503	165	0.0187

ORF	CP	ORF	CP	ORF	CP
166	0.4807	217	-0.0853	268	-0.2893
167	0.2987	218	0.0407	269	0.0467
168	0.2387	219	0.1027	270	0.1447
169	0.0927	220	0.0787	271	-0.4143
170	0.3417	221	-0.1913	272	-0.3813
171	0.1927	222	-0.2003	273	0.0727
172	-0.0263	223	0.2487	274	0.0717
173	0.0807	224	0.3097	275	0.4837
174	-0.0353	225	0.3907	276	0.4267
175	-0.2773	226	0.2447	277	0.2817
176	-0.4023	227	-0.4193	278	-0.6013
177	-0.1923	228	-0.4323	279	-0.5403
178	-0.3233	229	-0.4203	280	-0.4803
179	-0.2443	230	-0.3203	281	-0.3223
180	-0.3153	231	-0.1063	282	-0.0863
181	0.3117	232	0.0377	283	0.0317
182	0.4907	233	0.0977	284	0.1047
183	0.5087	234	0.0807	285	0.0687
184	0.6407	235	-0.1003	286	-0.4383
185	0.7067	236	-0.0443	287	-0.2723
186	0.7807	237	0.1927	288	0.0907
187	0.8527	238	0.1357	289	0.0767
188	0.9027	239	0.3647	290	0.1137
189	1.0067	240	0.2527	291	-0.4163
190	0.3767	241	-0.4473	292	0.0807
191	-0.3123	242	-0.4403	325	0.0927
192	-0.3333	244	-0.2483	326	0.0937
193	-0.3393	245	-0.0273	327	0.0927
194	-0.3233	246	0.0407	328	0.0927
195	-0.3283	247	0.0807	329	0.0927
196	-0.3383	248	0.0737	330	0.0907
197	-0.3253	249	-0.0663	331	0.0937
198	-0.3183	250	-0.0723	332	0.0957
199	-0.3163	251	-0.0023	333	0.0927
200	-0.3173	252	0.0237	334	0.0947
201	-0.3013	253	0.3687	335	0.0917
202	-0.3033	254	0.2277	336	0.0917
203	-0.2993	255	-0.4523	337	0.0937
204	-0.3003	256	-0.4383	338	0.0967
205	0.3777	257	-0.4213	339	0.0917
206	0.3957	258	-0.3213	340	0.0947
207	0.3947	259	-0.1113	341	0.0947
208	0.4017	260	0.0307	350	0.0937
210	0.4867	261	0.0957	351	0.0927
211	0.4137	262	0.0827	352	0.0887
212	0.2777	263	-0.1753	353	0.0897
213	-0.5533	264	-0.1873	354	0.0907
214	-0.4873	265	0.0317	355	0.0887
215	-0.4343	266	0.1157		
216	-0.2953	267	-0.2243		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 663
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 38.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.054
TUNNEL DYNAMIC PRESSURE(PSF) = 722.
TUNNEL STAGNATION PRESSURE(PSF) = 1875.
TUNNEL STATIC PRESSURE(PSF) = 929.
REYNOLDS NUMBER PER FOOT = 3.9860E 06
MODEL ANGLE OF ATTACK(DEG) = 2.07
FIN ANGLE(DEG) = 0.58
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 546.

SCANIVALUE	CP(REF)
147	0.8753
247	0.8733
347	0.8753
447	0.8763
547	0.8773
647	0.8763
747	0.8763

ORF	CP	ORF	CP	ORF	CP
1	0.1723	52	-0.0177	102	-0.3707
2	-0.2667	53	-0.2337	103	-0.7307
3	-0.5337	54	-0.3767	104	-0.6967
4	-0.2337	55	-0.0777	105	-0.5727
5	-0.0977	56	0.0713	110	-0.1507
6	-0.0047	57	0.1083	111	-0.1757
7	0.0383	58	0.1093	112	-0.1047
8	0.0693	59	0.0923	113	-0.1087
9	0.0803	60	0.0783	114	0.0963
10	0.0783	61	0.0473	115	0.0953
11	0.0763	62	0.0193	116	0.0953
12	0.0643	63	-0.0377	117	0.0933
13	0.0313	64	-0.3937	118	0.0943
14	-0.1187	65	-0.3907	119	0.0953
15	-0.2387	66	-0.0867	120	-0.0567
16	-0.1457	67	0.0623	121	0.0853
17	-0.3287	68	0.0913	122	0.0933
18	-0.2467	69	0.0783	123	0.0963
19	-0.0397	70	0.0573	124	-0.0287
20	0.0463	71	0.0333	125	-0.0497
21	0.0773	72	-0.0057	126	0.0053
22	0.0893	73	-0.0837	127	-0.0277
23	0.0873	74	-0.3957	128	-0.1547
24	0.0833	75	-0.1087	129	-0.1307
25	0.0763	76	0.0563	135	0.0053
26	0.0503	77	0.0613	136	0.0083
27	0.0053	78	0.0403	137	0.0053
28	-0.1317	79	0.0043	138	0.0433
29	-0.2717	80	-0.0257	139	0.0513
30	-0.2167	81	-0.1377	140	0.0483
32	0.0053	82	-0.3907	141	0.2383
33	0.0903	83	-0.0937	142	0.2353
34	0.0933	84	0.0083	143	0.2303
35	0.0953	85	0.0163	145	0.0053
36	0.0933	86	0.0153	147	0.2383
37	0.0853	87	-0.0127	151	0.0473
38	0.0773	88	-0.1007	152	-0.2107
39	0.0513	89	-0.3987	153	-0.2827
40	0.0023	90	-0.1677	154	-0.3547
41	-0.1167	91	0.0083	155	0.1183
42	-0.3067	92	0.0173	156	0.1003
43	-0.1127	93	-0.0187	157	-0.0877
44	0.1213	94	-0.0907	158	0.3593
45	0.1083	95	-0.3897	159	0.2323
46	0.0993	96	-0.1087	160	0.1683
47	0.1023	97	-0.3047	161	0.0373
48	0.0913	98	0.2373	162	0.3483
49	0.0813	99	0.2003	163	0.2343
50	0.0593	100	-0.1327	164	0.0443
51	0.0363	101	-0.4327	165	-0.0247

ORF	CP	ORF	CP	ORF	CP
166	0.4643	217	-0.0407	268	-0.2877
167	0.2283	218	0.0603	269	0.0673
168	0.1853	219	0.0973	270	0.1483
169	0.0583	220	0.0703	271	-0.3977
170	0.2963	221	-0.1997	272	-0.3137
171	0.1153	222	-0.1877	273	0.0803
172	-0.0837	223	0.2293	274	0.0643
173	0.0453	224	0.2883	275	0.4943
174	-0.0507	225	0.3233	276	0.4063
175	-0.2567	226	0.1803	277	0.2543
176	-0.3577	227	-0.3597	278	-0.8737
177	-0.1727	228	-0.3667	279	-0.8117
178	-0.2957	229	-0.3527	280	-0.6877
179	-0.2247	230	-0.2867	281	-0.4237
180	-0.3127	231	-0.0617	282	-0.1317
181	0.2573	232	0.0473	283	0.0063
182	0.4213	233	0.0823	284	0.0803
183	0.4723	234	0.0683	285	0.0553
184	0.6103	235	-0.0947	286	-0.4097
185	0.6213	236	-0.0447	287	-0.2407
186	0.6343	237	0.1633	288	0.0643
187	0.6683	238	0.1063	289	0.0563
188	0.7093	239	0.3903	290	0.1393
189	0.7433	240	0.2773	291	-0.5617
190	0.4063	241	-0.5797	292	0.0973
191	-0.3037	242	-0.5637	325	0.0923
192	-0.3217	244	-0.3487	326	0.0883
193	-0.3177	245	-0.1187	327	0.0913
194	-0.3007	246	0.0173	328	0.0933
195	-0.3167	247	0.0793	329	0.0913
196	-0.3277	248	0.0783	330	0.0903
197	-0.3097	249	-0.0737	331	0.0903
198	-0.3097	250	-0.0697	332	0.0913
199	-0.3037	251	0.0243	333	0.0943
200	-0.3017	252	0.0683	334	0.0913
201	-0.2987	253	0.4313	335	0.0923
202	-0.2937	254	0.2943	336	0.0893
203	-0.3027	255	-0.9447	337	0.0933
204	-0.2987	256	-0.8657	338	0.0863
205	0.4033	257	-0.8327	339	0.0903
206	0.4193	258	-0.5707	340	0.0933
207	0.4253	259	-0.1327	341	0.0923
208	0.4363	260	0.0243	350	0.0963
210	0.4643	261	0.0883	351	0.0973
211	0.3463	262	0.0893	352	0.0953
212	0.2203	263	-0.2047	353	0.0953
213	-0.4767	264	-0.1987	354	0.0963
214	-0.4277	265	0.0643	355	0.0943
215	-0.3937	266	0.1303		
216	-0.2837	267	-0.2477		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 664
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 38.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.052
TUNNEL DYNAMIC PRESSURE(PSF) = 721.
TUNNEL STAGNATION PRESSURE(PSF) = 1875.
TUNNEL STATIC PRESSURE(PSF) = 931.
REYNOLDS NUMBER PER FOOT = 3.9860E 06
MODEL ANGLE OF ATTACK(DEG) = 4.03
FIN ANGLE(DEG) = 0.42
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 546.

SCANIVALUE	CP(REF)
147	0.8737
247	0.8727
347	0.8727
447	0.8737
547	0.8727
647	0.8737
747	0.8727

ORF	CP	ORF	CP	ORF	CP
1	0.0927	52	-0.0613	102	-0.3823
2	-0.3203	53	-0.2703	103	-0.7483
3	-0.6073	54	-0.3983	104	-0.7043
4	-0.4193	55	-0.6493	105	-0.5953
5	-0.2903	56	-0.4363	110	-0.1513
6	-0.1723	57	-0.1303	111	-0.1733
7	-0.0853	58	0.0957	112	-0.1153
8	-0.0283	59	0.1137	113	-0.1133
9	0.0077	60	0.0567	114	0.0917
10	0.0247	61	0.0177	115	0.0927
11	0.0317	62	-0.0193	116	0.0947
12	0.0207	63	-0.0763	117	0.0927
13	-0.0043	64	-0.4223	118	0.0937
14	-0.1503	65	-0.4093	119	0.0927
15	-0.2643	66	-0.4393	120	-0.0153
16	-0.2633	67	-0.4093	121	0.0857
17	-0.4223	68	-0.3253	122	0.0917
18	-0.4403	69	-0.1813	123	0.0907
19	-0.2803	70	-0.0223	124	-0.0413
20	-0.1483	71	0.0187	125	-0.0623
21	-0.0653	72	-0.0013	126	-0.0183
22	-0.0073	73	-0.0703	127	-0.0463
23	0.0277	74	-0.4083	128	-0.1683
24	0.0407	75	-0.3423	129	-0.1313
25	0.0397	76	-0.3323	135	-0.0033
26	0.0177	77	-0.2993	136	-0.0023
27	-0.0333	78	-0.2493	137	-0.0043
28	-0.1663	79	-0.1983	138	0.0547
29	-0.3023	80	-0.1823	139	0.0477
30	-0.3823	81	-0.2353	140	0.0437
32	-0.3063	82	-0.3573	141	0.2377
33	-0.1383	83	-0.3173	142	0.2377
34	-0.0253	84	-0.3793	143	0.2347
35	0.0247	85	-0.3363	145	-0.0043
36	0.0527	86	-0.2523	147	0.2347
37	0.0557	87	-0.1933	151	0.0587
38	0.0417	88	-0.2033	152	-0.2273
39	0.0157	89	-0.3673	153	-0.3013
40	-0.0343	90	-0.4043	154	-0.3113
41	-0.1513	91	-0.3943	155	-0.0343
42	-0.3363	92	-0.3433	156	0.0657
43	-0.5663	93	-0.2793	157	-0.0953
44	-0.3973	94	-0.2743	158	0.2567
45	-0.1833	95	-0.3793	159	0.1597
46	0.0207	96	0.0167	160	0.0817
47	0.0787	97	-0.2903	161	-0.0443
48	0.0827	98	0.2917	162	0.2497
49	0.0587	99	0.2597	163	0.1507
50	0.0287	100	-0.1813	164	0.0457
51	-0.0123	101	-0.4413	165	-0.0793

ORF	CP	ORF	CP	ORF	CP
166	0.3657	217	-0.0403	268	-0.2933
167	0.1747	218	0.0437	269	0.0417
168	0.1397	219	0.0787	270	0.1027
169	0.0217	220	0.0537	271	-0.4103
170	0.2087	221	-0.2163	272	-0.2873
171	0.1007	222	-0.1883	273	0.0617
172	-0.0833	223	0.1737	274	0.0457
173	0.0447	224	0.2247	275	0.4727
174	-0.0523	225	0.3137	276	0.3287
175	-0.2093	226	0.1737	277	0.1827
176	-0.3273	227	-0.4553	278	-0.9133
177	-0.1773	228	-0.4533	279	-0.8603
178	-0.2663	229	-0.4383	280	-0.7573
179	-0.2493	230	-0.3453	281	-0.5563
180	-0.2973	231	-0.1303	282	-0.3033
181	0.2527	232	-0.0103	283	-0.1413
182	0.4117	233	0.0617	284	0.0127
183	0.3907	234	0.0497	285	0.0117
184	0.4977	235	-0.1093	286	-0.4253
185	0.5247	236	-0.0633	287	-0.2393
186	0.5447	237	0.1327	288	0.0437
187	0.6277	238	0.0957	289	0.0467
188	0.7107	239	0.4317	290	0.0997
189	0.7717	240	0.3197	291	-0.7673
190	0.4047	241	-0.9663	292	0.1247
191	-0.2973	242	-0.8753	325	0.0897
192	-0.3093	244	-0.5433	326	0.0897
193	-0.3153	245	-0.1943	327	0.0877
194	-0.3173	246	-0.0463	328	0.0887
195	-0.3183	247	0.0497	329	0.0887
196	-0.3293	248	0.0677	330	0.0867
197	-0.3013	249	-0.1103	331	0.0907
198	-0.3013	250	-0.1013	332	0.0887
199	-0.3063	251	0.0177	333	0.0897
200	-0.3073	252	0.0597	334	0.0887
201	-0.2883	253	0.3807	335	0.0887
202	-0.2863	254	0.2327	336	0.0867
203	-0.2863	255	-0.9893	337	0.0897
204	-0.2883	256	-0.9303	338	0.0897
205	0.3967	257	-0.8653	339	0.0887
206	0.4357	258	-0.7063	340	0.0887
207	0.4307	259	-0.2863	341	0.0887
208	0.4327	260	-0.0683	350	0.0887
210	0.4397	261	0.0327	351	0.0907
211	0.2827	262	0.0517	352	0.0907
212	0.1557	263	-0.2363	353	0.0897
213	-0.4813	264	-0.2193	354	0.0927
214	-0.4453	265	0.0317	355	0.0947
215	-0.4183	266	0.0887		
216	-0.2913	267	-0.2793		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 665
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 38.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.049
TUNNEL DYNAMIC PRESSURE(PSF) = 720.
TUNNEL STAGNATION PRESSURE(PSF) = 1874.
TUNNEL STATIC PRESSURE(PSF) = 934.
REYNOLDS NUMBER PER FOOT = 3.9800E 06
MODEL ANGLE OF ATTACK(DEG) = 6.01
FIN ANGLE(DEG) = 0.19
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 546.

SCANIVALUE	CP(REF)
147	0.8728
247	0.8718
347	0.8728
447	0.8728
547	0.8668
647	0.8668
747	0.8668

ORF	CP	ORF	CP	ORF	CP
1	-0.0772	52	-0.0902	102	-0.3932
2	-0.4142	53	-0.2972	103	-0.7592
3	-0.6002	54	-0.3762	104	-0.7112
4	-0.5032	55	-0.8142	105	-0.6072
5	-0.3872	56	-0.7242	110	-0.1552
6	-0.2942	57	-0.6302	111	-0.1762
7	-0.2152	58	-0.5192	112	-0.1282
8	-0.1472	59	-0.3762	113	-0.1312
9	-0.1062	60	-0.1572	114	0.0858
10	-0.0732	61	-0.0112	115	0.0838
11	-0.0472	62	-0.0082	116	0.0858
12	-0.0452	63	-0.0682	117	0.0848
13	-0.0632	64	-0.3932	118	0.0828
14	-0.1982	65	-0.3792	119	0.0878
15	-0.3092	66	-0.7292	120	-0.1172
16	-0.4362	67	-0.6952	121	0.0728
17	-0.5132	68	-0.6402	122	0.0858
18	-0.5282	69	-0.5932	123	0.0908
19	-0.4302	70	-0.5262	124	-0.0592
20	-0.3382	71	-0.4142	125	-0.0722
21	-0.2512	72	-0.2282	126	-0.0272
22	-0.1622	73	-0.1032	127	-0.0562
23	-0.1112	74	-0.2992	128	-0.1442
24	-0.0802	75	-0.6012	129	-0.1262
25	-0.0602	76	-0.5962	135	-0.0232
26	-0.0572	77	-0.6302	136	-0.0182
27	-0.0902	78	-0.6052	137	-0.0182
28	-0.2092	79	-0.5812	138	0.0388
29	-0.3312	80	-0.5512	139	0.0298
30	-0.6762	81	-0.5022	140	0.0438
32	-0.4742	82	-0.5072	141	0.2368
33	-0.3742	83	-0.4692	142	0.2328
34	-0.2442	84	-0.5872	143	0.2268
35	-0.1492	85	-0.5992	145	-0.0242
36	-0.0972	86	-0.6032	147	0.2298
37	-0.0672	87	-0.5902	151	0.0548
38	-0.0602	88	-0.5882	152	-0.2522
39	-0.0632	89	-0.5842	153	-0.3132
40	-0.1002	90	-0.5232	154	-0.2852
41	-0.2112	91	-0.5212	155	-0.0832
42	-0.3542	92	-0.5372	156	-0.0012
43	-0.8162	93	-0.5632	157	-0.1292
44	-0.6862	94	-0.5962	158	0.1878
45	-0.5632	95	-0.5682	159	0.1068
46	-0.3762	96	0.1258	160	0.0368
47	-0.2142	97	-0.2672	161	-0.0842
48	-0.1092	98	0.3488	162	0.2278
49	-0.0502	99	0.3008	163	0.1298
50	-0.0302	100	-0.2002	164	0.0268
51	-0.0462	101	-0.4522	165	-0.1032

ORF	CP	ORF	CP	ORF	CP
166	0.3448	217	-0.0832	268	-0.2912
167	0.1648	218	0.0018	269	0.0078
168	0.1288	219	0.0438	270	0.0638
169	0.0158	220	0.0228	271	-0.4262
170	0.1558	221	-0.2372	272	-0.2782
171	0.0928	222	-0.2132	273	0.0358
172	-0.0892	223	0.1318	274	0.0218
173	0.0318	224	0.1968	275	0.4398
174	-0.0642	225	0.2918	276	0.2538
175	-0.2172	226	0.1448	277	0.1208
176	-0.3192	227	-0.5312	278	-0.9372
177	-0.2122	228	-0.5282	279	-0.8672
178	-0.2902	229	-0.4882	280	-0.7542
179	-0.2652	230	-0.3942	281	-0.5682
180	-0.2912	231	-0.1902	282	-0.4082
181	0.2138	232	-0.0532	283	-0.2562
182	0.3498	233	0.0218	284	-0.0912
183	0.3658	234	0.0138	285	-0.0582
184	0.4968	235	-0.1432	286	-0.4382
185	0.5288	236	-0.0942	287	-0.2732
186	0.5788	237	0.1008	288	0.0308
187	0.6698	238	0.0728	289	0.0508
188	0.7938	239	0.3898	290	0.0548
189	0.8278	240	0.2808	291	-0.8432
190	0.4338	241	-0.9732	292	0.1708
191	-0.2972	242	-0.8712	325	0.0868
192	-0.2912	244	-0.6042	326	0.0878
193	-0.3032	245	-0.2532	327	0.0868
194	-0.2942	246	-0.1102	328	0.0848
195	-0.3132	247	-0.0172	329	0.0848
196	-0.3262	248	0.0088	330	0.0838
197	-0.2992	249	-0.1482	331	0.0878
198	-0.3012	250	-0.1332	332	0.0878
199	-0.2942	251	-0.0272	333	0.0858
200	-0.2982	252	0.0138	334	0.0858
201	-0.2862	253	0.3138	335	0.0838
202	-0.2812	254	0.1698	336	0.0868
203	-0.2842	255	-1.0042	337	0.0888
204	-0.2902	256	-0.9432	338	0.0888
205	0.3678	257	-0.8772	339	0.0878
206	0.4188	258	-0.6532	340	0.0858
207	0.4018	259	-0.3042	341	0.0858
208	0.4068	260	-0.1872	350	0.0898
210	0.3978	261	-0.0692	351	0.0868
211	0.2388	262	-0.0182	352	0.0868
212	0.1178	263	-0.2732	353	0.0868
213	-0.5132	264	-0.2322	354	0.0858
214	-0.4742	265	-0.0102	355	0.0828
215	-0.4482	266	0.0438		
216	-0.3122	267	-0.3192		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 666
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 38.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.055
TUNNEL DYNAMIC PRESSURE(PSF) = 723.
TUNNEL STAGNATION PRESSURE(PSF) = 1875.
TUNNEL STATIC PRESSURE(PSF) = 928.
REYNOLDS NUMBER PER FOOT = 3.9860E 06
MODEL ANGLE OF ATTACK(DEG) = 7.92
FIN ANGLE(DEG) = 0.13
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 546.

SCANIVALUE	CP(REF)
147	0.8765
247	0.8755
347	0.8755
447	0.8765
547	0.8835
647	0.8835
747	0.8825

ORF	CP	ORF	CP	ORF	CP
1	-0.2025	52	-0.1425	102	-0.4325
2	-0.5285	53	-0.3155	103	-0.7545
3	-0.6135	54	-0.3695	104	-0.7155
4	-0.5855	55	-0.9345	105	-0.6075
5	-0.5345	56	-0.8925	110	-0.1335
6	-0.4825	57	-0.8125	111	-0.1595
7	-0.3745	58	-0.7325	112	-0.1155
8	-0.2975	59	-0.6505	113	-0.1365
9	-0.1965	60	-0.5695	114	0.1025
10	-0.1335	61	-0.4685	115	0.1055
11	-0.0925	62	-0.3175	116	0.1015
12	-0.0705	63	-0.2025	117	0.1005
13	-0.0745	64	-0.3365	118	0.1035
14	-0.2015	65	-0.3355	119	0.1045
15	-0.3225	66	-0.8445	120	-0.0035
16	-0.5745	67	-0.8745	121	0.0975
17	-0.6175	68	-0.8315	122	0.1025
18	-0.6235	69	-0.8005	123	0.1025
19	-0.5925	70	-0.7555	124	-0.0505
20	-0.5445	71	-0.7065	125	-0.0625
21	-0.4735	72	-0.6785	126	-0.0405
22	-0.3905	73	-0.6265	127	-0.0535
23	-0.2985	74	-0.5495	128	-0.1415
24	-0.2075	75	-0.7765	129	-0.1025
25	-0.1475	76	-0.7795	135	-0.0215
26	-0.1045	77	-0.8005	136	-0.0195
27	-0.0945	78	-0.7885	137	-0.0155
28	-0.2025	79	-0.7785	138	0.0645
29	-0.3475	80	-0.7715	139	0.0535
30	-0.7865	81	-0.7445	140	0.0615
32	-0.6245	82	-0.6455	141	0.2515
33	-0.5555	83	-0.6085	142	0.2345
34	-0.4885	84	-0.7625	143	0.2265
35	-0.3845	85	-0.7895	145	-0.0215
36	-0.2585	86	-0.7885	147	0.2375
37	-0.2015	87	-0.7425	151	0.0195
38	-0.1475	88	-0.6775	152	-0.2515
39	-0.1295	89	-0.6015	153	-0.2865
40	-0.1485	90	-0.6685	154	-0.2725
41	-0.2525	91	-0.6295	155	-0.0935
42	-0.3755	92	-0.6065	156	-0.0345
43	-0.9205	93	-0.5845	157	-0.1415
44	-0.8575	94	-0.5615	158	0.1285
45	-0.7785	95	-0.5385	159	0.0665
46	-0.6795	96	0.1845	160	0.0075
47	-0.5475	97	-0.2595	161	-0.0995
48	-0.4115	98	0.4015	162	0.1925
49	-0.2735	99	0.3445	163	0.0975
50	-0.1635	100	-0.2005	164	0.0485
51	-0.1165	101	-0.4845	165	-0.1055

ORF	CP	ORF	CP	ORF	CP
166	0.3125	217	-0.0575	268	-0.3475
167	0.1645	218	0.0125	269	-0.0015
168	0.1295	219	0.0385	270	0.0545
169	0.0255	220	0.0125	271	-0.4575
170	0.1315	221	-0.2555	272	-0.3225
171	0.1185	222	-0.2385	273	0.0425
172	-0.0705	223	0.0835	274	0.0395
173	0.0265	224	0.1615	275	0.4295
174	-0.0725	225	0.2895	276	0.2015
175	-0.2195	226	0.1425	277	0.0715
176	-0.3145	227	-0.5855	278	-0.9365
177	-0.2335	228	-0.5515	279	-0.8645
178	-0.3295	229	-0.5135	280	-0.7385
179	-0.2715	230	-0.4045	281	-0.5735
180	-0.2675	231	-0.1945	282	-0.5005
181	0.1605	232	-0.0605	283	-0.4405
182	0.3085	233	0.0035	284	-0.1685
183	0.3625	234	0.0065	285	-0.0775
184	0.5005	235	-0.1605	286	-0.4695
185	0.5455	236	-0.1245	287	-0.3255
186	0.5835	237	0.0895	288	0.0495
187	0.6905	238	0.0665	289	0.0975
188	0.7785	239	0.3755	290	0.0345
189	0.8185	240	0.2565	291	-0.8275
190	0.5055	241	-0.9675	292	0.2235
191	-0.2985	242	-0.8785	325	0.1005
192	-0.2925	244	-0.5815	326	0.1025
193	-0.3005	245	-0.2915	327	0.1025
194	-0.2945	246	-0.1625	328	0.1005
195	-0.3095	247	-0.0735	329	0.0995
196	-0.3065	248	-0.0195	330	0.1025
197	-0.2825	249	-0.1745	331	0.1025
198	-0.2845	250	-0.1735	332	0.1045
199	-0.2805	251	-0.0425	333	0.1015
200	-0.2955	252	-0.0015	334	0.1015
201	-0.2815	253	0.2935	335	0.1025
202	-0.2695	254	0.1605	336	0.1035
203	-0.2715	255	-0.9905	337	0.1005
204	-0.2745	256	-0.9285	338	0.1035
205	0.3675	257	-0.8575	339	0.1025
206	0.4345	258	-0.6405	340	0.1005
207	0.3905	259	-0.4795	341	0.1005
208	0.3945	260	-0.3465	350	0.1005
210	0.3695	261	-0.1415	351	0.0995
211	0.2315	262	-0.0495	352	0.1025
212	0.1005	263	-0.3095	353	0.1015
213	-0.4875	264	-0.2815	354	0.1015
214	-0.4585	265	-0.0235	355	0.1035
215	-0.4175	266	0.0295		
216	-0.2565	267	-0.3495		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 667
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 38.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.053
TUNNEL DYNAMIC PRESSURE(PSF) = 722.
TUNNEL STAGNATION PRESSURE(PSF) = 1875.
TUNNEL STATIC PRESSURE(PSF) = 930.
REYNOLDS NUMBER PER FOOT = 3.9820E 06
MODEL ANGLE OF ATTACK(DEG) = 11.99
FIN ANGLE(DEG) = 0.26
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 546.

SCANIVALUE	CP(REF)
147	0.8749
247	0.8739
347	0.8749
447	0.8749
547	0.8779
647	0.8769
747	0.8769

ORF	CP	ORF	CP	ORF	CP
1	-0.4881	52	-0.5011	102	-0.5001
2	-0.7351	53	-0.4981	103	-0.8431
3	-0.6901	54	-0.4731	104	-0.8081
4	-0.6991	55	-1.0351	105	-0.6351
5	-0.6931	56	-1.0261	110	-0.1281
6	-0.6571	57	-1.0131	111	-0.1571
7	-0.6051	58	-0.9791	112	-0.1231
8	-0.5561	59	-0.9241	113	-0.1721
9	-0.5121	60	-0.8881	114	0.0929
10	-0.4401	61	-0.8591	115	0.0929
11	-0.3431	62	-0.8391	116	0.0899
12	-0.2321	63	-0.8341	117	0.0929
13	-0.1551	64	-0.8381	118	0.0889
14	-0.2511	65	-0.8481	119	0.0939
15	-0.3561	66	-0.9131	120	-0.0031
16	-0.7851	67	-0.8861	121	0.0899
17	-0.8741	68	-0.8641	122	0.0939
18	-0.8871	69	-0.8531	123	0.0919
19	-0.8611	70	-0.8261	124	-0.0821
20	-0.8391	71	-0.7951	125	-0.1081
21	-0.8021	72	-0.7801	126	-0.0721
22	-0.7701	73	-0.7391	127	-0.0901
23	-0.7201	74	-0.7071	128	-0.1601
24	-0.6291	75	-0.8391	129	-0.1251
25	-0.5111	76	-0.8111	135	-0.0821
26	-0.3421	77	-0.7941	136	-0.0881
27	-0.2061	78	-0.7721	137	-0.0831
28	-0.2181	79	-0.7461	138	0.0509
29	-0.3461	80	-0.7251	139	0.0529
30	-0.9831	81	-0.7091	140	0.0629
32	-0.9201	82	-0.6851	141	0.2269
33	-0.8721	83	-0.6361	142	0.1999
34	-0.8031	84	-0.7471	143	0.1969
35	-0.7401	85	-0.7351	145	-0.0851
36	-0.6821	86	-0.7201	147	0.1899
37	-0.6151	87	-0.7051	151	-0.0351
38	-0.5161	88	-0.6851	152	-0.2431
39	-0.4061	89	-0.6611	153	-0.2671
40	-0.3621	90	-0.7041	154	-0.2491
41	-0.3901	91	-0.7011	155	-0.0971
42	-0.4491	92	-0.6951	156	-0.0911
43	-1.0381	93	-0.6791	157	-0.1791
44	-1.0431	94	-0.6631	158	0.0789
45	-1.0241	95	-0.6551	159	-0.0241
46	-0.9931	96	0.3069	160	-0.0781
47	-0.9481	97	-0.2141	161	-0.1551
48	-0.8851	98	0.4999	162	0.1189
49	-0.7961	99	0.4069	163	0.0289
50	-0.6871	100	-0.1431	164	0.0469
51	-0.5911	101	-0.5301	165	-0.1441

ORF	CP	ORF	CP	ORF	CP
166	0.2869	217	-0.0561	268	-0.3481
167	0.1489	218	-0.0281	269	-0.0011
168	0.1059	219	-0.0291	270	0.0509
169	0.0139	220	-0.0431	271	-0.5001
170	0.1189	221	-0.3461	272	-0.3131
171	0.1069	222	-0.3251	273	0.0499
172	-0.0861	223	-0.0031	274	0.0439
173	-0.0101	224	0.0959	275	0.2979
174	-0.1011	225	0.2409	276	-0.0551
175	-0.2511	226	0.0949	277	-0.1071
176	-0.3141	227	-0.6031	278	-0.9761
177	-0.2751	228	-0.6061	279	-0.9121
178	-0.3151	229	-0.5191	280	-0.8171
179	-0.2441	230	-0.4191	281	-0.7001
180	-0.2691	231	-0.2351	282	-0.6121
181	0.0639	232	-0.1381	283	-0.6341
182	0.2009	233	-0.0811	284	-0.4641
183	0.3669	234	-0.0801	285	-0.1671
184	0.5429	235	-0.2531	286	-0.5201
185	0.5829	236	-0.1951	287	-0.3721
186	0.6149	237	0.0519	288	0.0619
187	0.7359	238	0.0289	289	0.1409
188	0.7889	239	0.2089	290	0.0309
189	0.8459	240	0.1249	291	-0.8341
190	0.5849	241	-0.9051	292	0.2499
191	-0.3251	242	-0.8231	325	0.0839
192	-0.3251	244	-0.4691	326	0.0869
193	-0.3401	245	-0.3291	327	0.0909
194	-0.3461	246	-0.2721	328	0.0889
195	-0.3601	247	-0.2031	329	0.0859
196	-0.3251	248	-0.1361	330	0.0849
197	-0.3141	249	-0.2541	331	0.0859
198	-0.3211	250	-0.2271	332	0.0939
199	-0.3181	251	-0.1011	333	0.0909
200	-0.3351	252	-0.0651	334	0.0869
201	-0.3111	253	0.2219	335	0.0859
202	-0.2991	254	0.1089	336	0.0899
203	-0.3121	255	-0.9911	337	0.0859
204	-0.3241	256	-0.9101	338	0.0859
205	0.2249	257	-0.8311	339	0.0909
206	0.3499	258	-0.6781	340	0.0889
207	0.2459	259	-0.6211	341	0.0869
208	0.2699	260	-0.5641	350	0.0919
210	0.2259	261	-0.3951	351	0.0929
211	0.2229	262	-0.1431	352	0.0959
212	0.1129	263	-0.3861	353	0.0939
213	-0.5711	264	-0.3221	354	0.0929
214	-0.4311	265	-0.0491	355	0.0919
215	-0.3161	266	0.0289		
216	-0.1481	267	-0.4121		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 668
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 38.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.052
TUNNEL DYNAMIC PRESSURE(PSF) = 722.
TUNNEL STAGNATION PRESSURE(PSF) = 1876.
TUNNEL STATIC PRESSURE(PSF) = 932.
REYNOLDS NUMBER PER FOOT = 3.9850E 06
MODEL ANGLE OF ATTACK(DEG) = 14.16
FIN ANGLE(DEG) = 0.42
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 546.

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

ORF	CP	ORF	CP	ORF	CP
1	-0.6009	52	-0.7869	102	-0.6179
2	-0.7489	53	-0.7119	103	-0.8689
3	-0.7239	54	-0.7009	104	-0.8019
4	-0.7589	55	-0.9139	105	-0.6309
5	-0.7479	56	-0.9049	110	-0.1369
6	-0.7319	57	-0.8999	111	-0.1659
7	-0.7159	58	-0.8769	112	-0.1349
8	-0.6769	59	-0.8579	113	-0.1949
9	-0.6379	60	-0.8379	114	0.0801
10	-0.5889	61	-0.8169	115	0.0791
11	-0.5009	62	-0.7929	116	0.0821
12	-0.2769	63	-0.7679	117	0.0801
13	-0.1469	64	-0.7559	118	0.0801
14	-0.2269	65	-0.7509	119	0.0791
15	-0.3219	66	-0.8549	120	-0.0409
16	-0.8689	67	-0.8529	121	0.0741
17	-0.9729	68	-0.8419	122	0.0801
18	-1.0229	69	-0.8299	123	0.0791
19	-0.9959	70	-0.8209	124	-0.1099
20	-0.9449	71	-0.8079	125	-0.1299
21	-0.9179	72	-0.7959	126	-0.0969
22	-0.8989	73	-0.7759	127	-0.1139
23	-0.8589	74	-0.7389	128	-0.1879
24	-0.7949	75	-0.8039	129	-0.1589
25	-0.7059	76	-0.7879	135	-0.1059
26	-0.5109	77	-0.7819	136	-0.1179
27	-0.2979	78	-0.7689	137	-0.1249
28	-0.2599	79	-0.7549	138	0.0491
29	-0.3629	80	-0.7399	139	0.0471
30	-1.0439	81	-0.7339	140	0.0541
32	-1.0089	82	-0.7099	141	0.2061
33	-0.9769	83	-0.6309	142	0.1771
34	-0.9259	84	-0.7419	143	0.1931
35	-0.8759	85	-0.7299	145	-0.1219
36	-0.8269	86	-0.7159	147	0.1791
37	-0.7819	87	-0.7059	151	-0.0959
38	-0.6899	88	-0.6949	152	-0.2809
39	-0.5649	89	-0.6799	153	-0.2649
40	-0.5009	90	-0.6829	154	-0.2499
41	-0.5669	91	-0.6819	155	-0.1319
42	-0.6639	92	-0.6729	156	-0.1089
43	-0.9729	93	-0.6659	157	-0.1859
44	-0.9519	94	-0.6439	158	0.0831
45	-0.9309	95	-0.6329	159	-0.0489
46	-0.9259	96	0.3691	160	-0.0979
47	-0.9109	97	-0.1969	161	-0.1629
48	-0.8829	98	0.5341	162	0.1141
49	-0.8499	99	0.4461	163	0.0131
50	-0.8209	100	-0.1209	164	0.0471
51	-0.7879	101	-0.6319	165	-0.1499

ORF	CP	ORF	CP	ORF	CP
166	0.2611	217	-0.0809	268	-0.5099
167	0.0951	218	-0.0589	269	-0.0589
168	0.0571	219	-0.0769	270	0.0721
169	-0.0259	220	-0.0959	271	-0.5659
170	0.0491	221	-0.3639	272	-0.3319
171	0.0121	222	-0.3419	273	0.0381
172	-0.1379	223	-0.0269	274	0.0441
173	-0.0399	224	0.0791	275	0.2161
174	-0.1289	225	0.1911	276	-0.2069
175	-0.2369	226	0.0411	277	-0.2269
176	-0.3029	227	-0.5079	278	-1.0089
177	-0.3069	228	-0.4999	279	-0.9709
178	-0.3459	229	-0.4869	280	-0.8879
179	-0.2889	230	-0.3829	281	-0.8189
180	-0.2819	231	-0.1939	282	-0.6889
181	0.0381	232	-0.1379	283	-0.7019
182	0.1631	233	-0.1279	284	-0.6239
183	0.3011	234	-0.1189	285	-0.2139
184	0.4311	235	-0.2649	286	-0.6199
185	0.4631	236	-0.2039	287	-0.3559
186	0.4521	237	-0.0029	288	0.0451
187	0.5141	238	-0.0219	289	0.1461
188	0.5621	239	0.1341	290	0.0111
189	0.5871	240	0.0601	291	-0.8419
190	0.6101	241	-0.9109	292	0.2551
191	-0.3329	242	-0.8019	325	0.0751
192	-0.3199	244	-0.4689	326	0.0781
193	-0.3379	245	-0.3599	327	0.0821
194	-0.3399	246	-0.3149	328	0.0801
195	-0.3559	247	-0.2609	329	0.0771
196	-0.3229	248	-0.1409	330	0.0791
197	-0.3089	249	-0.2549	331	0.0791
198	-0.3159	250	-0.2779	332	0.0841
199	-0.3169	251	-0.1069	333	0.0821
200	-0.3429	252	-0.0349	334	0.0801
201	-0.3199	253	0.2201	335	0.0821
202	-0.3049	254	0.1411	336	0.0771
203	-0.3199	255	-0.9919	337	0.0781
204	-0.3289	256	-0.9259	338	0.0791
205	0.1101	257	-0.8709	339	0.0831
206	0.2821	258	-0.7689	340	0.0821
207	0.1421	259	-0.7229	341	0.0791
208	0.1821	260	-0.7079	350	0.0771
210	0.2071	261	-0.5339	351	0.0801
211	0.2041	262	-0.1889	352	0.0791
212	0.0841	263	-0.3659	353	0.0811
213	-0.5579	264	-0.4739	354	0.0761
214	-0.4679	265	-0.0449	355	0.0801
215	-0.3689	266	0.0061		
216	-0.1879	267	-0.4059		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 669
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 38.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.051
TUNNEL DYNAMIC PRESSURE(PSF) = 720.
TUNNEL STAGNATION PRESSURE(PSF) = 1873.
TUNNEL STATIC PRESSURE(PSF) = 932.
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) = 545.

SCANIVALUE	CP(REF)
147	0.8746
247	0.8726
347	0.8736
447	0.8736
547	0.8706
647	0.8696
747	0.8696

ORF	CP	ORF	CP	ORF	CP
1	0.1936	52	0.0156	102	-0.3924
2	-0.2024	53	-0.2034	103	-0.7204
3	-0.2864	54	-0.3734	104	-0.7014
4	-0.1664	55	0.2096	105	-0.5714
5	-0.0464	56	0.1836	110	-0.1604
6	0.0146	57	0.1726	111	-0.1894
7	0.0636	58	0.1556	112	-0.1134
8	0.0856	59	0.1366	113	-0.1154
9	0.0976	60	0.1166	114	0.0936
10	0.0996	61	0.0916	115	0.0966
11	0.0936	62	0.0556	116	0.0956
12	0.0776	63	-0.0044	117	0.0946
13	0.0416	64	-0.3724	118	0.0956
14	-0.1024	65	-0.3764	119	0.0996
15	-0.2214	66	0.2046	120	-0.0454
16	-0.0834	67	0.1796	121	0.0896
17	-0.1164	68	0.1596	122	0.0936
18	-0.0134	69	0.1366	123	0.0956
19	0.0356	70	0.1106	124	-0.0234
20	0.0666	71	0.0796	125	-0.0424
21	0.0936	72	0.0376	126	0.0066
22	0.1046	73	-0.0454	127	-0.0194
23	0.1086	74	-0.3914	128	-0.1734
24	0.1056	75	0.1966	129	-0.1384
25	0.0936	76	0.1666	135	0.0066
26	0.0776	77	0.1296	136	0.0096
27	0.0316	78	0.0956	137	0.0096
28	-0.0994	79	0.0486	138	0.0466
29	-0.2564	80	0.0036	139	0.0546
30	0.0096	81	-0.1144	140	0.0546
32	0.0936	82	-0.4014	141	0.2266
33	0.1086	83	0.1626	142	0.2336
34	0.1196	84	0.1306	143	0.2276
35	0.1246	85	0.0716	145	0.0046
36	0.1216	86	0.0426	147	0.2316
37	0.1176	87	-0.0014	151	0.0356
38	0.1036	88	-0.0844	152	-0.2174
39	0.0756	89	-0.4124	153	-0.2924
40	0.0316	90	0.0756	154	-0.3754
41	-0.0734	91	0.0666	155	0.1466
42	-0.3134	92	0.0266	156	0.1136
43	0.1636	93	-0.0104	157	-0.0614
44	0.1576	94	-0.0734	158	0.4266
45	0.1536	95	-0.4124	159	0.2746
46	0.1506	96	-0.2464	160	0.2146
47	0.1436	97	-0.3484	161	0.1026
48	0.1316	98	0.1746	162	0.4006
49	0.1176	99	0.1416	163	0.2976
50	0.0996	100	-0.0994	164	0.0516
51	0.0636	101	-0.4514	165	0.0186

ORF	CP	ORF	CP	ORF	CP
166	0.4726	217	-0.0754	268	-0.2864
167	0.2936	218	0.0436	269	0.0416
168	0.2366	219	0.1006	270	0.1456
169	0.0996	220	0.0766	271	-0.4124
170	0.3416	221	-0.1914	272	-0.3824
171	0.1896	222	-0.2014	273	0.0736
172	-0.0394	223	0.2466	274	0.0746
173	0.0716	224	0.3166	275	0.4916
174	-0.0424	225	0.3906	276	0.4096
175	-0.2764	226	0.2226	277	0.2766
176	-0.3944	227	-0.4074	278	-0.5744
177	-0.2014	228	-0.4094	279	-0.5364
178	-0.3294	229	-0.4034	280	-0.4704
179	-0.2524	230	-0.3154	281	-0.3244
180	-0.3124	231	-0.1194	282	-0.0914
181	0.3106	232	0.0286	283	0.0316
182	0.4856	233	0.0946	284	0.1056
183	0.5066	234	0.0826	285	0.0636
184	0.6686	235	-0.1004	286	-0.4344
185	0.7166	236	-0.0454	287	-0.2724
186	0.8246	237	0.1856	288	0.0916
187	0.8786	238	0.1436	289	0.0846
188	0.9356	239	0.3716	290	0.1106
189	1.0056	240	0.2506	291	-0.4244
190	0.3716	241	-0.4364	292	0.0836
191	-0.2984	242	-0.4354	325	0.0966
192	-0.3284	244	-0.2404	326	0.0946
193	-0.3344	245	-0.0274	327	0.0936
194	-0.3184	246	0.0416	328	0.0976
195	-0.3164	247	0.0766	329	0.0946
196	-0.3284	248	0.0696	330	0.0956
197	-0.3104	249	-0.0704	331	0.0946
198	-0.3104	250	-0.0724	332	0.0936
199	-0.3074	251	-0.0004	333	0.0976
200	-0.3064	252	0.0266	334	0.0946
201	-0.3004	253	0.3536	335	0.0956
202	-0.3054	254	0.2166	336	0.0976
203	-0.2994	255	-0.4214	337	0.0976
204	-0.2964	256	-0.4214	338	0.0946
205	0.3816	257	-0.3924	339	0.0946
206	0.4106	258	-0.3234	340	0.0976
207	0.4086	259	-0.1124	341	0.0946
208	0.4046	260	0.0286	350	0.0986
210	0.4926	261	0.0926	351	0.0926
211	0.4156	262	0.0826	352	0.0946
212	0.2626	263	-0.1764	353	0.0956
213	-0.5644	264	-0.1824	354	0.0956
214	-0.4764	265	0.0276	355	0.0926
215	-0.4214	266	0.1156		
216	-0.3054	267	-0.2264		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 670
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 37.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.001
TUNNEL DYNAMIC PRESSURE(PSF) = 699.
TUNNEL STAGNATION PRESSURE(PSF) = 1890.
TUNNEL STATIC PRESSURE(PSF) = 997.
REYNOLDS NUMBER PER FOOT = 3.9810E 06
MODEL ANGLE OF ATTACK(DEG) = -14.22
FIN ANGLE(DEG) = 0.43
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 544.

SCANIVALUE	CP(REF)
147	0.8077
247	0.8057
347	0.8067
447	0.8067
547	0.8067
647	0.8067
747	0.8077

ORF	CP	ORF	CP	ORF	CP
1	0.5447	52	0.1447	102	-0.5923
2	0.1627	53	-0.1593	103	-0.8613
3	0.2327	54	-0.1233	104	-0.8013
4	0.3367	55	0.5877	105	-0.6403
5	0.3637	56	0.5267	110	-0.1933
6	0.3657	57	0.4827	111	-0.1823
7	0.3627	58	0.4347	112	-0.1283
8	0.3567	59	0.3877	113	-0.1163
9	0.3477	60	0.3387	114	0.1007
10	0.3337	61	0.2797	115	0.0997
11	0.3147	62	0.2057	116	0.1007
12	0.2897	63	0.0917	117	0.1007
13	0.2477	64	-0.2493	118	0.1027
14	0.0467	65	-0.1313	119	0.1017
15	-0.0883	66	0.5597	120	-0.0823
16	0.4837	67	0.4977	121	0.0947
17	0.4537	68	0.4437	122	0.1017
18	0.4437	69	0.3897	123	0.1007
19	0.4297	70	0.3277	124	-0.1013
20	0.4077	71	0.2627	125	-0.1633
21	0.3927	72	0.1757	126	-0.1093
22	0.3787	73	0.0327	127	-0.1393
23	0.3587	74	-0.1643	128	-0.3073
24	0.3397	75	0.5307	129	-0.2373
25	0.3167	76	0.4567	135	-0.0613
26	0.2817	77	0.3837	136	-0.0783
27	0.2177	78	0.3137	137	-0.0563
28	0.0377	79	0.2277	138	0.0787
29	-0.1213	80	0.1217	139	0.0707
30	0.5667	81	-0.0743	140	0.0907
32	0.4837	82	-0.2003	141	0.2437
33	0.4557	83	0.4567	142	0.1547
34	0.4277	84	0.4027	143	0.1967
35	0.4017	85	0.3087	145	-0.0803
36	0.3797	86	0.2007	147	0.1487
37	0.3527	87	0.0857	151	0.1447
38	0.3177	88	-0.0763	152	-0.1553
39	0.2737	89	-0.2483	153	-0.1883
40	0.2017	90	0.3827	154	-0.3353
41	0.0377	91	0.1957	155	0.0987
42	-0.1263	92	0.0667	156	0.2767
43	0.5927	93	-0.0393	157	0.0537
44	0.5407	94	-0.1643	158	0.6667
45	0.4957	95	-0.3423	159	0.3697
46	0.4597	96	-0.8303	160	0.3437
47	0.4227	97	-0.7433	161	0.2017
48	0.3897	98	-0.9753	162	0.6167
49	0.3477	99	-0.8053	163	0.4307
50	0.2997	100	-0.6343	164	0.0697
51	0.2347	101	-0.6203	165	0.1007

ORF	CP	ORF	CP	ORF	CP
166	0.4567	217	-0.6513	268	-0.3873
167	0.3447	218	-0.5523	269	0.1057
168	0.2557	219	-0.0453	270	0.2797
169	0.0657	220	0.0407	271	-0.5303
170	0.4407	221	-0.1313	272	-0.5633
171	0.1487	222	-0.0773	273	0.0907
172	-0.0813	223	0.3327	274	0.0927
173	0.1547	224	0.3497	275	0.1667
174	0.0457	225	0.2987	276	0.7927
175	-0.2413	226	0.1687	277	0.5907
176	-0.4143	227	-1.0813	278	-0.4483
177	-0.1343	228	-1.0173	279	-0.3763
178	-0.2843	229	-0.9483	280	-0.2013
179	-0.2443	230	-0.7733	281	0.1947
180	-0.3103	231	-0.5333	282	0.3817
181	0.5617	232	-0.2893	283	0.3597
182	0.7367	233	-0.0593	284	0.3497
183	0.3597	234	0.0287	285	0.2617
184	0.5187	235	-0.0763	286	-0.6143
185	0.6407	236	0.0537	287	-0.4843
186	0.8727	237	0.2367	288	0.0187
187	1.0177	238	0.2377	289	0.0067
188	1.0787	239	0.3217	290	0.2587
189	1.0967	240	0.2287	291	-0.5233
190	0.0697	241	-0.7253	292	-0.2853
191	-0.2283	242	-0.6653	325	0.0997
192	-0.3013	244	-0.4703	326	0.0997
193	-0.2813	245	-0.2853	327	0.1007
194	-0.2573	246	-0.1333	328	0.0997
195	-0.2963	247	0.0347	329	0.0977
196	-0.3063	248	0.0997	330	0.1007
197	-0.2823	249	-0.0223	331	0.0997
198	-0.2813	250	-0.0253	332	0.1007
199	-0.2883	251	0.0677	333	0.1007
200	-0.2623	252	0.1067	334	0.0987
201	-0.2713	253	0.5637	335	0.1007
202	-0.2883	254	0.3467	336	0.0997
203	-0.2803	255	-0.4613	337	0.0997
204	-0.2743	256	-0.4263	338	0.0997
205	0.0797	257	-0.3743	339	0.1007
206	0.0507	258	-0.2233	340	0.0997
207	0.0817	259	-0.0113	341	0.0987
208	0.1197	260	0.0987	350	0.0997
210	0.5757	261	0.1917	351	0.0987
211	0.1437	262	0.2287	352	0.1007
212	0.1087	263	-0.1113	353	0.1017
213	-0.9383	264	-0.2293	354	0.1007
214	-0.9083	265	0.1097	355	0.1017
215	-0.8173	266	0.2457		
216	-0.6383	267	-0.1453		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 671
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 37.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.005
TUNNEL DYNAMIC PRESSURE(PSF) = 702.
TUNNEL STAGNATION PRESSURE(PSF) = 1890.
TUNNEL STATIC PRESSURE(PSF) = 992.
REYNOLDS NUMBER PER FOOT = 3.9880E 06
MODEL ANGLE OF ATTACK(DEG) = -12.11
FIN ANGLE(DEG) = 0.30
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 544.

SCANIVALUE	CP(REF)
147	0.8099
247	0.8099
347	0.8089
447	0.8099
547	0.8089
647	0.8089
747	0.8089

ORF	CP	ORF	CP	ORF	CP
1	0.4679	52	0.1209	102	-0.5041
2	0.1549	53	-0.1701	103	-0.8681
3	0.2059	54	-0.1621	104	-0.8361
4	0.2679	55	0.5459	105	-0.6471
5	0.2919	56	0.4859	110	-0.1891
6	0.2959	57	0.4419	111	-0.1951
7	0.3059	58	0.3969	112	-0.1321
8	0.3009	59	0.3539	113	-0.1111
9	0.2939	60	0.3089	114	0.1009
10	0.2859	61	0.2509	115	0.1009
11	0.2699	62	0.1809	116	0.0989
12	0.2439	63	0.0749	117	0.1019
13	0.2049	64	-0.3421	118	0.0999
14	0.0109	65	-0.1581	119	0.0999
15	-0.1141	66	0.5259	120	-0.0231
16	0.4209	67	0.4629	121	0.0949
17	0.3829	68	0.4069	122	0.0989
18	0.3709	69	0.3549	123	0.0989
19	0.3599	70	0.2989	124	-0.1031
20	0.3509	71	0.2359	125	-0.1391
21	0.3399	72	0.1509	126	-0.0731
22	0.3269	73	0.0119	127	-0.1031
23	0.3099	74	-0.1641	128	-0.2831
24	0.2939	75	0.4999	129	-0.2321
25	0.2729	76	0.4209	135	-0.0521
26	0.2379	77	0.3509	136	-0.0591
27	0.1819	78	0.2819	137	-0.0481
28	0.0059	79	0.2019	138	0.0899
29	-0.1481	80	0.0949	139	0.0939
30	0.5029	81	-0.1041	140	0.1049
32	0.4239	82	-0.2021	141	0.2289
33	0.4029	83	0.4269	142	0.1819
34	0.3779	84	0.3679	143	0.2019
35	0.3529	85	0.2759	145	-0.0621
36	0.3379	86	0.1719	147	0.1769
37	0.3159	87	0.0549	151	0.1219
38	0.2819	88	-0.1071	152	-0.1661
39	0.2369	89	-0.2571	153	-0.2051
40	0.1719	90	0.3529	154	-0.3481
41	0.0169	91	0.1609	155	0.1349
42	-0.1601	92	0.0279	156	0.2509
43	0.5469	93	-0.0731	157	0.0379
44	0.4909	94	-0.1921	158	0.6459
45	0.4489	95	-0.3481	159	0.3649
46	0.4189	96	-0.8091	160	0.3439
47	0.3819	97	-0.5051	161	0.2049
48	0.3489	98	-0.9911	162	0.6199
49	0.3109	99	-0.8251	163	0.4509
50	0.2699	100	-0.6781	164	0.0979
51	0.2089	101	-0.5611	165	0.1179

ORF	CP	ORF	CP	ORF	CP
166	0.4369	217	-0.6521	268	-0.3611
167	0.3899	218	-0.5641	269	0.0959
168	0.3079	219	-0.0061	270	0.2489
169	0.1109	220	0.0499	271	-0.4741
170	0.4719	221	-0.1151	272	-0.5091
171	0.1819	222	-0.1121	273	0.0839
172	-0.0561	223	0.3009	274	0.0779
173	0.1589	224	0.3269	275	0.2299
174	0.0489	225	0.3399	276	0.6689
175	-0.2581	226	0.2009	277	0.5049
176	-0.4351	227	-1.0861	278	-0.4041
177	-0.1461	228	-1.0261	279	-0.2671
178	-0.3021	229	-0.9551	280	-0.0741
179	-0.2441	230	-0.8101	281	0.1899
180	-0.3161	231	-0.5821	282	0.2959
181	0.5139	232	-0.2331	283	0.2959
182	0.6949	233	-0.0121	284	0.2959
183	0.4019	234	0.0609	285	0.2179
184	0.5739	235	-0.0891	286	-0.5461
185	0.7559	236	0.0389	287	-0.3991
186	0.9809	237	0.2529	288	0.0319
187	1.1149	238	0.2419	289	0.0359
188	1.1199	239	0.3759	290	0.2319
189	1.1079	240	0.2769	291	-0.4691
190	0.0989	241	-0.8221	292	-0.2441
191	-0.2251	242	-0.7261	325	0.0989
192	-0.2841	244	-0.4551	326	0.0999
193	-0.2761	245	-0.2481	327	0.0989
194	-0.2621	246	-0.1031	328	0.0999
195	-0.2921	247	0.0569	329	0.0979
196	-0.3161	248	0.1029	330	0.0959
197	-0.2881	249	-0.0351	331	0.1019
198	-0.2821	250	-0.0381	332	0.1009
199	-0.2841	251	0.0609	333	0.1029
200	-0.2701	252	0.0939	334	0.0999
201	-0.2661	253	0.5689	335	0.0989
202	-0.2881	254	0.3509	336	0.0989
203	-0.2721	255	-0.4351	337	0.0979
204	-0.2761	256	-0.4131	338	0.0979
205	0.1259	257	-0.3751	339	0.0999
206	0.1109	258	-0.2561	340	0.0989
207	0.1339	259	-0.0401	341	0.0979
208	0.1709	260	0.0719	350	0.0999
210	0.5729	261	0.1819	351	0.0979
211	0.2519	262	0.2089	352	0.0989
212	0.1749	263	-0.1191	353	0.0989
213	-0.9171	264	-0.2111	354	0.1019
214	-0.8851	265	0.1039	355	0.0989
215	-0.7981	266	0.2249		
216	-0.6351	267	-0.1731		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 672
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 37.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.002
TUNNEL DYNAMIC PRESSURE(PSF) = 700.
TUNNEL STAGNATION PRESSURE(PSF) = 1890.
TUNNEL STATIC PRESSURE(PSF) = 996.
REYNOLDS NUMBER PER FOOT = 3.9870E 06
MODEL ANGLE OF ATTACK(DEG) = -8.13
FIN ANGLE(DEG) = 0.07
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 544.

SCANIVALUE	CP(REF)
147	0.8071
247	0.8051
347	0.8061
447	0.8071
547	0.8081
647	0.8071
747	0.8081

ORF	CP	ORF	CP	ORF	CP
1	0.3651	52	0.0631	102	-0.4709
2	0.0921	53	-0.2149	103	-0.7859
3	0.1091	54	-0.2999	104	-0.7509
4	0.1481	55	0.4521	105	-0.6509
5	0.1781	56	0.3881	110	-0.2039
6	0.1941	57	0.3441	111	-0.2269
7	0.2101	58	0.3061	112	-0.1299
8	0.2141	59	0.2721	113	-0.1089
9	0.2111	60	0.2331	114	0.1001
10	0.2051	61	0.1801	115	0.0981
11	0.1921	62	0.1171	116	0.0971
12	0.1711	63	0.0191	117	0.0991
13	0.1271	64	-0.4079	118	0.0971
14	-0.0559	65	-0.3349	119	0.1011
15	-0.1779	66	0.4421	120	-0.0049
16	0.2901	67	0.3711	121	0.0981
17	0.2531	68	0.3161	122	0.1011
18	0.2451	69	0.2671	123	0.0991
19	0.2421	70	0.2211	124	-0.0569
20	0.2401	71	0.1671	125	-0.0899
21	0.2421	72	0.0901	126	-0.0279
22	0.2381	73	-0.0359	127	-0.0639
23	0.2261	74	-0.3639	128	-0.2799
24	0.2161	75	0.4211	129	-0.2149
25	0.1971	76	0.3381	135	-0.0159
26	0.1631	77	0.2681	136	-0.0129
27	0.1091	78	0.1981	137	-0.0109
28	-0.0489	79	0.1211	138	0.1391
29	-0.2149	80	0.0301	139	0.1421
30	0.3811	81	-0.1489	140	0.1401
32	0.3171	82	-0.4089	141	0.2091
33	0.3001	83	0.3531	142	0.1941
34	0.2841	84	0.2891	143	0.2031
35	0.2701	85	0.1941	145	-0.0149
36	0.2551	86	0.0871	147	0.1961
37	0.2341	87	-0.0069	151	0.0751
38	0.2071	88	-0.1509	152	-0.1989
39	0.1681	89	-0.4569	153	-0.2219
40	0.1051	90	0.2811	154	-0.3269
41	-0.0339	91	0.0791	155	0.0911
42	-0.2479	92	-0.0359	156	0.1921
43	0.4361	93	-0.1209	157	-0.0039
44	0.3821	94	-0.2239	158	0.5261
45	0.3481	95	-0.5219	159	0.3301
46	0.3241	96	-0.7139	160	0.2941
47	0.2971	97	-0.4649	161	0.1661
48	0.2661	98	-0.9079	162	0.5251
49	0.2361	99	-0.8609	163	0.3891
50	0.1961	100	-0.5809	164	0.1421
51	0.1401	101	-0.5339	165	0.0861

ORF	CP	ORF	CP	ORF	CP
166	0.3821	217	-0.5659	268	-0.3769
167	0.3371	218	-0.1719	269	0.0501
168	0.2701	219	0.0301	270	0.1841
169	0.0931	220	0.0361	271	-0.4639
170	0.3991	221	-0.1729	272	-0.4949
171	0.1601	222	-0.1969	273	0.0371
172	-0.0629	223	0.2481	274	0.0371
173	0.1151	224	0.2881	275	0.2791
174	0.0091	225	0.3551	276	0.5401
175	-0.2579	226	0.2091	277	0.4131
176	-0.3859	227	-1.1029	278	-0.3949
177	-0.1799	228	-1.0389	279	-0.2379
178	-0.3389	229	-0.9769	280	-0.0639
179	-0.3049	230	-0.7859	281	0.1011
180	-0.2829	231	-0.3279	282	0.1751
181	0.4371	232	-0.1099	283	0.1951
182	0.5961	233	0.0351	284	0.2151
183	0.3771	234	0.0491	285	0.1451
184	0.5431	235	-0.1469	286	-0.5129
185	0.6731	236	-0.0379	287	-0.4189
186	0.8271	237	0.2061	288	0.0111
187	0.9621	238	0.1831	289	0.0241
188	1.0621	239	0.4281	290	0.1831
189	1.1181	240	0.3111	291	-0.4959
190	0.1061	241	-0.8449	292	-0.1329
191	-0.2219	242	-0.7139	325	0.0941
192	-0.2739	244	-0.4309	326	0.0941
193	-0.2679	245	-0.2019	327	0.0971
194	-0.2439	246	-0.0639	328	0.0981
195	-0.2669	247	0.0661	329	0.0961
196	-0.2799	248	0.0791	330	0.0971
197	-0.2669	249	-0.0819	331	0.0951
198	-0.2669	250	-0.0919	332	0.0971
199	-0.2769	251	0.0191	333	0.1001
200	-0.2479	252	0.0521	334	0.0971
201	-0.2439	253	0.5291	335	0.0971
202	-0.2599	254	0.3451	336	0.0951
203	-0.2579	255	-0.4879	337	0.0941
204	-0.2509	256	-0.4809	338	0.0941
205	0.2051	257	-0.4479	339	0.0971
206	0.2081	258	-0.3339	340	0.0981
207	0.2101	259	-0.1019	341	0.0971
208	0.2351	260	0.0441	350	0.0991
210	0.5411	261	0.1581	351	0.0991
211	0.3061	262	0.1591	352	0.0981
212	0.1771	263	-0.1759	353	0.0981
213	-0.9349	264	-0.2499	354	0.0981
214	-0.9009	265	0.0581	355	0.1001
215	-0.8169	266	0.1671		
216	-0.6559	267	-0.2299		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 673
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 37.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.004
TUNNEL DYNAMIC PRESSURE(PSF) = 701.
TUNNEL STAGNATION PRESSURE(PSF) = 1890.
TUNNEL STATIC PRESSURE(PSF) = 994.
REYNOLDS NUMBER PER FOOT = 3.9900E 06
MODEL ANGLE OF ATTACK(DEG) = -6.01
FIN ANGLE(DEG) = 0.19
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 544.

SCANIVALUE	CP(REF)
147	0.8090
247	0.8070
347	0.8080
447	0.8080
547	0.8050
647	0.8050
747	0.8050

ORF	CP	ORF	CP	ORF	CP
1	0.2590	52	0.0300	102	-0.4430
2	0.0470	53	-0.2320	103	-0.7970
3	0.0510	54	-0.3230	104	-0.7640
4	0.0970	55	0.3920	105	-0.6250
5	0.1260	56	0.3320	110	-0.2090
6	0.1370	57	0.2980	111	-0.2440
7	0.1510	58	0.2650	112	-0.1400
8	0.1580	59	0.2300	113	-0.1260
9	0.1580	60	0.1930	114	0.0930
10	0.1520	61	0.1460	115	0.0900
11	0.1420	62	0.0870	116	0.0910
12	0.1180	63	-0.0030	117	0.0940
13	0.0750	64	-0.4220	118	0.0930
14	-0.0960	65	-0.3590	119	0.0920
15	-0.2080	66	0.3960	120	-0.0810
16	0.2000	67	0.3270	121	0.0860
17	0.1760	68	0.2770	122	0.0930
18	0.1750	69	0.2280	123	0.0930
19	0.1750	70	0.1870	124	-0.0460
20	0.1800	71	0.1370	125	-0.0930
21	0.1850	72	0.0640	126	-0.0260
22	0.1800	73	-0.0540	127	-0.0550
23	0.1740	74	-0.3950	128	-0.2570
24	0.1620	75	0.3800	129	-0.1920
25	0.1420	76	0.3000	135	-0.0080
26	0.1140	77	0.2340	136	-0.0070
27	0.0610	78	0.1660	137	0.0000
28	-0.0950	79	0.0920	138	0.1330
29	-0.2380	80	0.0040	139	0.1350
30	0.2920	81	-0.1600	140	0.1370
32	0.2410	82	-0.4430	141	0.2030
33	0.2350	83	0.3200	142	0.1940
34	0.2250	84	0.2540	143	0.1990
35	0.2140	85	0.1580	145	-0.0160
36	0.1990	86	0.0580	147	0.1940
37	0.1800	87	-0.0400	151	0.0540
38	0.1570	88	-0.1630	152	-0.2100
39	0.1220	89	-0.4820	153	-0.2220
40	0.0630	90	0.2400	154	-0.3040
41	-0.0740	91	0.0510	155	0.0730
42	-0.2670	92	-0.0500	156	0.1510
43	0.3620	93	-0.1300	157	-0.0350
44	0.3230	94	-0.2250	158	0.4600
45	0.2880	95	-0.5450	159	0.2840
46	0.2680	96	-0.6700	160	0.2500
47	0.2450	97	-0.4430	161	0.1200
48	0.2190	98	-0.6410	162	0.4490
49	0.1930	99	-0.5840	163	0.3260
50	0.1530	100	-0.6070	164	0.1440
51	0.1030	101	-0.5070	165	0.0410

ORF	CP	ORF	CP	ORF	CP
166	0.3590	217	-0.3880	268	-0.3410
167	0.3030	218	-0.1220	269	0.0220
168	0.2380	219	0.0310	270	0.1180
169	0.0610	220	0.0230	271	-0.4460
170	0.3540	221	-0.1980	272	-0.4350
171	0.1640	222	-0.2120	273	0.0090
172	-0.0610	223	0.2320	274	0.0170
173	0.1280	224	0.2690	275	0.3440
174	-0.0070	225	0.3940	276	0.4190
175	-0.1990	226	0.2410	277	0.2960
176	-0.3680	227	-1.0980	278	-0.3580
177	-0.1890	228	-1.0490	279	-0.2770
178	-0.3310	229	-0.9860	280	-0.1220
179	-0.2810	230	-0.8320	281	0.0330
180	-0.2780	231	-0.2460	282	0.1100
181	0.3820	232	-0.0520	283	0.1330
182	0.5310	233	0.0470	284	0.1570
183	0.4360	234	0.0480	285	0.0880
184	0.6230	235	-0.1600	286	-0.4850
185	0.7390	236	-0.0590	287	-0.3530
186	0.8060	237	0.1920	288	0.0100
187	0.9370	238	0.1700	289	0.0130
188	1.0080	239	0.4620	290	0.1330
189	1.0580	240	0.3480	291	-0.4750
190	0.1500	241	-0.9480	292	-0.0920
191	-0.2330	242	-0.8090	325	0.0900
192	-0.2770	244	-0.4750	326	0.0930
193	-0.2730	245	-0.2100	327	0.0900
194	-0.2450	246	-0.0630	328	0.0890
195	-0.2500	247	0.0730	329	0.0880
196	-0.2680	248	0.0790	330	0.0900
197	-0.2580	249	-0.1050	331	0.0940
198	-0.2570	250	-0.1060	332	0.0910
199	-0.2590	251	0.0260	333	0.0900
200	-0.2460	252	0.0640	334	0.0890
201	-0.2380	253	0.4410	335	0.0910
202	-0.2550	254	0.2830	336	0.0900
203	-0.2500	255	-0.5530	337	0.0900
204	-0.2460	256	-0.5210	338	0.0920
205	0.2470	257	-0.4710	339	0.0910
206	0.2590	258	-0.3280	340	0.0880
207	0.2580	259	-0.0900	341	0.0870
208	0.2780	260	0.0540	350	0.0900
210	0.5190	261	0.1380	351	0.0950
211	0.3360	262	0.1200	352	0.0950
212	0.1900	263	-0.2040	353	0.0940
213	-0.9380	264	-0.2460	354	0.0930
214	-0.9250	265	0.0320	355	0.0910
215	-0.8570	266	0.1150		
216	-0.6830	267	-0.2520		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 674
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 37.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.997
TUNNEL DYNAMIC PRESSURE(PSF) = 697.
TUNNEL STAGNATION PRESSURE(PSF) = 1890.
TUNNEL STATIC PRESSURE(PSF) = 1001.
REYNOLDS NUMBER PER FOOT = 3.9850E 06
MODEL ANGLE OF ATTACK(DEG) = -4.00
FIN ANGLE(DEG) = 0.36
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 544.

SCANIVALUE	CP(REF)
147	0.8028
247	0.8008
347	0.8018
447	0.8028
547	0.8028
647	0.8028
747	0.8018

ORF	CP	ORF	CP	ORF	CP
1	0.1758	52	-0.0132	102	-0.4262
2	-0.0722	53	-0.2632	103	-0.7772
3	-0.0522	54	-0.3792	104	-0.7482
4	0.0218	55	0.3208	105	-0.6062
5	0.0568	56	0.2688	110	-0.2172
6	0.0758	57	0.2368	111	-0.2482
7	0.0898	58	0.2078	112	-0.1332
8	0.0968	59	0.1768	113	-0.1052
9	0.1008	60	0.1418	114	0.0928
10	0.0968	61	0.0988	115	0.0908
11	0.0838	62	0.0458	116	0.0928
12	0.0618	63	-0.0352	117	0.0928
13	0.0218	64	-0.4542	118	0.0958
14	-0.1432	65	-0.4172	119	0.0968
15	-0.2462	66	0.3258	120	-0.0502
16	0.1038	67	0.2608	121	0.0868
17	0.0818	68	0.2138	122	0.0928
18	0.0918	69	0.1688	123	0.0938
19	0.1078	70	0.1268	124	-0.0272
20	0.1128	71	0.0818	125	-0.0592
21	0.1148	72	0.0228	126	-0.0062
22	0.1178	73	-0.0852	127	-0.0352
23	0.1168	74	-0.4452	128	-0.2352
24	0.1028	75	0.3068	129	-0.1762
25	0.0878	76	0.2348	135	0.0078
26	0.0568	77	0.1758	136	0.0118
27	0.0038	78	0.1208	137	0.0188
28	-0.1412	79	0.0588	138	0.1428
29	-0.2772	80	-0.0282	139	0.1428
30	0.1928	81	-0.1802	140	0.1468
32	0.1668	82	-0.4862	141	0.1958
33	0.1618	83	0.2568	142	0.1918
34	0.1528	84	0.1898	143	0.1928
35	0.1448	85	0.0998	145	0.0088
36	0.1408	86	0.0078	147	0.1928
37	0.1218	87	-0.0762	151	-0.0002
38	0.0968	88	-0.1902	152	-0.2152
39	0.0648	89	-0.5262	153	-0.2432
40	0.0048	90	0.1718	154	-0.3092
41	-0.1252	91	0.0048	155	0.0818
42	-0.3112	92	-0.0722	156	0.1078
43	0.2788	93	-0.1402	157	-0.0672
44	0.2418	94	-0.2282	158	0.4558
45	0.2168	95	-0.5602	159	0.2308
46	0.2048	96	-0.6852	160	0.2068
47	0.1848	97	-0.4702	161	0.0868
48	0.1598	98	-0.1502	162	0.4008
49	0.1358	99	-0.3622	163	0.2798
50	0.0998	100	-0.3362	164	0.1438
51	0.0578	101	-0.4892	165	0.0008

ORF	CP	ORF	CP	ORF	CP
166	0.3748	217	-0.2642	268	-0.3092
167	0.2788	218	-0.0582	269	-0.0102
168	0.2058	219	0.0388	270	0.0858
169	0.0418	220	0.0228	271	-0.4382
170	0.2508	221	-0.2282	272	-0.4172
171	0.1748	222	-0.2322	273	0.0038
172	-0.0562	223	0.2168	274	0.0078
173	0.1148	224	0.2778	275	0.3788
174	-0.0262	225	0.4268	276	0.3508
175	-0.1852	226	0.2558	277	0.2268
176	-0.3452	227	-1.0982	278	-0.4432
177	-0.2322	228	-1.0412	279	-0.3782
178	-0.3742	229	-0.9692	280	-0.2652
179	-0.2992	230	-0.8062	281	-0.0512
180	-0.2662	231	-0.2482	282	0.0528
181	0.3298	232	-0.0312	283	0.0788
182	0.4888	233	0.0568	284	0.1068
183	0.5018	234	0.0458	285	0.0408
184	0.6918	235	-0.1802	286	-0.4702
185	0.7698	236	-0.0812	287	-0.3562
186	0.8588	237	0.1938	288	0.0188
187	0.9508	238	0.1718	289	0.0178
188	1.0388	239	0.4088	290	0.0878
189	1.0788	240	0.2908	291	-0.4492
190	0.1958	241	-0.8282	292	-0.0652
191	-0.2282	242	-0.7822	325	0.0878
192	-0.2632	244	-0.4352	326	0.0888
193	-0.2682	245	-0.1842	327	0.0888
194	-0.2432	246	-0.0432	328	0.0878
195	-0.2402	247	0.0558	329	0.0908
196	-0.2692	248	0.0528	330	0.0898
197	-0.2512	249	-0.1262	331	0.0898
198	-0.2482	250	-0.1142	332	0.0898
199	-0.2492	251	0.0118	333	0.0898
200	-0.2452	252	0.0358	334	0.0908
201	-0.2332	253	0.3618	335	0.0898
202	-0.2362	254	0.2188	336	0.0878
203	-0.2382	255	-0.5392	337	0.0888
204	-0.2402	256	-0.5002	338	0.0908
205	0.2798	257	-0.4592	339	0.0888
206	0.3008	258	-0.2952	340	0.0888
207	0.3018	259	-0.0552	341	0.0908
208	0.3068	260	0.0398	350	0.0948
210	0.5018	261	0.0778	351	0.0918
211	0.3898	262	0.0608	352	0.0938
212	0.2328	263	-0.2222	353	0.0928
213	-0.9412	264	-0.2222	354	0.0928
214	-0.9292	265	-0.0002	355	0.0928
215	-0.8652	266	0.0758		
216	-0.6752	267	-0.2692		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 675
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 37.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.997
TUNNEL DYNAMIC PRESSURE(PSF) = 697.
TUNNEL STAGNATION PRESSURE(PSF) = 1890.
TUNNEL STATIC PRESSURE(PSF) = 1001.
REYNOLDS NUMBER PER FOOT = 3.9770E 06
MODEL ANGLE OF ATTACK(DEG) = -1.95
FIN ANGLE(DEG) = 0.48
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 544.

SCANIVALUE	CP(REF)
147	0.8028
247	0.8018
347	0.8018
447	0.8028
547	0.6598
647	0.6588
747	0.6598

ORF	CP	ORF	CP	ORF	CP
1	0.2078	52	0.0448	102	-0.3622
2	-0.1152	53	-0.2072	103	-0.7352
3	-0.1252	54	-0.3602	104	-0.7092
4	-0.0022	55	0.3378	105	-0.5412
5	0.0828	56	0.3028	110	-0.2252
6	0.1208	57	0.2808	111	-0.2572
7	0.1418	58	0.2538	112	-0.1442
8	0.1518	59	0.2198	113	-0.1272
9	0.1528	60	0.1868	114	0.0888
10	0.1498	61	0.1508	115	0.0898
11	0.1378	62	0.1028	116	0.0908
12	0.1168	63	0.0278	117	0.0878
13	0.0738	64	-0.4072	118	0.0898
14	-0.0942	65	-0.3942	119	0.0918
15	-0.2032	66	0.3408	120	-0.0252
16	0.0688	67	0.2898	121	0.0858
17	0.0718	68	0.2488	122	0.0898
18	0.1028	69	0.2148	123	0.0918
19	0.1398	70	0.1788	124	-0.0252
20	0.1548	71	0.1358	125	-0.0582
21	0.1628	72	0.0828	126	-0.0022
22	0.1658	73	-0.0122	127	-0.0352
23	0.1608	74	-0.4172	128	-0.2282
24	0.1528	75	0.3318	129	-0.1822
25	0.1428	76	0.2738	135	0.0108
26	0.1118	77	0.2258	136	0.0128
27	0.0518	78	0.1748	137	0.0138
28	-0.0952	79	0.1098	138	0.1458
29	-0.2302	80	0.0368	139	0.1478
30	0.1878	81	-0.1032	140	0.1448
32	0.1998	82	-0.4322	141	0.1908
33	0.2008	83	0.2758	142	0.1908
34	0.1988	84	0.2128	143	0.1908
35	0.1938	85	0.1288	145	0.0098
36	0.1828	86	0.0628	147	0.1908
37	0.1688	87	0.0028	151	0.0638
38	0.1438	88	-0.0992	152	-0.1582
39	0.1128	89	-0.4592	153	-0.1962
40	0.0548	90	0.1798	154	-0.2472
41	-0.0742	91	0.0718	155	0.1818
42	-0.2672	92	0.0308	156	0.1968
43	0.2938	93	-0.0212	157	0.0098
44	0.2678	94	-0.1012	158	0.5748
45	0.2568	95	-0.4702	159	0.3508
46	0.2428	96	-0.5112	160	0.3068
47	0.2268	97	-0.3962	161	0.1818
48	0.2038	98	0.1258	162	0.4958
49	0.1798	99	0.0758	163	0.4008
50	0.1498	100	-0.1272	164	0.1448
51	0.1058	101	-0.4262	165	0.0948

ORF	CP	ORF	CP	ORF	CP
166	0.5108	217	-0.2102	268	-0.3122
167	0.3978	218	-0.0412	269	-0.0242
168	0.3188	219	0.0288	270	0.0778
169	0.1548	220	0.0188	271	-0.4512
170	0.3748	221	-0.2432	272	-0.4222
171	0.2708	222	-0.2602	273	0.0018
172	0.0298	223	0.1838	274	0.0108
173	0.1818	224	0.2658	275	0.4168
174	0.0508	225	0.3958	276	0.3278
175	-0.1452	226	0.2368	277	0.1918
176	-0.2832	227	-0.9282	278	-0.5342
177	-0.1892	228	-0.8722	279	-0.5212
178	-0.3492	229	-0.7222	280	-0.4552
179	-0.2832	230	-0.5132	281	-0.2632
180	-0.1892	231	-0.2122	282	-0.0172
181	0.4528	232	-0.0382	283	0.0328
182	0.6278	233	0.0358	284	0.0578
183	0.5658	234	0.0278	285	0.0058
184	0.7598	235	-0.1722	286	-0.4692
185	0.8388	236	-0.1022	287	-0.3722
186	0.9648	237	0.1608	288	0.0298
187	1.0878	238	0.1278	289	0.0278
188	1.1848	239	0.3708	290	0.0558
189	1.2118	240	0.2478	291	-0.4612
190	0.3808	241	-0.6642	292	-0.0222
191	-0.1622	242	-0.6292	325	0.1878
192	-0.2022	244	-0.3862	326	0.1888
193	-0.2062	245	-0.1392	327	0.1878
194	-0.1902	246	-0.0382	328	0.1878
195	-0.1812	247	0.0238	329	0.1888
196	-0.2052	248	0.0178	330	0.1858
197	-0.1852	249	-0.1362	331	0.1898
198	-0.1812	250	-0.1272	332	0.1878
199	-0.1852	251	-0.0232	333	0.1888
200	-0.1782	252	-0.0002	334	0.1908
201	-0.1652	253	0.3098	335	0.1848
202	-0.1682	254	0.1558	336	0.1878
203	-0.1662	255	-0.5172	337	0.1878
204	-0.1652	256	-0.5042	338	0.1888
205	0.2958	257	-0.4552	339	0.1878
206	0.3308	258	-0.3132	340	0.1888
207	0.3248	259	-0.0902	341	0.1888
208	0.3248	260	-0.0052	350	0.0918
210	0.4708	261	0.0358	351	0.0898
211	0.4108	262	0.0168	352	0.0898
212	0.2508	263	-0.2422	353	0.0908
213	-0.8702	264	-0.2212	354	0.0898
214	-0.8292	265	-0.0292	355	0.0908
215	-0.7382	266	0.0478		
216	-0.5432	267	-0.2842		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 676
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 37.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.006
TUNNEL DYNAMIC PRESSURE(PSF) = 700.
TUNNEL STAGNATION PRESSURE(PSF) = 1883.
TUNNEL STATIC PRESSURE(PSF) = 988.
REYNOLDS NUMBER PER FOOT = 3.9780E 06
MODEL ANGLE OF ATTACK(DEG) = 0.12
FIN ANGLE(DEG) = 0.19
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 544.

SCANIVALUE	CP(REF)
147	0.8186
247	0.8186
347	0.8186
447	0.8186
547	0.8246
647	0.8246
747	0.8256

ORF	CP	ORF	CP	ORF	CP
1	0.1466	52	-0.0534	102	-0.4394
2	-0.2714	53	-0.2824	103	-0.7614
3	-0.3634	54	-0.4544	104	-0.7454
4	-0.2454	55	0.1476	105	-0.6004
5	-0.1244	56	0.1266	110	-0.2004
6	-0.0394	57	0.1116	111	-0.2364
7	0.0026	58	0.0916	112	-0.1444
8	0.0286	59	0.0746	113	-0.1314
9	0.0396	60	0.0546	114	0.1006
10	0.0406	61	0.0256	115	0.0996
11	0.0366	62	-0.0144	116	0.1026
12	0.0196	63	-0.0744	117	0.1016
13	-0.0164	64	-0.4604	118	0.0996
14	-0.1694	65	-0.4594	119	0.1006
15	-0.2884	66	0.1436	120	-0.0064
16	-0.1494	67	0.1186	121	0.0966
17	-0.1734	68	0.0956	122	0.0976
18	-0.0704	69	0.0736	123	0.0986
19	-0.0334	70	0.0446	124	-0.0004
20	0.0076	71	0.0136	125	-0.0424
21	0.0346	72	-0.0344	126	0.0176
22	0.0496	73	-0.1184	127	-0.0054
23	0.0496	74	-0.4764	128	-0.1794
24	0.0466	75	0.1346	129	-0.1484
25	0.0386	76	0.1026	135	0.0246
26	0.0166	77	0.0656	136	0.0286
27	-0.0284	78	0.0276	137	0.0326
28	-0.1684	79	-0.0154	138	0.1596
29	-0.3284	80	-0.0674	139	0.1636
30	-0.0214	81	-0.1924	140	0.1636
32	0.0336	82	-0.4874	141	0.2106
33	0.0516	83	0.1046	142	0.2106
34	0.0626	84	0.0616	143	0.2116
35	0.0656	85	0.0116	145	0.0306
36	0.0646	86	-0.0274	147	0.2106
37	0.0576	87	-0.0734	151	-0.0044
38	0.0446	88	-0.1634	152	-0.2364
39	0.0166	89	-0.4984	153	-0.2654
40	-0.0294	90	0.0106	154	-0.3254
41	-0.1434	91	-0.0054	155	0.0806
42	-0.3874	92	-0.0414	156	0.0956
43	0.1076	93	-0.0824	157	-0.0834
44	0.1016	94	-0.1504	158	0.3816
45	0.0916	95	-0.4994	159	0.2346
46	0.0926	96	-0.3444	160	0.1816
47	0.0836	97	-0.4344	161	0.0676
48	0.0706	98	0.1136	162	0.3556
49	0.0586	99	0.0726	163	0.2616
50	0.0376	100	-0.1784	164	0.1626
51	-0.0004	101	-0.4994	165	-0.0164

ORF	CP	ORF	CP	ORF	CP
166	0.4106	217	-0.1584	268	-0.3214
167	0.2536	218	-0.0184	269	0.0116
168	0.1986	219	0.0526	270	0.1196
169	0.0566	220	0.0296	271	-0.4514
170	0.2586	221	-0.2314	272	-0.4264
171	0.1426	222	-0.2554	273	0.0436
172	-0.0674	223	0.1936	274	0.0526
173	0.0346	224	0.2746	275	0.4436
174	-0.0664	225	0.3636	276	0.3916
175	-0.2684	226	0.1896	277	0.2426
176	-0.3364	227	-0.5224	278	-0.6604
177	-0.2284	228	-0.5074	279	-0.6084
178	-0.3774	229	-0.4944	280	-0.5404
179	-0.3244	230	-0.3994	281	-0.4104
180	-0.2594	231	-0.1514	282	-0.1764
181	0.2856	232	-0.0124	283	-0.0254
182	0.4476	233	0.0446	284	0.0586
183	0.4586	234	0.0286	285	0.0166
184	0.6106	235	-0.1494	286	-0.4714
185	0.6756	236	-0.0884	287	-0.3464
186	0.7796	237	0.1516	288	0.0606
187	0.8576	238	0.1086	289	0.0646
188	0.9526	239	0.3396	290	0.0906
189	0.9626	240	0.2166	291	-0.5024
190	0.3246	241	-0.5184	292	0.0406
191	-0.2444	242	-0.5084	325	0.0906
192	-0.2794	244	-0.3194	326	0.0926
193	-0.2794	245	-0.0864	327	0.0906
194	-0.2554	246	-0.0084	328	0.0886
195	-0.2604	247	0.0266	329	0.0906
196	-0.2764	248	0.0176	330	0.0886
197	-0.2574	249	-0.1214	331	0.0936
198	-0.2514	250	-0.1154	332	0.0916
199	-0.2534	251	-0.0304	333	0.0896
200	-0.2574	252	-0.0024	334	0.0926
201	-0.2374	253	0.3286	335	0.0896
202	-0.2464	254	0.1776	336	0.0896
203	-0.2384	255	-0.5214	337	0.0906
204	-0.2424	256	-0.5174	338	0.0916
205	0.3306	257	-0.4944	339	0.0906
206	0.3676	258	-0.4064	340	0.0886
207	0.3646	259	-0.1794	341	0.0906
208	0.3686	260	-0.0194	350	0.0986
210	0.4446	261	0.0456	351	0.1016
211	0.3686	262	0.0336	352	0.0986
212	0.2256	263	-0.2374	353	0.0996
213	-0.6184	264	-0.2174	354	0.0986
214	-0.5684	265	0.0026	355	0.0976
215	-0.5124	266	0.0826		
216	-0.3864	267	-0.2814		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 677
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 37.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.002
TUNNEL DYNAMIC PRESSURE(PSF) = 699.
TUNNEL STAGNATION PRESSURE(PSF) = 1886.
TUNNEL STATIC PRESSURE(PSF) = 994.
REYNOLDS NUMBER PER FOOT = 3.9810E 06
MODEL ANGLE OF ATTACK(DEG) = 2.08
FIN ANGLE(DEG) = 0.06
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 544.

SCANIVALUE	CP(REF)
147	0.8120
247	0.8110
347	0.8110
447	0.8120
547	0.8060
647	0.8060
747	0.8050

ORF	CP	ORF	CP	ORF	CP
1	0.1200	52	-0.0950	102	-0.4270
2	-0.3630	53	-0.3230	103	-0.7800
3	-0.7120	54	-0.4710	104	-0.7500
4	-0.4170	55	-0.1290	105	-0.6110
5	-0.1600	56	-0.0050	110	-0.2120
6	-0.0620	57	0.0420	111	-0.2430
7	-0.0090	58	0.0280	112	-0.1550
8	0.0070	59	0.0220	113	-0.1390
9	0.0200	60	0.0040	114	0.0890
10	0.0190	61	-0.0230	115	0.0890
11	0.0100	62	-0.0610	116	0.0880
12	0.0010	63	-0.1200	117	0.0860
13	-0.0370	64	-0.4920	118	0.0880
14	-0.1950	65	-0.4850	119	0.0920
15	-0.3210	66	-0.1360	120	-0.0680
16	-0.2440	67	-0.0050	121	0.0810
17	-0.4660	68	0.0210	122	0.0900
18	-0.3970	69	0.0030	123	0.0900
19	-0.0910	70	-0.0170	124	-0.0120
20	-0.0100	71	-0.0460	125	-0.0460
21	0.0170	72	-0.0890	126	0.0010
22	0.0220	73	-0.1720	127	-0.0290
23	0.0230	74	-0.4880	128	-0.1810
24	0.0190	75	-0.2110	129	-0.1500
25	0.0070	76	-0.0340	135	0.0070
26	-0.0140	77	-0.0160	136	0.0190
27	-0.0640	78	-0.0400	137	0.0140
28	-0.2110	79	-0.0740	138	0.1450
29	-0.3570	80	-0.1040	139	0.1450
30	-0.3150	81	-0.2290	140	0.1370
32	-0.0290	82	-0.4890	141	0.1960
33	0.0360	83	-0.1820	142	0.1950
34	0.0290	84	-0.0770	143	0.1950
35	0.0290	85	-0.0620	145	0.0060
36	0.0250	86	-0.0570	147	0.1940
37	0.0190	87	-0.0940	151	-0.0010
38	0.0040	88	-0.1910	152	-0.2320
39	-0.0190	89	-0.4990	153	-0.2570
40	-0.0700	90	-0.2490	154	-0.3040
41	-0.1980	91	-0.0770	155	0.0780
42	-0.3940	92	-0.0590	156	0.0670
43	-0.1970	93	-0.1000	157	-0.1040
44	0.0610	94	-0.1790	158	0.3070
45	0.0490	95	-0.4890	159	0.2010
46	0.0420	96	-0.2270	160	0.1310
47	0.0360	97	-0.4040	161	0.0130
48	0.0250	98	0.1650	162	0.3120
49	0.0140	99	0.1250	163	0.2000
50	-0.0070	100	-0.2240	164	0.1430
51	-0.0410	101	-0.4880	165	-0.0500

ORF	CP	ORF	CP	ORF	CP
166	0.4350	217	-0.1060	268	-0.3390
167	0.1920	218	0.0010	269	0.0240
168	0.1610	219	0.0310	270	0.0990
169	0.0350	220	-0.0000	271	-0.4630
170	0.2560	221	-0.2590	272	-0.4130
171	0.0880	222	-0.2660	273	0.0350
172	-0.1010	223	0.1690	274	0.0310
173	-0.0010	224	0.2320	275	0.4320
174	-0.0830	225	0.2770	276	0.3550
175	-0.2740	226	0.1170	277	0.2010
176	-0.3140	227	-0.4870	278	-1.0040
177	-0.2190	228	-0.4960	279	-0.9560
178	-0.3530	229	-0.4630	280	-0.8410
179	-0.2960	230	-0.3570	281	-0.6280
180	-0.2530	231	-0.1310	282	-0.2190
181	0.2490	232	-0.0250	283	-0.0700
182	0.3940	233	0.0110	284	0.0060
183	0.4430	234	-0.0030	285	-0.0210
184	0.6040	235	-0.1690	286	-0.4710
185	0.6230	236	-0.1100	287	-0.3570
186	0.6250	237	0.1110	288	0.0220
187	0.6590	238	0.0600	289	0.0240
188	0.6760	239	0.3200	290	0.0960
189	0.7120	240	0.2040	291	-0.6560
190	0.3480	241	-0.6800	292	0.0290
191	-0.2470	242	-0.6250	325	0.0910
192	-0.2630	244	-0.4090	326	0.0900
193	-0.2720	245	-0.1660	327	0.0900
194	-0.2530	246	-0.0460	328	0.0910
195	-0.2540	247	0.0100	329	0.0920
196	-0.2770	248	-0.0020	330	0.0920
197	-0.2600	249	-0.1480	331	0.0910
198	-0.2580	250	-0.1310	332	0.0910
199	-0.2500	251	-0.0330	333	0.0930
200	-0.2530	252	0.0120	334	0.0920
201	-0.2410	253	0.3750	335	0.0920
202	-0.2410	254	0.2330	336	0.0930
203	-0.2350	255	-1.0790	337	0.0910
204	-0.2320	256	-1.0130	338	0.0900
205	0.3340	257	-0.9360	339	0.0900
206	0.3700	258	-0.6730	340	0.0910
207	0.3670	259	-0.2100	341	0.0920
208	0.3710	260	-0.0310	350	0.0910
210	0.3860	261	0.0230	351	0.0890
211	0.3100	262	0.0250	352	0.0890
212	0.1790	263	-0.2890	353	0.0910
213	-0.6030	264	-0.2530	354	0.0880
214	-0.5370	265	0.0090	355	0.0890
215	-0.4880	266	0.0870		
216	-0.3370	267	-0.3280		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 678
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 37.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.002
TUNNEL DYNAMIC PRESSURE(PSF) = 699.
TUNNEL STAGNATION PRESSURE(PSF) = 1887.
TUNNEL STATIC PRESSURE(PSF) = 994.
REYNOLDS NUMBER PER FOOT = 3.9850E 06
MODEL ANGLE OF ATTACK(DEG) = 4.04
FIN ANGLE(DEG) = 0.16
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 544.

SCANIVALUE	CP(REF)
147	0.8120
247	0.8100
347	0.8110
447	0.8110
547	0.8130
647	0.8120
747	0.8130

ORF	CP	ORF	CP	ORF	CP
1	0.0120	52	-0.1370	102	-0.4360
2	-0.4140	53	-0.3580	103	-0.7790
3	-0.6990	54	-0.4860	104	-0.7560
4	-0.5310	55	-0.6260	105	-0.6180
5	-0.3040	56	-0.4910	110	-0.2080
6	-0.1710	57	-0.2470	111	-0.2350
7	-0.1020	58	-0.0080	112	-0.1620
8	-0.0600	59	0.0140	113	-0.1340
9	-0.0410	60	-0.0100	114	0.1000
10	-0.0310	61	-0.0460	115	0.0980
11	-0.0350	62	-0.0880	116	0.0970
12	-0.0460	63	-0.1480	117	0.0960
13	-0.0790	64	-0.5180	118	0.0980
14	-0.2290	65	-0.5100	119	0.0990
15	-0.3500	66	-0.4420	120	-0.1160
16	-0.3540	67	-0.4290	121	0.0870
17	-0.5190	68	-0.3850	122	0.0990
18	-0.5240	69	-0.2800	123	0.1000
19	-0.2820	70	-0.1870	124	0.0050
20	-0.1460	71	-0.1070	125	-0.0310
21	-0.0770	72	-0.1040	126	0.0130
22	-0.0390	73	-0.1760	127	-0.0140
23	-0.0290	74	-0.4930	128	-0.1370
24	-0.0320	75	-0.4360	129	-0.1160
25	-0.0390	76	-0.4410	135	0.0200
26	-0.0590	77	-0.4030	136	0.0170
27	-0.1080	78	-0.3100	137	0.0200
28	-0.2480	79	-0.2390	138	0.1580
29	-0.3820	80	-0.2150	139	0.1560
30	-0.4910	81	-0.3040	140	0.1480
32	-0.3400	82	-0.4490	141	0.2040
33	-0.1410	83	-0.3720	142	0.2020
34	-0.0400	84	-0.4530	143	0.2040
35	-0.0170	85	-0.4290	145	0.0130
36	-0.0200	86	-0.3740	147	0.2020
37	-0.0310	87	-0.3060	151	0.0030
38	-0.0420	88	-0.3160	152	-0.2380
39	-0.0670	89	-0.4450	153	-0.2470
40	-0.1160	90	-0.4720	154	-0.2590
41	-0.2420	91	-0.4590	155	-0.0560
42	-0.4160	92	-0.4130	156	0.0550
43	-0.6920	93	-0.3630	157	-0.0960
44	-0.4350	94	-0.3700	158	0.2210
45	-0.0810	95	-0.4730	159	0.1300
46	0.0200	96	-0.0440	160	0.0610
47	-0.0000	97	-0.3770	161	-0.0460
48	-0.0250	98	0.2340	162	0.2200
49	-0.0360	99	0.1890	163	0.1290
50	-0.0500	100	-0.2630	164	0.1610
51	-0.0850	101	-0.4970	165	-0.0880

ORF	CP	ORF	CP	ORF	CP
166	0.3320	217	-0.0650	268	-0.3390
167	0.1450	218	-0.0030	269	-0.0010
168	0.1100	219	0.0190	270	0.0660
169	0.0020	220	-0.0100	271	-0.4640
170	0.1630	221	-0.2710	272	-0.3690
171	0.0660	222	-0.2710	273	0.0250
172	-0.0940	223	0.1240	274	0.0180
173	0.0040	224	0.1840	275	0.3900
174	-0.0870	225	0.2510	276	0.2800
175	-0.2200	226	0.1010	277	0.1250
176	-0.2830	227	-0.5550	278	-1.0250
177	-0.2140	228	-0.5390	279	-0.9730
178	-0.3240	229	-0.4930	280	-0.8560
179	-0.3040	230	-0.3620	281	-0.6580
180	-0.2360	231	-0.1320	282	-0.3590
181	0.2320	232	-0.0410	283	-0.1520
182	0.3620	233	-0.0010	284	-0.0380
183	0.3760	234	-0.0160	285	-0.0570
184	0.4930	235	-0.1790	286	-0.4720
185	0.5110	236	-0.1170	287	-0.3380
186	0.5220	237	0.0890	288	0.0090
187	0.5880	238	0.0520	289	0.0210
188	0.6760	239	0.3530	290	0.0610
189	0.7440	240	0.2510	291	-0.9700
190	0.3640	241	-0.9990	292	0.0800
191	-0.2320	242	-0.8940	325	0.0970
192	-0.2460	244	-0.5320	326	0.0960
193	-0.2580	245	-0.2360	327	0.0950
194	-0.2580	246	-0.0970	328	0.0960
195	-0.2550	247	-0.0140	329	0.0970
196	-0.2700	248	-0.0110	330	0.0970
197	-0.2440	249	-0.1720	331	0.0960
198	-0.2440	250	-0.1500	332	0.0960
199	-0.2350	251	-0.0450	333	0.0970
200	-0.2350	252	-0.0030	334	0.0980
201	-0.2270	253	0.3220	335	0.0980
202	-0.2300	254	0.1730	336	0.0950
203	-0.2330	255	-1.0990	337	0.0970
204	-0.2350	256	-1.0320	338	0.0960
205	0.3300	257	-0.9400	339	0.0950
206	0.3760	258	-0.7600	340	0.0960
207	0.3690	259	-0.2410	341	0.0980
208	0.3750	260	-0.0910	350	0.1010
210	0.3440	261	-0.0230	351	0.0970
211	0.2500	262	-0.0220	352	0.0990
212	0.1170	263	-0.3090	353	0.0980
213	-0.5860	264	-0.2590	354	0.1020
214	-0.5170	265	-0.0140	355	0.1010
215	-0.4540	266	0.0460		
216	-0.2430	267	-0.3460		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 679
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 37.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.003
TUNNEL DYNAMIC PRESSURE(PSF) = 699.
TUNNEL STAGNATION PRESSURE(PSF) = 1887.
TUNNEL STATIC PRESSURE(PSF) = 994.
REYNOLDS NUMBER PER FOOT = 3.9850E 06
MODEL ANGLE OF ATTACK(DEG) = 6.00
FIN ANGLE(DEG) = 0.35
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 544.

SCANIVALUE	CP(REF)
147	0.8100
247	0.8090
347	0.8100
447	0.8110
547	0.8080
647	0.8080
747	0.8070

ORF	CP	ORF	CP	ORF	CP
1	-0.1600	52	-0.1570	102	-0.4490
2	-0.5140	53	-0.3810	103	-0.7940
3	-0.6720	54	-0.4650	104	-0.7600
4	-0.6040	55	-0.8480	105	-0.6310
5	-0.4930	56	-0.8140	110	-0.2110
6	-0.3560	57	-0.7170	111	-0.2400
7	-0.2380	58	-0.6210	112	-0.1820
8	-0.1640	59	-0.3950	113	-0.1650
9	-0.1160	60	-0.0640	114	0.0920
10	-0.0900	61	0.0060	115	0.0920
11	-0.0760	62	-0.0540	116	0.0930
12	-0.0770	63	-0.1410	117	0.0910
13	-0.1010	64	-0.5160	118	0.0890
14	-0.2500	65	-0.4950	119	0.0910
15	-0.3650	66	-0.6990	120	-0.0150
16	-0.5340	67	-0.7060	121	0.0870
17	-0.5990	68	-0.6920	122	0.0920
18	-0.6100	69	-0.6470	123	0.0930
19	-0.5070	70	-0.5870	124	-0.0260
20	-0.3870	71	-0.4580	125	-0.0580
21	-0.2820	72	-0.2500	126	-0.0160
22	-0.1930	73	-0.2150	127	-0.0420
23	-0.1420	74	-0.4290	128	-0.1520
24	-0.1040	75	-0.5740	129	-0.1260
25	-0.0910	76	-0.5990	135	-0.0090
26	-0.0880	77	-0.6220	136	-0.0050
27	-0.1260	78	-0.6300	137	-0.0030
28	-0.2630	79	-0.6340	138	0.1370
29	-0.3940	80	-0.6390	139	0.1350
30	-0.7700	81	-0.6230	140	0.1280
32	-0.5540	82	-0.6270	141	0.2000
33	-0.4310	83	-0.4740	142	0.1950
34	-0.2600	84	-0.5830	143	0.1990
35	-0.1630	85	-0.6050	145	-0.0120
36	-0.1150	86	-0.6170	147	0.1920
37	-0.0900	87	-0.6250	151	-0.0020
38	-0.0920	88	-0.6270	152	-0.2610
39	-0.1030	89	-0.6100	153	-0.2710
40	-0.1490	90	-0.5710	154	-0.2530
41	-0.2740	91	-0.5690	155	-0.1070
42	-0.4210	92	-0.5790	156	-0.0220
43	-0.9200	93	-0.5900	157	-0.1290
44	-0.7830	94	-0.6090	158	0.1440
45	-0.6140	95	-0.5850	159	0.0660
46	-0.3990	96	0.0570	160	0.0050
47	-0.2000	97	-0.3550	161	-0.0920
48	-0.0920	98	0.2900	162	0.1880
49	-0.0490	99	0.2460	163	0.0830
50	-0.0530	100	-0.2740	164	0.1360
51	-0.0930	101	-0.5070	165	-0.1080

ORF	CP	ORF	CP	ORF	CP
166	0.3050	217	-0.0820	268	-0.3480
167	0.1370	218	-0.0350	269	-0.0230
168	0.1060	219	-0.0070	270	0.0410
169	0.0040	220	-0.0300	271	-0.4830
170	0.1280	221	-0.2980	272	-0.3660
171	0.0710	222	-0.2820	273	0.0060
172	-0.0990	223	0.0840	274	0.0030
173	-0.0130	224	0.1500	275	0.3480
174	-0.1010	225	0.2270	276	0.1860
175	-0.2370	226	0.0850	277	0.0530
176	-0.2790	227	-0.6370	278	-1.0400
177	-0.2440	228	-0.6170	279	-0.9570
178	-0.3270	229	-0.5550	280	-0.8130
179	-0.2920	230	-0.3990	281	-0.6280
180	-0.2500	231	-0.1700	282	-0.4980
181	0.1570	232	-0.0820	283	-0.2910
182	0.2960	233	-0.0260	284	-0.1080
183	0.3370	234	-0.0370	285	-0.0920
184	0.4640	235	-0.2030	286	-0.4900
185	0.4890	236	-0.1480	287	-0.3520
186	0.5150	237	0.0580	288	-0.0010
187	0.6060	238	0.0310	289	0.0200
188	0.7030	239	0.2950	290	0.0230
189	0.7750	240	0.1790	291	-0.9670
190	0.3820	241	-0.9710	292	0.1270
191	-0.2490	242	-0.9030	325	0.0900
192	-0.2580	244	-0.5690	326	0.0900
193	-0.2630	245	-0.2800	327	0.0900
194	-0.2640	246	-0.1550	328	0.0890
195	-0.2670	247	-0.0640	329	0.0890
196	-0.2680	248	-0.0500	330	0.0900
197	-0.2460	249	-0.1970	331	0.0910
198	-0.2550	250	-0.1820	332	0.0900
199	-0.2480	251	-0.0720	333	0.0900
200	-0.2590	252	-0.0380	334	0.0890
201	-0.2440	253	0.2600	335	0.0910
202	-0.2330	254	0.1180	336	0.0880
203	-0.2360	255	-1.1070	337	0.0910
204	-0.2430	256	-1.0360	338	0.0910
205	0.3020	257	-0.9470	339	0.0900
206	0.3670	258	-0.7530	340	0.0890
207	0.3370	259	-0.4060	341	0.0900
208	0.3450	260	-0.2240	350	0.0910
210	0.2930	261	-0.0990	351	0.0910
211	0.2060	262	-0.0590	352	0.0900
212	0.0790	263	-0.3310	353	0.0910
213	-0.6150	264	-0.2810	354	0.0920
214	-0.5200	265	-0.0440	355	0.0930
215	-0.4410	266	0.0150		
216	-0.2440	267	-0.3740		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 680
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 37.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.001
TUNNEL DYNAMIC PRESSURE(PSF) = 698.
TUNNEL STAGNATION PRESSURE(PSF) = 1887.
TUNNEL STATIC PRESSURE(PSF) = 996.
REYNOLDS NUMBER PER FOOT = 3.9860E 06
MODEL ANGLE OF ATTACK(DEG) = 7.99
FIN ANGLE(DEG) = 0.48
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 543.

SCANIVALUE	CP(REF)
147	0.8091
247	0.8071
347	0.8081
447	0.8081
547	0.8061
647	0.8051
747	0.8051

ORF	CP	ORF	CP	ORF	CP
1	-0.4029	52	-0.1979	102	-0.4819
2	-0.7189	53	-0.3889	103	-0.7939
3	-0.7109	54	-0.4409	104	-0.7499
4	-0.7059	55	-1.0149	105	-0.6459
5	-0.6479	56	-0.9979	110	-0.2079
6	-0.5419	57	-0.9369	111	-0.2379
7	-0.4019	58	-0.8569	112	-0.1889
8	-0.2879	59	-0.7869	113	-0.1819
9	-0.2109	60	-0.7029	114	0.0971
10	-0.1579	61	-0.5899	115	0.0991
11	-0.1279	62	-0.3749	116	0.0961
12	-0.1169	63	-0.1989	117	0.0961
13	-0.1239	64	-0.4039	118	0.0971
14	-0.2709	65	-0.3979	119	0.0971
15	-0.3919	66	-0.8829	120	-0.0579
16	-0.7129	67	-0.9009	121	0.0931
17	-0.7529	68	-0.9119	122	0.0971
18	-0.7569	69	-0.8929	123	0.0971
19	-0.7309	70	-0.8789	124	-0.0299
20	-0.6579	71	-0.8529	125	-0.0589
21	-0.5649	72	-0.8449	126	-0.0229
22	-0.4629	73	-0.7929	127	-0.0369
23	-0.3709	74	-0.6329	128	-0.1379
24	-0.2619	75	-0.8139	129	-0.1149
25	-0.1789	76	-0.8159	135	-0.0119
26	-0.1489	77	-0.8549	136	-0.0129
27	-0.1449	78	-0.8729	137	-0.0039
28	-0.2639	79	-0.8719	138	0.1331
29	-0.4219	80	-0.8649	139	0.1401
30	-0.9329	81	-0.7939	140	0.1391
32	-0.7719	82	-0.6889	141	0.2001
33	-0.6679	83	-0.6469	142	0.1881
34	-0.5369	84	-0.7809	143	0.2051
35	-0.3989	85	-0.8079	145	-0.0059
36	-0.2989	86	-0.8119	147	0.1881
37	-0.2319	87	-0.7679	151	-0.0289
38	-0.2069	88	-0.7159	152	-0.2569
39	-0.1969	89	-0.6409	153	-0.2539
40	-0.2289	90	-0.6839	154	-0.2329
41	-0.3379	91	-0.6359	155	-0.1259
42	-0.4559	92	-0.6069	156	-0.0629
43	-1.0379	93	-0.5879	157	-0.1389
44	-0.9879	94	-0.5699	158	0.0821
45	-0.9179	95	-0.5709	159	0.0181
46	-0.8009	96	0.1121	160	-0.0299
47	-0.6689	97	-0.3509	161	-0.1039
48	-0.4939	98	0.3421	162	0.1411
49	-0.3109	99	0.2791	163	0.0541
50	-0.1839	100	-0.2779	164	0.1381
51	-0.1549	101	-0.5309	165	-0.1249

ORF	CP	ORF	CP	ORF	CP
166	0.2671	217	-0.0809	268	-0.3949
167	0.1341	218	-0.0499	269	-0.0389
168	0.1071	219	-0.0359	270	0.0341
169	0.0121	220	-0.0659	271	-0.5089
170	0.1061	221	-0.3179	272	-0.4189
171	0.0851	222	-0.2949	273	-0.0019
172	-0.0749	223	0.0311	274	0.0111
173	-0.0339	224	0.0991	275	0.2561
174	-0.1129	225	0.1951	276	0.0331
175	-0.2299	226	0.0601	277	-0.0539
176	-0.2769	227	-0.6449	278	-1.0519
177	-0.2679	228	-0.6149	279	-0.9379
178	-0.3429	229	-0.5679	280	-0.7999
179	-0.2829	230	-0.4289	281	-0.6339
180	-0.2269	231	-0.1979	282	-0.5879
181	0.1201	232	-0.1089	283	-0.4739
182	0.2491	233	-0.0719	284	-0.1889
183	0.3091	234	-0.0749	285	-0.1209
184	0.4421	235	-0.2349	286	-0.5229
185	0.4831	236	-0.1799	287	-0.4309
186	0.5291	237	0.0351	288	0.0031
187	0.6161	238	0.0111	289	0.0591
188	0.7091	239	0.1981	290	0.0131
189	0.7631	240	0.0861	291	-0.9779
190	0.4421	241	-0.8579	292	0.1701
191	-0.2609	242	-0.7629	325	0.0981
192	-0.2679	244	-0.4799	326	0.0991
193	-0.2749	245	-0.2989	327	0.0981
194	-0.2849	246	-0.2189	328	0.0981
195	-0.2779	247	-0.1329	329	0.0991
196	-0.2639	248	-0.0979	330	0.0951
197	-0.2469	249	-0.2349	331	0.0981
198	-0.2569	250	-0.2119	332	0.0991
199	-0.2569	251	-0.1039	333	0.0991
200	-0.2649	252	-0.0689	334	0.0991
201	-0.2489	253	0.1951	335	0.0961
202	-0.2329	254	0.0701	336	0.0991
203	-0.2469	255	-1.1029	337	0.0971
204	-0.2509	256	-1.0159	338	0.0981
205	0.2481	257	-0.9169	339	0.0981
206	0.3261	258	-0.6839	340	0.0981
207	0.2801	259	-0.5199	341	0.0991
208	0.3011	260	-0.3659	350	0.0971
210	0.2171	261	-0.1869	351	0.0971
211	0.1741	262	-0.1039	352	0.0991
212	0.0571	263	-0.3799	353	0.0981
213	-0.5679	264	-0.3199	354	0.0991
214	-0.4389	265	-0.0549	355	0.1001
215	-0.3219	266	0.0061		
216	-0.1609	267	-0.4229		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 681
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 37.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.993
TUNNEL DYNAMIC PRESSURE(PSF) = 694.
TUNNEL STAGNATION PRESSURE(PSF) = 1888.
TUNNEL STATIC PRESSURE(PSF) = 1006.
REYNOLDS NUMBER PER FOOT = 3.9790E 06
MODEL ANGLE OF ATTACK(DEG) = 11.98
FIN ANGLE(DEG) = 0.43
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 543.

SCANIVALUE	CP(REF)
147	0.8014
247	0.8004
347	0.8014
447	0.8014
547	0.7824
647	0.7824
747	0.7824

ORF	CP	ORF	CP	ORF	CP
1	-0.6606	52	-0.6846	102	-0.5576
2	-0.8646	53	-0.6626	103	-0.8766
3	-0.8166	54	-0.5776	104	-0.8436
4	-0.8336	55	-1.0576	105	-0.6486
5	-0.8306	56	-1.0226	110	-0.2246
6	-0.8106	57	-0.9756	111	-0.2576
7	-0.7676	58	-0.9596	112	-0.2206
8	-0.7066	59	-0.9336	113	-0.2306
9	-0.6586	60	-0.8926	114	0.0804
10	-0.5206	61	-0.8826	115	0.0784
11	-0.3326	62	-0.8526	116	0.0754
12	-0.1716	63	-0.8566	117	0.0774
13	-0.1356	64	-0.8916	118	0.0754
14	-0.2736	65	-0.8346	119	0.0744
15	-0.3876	66	-0.9716	120	-0.0366
16	-0.9396	67	-0.9506	121	0.0734
17	-1.0466	68	-0.9336	122	0.0764
18	-1.0646	69	-0.9106	123	0.0784
19	-1.0356	70	-0.8886	124	-0.0636
20	-1.0106	71	-0.8626	125	-0.0836
21	-0.9896	72	-0.8356	126	-0.0566
22	-0.9516	73	-0.8066	127	-0.0726
23	-0.8946	74	-0.7566	128	-0.1386
24	-0.7656	75	-0.8826	129	-0.1246
25	-0.5236	76	-0.8586	135	-0.0606
26	-0.3266	77	-0.8436	136	-0.0546
27	-0.1946	78	-0.8266	137	-0.0516
28	-0.2636	79	-0.8036	138	0.0964
29	-0.3936	80	-0.7846	139	0.0954
30	-1.1436	81	-0.7576	140	0.0984
32	-1.0786	82	-0.7316	141	0.1814
33	-1.0106	83	-0.6976	142	0.1574
34	-0.9326	84	-0.8076	143	0.1834
35	-0.8796	85	-0.7836	145	-0.0606
36	-0.7956	86	-0.7716	147	0.1514
37	-0.6586	87	-0.7596	151	-0.1236
38	-0.4996	88	-0.7346	152	-0.2436
39	-0.3746	89	-0.7016	153	-0.2306
40	-0.3726	90	-0.7326	154	-0.2356
41	-0.4616	91	-0.7376	155	-0.0936
42	-0.5696	92	-0.7216	156	-0.1296
43	-1.2026	93	-0.7026	157	-0.1856
44	-1.2006	94	-0.6656	158	0.0544
45	-1.1716	95	-0.6516	159	-0.0486
46	-1.1306	96	0.2104	160	-0.1006
47	-1.0656	97	-0.3096	161	-0.1496
48	-0.9696	98	0.4324	162	0.1224
49	-0.8886	99	0.3384	163	0.0264
50	-0.8066	100	-0.2326	164	0.0984
51	-0.7546	101	-0.6036	165	-0.1256

ORF	CP	ORF	CP	ORF	CP
166	0.2784	217	-0.1586	268	-0.4636
167	0.1034	218	-0.1236	269	-0.0626
168	0.0824	219	-0.1236	270	-0.0006
169	-0.0116	220	-0.1416	271	-0.5796
170	0.0464	221	-0.4026	272	-0.4116
171	-0.0266	222	-0.3966	273	-0.0086
172	-0.1456	223	-0.0526	274	-0.0076
173	-0.0656	224	0.0814	275	0.1724
174	-0.1466	225	0.1274	276	-0.2356
175	-0.2296	226	-0.0226	277	-0.2456
176	-0.2626	227	-0.5916	278	-1.1406
177	-0.2946	228	-0.5796	279	-1.0806
178	-0.3186	229	-0.5556	280	-0.9806
179	-0.2606	230	-0.4496	281	-0.8756
180	-0.2546	231	-0.2656	282	-0.7406
181	-0.0796	232	-0.1946	283	-0.7846
182	0.0514	233	-0.1816	284	-0.5866
183	0.3274	234	-0.1736	285	-0.1976
184	0.4914	235	-0.3086	286	-0.6026
185	0.5064	236	-0.2416	287	-0.4476
186	0.5094	237	-0.0296	288	-0.0086
187	0.5264	238	-0.0436	289	0.0784
188	0.5504	239	0.0494	290	-0.0146
189	0.5864	240	-0.0326	291	-0.9946
190	0.4954	241	-0.9456	292	0.1774
191	-0.2826	242	-0.8236	325	0.0944
192	-0.2826	244	-0.4906	326	0.0934
193	-0.2886	245	-0.3866	327	0.0924
194	-0.3186	246	-0.3546	328	0.0904
195	-0.3136	247	-0.2866	329	0.0884
196	-0.2766	248	-0.1766	330	0.0914
197	-0.2696	249	-0.2986	331	0.0934
198	-0.2776	250	-0.2766	332	0.0934
199	-0.2836	251	-0.1256	333	0.0904
200	-0.2966	252	-0.0606	334	0.0894
201	-0.2846	253	0.1424	335	0.0924
202	-0.2616	254	0.0424	336	0.0924
203	-0.2766	255	-1.1356	337	0.0934
204	-0.2906	256	-1.0626	338	0.0934
205	0.0924	257	-0.9856	339	0.0914
206	0.2354	258	-0.8516	340	0.0904
207	0.1264	259	-0.7926	341	0.0874
208	0.1594	260	-0.7176	350	0.0754
210	0.1304	261	-0.4976	351	0.0754
211	0.1394	262	-0.1706	352	0.0764
212	0.0404	263	-0.4616	353	0.0754
213	-0.6976	264	-0.4246	354	0.0774
214	-0.5486	265	-0.0716	355	0.0764
215	-0.4236	266	-0.0216		
216	-0.2566	267	-0.4826		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 682
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 37.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.008
TUNNEL DYNAMIC PRESSURE(PSF) = 703.
TUNNEL STAGNATION PRESSURE(PSF) = 1888.
TUNNEL STATIC PRESSURE(PSF) = 988.
REYNOLDS NUMBER PER FOOT = 3.9950E 06
MODEL ANGLE OF ATTACK(DEG) = 14.15
FIN ANGLE(DEG) = 0.15
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 543.

SCANIVALUE	CP(REF)
147	0.8166
247	0.8146
347	0.8156
447	0.8156
547	0.8196
647	0.8196
747	0.8186

ORF	CP	ORF	CP	ORF	CP
1	-0.7214	52	-0.7634	102	-0.6444
2	-0.8534	53	-0.7294	103	-0.8774
3	-0.8294	54	-0.7414	104	-0.8304
4	-0.8614	55	-0.9394	105	-0.6394
5	-0.8464	56	-0.9294	110	-0.1824
6	-0.8274	57	-0.9334	111	-0.2214
7	-0.8104	58	-0.9214	112	-0.1824
8	-0.7714	59	-0.8954	113	-0.2124
9	-0.7004	60	-0.8784	114	0.1066
10	-0.5744	61	-0.8644	115	0.1056
11	-0.3964	62	-0.8364	116	0.1056
12	-0.1974	63	-0.8114	117	0.1046
13	-0.1764	64	-0.7824	118	0.1056
14	-0.3384	65	-0.7724	119	0.1046
15	-0.4744	66	-0.8724	120	0.0086
16	-0.9674	67	-0.8674	121	0.1046
17	-1.0754	68	-0.8584	122	0.1056
18	-1.1394	69	-0.8504	123	0.1086
19	-1.1234	70	-0.8414	124	-0.0714
20	-1.0584	71	-0.8334	125	-0.0804
21	-1.0014	72	-0.8124	126	-0.0454
22	-0.9684	73	-0.7864	127	-0.0724
23	-0.9304	74	-0.7564	128	-0.1404
24	-0.8624	75	-0.8134	129	-0.1104
25	-0.6644	76	-0.8004	135	-0.0524
26	-0.5164	77	-0.7834	136	-0.0474
27	-0.4504	78	-0.7724	137	-0.0444
28	-0.4594	79	-0.7514	138	0.1166
29	-0.5394	80	-0.7454	139	0.1166
30	-1.1484	81	-0.7294	140	0.1166
32	-1.0764	82	-0.7154	141	0.2226
33	-1.0044	83	-0.6364	142	0.1896
34	-0.9664	84	-0.7474	143	0.2276
35	-0.9444	85	-0.7314	145	-0.0484
36	-0.9244	86	-0.7234	147	0.1876
37	-0.8684	87	-0.7004	151	-0.1324
38	-0.7744	88	-0.6864	152	-0.2454
39	-0.7384	89	-0.6744	153	-0.2264
40	-0.7104	90	-0.6834	154	-0.2324
41	-0.7274	91	-0.6804	155	-0.1164
42	-0.6864	92	-0.6594	156	-0.1334
43	-0.9894	93	-0.6494	157	-0.1734
44	-0.9844	94	-0.6444	158	0.0706
45	-0.9784	95	-0.6354	159	-0.0534
46	-0.9694	96	0.2886	160	-0.1004
47	-0.9484	97	-0.2544	161	-0.1494
48	-0.9204	98	0.4906	162	0.0996
49	-0.8844	99	0.3946	163	0.0136
50	-0.8454	100	-0.1874	164	0.1206
51	-0.8124	101	-0.6574	165	-0.1274

ORF	CP	ORF	CP	ORF	CP
166	0.2426	217	-0.1344	268	-0.4504
167	0.0776	218	-0.1094	269	-0.1034
168	0.0476	219	-0.1124	270	0.0146
169	-0.0404	220	-0.1304	271	-0.6314
170	0.0156	221	-0.3754	272	-0.4344
171	-0.0214	222	-0.3534	273	-0.0114
172	-0.1484	223	-0.0454	274	-0.0044
173	-0.0444	224	0.0666	275	0.1596
174	-0.1174	225	0.1146	276	-0.3114
175	-0.2044	226	-0.0334	277	-0.2924
176	-0.2744	227	-0.5394	278	-1.1124
177	-0.3184	228	-0.5344	279	-1.0764
178	-0.3564	229	-0.5014	280	-0.9914
179	-0.2794	230	-0.3614	281	-0.9264
180	-0.2384	231	-0.2014	282	-0.7854
181	-0.0244	232	-0.1584	283	-0.7844
182	0.0846	233	-0.1474	284	-0.6474
183	0.2706	234	-0.1414	285	-0.1984
184	0.4256	235	-0.2854	286	-0.6594
185	0.4396	236	-0.2294	287	-0.5294
186	0.4156	237	-0.0274	288	0.0006
187	0.4376	238	-0.0364	289	0.1086
188	0.4816	239	0.0706	290	-0.0024
189	0.4876	240	0.0086	291	-0.9344
190	0.5446	241	-1.0104	292	0.2346
191	-0.2824	242	-0.8974	325	0.0986
192	-0.2744	244	-0.5594	326	0.1006
193	-0.2874	245	-0.4164	327	0.1026
194	-0.3054	246	-0.3584	328	0.1056
195	-0.3224	247	-0.2834	329	0.1056
196	-0.2834	248	-0.1304	330	0.1026
197	-0.2624	249	-0.3194	331	0.1006
198	-0.2754	250	-0.3234	332	0.1046
199	-0.2744	251	-0.1054	333	0.1066
200	-0.2964	252	-0.0314	334	0.1076
201	-0.2834	253	0.1896	335	0.1036
202	-0.2624	254	0.0956	336	0.1016
203	-0.2804	255	-1.0954	337	0.0996
204	-0.2884	256	-1.0364	338	0.1016
205	0.0456	257	-0.9864	339	0.1036
206	0.2466	258	-0.8954	340	0.1056
207	0.0806	259	-0.8484	341	0.1056
208	0.1196	260	-0.8444	350	0.1036
210	0.1576	261	-0.5224	351	0.1076
211	0.1436	262	-0.1664	352	0.1046
212	0.0276	263	-0.5394	353	0.1046
213	-0.5884	264	-0.4804	354	0.1056
214	-0.4764	265	-0.0654	355	0.1046
215	-0.4334	266	-0.0254		
216	-0.2804	267	-0.5584		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 683
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 37.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.004
TUNNEL DYNAMIC PRESSURE(PSF) = 701.
TUNNEL STAGNATION PRESSURE(PSF) = 1890.
TUNNEL STATIC PRESSURE(PSF) = 994.
REYNOLDS NUMBER PER FOOT = 4.0000E 06
MODEL ANGLE OF ATTACK(DEG) = 0.12
FIN ANGLE(DEG) = 0.19
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 543.

SCANIVALUE	CP(REF)
147	0.8100
247	0.8080
347	0.8090
447	0.8090
547	0.8140
647	0.8140
747	0.8130

ORF	CP	ORF	CP	ORF	CP
1	0.1500	52	-0.0570	102	-0.4400
2	-0.2770	53	-0.2870	103	-0.7600
3	-0.3610	54	-0.4590	104	-0.7490
4	-0.2070	55	0.1460	105	-0.6010
5	-0.1070	56	0.1200	110	-0.2080
6	-0.0440	57	0.1070	111	-0.2420
7	0.0030	58	0.0920	112	-0.1440
8	0.0270	59	0.0720	113	-0.1100
9	0.0390	60	0.0470	114	0.0930
10	0.0390	61	0.0190	115	0.0940
11	0.0280	62	-0.0180	116	0.0920
12	0.0150	63	-0.0830	117	0.0940
13	-0.0210	64	-0.4650	118	0.0910
14	-0.1740	65	-0.4650	119	0.0930
15	-0.2920	66	0.1350	120	-0.1180
16	-0.1460	67	0.1160	121	0.0810
17	-0.1760	68	0.0910	122	0.0910
18	-0.0870	69	0.0670	123	0.0920
19	-0.0310	70	0.0370	124	-0.0020
20	0.0160	71	0.0070	125	-0.0430
21	0.0310	72	-0.0380	126	0.0150
22	0.0470	73	-0.1240	127	-0.0180
23	0.0480	74	-0.4820	128	-0.1970
24	0.0420	75	0.1280	129	-0.1670
25	0.0350	76	0.0970	135	0.0250
26	0.0130	77	0.0570	136	0.0220
27	-0.0340	78	0.0220	137	0.0250
28	-0.1740	79	-0.0220	138	0.1570
29	-0.3330	80	-0.0740	139	0.1520
30	-0.0170	81	-0.1980	140	0.1520
32	0.0410	82	-0.4930	141	0.2010
33	0.0510	83	0.1050	142	0.2000
34	0.0580	84	0.0590	143	0.2030
35	0.0600	85	0.0080	145	0.0240
36	0.0580	86	-0.0320	147	0.2030
37	0.0520	87	-0.0780	151	-0.0040
38	0.0340	88	-0.1670	152	-0.2430
39	0.0100	89	-0.5040	153	-0.2620
40	-0.0310	90	0.0060	154	-0.3200
41	-0.1490	91	-0.0090	155	0.0850
42	-0.3940	92	-0.0450	156	0.0910
43	0.1080	93	-0.0870	157	-0.0860
44	0.0990	94	-0.1560	158	0.3860
45	0.0900	95	-0.5050	159	0.2320
46	0.0890	96	-0.3480	160	0.1760
47	0.0820	97	-0.4380	161	0.0530
48	0.0680	98	0.1090	162	0.3590
49	0.0540	99	0.0700	163	0.2490
50	0.0330	100	-0.1860	164	0.1570
51	-0.0060	101	-0.5020	165	-0.0200

ORF	CP	ORF	CP	ORF	CP
166	0.4260	217	-0.1600	268	-0.3270
167	0.2490	218	-0.0250	269	0.0050
168	0.1970	219	0.0440	270	0.1110
169	0.0560	220	0.0220	271	-0.4640
170	0.2600	221	-0.2400	272	-0.4300
171	0.1380	222	-0.2660	273	0.0370
172	-0.0690	223	0.1910	274	0.0450
173	0.0350	224	0.2610	275	0.4460
174	-0.0710	225	0.3400	276	0.3810
175	-0.2620	226	0.1850	277	0.2340
176	-0.3380	227	-0.5220	278	-0.6680
177	-0.2360	228	-0.5150	279	-0.6090
178	-0.3780	229	-0.4880	280	-0.5470
179	-0.3290	230	-0.4010	281	-0.4040
180	-0.2660	231	-0.1630	282	-0.1730
181	0.3140	232	-0.0230	283	-0.0260
182	0.4440	233	0.0370	284	0.0500
183	0.4550	234	0.0210	285	0.0140
184	0.6290	235	-0.1640	286	-0.4790
185	0.7040	236	-0.0970	287	-0.3630
186	0.7690	237	0.1430	288	0.0500
187	0.8750	238	0.1000	289	0.0520
188	0.8950	239	0.3250	290	0.0810
189	0.9810	240	0.2040	291	-0.4830
190	0.3240	241	-0.5150	292	0.0290
191	-0.2460	242	-0.5130	325	0.0870
192	-0.2760	244	-0.3360	326	0.0860
193	-0.2780	245	-0.0970	327	0.0880
194	-0.2480	246	-0.0200	328	0.0870
195	-0.2520	247	0.0180	329	0.0890
196	-0.2800	248	0.0100	330	0.0880
197	-0.2610	249	-0.1300	331	0.0860
198	-0.2590	250	-0.1220	332	0.0880
199	-0.2590	251	-0.0350	333	0.0880
200	-0.2520	252	-0.0050	334	0.0890
201	-0.2490	253	0.3150	335	0.0890
202	-0.2490	254	0.1680	336	0.0860
203	-0.2390	255	-0.5380	337	0.0880
204	-0.2400	256	-0.5250	338	0.0860
205	0.3280	257	-0.5060	339	0.0870
206	0.3560	258	-0.4140	340	0.0870
207	0.3590	259	-0.1970	341	0.0890
208	0.3590	260	-0.0240	350	0.0940
210	0.4330	261	0.0380	351	0.0940
211	0.3680	262	0.0280	352	0.0940
212	0.2220	263	-0.2420	353	0.0960
213	-0.6260	264	-0.2280	354	0.0930
214	-0.5650	265	-0.0090	355	0.0940
215	-0.5130	266	0.0780		
216	-0.3870	267	-0.2910		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 684
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 36.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.948
TUNNEL DYNAMIC PRESSURE(PSF) = 674.
TUNNEL STAGNATION PRESSURE(PSF) = 1911.
TUNNEL STATIC PRESSURE(PSF) = 1071.
REYNOLDS NUMBER PER FOOT = 3.9850E 06
MODEL ANGLE OF ATTACK(DEG) = -14.22
FIN ANGLE(DEG) = 0.35
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 542.

SCANIVALUE	CP(REF)
147	0.7280
247	0.7250
347	0.7260
447	0.7260
547	0.7100
647	0.7100
747	0.7100

ORF	CP	ORF	CP	ORF	CP
1	0.4970	52	0.0730	102	-0.6060
2	0.1150	53	-0.2460	103	-0.8700
3	0.2030	54	-0.2080	104	-0.8170
4	0.2970	55	0.5420	105	-0.6570
5	0.3200	56	0.4810	110	-0.1020
6	0.3230	57	0.4330	111	-0.0950
7	0.3210	58	0.3830	112	-0.0800
8	0.3110	59	0.3350	113	-0.0830
9	0.2980	60	0.2800	114	0.0860
10	0.2810	61	0.2170	115	0.0850
11	0.2590	62	0.1380	116	0.0890
12	0.2300	63	0.0210	117	0.0860
13	0.1850	64	-0.2890	118	0.0830
14	-0.0290	65	-0.2220	119	0.0840
15	-0.1680	66	0.5140	120	-0.0170
16	0.4570	67	0.4510	121	0.0860
17	0.4210	68	0.3910	122	0.0870
18	0.4070	69	0.3320	123	0.0870
19	0.3870	70	0.2680	124	-0.0770
20	0.3700	71	0.1990	125	-0.1150
21	0.3540	72	0.1090	126	-0.0810
22	0.3290	73	-0.0380	127	-0.0950
23	0.3080	74	-0.2500	128	-0.1800
24	0.2880	75	0.4810	129	-0.1610
25	0.2590	76	0.4040	135	-0.0480
26	0.2200	77	0.3280	136	-0.0560
27	0.1530	78	0.2530	137	-0.0510
28	-0.0380	79	0.1630	138	0.0400
29	-0.1980	80	0.0530	139	0.0550
30	0.5360	81	-0.1530	140	0.0580
32	0.4470	82	-0.2820	141	0.1800
33	0.4140	83	0.4070	142	0.1210
34	0.3840	84	0.3430	143	0.1540
35	0.3580	85	0.2480	145	-0.0570
36	0.3310	86	0.1370	147	0.1080
37	0.2990	87	0.0180	151	0.1100
38	0.2620	88	-0.1510	152	-0.1820
39	0.2130	89	-0.3290	153	-0.1850
40	0.1360	90	0.3230	154	-0.3080
41	-0.0390	91	0.1320	155	0.0620
42	-0.2040	92	0.0050	156	0.2570
43	0.5490	93	-0.1020	157	0.0280
44	0.4920	94	-0.2300	158	0.6110
45	0.4500	95	-0.4150	159	0.3440
46	0.4130	96	-0.9460	160	0.3060
47	0.3710	97	-0.7700	161	0.1560
48	0.3330	98	-1.0350	162	0.5530
49	0.2920	99	-0.8050	163	0.3820
50	0.2410	100	-0.6520	164	0.0520
51	0.1720	101	-0.6460	165	0.0490

ORF	CP	ORF	CP	ORF	CP
166	0.3970	217	-0.7340	268	-0.4160
167	0.2860	218	-0.4290	269	0.0450
168	0.1990	219	-0.1170	270	0.2220
169	0.0170	220	-0.0450	271	-0.5720
170	0.3630	221	-0.2090	272	-0.5990
171	0.0900	222	-0.1440	273	0.0260
172	-0.1230	223	0.2640	274	0.0260
173	0.1130	224	0.2830	275	0.1120
174	-0.0020	225	0.2210	276	0.7550
175	-0.2550	226	0.0800	277	0.5360
176	-0.3680	227	-1.1440	278	-0.5370
177	-0.1710	228	-1.0880	279	-0.4450
178	-0.3230	229	-0.9680	280	-0.2630
179	-0.3140	230	-0.7890	281	0.1600
180	-0.2910	231	-0.5610	282	0.3140
181	0.5420	232	-0.3690	283	0.3000
182	0.7030	233	-0.1470	284	0.2810
183	0.3100	234	-0.0600	285	0.1850
184	0.4430	235	-0.1440	286	-0.6410
185	0.5670	236	-0.0070	287	-0.5700
186	0.7750	237	0.1640	288	-0.0540
187	0.9290	238	0.1560	289	-0.0700
188	1.0350	239	0.2430	290	0.2030
189	1.0720	240	0.1460	291	-0.5930
190	0.0400	241	-0.7660	292	-0.3700
191	-0.2030	242	-0.7370	325	0.0970
192	-0.2900	244	-0.5570	326	0.0950
193	-0.2810	245	-0.3630	327	0.0960
194	-0.2520	246	-0.2110	328	0.0950
195	-0.2660	247	-0.0290	329	0.0980
196	-0.2780	248	0.0300	330	0.0990
197	-0.2660	249	-0.0910	331	0.0950
198	-0.2640	250	-0.0780	332	0.0960
199	-0.2720	251	0.0200	333	0.0960
200	-0.2490	252	0.0590	334	0.0980
201	-0.2560	253	0.5070	335	0.0990
202	-0.2670	254	0.2710	336	0.0960
203	-0.2670	255	-0.5000	337	0.0960
204	-0.2620	256	-0.4720	338	0.0950
205	0.0060	257	-0.4320	339	0.0950
206	-0.0320	258	-0.2890	340	0.0940
207	0.0040	259	-0.0590	341	0.0980
208	0.0400	260	0.0440	350	0.0860
210	0.5110	261	0.1260	351	0.0850
211	0.0770	262	0.1490	352	0.0850
212	0.0140	263	-0.2000	353	0.0860
213	-1.0750	264	-0.2750	354	0.0850
214	-1.0390	265	0.0560	355	0.0860
215	-0.9420	266	0.1900		
216	-0.7560	267	-0.2350		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 685
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 36.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.944
TUNNEL DYNAMIC PRESSURE(PSF) = 671.
TUNNEL STAGNATION PRESSURE(PSF) = 1909.
TUNNEL STATIC PRESSURE(PSF) = 1076.
REYNOLDS NUMBER PER FOOT = 3.9790E 06
MODEL ANGLE OF ATTACK(DEG) = -12.08
FIN ANGLE(DEG) = 0.45
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.7244
247	0.7244
347	0.7244
447	0.7254
547	0.7094
647	0.7084
747	0.7084

ORF	CP	ORF	CP	ORF	CP
1	0.4404	52	0.0434	102	-0.5196
2	0.1004	53	-0.2746	103	-0.8706
3	0.1554	54	-0.2416	104	-0.8366
4	0.2274	55	0.4984	105	-0.6526
5	0.2524	56	0.4364	110	-0.0756
6	0.2594	57	0.3864	111	-0.0746
7	0.2644	58	0.3404	112	-0.0616
8	0.2594	59	0.2934	113	-0.0726
9	0.2524	60	0.2414	114	0.0854
10	0.2374	61	0.1814	115	0.0884
11	0.2154	62	0.1054	116	0.0884
12	0.1874	63	-0.0126	117	0.0874
13	0.1444	64	-0.4276	118	0.0854
14	-0.0666	65	-0.2466	119	0.0864
15	-0.2036	66	0.4754	120	-0.0606
16	0.3794	67	0.4074	121	0.0824
17	0.3424	68	0.3494	122	0.0854
18	0.3304	69	0.2904	123	0.0874
19	0.3194	70	0.2284	124	-0.0546
20	0.3074	71	0.1594	125	-0.0936
21	0.2924	72	0.0724	126	-0.0716
22	0.2794	73	-0.0786	127	-0.0816
23	0.2624	74	-0.2716	128	-0.1646
24	0.2394	75	0.4434	129	-0.1276
25	0.2174	76	0.3614	135	-0.0256
26	0.1814	77	0.2864	136	-0.0366
27	0.1154	78	0.2104	137	-0.0276
28	-0.0726	79	0.1224	138	0.0694
29	-0.2336	80	0.0134	139	0.0724
30	0.4724	81	-0.1996	140	0.0724
32	0.3814	82	-0.3136	141	0.1544
33	0.3554	83	0.3704	142	0.0894
34	0.3304	84	0.3054	143	0.1274
35	0.3074	85	0.2054	145	-0.0396
36	0.2824	86	0.0994	147	0.0834
37	0.2534	87	-0.0216	151	0.0784
38	0.2204	88	-0.1856	152	-0.1696
39	0.1744	89	-0.3556	153	-0.1846
40	0.0994	90	0.2874	154	-0.2986
41	-0.0706	91	0.0904	155	0.0984
42	-0.2466	92	-0.0366	156	0.2284
43	0.4994	93	-0.1296	157	0.0124
44	0.4434	94	-0.2536	158	0.6184
45	0.3994	95	-0.4226	159	0.3314
46	0.3644	96	-0.9496	160	0.3054
47	0.3284	97	-0.6386	161	0.1554
48	0.2914	98	-1.0606	162	0.5604
49	0.2514	99	-0.8686	163	0.4014
50	0.2034	100	-0.6446	164	0.0704
51	0.1384	101	-0.6006	165	0.0594

ORF	CP	ORF	CP	ORF	CP
166	0.3794	217	-0.7696	268	-0.4096
167	0.3184	218	-0.3936	269	0.0494
168	0.2354	219	-0.1016	270	0.2064
169	0.0474	220	-0.0446	271	-0.5386
170	0.3524	221	-0.2036	272	-0.5676
171	0.1034	222	-0.1966	273	0.0314
172	-0.1116	223	0.2414	274	0.0254
173	0.0924	224	0.2564	275	0.1584
174	-0.0146	225	0.2524	276	0.6494
175	-0.2736	226	0.1064	277	0.4694
176	-0.3816	227	-1.2046	278	-0.5246
177	-0.1796	228	-1.1336	279	-0.3836
178	-0.3456	229	-1.0096	280	-0.1796
179	-0.2906	230	-0.8036	281	0.1204
180	-0.2936	231	-0.5306	282	0.2454
181	0.4984	232	-0.3366	283	0.2364
182	0.6704	233	-0.1166	284	0.2364
183	0.3064	234	-0.0436	285	0.1474
184	0.4434	235	-0.1626	286	-0.5906
185	0.5844	236	-0.0296	287	-0.5036
186	0.8024	237	0.1624	288	-0.0226
187	1.0094	238	0.1534	289	-0.0216
188	1.0934	239	0.2984	290	0.1964
189	1.1024	240	0.1974	291	-0.5756
190	0.0824	241	-0.8206	292	-0.2876
191	-0.2146	242	-0.7756	325	0.0974
192	-0.2726	244	-0.5566	326	0.0974
193	-0.2726	245	-0.3536	327	0.0974
194	-0.2586	246	-0.2056	328	0.0954
195	-0.2666	247	-0.0356	329	0.0914
196	-0.2776	248	0.0174	330	0.0954
197	-0.2676	249	-0.1096	331	0.0974
198	-0.2676	250	-0.0966	332	0.0974
199	-0.2666	251	0.0064	333	0.0964
200	-0.2496	252	0.0414	334	0.0924
201	-0.2446	253	0.5444	335	0.0954
202	-0.2706	254	0.3084	336	0.0964
203	-0.2676	255	-0.5136	337	0.0974
204	-0.2626	256	-0.5026	338	0.0974
205	0.0484	257	-0.4736	339	0.0974
206	-0.0046	258	-0.3656	340	0.0964
207	0.0394	259	-0.1236	341	0.0914
208	0.0724	260	-0.0016	350	0.0864
210	0.5044	261	0.1064	351	0.0874
211	0.1624	262	0.1384	352	0.0874
212	0.0704	263	-0.2076	353	0.0854
213	-1.0746	264	-0.2646	354	0.0864
214	-1.0376	265	0.0574	355	0.0864
215	-0.9396	266	0.1844		
216	-0.7656	267	-0.2646		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 687
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 36.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.954
TUNNEL DYNAMIC PRESSURE(PSF) = 678.
TUNNEL STAGNATION PRESSURE(PSF) = 1911.
TUNNEL STATIC PRESSURE(PSF) = 1064.
REYNOLDS NUMBER PER FOOT = 4.0030E 06
MODEL ANGLE OF ATTACK(DEG) = -8.10
FIN ANGLE(DEG) = 0.24
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.7327
247	0.7327
347	0.7327
447	0.7317
547	0.7327
647	0.7337
747	0.7327

ORF	CP	ORF	CP	ORF	CP
1	0.3107	52	0.0007	102	-0.4813
2	0.0377	53	-0.2923	103	-0.7723
3	0.0477	54	-0.3723	104	-0.7403
4	0.0897	55	0.4077	105	-0.6313
5	0.1197	56	0.3417	110	-0.0643
6	0.1347	57	0.2917	111	-0.0613
7	0.1507	58	0.2517	112	-0.0283
8	0.1547	59	0.2227	113	-0.0383
9	0.1547	60	0.1807	114	0.0967
10	0.1477	61	0.1237	115	0.0957
11	0.1347	62	0.0577	116	0.0967
12	0.1127	63	-0.0463	117	0.0957
13	0.0667	64	-0.4983	118	0.0977
14	-0.1263	65	-0.4203	119	0.0957
15	-0.2443	66	0.4017	120	0.0907
16	0.2427	67	0.3257	121	0.0957
17	0.2027	68	0.2657	122	0.0957
18	0.1957	69	0.2137	123	0.0977
19	0.1927	70	0.1687	124	-0.0123
20	0.1917	71	0.1107	125	-0.0413
21	0.1897	72	0.0297	126	-0.0213
22	0.1837	73	-0.1063	127	-0.0313
23	0.1747	74	-0.4453	128	-0.1093
24	0.1567	75	0.3777	129	-0.0613
25	0.1437	76	0.2917	135	0.0147
26	0.1117	77	0.2147	136	0.0067
27	0.0557	78	0.1427	137	0.0177
28	-0.1153	79	0.0607	138	0.1007
29	-0.2823	80	-0.0343	139	0.0967
30	0.3387	81	-0.2223	140	0.1037
32	0.2747	82	-0.4913	141	0.1587
33	0.2517	83	0.3127	142	0.1227
34	0.2317	84	0.2377	143	0.1407
35	0.2157	85	0.1357	145	0.0057
36	0.2017	86	0.0267	147	0.1207
37	0.1797	87	-0.0693	151	0.0357
38	0.1497	88	-0.2203	152	-0.1933
39	0.1137	89	-0.5353	153	-0.2073
40	0.0477	90	0.2267	154	-0.2993
41	-0.1013	91	0.0277	155	0.0877
42	-0.3143	92	-0.0903	156	0.1827
43	0.3927	93	-0.1773	157	-0.0103
44	0.3347	94	-0.2813	158	0.5117
45	0.2987	95	-0.5863	159	0.3137
46	0.2717	96	-0.8313	160	0.2897
47	0.2467	97	-0.5233	161	0.1467
48	0.2187	98	-1.0123	162	0.5027
49	0.1817	99	-0.9383	163	0.3877
50	0.1407	100	-0.5773	164	0.0987
51	0.0817	101	-0.5533	165	0.0747

ORF	CP
166	0.3287
167	0.3237
168	0.2687
169	0.0827
170	0.3537
171	0.1337
172	-0.0813
173	0.0927
174	-0.0123
175	-0.2803
176	-0.3553
177	-0.2053
178	-0.3783
179	-0.3323
180	-0.2553
181	0.4137
182	0.5727
183	0.3717
184	0.5717
185	0.7517
186	0.9747
187	1.0797
188	1.0987
189	1.1257
190	0.0957
191	-0.1953
192	-0.2493
193	-0.2493
194	-0.2193
195	-0.2203
196	-0.2573
197	-0.2353
198	-0.2323
199	-0.2403
200	-0.2153
201	-0.2253
202	-0.2363
203	-0.2313
204	-0.2233
205	0.1447
206	0.1587
207	0.1507
208	0.1837
210	0.5167
211	0.2917
212	0.1597
213	-1.0373
214	-1.0033
215	-0.9223
216	-0.7773

ORF	CP
217	-0.7153
218	-0.2523
219	-0.0303
220	-0.0213
221	-0.2103
222	-0.2433
223	0.1717
224	0.2087
225	0.3267
226	0.1657
227	-1.2243
228	-1.1633
229	-1.0923
230	-0.9043
231	-0.4133
232	-0.1853
233	-0.0263
234	-0.0033
235	-0.2073
236	-0.0703
237	0.1747
238	0.1557
239	0.3717
240	0.2527
241	-0.9213
242	-0.7933
244	-0.5063
245	-0.2723
246	-0.1353
247	-0.0003
248	0.0247
249	-0.1353
250	-0.1323
251	-0.0133
252	0.0187
253	0.4687
254	0.2877
255	-0.5703
256	-0.5563
257	-0.5243
258	-0.4043
259	-0.1603
260	-0.0123
261	0.0967
262	0.1007
263	-0.2383
264	-0.2723
265	0.0327
266	0.1397
267	-0.2953

ORF	CP
268	-0.3843
269	0.0197
270	0.1457
271	-0.4913
272	-0.5103
273	-0.0013
274	0.0057
275	0.2747
276	0.4637
277	0.3587
278	-0.4473
279	-0.2833
280	-0.1093
281	0.0437
282	0.1137
283	0.1387
284	0.1577
285	0.0927
286	-0.5333
287	-0.4473
288	-0.0123
289	-0.0083
290	0.1527
291	-0.6023
292	-0.1783
325	0.1027
326	0.1017
327	0.1027
328	0.1047
329	0.1027
330	0.1047
331	0.1027
332	0.1037
333	0.1057
334	0.1037
335	0.1057
336	0.1027
337	0.1017
338	0.1017
339	0.1027
340	0.1027
341	0.1027
350	0.0987
351	0.0937
352	0.0927
353	0.0957
354	0.0957
355	0.0947

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 688
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 36.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.949
TUNNEL DYNAMIC PRESSURE(PSF) = 675.
TUNNEL STAGNATION PRESSURE(PSF) = 1911.
TUNNEL STATIC PRESSURE(PSF) = 1070.
REYNOLDS NUMBER PER FOOT = 3.9960E 06
MODEL ANGLE OF ATTACK(DEG) = -6.06
FIN ANGLE(DEG) = 0.13
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.7268
247	0.7258
347	0.7268
447	0.7268
547	0.7258
647	0.7248
747	0.7248

ORF	CP	ORF	CP	ORF	CP
1	0.1978	52	-0.0422	102	-0.4822
2	0.0048	53	-0.3242	103	-0.8072
3	0.0148	54	-0.4042	104	-0.7942
4	0.0508	55	0.3488	105	-0.6312
5	0.0698	56	0.2848	110	-0.0902
6	0.0828	57	0.2448	111	-0.0612
7	0.0868	58	0.2108	112	-0.0132
8	0.0958	59	0.1748	113	-0.0252
9	0.0928	60	0.1348	114	0.0858
10	0.0848	61	0.0808	115	0.0858
11	0.0728	62	0.0178	116	0.0868
12	0.0478	63	-0.0782	117	0.0858
13	0.0018	64	-0.5272	118	0.0868
14	-0.1772	65	-0.4612	119	0.0868
15	-0.2832	66	0.3468	120	-0.0232
16	0.1688	67	0.2758	121	0.0858
17	0.1318	68	0.2198	122	0.0888
18	0.1248	69	0.1658	123	0.0878
19	0.1268	70	0.1248	124	0.0008
20	0.1288	71	0.0688	125	-0.0232
21	0.1258	72	-0.0062	126	-0.0032
22	0.1218	73	-0.1342	127	-0.0152
23	0.1138	74	-0.4982	128	-0.1112
24	0.1018	75	0.3308	129	-0.0542
25	0.0798	76	0.2428	135	0.0268
26	0.0478	77	0.1708	136	0.0198
27	-0.0112	78	0.1008	137	0.0288
28	-0.1722	79	0.0218	138	0.1118
29	-0.3152	80	-0.0732	139	0.1138
30	0.2548	81	-0.2452	140	0.1158
32	0.1958	82	-0.5462	141	0.1418
33	0.1828	83	0.2718	142	0.1258
34	0.1668	84	0.1908	143	0.1358
35	0.1558	85	0.0908	145	0.0198
36	0.1428	86	-0.0162	147	0.1258
37	0.1228	87	-0.1202	151	-0.0052
38	0.0928	88	-0.2482	152	-0.2112
39	0.0568	89	-0.5872	153	-0.2162
40	-0.0082	90	0.1778	154	-0.2932
41	-0.1502	91	-0.0222	155	0.0488
42	-0.3432	92	-0.1262	156	0.1218
43	0.3218	93	-0.2082	157	-0.0522
44	0.2708	94	-0.3012	158	0.4488
45	0.2388	95	-0.6352	159	0.2608
46	0.2178	96	-0.8032	160	0.2358
47	0.1918	97	-0.5492	161	0.1028
48	0.1618	98	-0.7522	162	0.4338
49	0.1278	99	-0.6712	163	0.3248
50	0.0908	100	-0.6582	164	0.1118
51	0.0358	101	-0.5492	165	0.0368

ORF	CP	ORF	CP	ORF	CP
166	0.3068	217	-0.4222	268	-0.3692
167	0.2888	218	-0.1622	269	-0.0342
168	0.2258	219	-0.0372	270	0.0648
169	0.0538	220	-0.0452	271	-0.4932
170	0.3148	221	-0.2402	272	-0.4742
171	0.1108	222	-0.2782	273	-0.0392
172	-0.0912	223	0.1648	274	-0.0312
173	0.0658	224	0.2068	275	0.2888
174	-0.0442	225	0.3348	276	0.3308
175	-0.2542	226	0.1628	277	0.2218
176	-0.3392	227	-1.2362	278	-0.3572
177	-0.2312	228	-1.1832	279	-0.2732
178	-0.3922	229	-1.0662	280	-0.1252
179	-0.3402	230	-0.8862	281	0.0128
180	-0.2512	231	-0.2992	282	0.0598
181	0.3478	232	-0.1062	283	0.0788
182	0.4928	233	-0.0242	284	0.0938
183	0.3908	234	-0.0192	285	0.0268
184	0.5718	235	-0.2232	286	-0.5342
185	0.7148	236	-0.1132	287	-0.4182
186	0.8248	237	0.1418	288	-0.0292
187	0.9438	238	0.1188	289	-0.0312
188	1.0668	239	0.3638	290	0.0858
189	1.1118	240	0.2448	291	-0.5662
190	0.0968	241	-0.8902	292	-0.1752
191	-0.1942	242	-0.7872	325	0.0868
192	-0.2382	244	-0.4992	326	0.0898
193	-0.2472	245	-0.2612	327	0.0878
194	-0.2242	246	-0.1152	328	0.0868
195	-0.2222	247	-0.0012	329	0.0858
196	-0.2432	248	0.0048	330	0.0878
197	-0.2362	249	-0.1642	331	0.0908
198	-0.2372	250	-0.1512	332	0.0898
199	-0.2372	251	-0.0272	333	0.0888
200	-0.2242	252	0.0078	334	0.0868
201	-0.2132	253	0.3638	335	0.0898
202	-0.2262	254	0.2188	336	0.0878
203	-0.2242	255	-0.5882	337	0.0858
204	-0.2232	256	-0.5692	338	0.0898
205	0.1908	257	-0.5222	339	0.0888
206	0.2048	258	-0.3802	340	0.0858
207	0.2068	259	-0.1162	341	0.0858
208	0.2158	260	0.0088	350	0.0868
210	0.4758	261	0.0688	351	0.0858
211	0.3008	262	0.0468	352	0.0858
212	0.1468	263	-0.2712	353	0.0868
213	-1.0562	264	-0.2702	354	0.0868
214	-1.0232	265	-0.0142	355	0.0878
215	-0.9432	266	0.0648		
216	-0.7712	267	-0.3232		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 689
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 36.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.949
TUNNEL DYNAMIC PRESSURE(PSF) = 675.
TUNNEL STAGNATION PRESSURE(PSF) = 1911.
TUNNEL STATIC PRESSURE(PSF) = 1070.
REYNOLDS NUMBER PER FOOT = 3.9940E 06
MODEL ANGLE OF ATTACK(DEG) = -4.03
FIN ANGLE(DEG) = 0.38
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.7268
247	0.7258
347	0.7258
447	0.7268
547	0.7248
647	0.7248
747	0.7248

ORF	CP	ORF	CP	ORF	CP
1	0.1248	52	-0.0762	102	-0.4712
2	-0.1282	53	-0.3472	103	-0.7822
3	-0.0832	54	-0.4412	104	-0.7652
4	-0.0112	55	0.2838	105	-0.5832
5	0.0188	56	0.2248	110	-0.0922
6	0.0318	57	0.1868	111	-0.0752
7	0.0448	58	0.1588	112	-0.0152
8	0.0518	59	0.1248	113	-0.0252
9	0.0508	60	0.0878	114	0.0788
10	0.0438	61	0.0398	115	0.0808
11	0.0308	62	-0.0202	116	0.0798
12	0.0058	63	-0.1072	117	0.0798
13	-0.0372	64	-0.5502	118	0.0788
14	-0.2092	65	-0.5062	119	0.0788
15	-0.3112	66	0.2818	120	-0.0262
16	0.0678	67	0.2148	121	0.0798
17	0.0558	68	0.1618	122	0.0788
18	0.0688	69	0.1148	123	0.0798
19	0.0678	70	0.0688	124	0.0068
20	0.0728	71	0.0188	125	-0.0172
21	0.0738	72	-0.0432	126	0.0058
22	0.0708	73	-0.1552	127	-0.0072
23	0.0628	74	-0.5402	128	-0.0712
24	0.0528	75	0.2678	129	-0.0582
25	0.0348	76	0.1878	135	0.0338
26	0.0038	77	0.1258	136	0.0248
27	-0.0522	78	0.0648	137	0.0328
28	-0.2072	79	-0.0042	138	0.1178
29	-0.3392	80	-0.0922	139	0.1218
30	0.1668	81	-0.2542	140	0.1148
32	0.1318	82	-0.5752	141	0.1338
33	0.1288	83	0.2128	142	0.1248
34	0.1148	84	0.1338	143	0.1308
35	0.1038	85	0.0398	145	0.0228
36	0.0918	86	-0.0562	147	0.1278
37	0.0728	87	-0.1422	151	-0.0352
38	0.0468	88	-0.2652	152	-0.2162
39	0.0118	89	-0.6102	153	-0.2252
40	-0.0472	90	0.1148	154	-0.2792
41	-0.1832	91	-0.0572	155	0.0548
42	-0.3692	92	-0.1382	156	0.0888
43	0.2488	93	-0.2062	157	-0.0732
44	0.1998	94	-0.3002	158	0.4128
45	0.1768	95	-0.5952	159	0.2228
46	0.1628	96	-0.7522	160	0.1918
47	0.1388	97	-0.5622	161	0.0778
48	0.1088	98	-0.3572	162	0.3648
49	0.0808	99	-0.4322	163	0.2548
50	0.0468	100	-0.4272	164	0.1198
51	-0.0042	101	-0.5262	165	-0.0152

ORF	CP
166	0.3338
167	0.2488
168	0.1758
169	0.0268
170	0.2378
171	0.1318
172	-0.0782
173	0.0808
174	-0.0532
175	-0.1832
176	-0.3142
177	-0.2582
178	-0.4182
179	-0.3472
180	-0.2332
181	0.3188
182	0.4628
183	0.4508
184	0.6328
185	0.7048
186	0.8008
187	0.9388
188	1.0358
189	1.0878
190	0.1408
191	-0.1942
192	-0.2322
193	-0.2342
194	-0.2212
195	-0.2112
196	-0.2412
197	-0.2182
198	-0.2232
199	-0.2202
200	-0.2112
201	-0.2022
202	-0.2132
203	-0.2092
204	-0.1982
205	0.2208
206	0.2428
207	0.2418
208	0.2388
210	0.4478
211	0.3388
212	0.1738
213	-1.0552
214	-1.0342
215	-0.9522
216	-0.7012

ORF	CP
217	-0.2712
218	-0.0982
219	-0.0282
220	-0.0432
221	-0.2602
222	-0.2862
223	0.1628
224	0.2338
225	0.3808
226	0.2138
227	-1.2042
228	-1.1292
229	-1.0642
230	-0.7212
231	-0.2622
232	-0.0682
233	-0.0132
234	-0.0182
235	-0.2302
236	-0.1262
237	0.1498
238	0.1308
239	0.3368
240	0.2198
241	-0.8232
242	-0.7482
244	-0.4792
245	-0.2182
246	-0.0792
247	-0.0022
248	-0.0092
249	-0.1822
250	-0.1512
251	-0.0272
252	-0.0032
253	0.2908
254	0.1318
255	-0.5752
256	-0.5352
257	-0.4772
258	-0.2922
259	-0.0702
260	-0.0062
261	0.0178
262	-0.0072
263	-0.2782
264	-0.2452
265	-0.0382
266	0.0388
267	-0.3222

ORF	CP
268	-0.3302
269	-0.0452
270	0.0528
271	-0.4802
272	-0.4552
273	-0.0362
274	-0.0192
275	0.3278
276	0.2918
277	0.1698
278	-0.5082
279	-0.4582
280	-0.3122
281	-0.0952
282	0.0078
283	0.0308
284	0.0478
285	-0.0152
286	-0.5042
287	-0.4192
288	-0.0072
289	-0.0052
290	0.0448
291	-0.4892
292	-0.1272
325	0.0928
326	0.0908
327	0.0938
328	0.0908
329	0.0898
330	0.0908
331	0.0918
332	0.0948
333	0.0918
334	0.0908
335	0.0908
336	0.0938
337	0.0918
338	0.0908
339	0.0928
340	0.0898
341	0.0888
350	0.0828
351	0.0798
352	0.0798
353	0.0808
354	0.0828
355	0.0848

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 690
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 36.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.952
TUNNEL DYNAMIC PRESSURE(PSF) = 675.
TUNNEL STAGNATION PRESSURE(PSF) = 1907.
TUNNEL STATIC PRESSURE(PSF) = 1064.
REYNOLDS NUMBER PER FOOT = 3.9930E 06
MODEL ANGLE OF ATTACK(DEG) = -1.91
FIN ANGLE(DEG) = 0.53
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.7347
247	0.7337
347	0.7347
447	0.7347
547	0.7377
647	0.7377
747	0.7377

ORF	CP	ORF	CP	ORF	CP
1	0.0837	52	-0.1023	102	-0.4683
2	-0.2453	53	-0.3593	103	-0.7673
3	-0.2553	54	-0.5163	104	-0.7593
4	-0.1363	55	0.1917	105	-0.5773
5	-0.0423	56	0.1447	110	-0.0863
6	-0.0073	57	0.1237	111	-0.0753
7	0.0137	58	0.0987	112	-0.0183
8	0.0177	59	0.0697	113	-0.0223
9	0.0167	60	0.0377	114	0.0917
10	0.0107	61	-0.0023	115	0.0917
11	-0.0003	62	-0.0533	116	0.0907
12	-0.0253	63	-0.1333	117	0.0917
13	-0.0643	64	-0.5663	118	0.0907
14	-0.2293	65	-0.5383	119	0.0917
15	-0.3373	66	0.1887	120	-0.0293
16	-0.0653	67	0.1367	121	0.0917
17	-0.0523	68	0.0957	122	0.0957
18	-0.0123	69	0.0577	123	0.0947
19	0.0097	70	0.0197	124	0.0217
20	0.0257	71	-0.0243	125	-0.0013
21	0.0317	72	-0.0833	126	0.0207
22	0.0327	73	-0.1833	127	0.0077
23	0.0237	74	-0.5723	128	-0.0783
24	0.0167	75	0.1757	129	-0.0393
25	-0.0003	76	0.1207	135	0.0497
26	-0.0273	77	0.0707	136	0.0417
27	-0.0803	78	0.0167	137	0.0467
28	-0.2333	79	-0.0463	138	0.1317
29	-0.3673	80	-0.1213	139	0.1327
30	0.0647	81	-0.2573	140	0.1277
32	0.0717	82	-0.5863	141	0.1407
33	0.0697	83	0.1387	142	0.1407
34	0.0647	84	0.0657	143	0.1397
35	0.0547	85	-0.0163	145	0.0407
36	0.0487	86	-0.0873	147	0.1397
37	0.0327	87	-0.1463	151	-0.0563
38	0.0107	88	-0.2483	152	-0.2353
39	-0.0233	89	-0.5923	153	-0.2563
40	-0.0783	90	0.0237	154	-0.2863
41	-0.2053	91	-0.0753	155	0.0497
42	-0.4163	92	-0.1193	156	0.0807
43	0.1667	93	-0.1713	157	-0.0853
44	0.1307	94	-0.2503	158	0.4467
45	0.1127	95	-0.5863	159	0.2307
46	0.1017	96	-0.6503	160	0.1897
47	0.0847	97	-0.5493	161	0.0727
48	0.0627	98	-0.0233	162	0.3607
49	0.0397	99	-0.0763	163	0.2717
50	0.0087	100	-0.2763	164	0.1327
51	-0.0393	101	-0.5183	165	-0.0043

ORF	CP	ORF	CP	ORF	CP
166	0.3507	217	-0.2613	268	-0.3303
167	0.2757	218	-0.1073	269	-0.0363
168	0.2057	219	-0.0083	270	0.0707
169	0.0527	220	-0.0233	271	-0.4853
170	0.2367	221	-0.2463	272	-0.4583
171	0.1607	222	-0.2983	273	-0.0133
172	-0.0653	223	0.1177	274	0.0047
173	0.0567	224	0.2227	275	0.3787
174	-0.0583	225	0.3717	276	0.3137
175	-0.2203	226	0.2007	277	0.1647
176	-0.3093	227	-0.8323	278	-0.6073
177	-0.2813	228	-0.7643	279	-0.5743
178	-0.4453	229	-0.6893	280	-0.5193
179	-0.4003	230	-0.5413	281	-0.3123
180	-0.2353	231	-0.2633	282	-0.0503
181	0.3537	232	-0.0973	283	0.0047
182	0.5007	233	-0.0013	284	0.0217
183	0.4667	234	-0.0143	285	-0.0353
184	0.6597	235	-0.2173	286	-0.4933
185	0.7477	236	-0.1313	287	-0.4343
186	0.8707	237	0.1417	288	0.0117
187	0.9907	238	0.1077	289	0.0217
188	1.0617	239	0.2947	290	0.0467
189	1.0787	240	0.1657	291	-0.4843
190	0.2377	241	-0.6273	292	-0.0493
191	-0.2103	242	-0.6093	325	0.0937
192	-0.2423	244	-0.3663	326	0.0927
193	-0.2483	245	-0.1433	327	0.0937
194	-0.2163	246	-0.0643	328	0.0927
195	-0.2133	247	-0.0213	329	0.0917
196	-0.2413	248	-0.0313	330	0.0927
197	-0.2243	249	-0.1813	331	0.0937
198	-0.2213	250	-0.1553	332	0.0947
199	-0.2173	251	-0.0513	333	0.0937
200	-0.2113	252	-0.0263	334	0.0927
201	-0.2063	253	0.2467	335	0.0937
202	-0.2033	254	0.0937	336	0.0937
203	-0.2093	255	-0.5423	337	0.0927
204	-0.2003	256	-0.5283	338	0.0927
205	0.2497	257	-0.4913	339	0.0937
206	0.2767	258	-0.3253	340	0.0927
207	0.2767	259	-0.1043	341	0.0917
208	0.2717	260	-0.0343	350	0.0907
210	0.4157	261	-0.0123	351	0.0917
211	0.3977	262	-0.0263	352	0.0907
212	0.2297	263	-0.2863	353	0.0897
213	-0.9573	264	-0.2453	354	0.0907
214	-0.8623	265	-0.0423	355	0.0927
215	-0.7713	266	0.0467		
216	-0.5173	267	-0.3273		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 691
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 36.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.950
TUNNEL DYNAMIC PRESSURE(PSF) = 674.
TUNNEL STAGNATION PRESSURE(PSF) = 1907.
TUNNEL STATIC PRESSURE(PSF) = 1067.
REYNOLDS NUMBER PER FOOT = 3.9880E 06
MODEL ANGLE OF ATTACK(DEG) = 0.13
FIN ANGLE(DEG) = 0.56
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.7349
247	0.7329
347	0.7339
447	0.7349
547	0.7289
647	0.7289
747	0.7279

ORF	CP	ORF	CP	ORF	CP
1	0.0999	52	-0.1341	102	-0.4841
2	-0.3471	53	-0.3861	103	-0.7611
3	-0.4081	54	-0.5531	104	-0.7581
4	-0.2781	55	0.0899	105	-0.5851
5	-0.1691	56	0.0669	110	-0.1351
6	-0.0871	57	0.0469	111	-0.1071
7	-0.0401	58	0.0309	112	-0.0231
8	-0.0201	59	0.0089	113	-0.0241
9	-0.0131	60	-0.0171	114	0.0709
10	-0.0141	61	-0.0521	115	0.0719
11	-0.0201	62	-0.0971	116	0.0709
12	-0.0391	63	-0.1701	117	0.0729
13	-0.0771	64	-0.5801	118	0.0729
14	-0.2421	65	-0.5651	119	0.0719
15	-0.3651	66	0.0759	120	-0.0291
16	-0.1981	67	0.0539	121	0.0689
17	-0.1961	68	0.0319	122	0.0709
18	-0.1171	69	0.0019	123	0.0709
19	-0.0651	70	-0.0321	124	0.0209
20	-0.0281	71	-0.0671	125	-0.0051
21	-0.0091	72	-0.1221	126	0.0159
22	-0.0031	73	-0.2181	127	0.0039
23	-0.0021	74	-0.5921	128	-0.0541
24	-0.0061	75	0.0649	129	-0.0341
25	-0.0211	76	0.0279	135	0.0449
26	-0.0421	77	-0.0111	136	0.0369
27	-0.0911	78	-0.0511	137	0.0449
28	-0.2491	79	-0.0991	138	0.1269
29	-0.4141	80	-0.1561	139	0.1259
30	-0.0441	81	-0.2881	140	0.1239
32	-0.0091	82	-0.6021	141	0.1339
33	0.0069	83	0.0479	142	0.1329
34	0.0119	84	-0.0071	143	0.1339
35	0.0149	85	-0.0641	145	0.0389
36	0.0099	86	-0.1081	147	0.1329
37	-0.0041	87	-0.1581	151	-0.0411
38	-0.0201	88	-0.2521	152	-0.2441
39	-0.0471	89	-0.6131	153	-0.2411
40	-0.1001	90	-0.0621	154	-0.2941
41	-0.2241	91	-0.0811	155	0.0099
42	-0.4751	92	-0.1201	156	0.0949
43	0.0599	93	-0.1651	157	-0.0871
44	0.0479	94	-0.2381	158	0.3549
45	0.0419	95	-0.6101	159	0.2419
46	0.0319	96	-0.3771	160	0.1799
47	0.0229	97	-0.5371	161	0.0549
48	0.0119	98	0.0469	162	0.3319
49	-0.0091	99	-0.0021	163	0.2639
50	-0.0341	100	-0.2651	164	0.1259
51	-0.0721	101	-0.5401	165	-0.0181

ORF	CP	ORF	CP	ORF	CP
166	0.3929	217	-0.1451	268	-0.3781
167	0.2649	218	-0.0461	269	-0.0331
168	0.1999	219	-0.0161	270	0.0769
169	0.0669	220	-0.0421	271	-0.5101
170	0.1849	221	-0.2681	272	-0.4951
171	0.1469	222	-0.3241	273	-0.0111
172	-0.0671	223	0.0859	274	0.0099
173	-0.0041	224	0.2019	275	0.3769
174	-0.1001	225	0.2829	276	0.3539
175	-0.2741	226	0.1219	277	0.1889
176	-0.2981	227	-0.6351	278	-0.7631
177	-0.2611	228	-0.6051	279	-0.7071
178	-0.4261	229	-0.5601	280	-0.6201
179	-0.4161	230	-0.4191	281	-0.4671
180	-0.2351	231	-0.1561	282	-0.2131
181	0.3269	232	-0.0521	283	-0.0741
182	0.4609	233	-0.0241	284	-0.0081
183	0.4439	234	-0.0391	285	-0.0561
184	0.6329	235	-0.2221	286	-0.5191
185	0.7069	236	-0.1571	287	-0.4671
186	0.7479	237	0.0929	288	-0.0021
187	0.8409	238	0.0529	289	0.0219
188	0.8969	239	0.2499	290	0.0599
189	0.9399	240	0.1249	291	-0.5711
190	0.2939	241	-0.5471	292	-0.0291
191	-0.2041	242	-0.5481	325	0.0789
192	-0.2411	244	-0.3121	326	0.0769
193	-0.2471	245	-0.1181	327	0.0749
194	-0.2211	246	-0.0721	328	0.0749
195	-0.2191	247	-0.0421	329	0.0769
196	-0.2491	248	-0.0511	330	0.0779
197	-0.2271	249	-0.1921	331	0.0769
198	-0.2221	250	-0.1701	332	0.0759
199	-0.2201	251	-0.0731	333	0.0749
200	-0.2161	252	-0.0391	334	0.0769
201	-0.2091	253	0.2749	335	0.0779
202	-0.2111	254	0.1259	336	0.0769
203	-0.2151	255	-0.6471	337	0.0789
204	-0.2151	256	-0.6261	338	0.0769
205	0.2599	257	-0.5931	339	0.0739
206	0.2879	258	-0.4761	340	0.0759
207	0.2859	259	-0.2051	341	0.0779
208	0.2799	260	-0.0621	350	0.0699
210	0.3359	261	-0.0161	351	0.0729
211	0.3409	262	-0.0321	352	0.0729
212	0.1909	263	-0.3201	353	0.0719
213	-0.7861	264	-0.2761	354	0.0699
214	-0.6541	265	-0.0341	355	0.0699
215	-0.5781	266	0.0549		
216	-0.3991	267	-0.3621		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 692
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 36.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.949
TUNNEL DYNAMIC PRESSURE(PSF) = 674.
TUNNEL STAGNATION PRESSURE(PSF) = 1908.
TUNNEL STATIC PRESSURE(PSF) = 1068.
REYNOLDS NUMBER PER FOOT = 3.9910E 06
MODEL ANGLE OF ATTACK(DEG) = 2.05
FIN ANGLE(DEG) = 0.31
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.7324
247	0.7314
347	0.7324
447	0.7324
547	0.7384
647	0.7374
747	0.7374

ORF	CP	ORF	CP	ORF	CP
1	0.0694	52	-0.1726	102	-0.4606
2	-0.4366	53	-0.4186	103	-0.7486
3	-0.6086	54	-0.5736	104	-0.7486
4	-0.3406	55	-0.2106	105	-0.5756
5	-0.1956	56	-0.0546	110	-0.0746
6	-0.1366	57	-0.0296	111	-0.0716
7	-0.1006	58	-0.0426	112	-0.0036
8	-0.0756	59	-0.0536	113	-0.0206
9	-0.0576	60	-0.0716	114	0.0944
10	-0.0546	61	-0.0986	115	0.0954
11	-0.0616	62	-0.1406	116	0.0984
12	-0.0756	63	-0.2106	117	0.0954
13	-0.1096	64	-0.6016	118	0.0984
14	-0.2696	65	-0.5876	119	0.0974
15	-0.3866	66	-0.2246	120	0.0684
16	-0.3066	67	-0.0906	121	0.0964
17	-0.4836	68	-0.0496	122	0.0964
18	-0.2256	69	-0.0656	123	0.0954
19	-0.0996	70	-0.0916	124	0.0264
20	-0.0936	71	-0.1206	125	0.0054
21	-0.0716	72	-0.1676	126	0.0234
22	-0.0546	73	-0.2606	127	0.0124
23	-0.0506	74	-0.5946	128	-0.0246
24	-0.0506	75	-0.2496	129	-0.0126
25	-0.0626	76	-0.0876	135	0.0484
26	-0.0836	77	-0.0846	136	0.0454
27	-0.1356	78	-0.1146	137	0.0504
28	-0.2896	79	-0.1486	138	0.1374
29	-0.4326	80	-0.1816	139	0.1364
30	-0.3226	81	-0.3166	140	0.1324
32	-0.0646	82	-0.5926	141	0.1414
33	-0.0556	83	-0.2196	142	0.1394
34	-0.0506	84	-0.1206	143	0.1424
35	-0.0386	85	-0.1296	145	0.0444
36	-0.0436	86	-0.1266	147	0.1404
37	-0.0506	87	-0.1716	151	-0.0196
38	-0.0626	88	-0.2756	152	-0.2316
39	-0.0886	89	-0.6006	153	-0.2136
40	-0.1406	90	-0.3346	154	-0.2606
41	-0.2736	91	-0.1236	155	0.0124
42	-0.4806	92	-0.1306	156	0.0784
43	-0.1486	93	-0.1766	157	-0.0846
44	-0.0346	94	-0.2576	158	0.2864
45	-0.0376	95	-0.5886	159	0.1894
46	-0.0346	96	-0.2166	160	0.1324
47	-0.0336	97	-0.5126	161	0.0094
48	-0.0436	98	0.1094	162	0.2804
49	-0.0576	99	0.0574	163	0.1974
50	-0.0776	100	-0.3056	164	0.1364
51	-0.1126	101	-0.5166	165	-0.0466

ORF	CP	ORF	CP	ORF	CP
166	0.4024	217	-0.0846	268	-0.3546
167	0.1804	218	-0.0276	269	-0.0166
168	0.1444	219	-0.0216	270	0.0684
169	0.0204	220	-0.0536	271	-0.4896
170	0.2224	221	-0.2786	272	-0.4566
171	0.0694	222	-0.3126	273	0.0084
172	-0.0976	223	0.1054	274	0.0124
173	-0.0306	224	0.1854	275	0.3744
174	-0.1036	225	0.2214	276	0.3424
175	-0.2626	226	0.0564	277	0.1634
176	-0.2686	227	-0.5326	278	-1.0466
177	-0.2286	228	-0.5246	279	-0.9016
178	-0.3776	229	-0.4876	280	-0.7676
179	-0.3526	230	-0.3426	281	-0.5566
180	-0.2256	231	-0.1146	282	-0.2436
181	0.2394	232	-0.0566	283	-0.1046
182	0.3914	233	-0.0446	284	-0.0486
183	0.4244	234	-0.0596	285	-0.0806
184	0.5614	235	-0.2066	286	-0.5016
185	0.5764	236	-0.1446	287	-0.4246
186	0.5404	237	0.0754	288	0.0014
187	0.5674	238	0.0234	289	0.0144
188	0.6234	239	0.2584	290	0.0684
189	0.6714	240	0.1344	291	-0.7076
190	0.3194	241	-0.6766	292	-0.0206
191	-0.2086	242	-0.6356	325	0.0964
192	-0.2276	244	-0.4006	326	0.0974
193	-0.2336	245	-0.1726	327	0.0954
194	-0.2116	246	-0.0876	328	0.0964
195	-0.2196	247	-0.0486	329	0.0984
196	-0.2406	248	-0.0526	330	0.0964
197	-0.2096	249	-0.1966	331	0.0974
198	-0.2176	250	-0.1616	332	0.0964
199	-0.2186	251	-0.0536	333	0.0974
200	-0.2156	252	-0.0066	334	0.0984
201	-0.2016	253	0.3284	335	0.0974
202	-0.2016	254	0.1814	336	0.0964
203	-0.2036	255	-1.0456	337	0.0964
204	-0.1966	256	-0.9506	338	0.0974
205	0.2824	257	-0.7926	339	0.0964
206	0.3104	258	-0.5776	340	0.0964
207	0.3114	259	-0.2566	341	0.0974
208	0.3144	260	-0.1076	350	0.0974
210	0.3184	261	-0.0346	351	0.0934
211	0.2804	262	-0.0366	352	0.0944
212	0.1374	263	-0.3406	353	0.0944
213	-0.6796	264	-0.2746	354	0.0954
214	-0.5736	265	-0.0106	355	0.0964
215	-0.5056	266	0.0534		
216	-0.2956	267	-0.3746		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 693
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 36.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.950
TUNNEL DYNAMIC PRESSURE(PSF) = 675.
TUNNEL STAGNATION PRESSURE(PSF) = 1909.
TUNNEL STATIC PRESSURE(PSF) = 1067.
REYNOLDS NUMBER PER FOOT = 3.9930E 06
MODEL ANGLE OF ATTACK(DEG) = 3.97
FIN ANGLE(DEG) = 0.15
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.7333
247	0.7333
347	0.7323
447	0.7333
547	0.7333
647	0.7333
747	0.7323

ORF	CP	ORF	CP	ORF	CP
1	-0.0397	52	-0.2137	102	-0.4677
2	-0.4947	53	-0.4477	103	-0.7677
3	-0.6887	54	-0.5817	104	-0.7677
4	-0.4417	55	-0.5577	105	-0.5937
5	-0.2797	56	-0.5547	110	-0.2147
6	-0.1967	57	-0.4567	111	-0.1297
7	-0.1447	58	-0.2257	112	-0.0167
8	-0.1227	59	-0.0767	113	-0.0357
9	-0.1117	60	-0.0667	114	0.0923
10	-0.1057	61	-0.0997	115	0.0923
11	-0.1107	62	-0.1477	116	0.0913
12	-0.1257	63	-0.2107	117	0.0903
13	-0.1577	64	-0.6137	118	0.0903
14	-0.3097	65	-0.6147	119	0.0893
15	-0.4167	66	-0.5187	120	-0.0097
16	-0.4177	67	-0.4977	121	0.0913
17	-0.5297	68	-0.4287	122	0.0913
18	-0.4317	69	-0.3247	123	0.0933
19	-0.2247	70	-0.2237	124	0.0233
20	-0.1537	71	-0.1847	125	-0.0027
21	-0.1257	72	-0.2017	126	0.0163
22	-0.1097	73	-0.2917	127	0.0103
23	-0.1117	74	-0.5817	128	-0.0547
24	-0.1087	75	-0.5197	129	-0.0187
25	-0.1187	76	-0.5147	135	0.0423
26	-0.1387	77	-0.4757	136	0.0383
27	-0.1867	78	-0.3937	137	0.0393
28	-0.3297	79	-0.3167	138	0.1303
29	-0.4587	80	-0.2987	139	0.1323
30	-0.5957	81	-0.3857	140	0.1283
32	-0.1897	82	-0.5307	141	0.1403
33	-0.1077	83	-0.4517	142	0.1343
34	-0.0987	84	-0.5387	143	0.1393
35	-0.1027	85	-0.5007	145	0.0353
36	-0.0967	86	-0.4427	147	0.1353
37	-0.1027	87	-0.3667	151	-0.0277
38	-0.1197	88	-0.3887	152	-0.2187
39	-0.1427	89	-0.5217	153	-0.2137
40	-0.1937	90	-0.5537	154	-0.2207
41	-0.3187	91	-0.5397	155	-0.0567
42	-0.4937	92	-0.4947	156	0.0403
43	-0.7827	93	-0.4427	157	-0.0907
44	-0.4947	94	-0.4377	158	0.1633
45	-0.0477	95	-0.5257	159	0.0993
46	-0.0437	96	-0.0507	160	0.0353
47	-0.0707	97	-0.4807	161	-0.0557
48	-0.0877	98	0.1833	162	0.1843
49	-0.1027	99	0.1233	163	0.1113
50	-0.1227	100	-0.3457	164	0.1303
51	-0.1577	101	-0.5217	165	-0.0747

ORF	CP	ORF	CP	ORF	CP
166	0.2913	217	-0.0717	268	-0.3597
167	0.1383	218	-0.0457	269	-0.0377
168	0.1103	219	-0.0377	270	0.0253
169	0.0053	220	-0.0717	271	-0.5037
170	0.1363	221	-0.3047	272	-0.4187
171	0.0423	222	-0.3067	273	-0.0127
172	-0.0987	223	0.0763	274	-0.0087
173	-0.0327	224	0.1343	275	0.3143
174	-0.1047	225	0.1833	276	0.2383
175	-0.2147	226	0.0403	277	0.0763
176	-0.2467	227	-0.5777	278	-1.1447
177	-0.2147	228	-0.5417	279	-1.0527
178	-0.3187	229	-0.4887	280	-0.8987
179	-0.2807	230	-0.3177	281	-0.6317
180	-0.2217	231	-0.1287	282	-0.3247
181	0.1853	232	-0.0797	283	-0.1797
182	0.3243	233	-0.0587	284	-0.1087
183	0.3073	234	-0.0797	285	-0.1317
184	0.4213	235	-0.2317	286	-0.5117
185	0.4453	236	-0.1627	287	-0.4147
186	0.4523	237	0.0373	288	-0.0197
187	0.5223	238	0.0103	289	-0.0077
188	0.6353	239	0.2733	290	0.0223
189	0.7233	240	0.1643	291	-1.0447
190	0.3183	241	-0.9347	292	0.0093
191	-0.2137	242	-0.8117	325	0.0943
192	-0.2217	244	-0.5247	326	0.0943
193	-0.2257	245	-0.2637	327	0.0973
194	-0.2117	246	-0.1307	328	0.0973
195	-0.2217	247	-0.0727	329	0.0953
196	-0.2367	248	-0.0727	330	0.0943
197	-0.2117	249	-0.2307	331	0.0953
198	-0.2127	250	-0.1857	332	0.0983
199	-0.2107	251	-0.0677	333	0.0983
200	-0.2117	252	-0.0267	334	0.0963
201	-0.2027	253	0.2763	335	0.0953
202	-0.1987	254	0.1223	336	0.0943
203	-0.2057	255	-1.2157	337	0.0943
204	-0.2077	256	-1.1287	338	0.0943
205	0.2673	257	-1.0177	339	0.0973
206	0.3093	258	-0.6787	340	0.0963
207	0.3043	259	-0.2567	341	0.0963
208	0.3083	260	-0.1397	350	0.0903
210	0.2663	261	-0.0887	351	0.0903
211	0.1913	262	-0.0857	352	0.0913
212	0.0653	263	-0.3777	353	0.0923
213	-0.6027	264	-0.2837	354	0.0933
214	-0.4757	265	-0.0457	355	0.0933
215	-0.3757	266	0.0103		
216	-0.1747	267	-0.4077		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 694
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 36.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.949
TUNNEL DYNAMIC PRESSURE(PSF) = 674.
TUNNEL STAGNATION PRESSURE(PSF) = 1908.
TUNNEL STATIC PRESSURE(PSF) = 1069.
REYNOLDS NUMBER PER FOOT = 3.9900E 06
MODEL ANGLE OF ATTACK(DEG) = 5.99
FIN ANGLE(DEG) = 0.43
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.7329
247	0.7309
347	0.7309
447	0.7309
547	0.7199
647	0.7199
747	0.7189

ORF	CP	ORF	CP	ORF	CP
1	-0.2701	52	-0.2411	102	-0.4821
2	-0.6491	53	-0.4691	103	-0.7911
3	-0.7341	54	-0.5731	104	-0.7721
4	-0.5981	55	-0.8081	105	-0.6151
5	-0.4231	56	-0.8181	110	-0.2121
6	-0.3141	57	-0.7941	111	-0.1491
7	-0.2401	58	-0.7371	112	-0.0341
8	-0.1961	59	-0.5591	113	-0.0491
9	-0.1631	60	-0.1541	114	0.0899
10	-0.1481	61	-0.0631	115	0.0879
11	-0.1461	62	-0.1261	116	0.0849
12	-0.1541	63	-0.2011	117	0.0869
13	-0.1821	64	-0.6191	118	0.0869
14	-0.3401	65	-0.6051	119	0.0869
15	-0.4401	66	-0.6631	120	-0.0221
16	-0.6701	67	-0.7041	121	0.0859
17	-0.6651	68	-0.7371	122	0.0869
18	-0.6241	69	-0.7391	123	0.0879
19	-0.4661	70	-0.7071	124	0.0089
20	-0.3501	71	-0.6401	125	-0.0141
21	-0.2831	72	-0.5381	126	0.0009
22	-0.2251	73	-0.3951	127	-0.0071
23	-0.1831	74	-0.5371	128	-0.0741
24	-0.1661	75	-0.6371	129	-0.0281
25	-0.1611	76	-0.6561	135	0.0229
26	-0.1721	77	-0.6781	136	0.0249
27	-0.2111	78	-0.6791	137	0.0249
28	-0.3531	79	-0.6891	138	0.1159
29	-0.4791	80	-0.7001	139	0.1139
30	-0.9331	81	-0.6971	140	0.1179
32	-0.5551	82	-0.6431	141	0.1309
33	-0.3421	83	-0.5681	142	0.1219
34	-0.2261	84	-0.6881	143	0.1349
35	-0.1751	85	-0.7021	145	0.0189
36	-0.1551	86	-0.6931	147	0.1219
37	-0.1601	87	-0.6731	151	-0.0421
38	-0.1621	88	-0.6531	152	-0.2161
39	-0.1901	89	-0.6051	153	-0.2131
40	-0.2421	90	-0.7141	154	-0.2121
41	-0.3721	91	-0.6911	155	-0.0831
42	-0.5031	92	-0.6531	156	-0.0301
43	-0.9791	93	-0.6341	157	-0.1171
44	-0.8931	94	-0.6221	158	0.0819
45	-0.7421	95	-0.5771	159	0.0229
46	-0.4461	96	0.0559	160	-0.0201
47	-0.1631	97	-0.4581	161	-0.0911
48	-0.0721	98	0.2449	162	0.1469
49	-0.0931	99	0.1879	163	0.0659
50	-0.1301	100	-0.3601	164	0.1139
51	-0.1801	101	-0.5471	165	-0.1011

ORF	CP	ORF	CP	ORF	CP
166	0.2759	217	-0.0911	268	-0.3791
167	0.1389	218	-0.0621	269	-0.0811
168	0.1169	219	-0.0501	270	-0.0161
169	0.0209	220	-0.0861	271	-0.5241
170	0.0829	221	-0.3371	272	-0.4191
171	0.0529	222	-0.3351	273	-0.0421
172	-0.0901	223	0.0219	274	-0.0361
173	-0.0271	224	0.0939	275	0.2449
174	-0.1041	225	0.1629	276	0.1099
175	-0.2001	226	0.0269	277	-0.0241
176	-0.2471	227	-0.6971	278	-1.1461
177	-0.2331	228	-0.6381	279	-1.0301
178	-0.3251	229	-0.5681	280	-0.8591
179	-0.2451	230	-0.3821	281	-0.6751
180	-0.2141	231	-0.1731	282	-0.4491
181	0.0929	232	-0.1071	283	-0.2881
182	0.2049	233	-0.0721	284	-0.1701
183	0.2789	234	-0.0971	285	-0.1721
184	0.4209	235	-0.2691	286	-0.5361
185	0.4839	236	-0.1951	287	-0.4191
186	0.5479	237	0.0099	288	-0.0441
187	0.6549	238	-0.0041	289	-0.0181
188	0.8119	239	0.2439	290	-0.0351
189	0.9079	240	0.1209	291	-1.0891
190	0.3599	241	-1.0261	292	0.0559
191	-0.2191	242	-0.8631	325	0.0959
192	-0.2241	244	-0.5691	326	0.0989
193	-0.2281	245	-0.3221	327	0.0959
194	-0.2321	246	-0.1941	328	0.0979
195	-0.2291	247	-0.1261	329	0.0979
196	-0.2261	248	-0.1221	330	0.0969
197	-0.2131	249	-0.2691	331	0.0989
198	-0.2151	250	-0.2331	332	0.0959
199	-0.2201	251	-0.1081	333	0.0989
200	-0.2221	252	-0.0751	334	0.0989
201	-0.2081	253	0.1739	335	0.0989
202	-0.2031	254	0.0289	336	0.0969
203	-0.2141	255	-1.2221	337	0.0959
204	-0.2131	256	-1.1321	338	0.0999
205	0.2279	257	-1.0051	339	0.0959
206	0.2729	258	-0.6741	340	0.0979
207	0.2619	259	-0.3601	341	0.0979
208	0.2729	260	-0.2501	350	0.0869
210	0.1949	261	-0.1651	351	0.0859
211	0.1499	262	-0.1401	352	0.0859
212	0.0389	263	-0.4031	353	0.0859
213	-0.5611	264	-0.3061	354	0.0849
214	-0.3971	265	-0.0981	355	0.0829
215	-0.3291	266	-0.0421		
216	-0.1611	267	-0.4431		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 695
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 36.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.950
TUNNEL DYNAMIC PRESSURE(PSF) = 675.
TUNNEL STAGNATION PRESSURE(PSF) = 1909.
TUNNEL STATIC PRESSURE(PSF) = 1068.
REYNOLDS NUMBER PER FOOT = 3.9940E 06
MODEL ANGLE OF ATTACK(DEG) = 7.93
FIN ANGLE(DEG) = 0.58
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.7308
247	0.7298
347	0.7298
447	0.7308
547	0.7248
647	0.7258
747	0.7258

ORF	CP	ORF	CP	ORF	CP
1	-0.5052	52	-0.2302	102	-0.5032
2	-0.8572	53	-0.4562	103	-0.7752
3	-0.8202	54	-0.5012	104	-0.7412
4	-0.8152	55	-1.0862	105	-0.6342
5	-0.7462	56	-1.0942	110	-0.2742
6	-0.6142	57	-1.0472	111	-0.1742
7	-0.4142	58	-0.9862	112	-0.0332
8	-0.2902	59	-0.9122	113	-0.0642
9	-0.2272	60	-0.8332	114	0.0938
10	-0.1872	61	-0.6252	115	0.0938
11	-0.1602	62	-0.2512	116	0.0928
12	-0.1562	63	-0.1522	117	0.0928
13	-0.1642	64	-0.4962	118	0.0948
14	-0.3242	65	-0.4752	119	0.0938
15	-0.4502	66	-0.9102	120	0.0258
16	-0.8322	67	-0.9302	121	0.0928
17	-0.8582	68	-0.9622	122	0.0938
18	-0.8622	69	-0.9622	123	0.0938
19	-0.8282	70	-0.9562	124	-0.0052
20	-0.7102	71	-0.9532	125	-0.0302
21	-0.5962	72	-0.9332	126	-0.0152
22	-0.4922	73	-0.8512	127	-0.0222
23	-0.3842	74	-0.5982	128	-0.0592
24	-0.2712	75	-0.8212	129	-0.0402
25	-0.1992	76	-0.8382	135	0.0138
26	-0.1672	77	-0.8862	136	0.0088
27	-0.1752	78	-0.8992	137	0.0118
28	-0.3112	79	-0.8972	138	0.1048
29	-0.4742	80	-0.8732	139	0.1038
30	-1.0622	81	-0.7692	140	0.1048
32	-0.8982	82	-0.6702	141	0.1308
33	-0.7412	83	-0.6522	142	0.1058
34	-0.5412	84	-0.7642	143	0.1368
35	-0.3902	85	-0.7462	145	0.0088
36	-0.2992	86	-0.7222	147	0.1048
37	-0.2562	87	-0.7042	151	-0.0952
38	-0.2422	88	-0.6792	152	-0.2072
39	-0.2382	89	-0.6152	153	-0.2052
40	-0.2712	90	-0.6482	154	-0.2192
41	-0.4022	91	-0.6152	155	-0.0542
42	-0.5092	92	-0.5932	156	-0.0902
43	-1.1542	93	-0.5682	157	-0.1572
44	-1.1042	94	-0.5632	158	0.0508
45	-1.0182	95	-0.5702	159	-0.0102
46	-0.8812	96	0.0788	160	-0.0542
47	-0.7202	97	-0.4442	161	-0.1122
48	-0.5352	98	0.2958	162	0.1438
49	-0.3032	99	0.2278	163	0.0638
50	-0.1712	100	-0.3432	164	0.1028
51	-0.1682	101	-0.5622	165	-0.1032

ORF	CP	ORF	CP	ORF	CP
166	0.2938	217	-0.0932	268	-0.4092
167	0.1698	218	-0.0732	269	-0.0642
168	0.1458	219	-0.0622	270	0.0038
169	0.0418	220	-0.0892	271	-0.5352
170	0.1228	221	-0.3672	272	-0.4652
171	0.1078	222	-0.3512	273	-0.0262
172	-0.0682	223	-0.0062	274	-0.0132
173	-0.0352	224	0.1008	275	0.2008
174	-0.1192	225	0.1748	276	-0.0362
175	-0.2392	226	0.0458	277	-0.1282
176	-0.2602	227	-0.7362	278	-1.1842
177	-0.2602	228	-0.7002	279	-1.0412
178	-0.2982	229	-0.6422	280	-0.8982
179	-0.2192	230	-0.4872	281	-0.7292
180	-0.2132	231	-0.2542	282	-0.6932
181	-0.0352	232	-0.1452	283	-0.5112
182	0.0788	233	-0.1022	284	-0.2202
183	0.3518	234	-0.1112	285	-0.1612
184	0.5318	235	-0.2832	286	-0.5472
185	0.5888	236	-0.2142	287	-0.4832
186	0.6918	237	0.0218	288	-0.0222
187	0.7878	238	-0.0052	289	0.0368
188	0.9058	239	0.1278	290	-0.0142
189	0.9668	240	0.0118	291	-1.1052
190	0.4128	241	-0.9072	292	0.1078
191	-0.2322	242	-0.8082	325	0.1058
192	-0.2402	244	-0.5032	326	0.1048
193	-0.2402	245	-0.3492	327	0.1058
194	-0.2542	246	-0.2572	328	0.1058
195	-0.2392	247	-0.1742	329	0.1048
196	-0.2342	248	-0.1472	330	0.1058
197	-0.2162	249	-0.2752	331	0.1068
198	-0.2302	250	-0.2382	332	0.1078
199	-0.2342	251	-0.1232	333	0.1078
200	-0.2332	252	-0.0862	334	0.1058
201	-0.2272	253	0.1268	335	0.1058
202	-0.2022	254	0.0178	336	0.1068
203	-0.2202	255	-1.2282	337	0.1058
204	-0.2292	256	-1.1282	338	0.1048
205	0.1818	257	-1.0072	339	0.1058
206	0.2598	258	-0.7762	340	0.1058
207	0.2198	259	-0.5822	341	0.1058
208	0.2398	260	-0.4042	350	0.0938
210	0.1418	261	-0.2242	351	0.0938
211	0.1538	262	-0.1472	352	0.0938
212	0.0528	263	-0.4342	353	0.0948
213	-0.5692	264	-0.3242	354	0.0948
214	-0.3862	265	-0.0742	355	0.0928
215	-0.2902	266	-0.0202		
216	-0.1712	267	-0.4672		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 696
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 36.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.943
TUNNEL DYNAMIC PRESSURE(PSF) = 670.
TUNNEL STAGNATION PRESSURE(PSF) = 1909.
TUNNEL STATIC PRESSURE(PSF) = 1077.
REYNOLDS NUMBER PER FOOT = 3.9830E 06
MODEL ANGLE OF ATTACK(DEG) = 11.96
FIN ANGLE(DEG) = 0.62
FREE*STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.7245
247	0.7225
347	0.7235
447	0.7235
547	0.6875
647	0.6855
747	0.6865

ORF	CP	ORF	CP	ORF	CP
1	-0.7705	52	-0.7445	102	-0.5665
2	-0.9965	53	-0.6705	103	-0.8835
3	-0.9285	54	-0.6025	104	-0.8415
4	-0.9455	55	-1.1725	105	-0.6435
5	-0.9435	56	-1.1155	110	-0.2975
6	-0.9165	57	-1.0765	111	-0.3385
7	-0.8645	58	-1.0405	112	-0.2505
8	-0.8125	59	-0.9985	113	-0.1805
9	-0.7155	60	-0.9645	114	0.0585
10	-0.4115	61	-0.9205	115	0.0605
11	-0.2295	62	-0.8775	116	0.0595
12	-0.1805	63	-0.8465	117	0.0565
13	-0.1865	64	-0.8075	118	0.0565
14	-0.3505	65	-0.7775	119	0.0605
15	-0.4725	66	-1.0455	120	-0.0625
16	-1.0665	67	-1.0185	121	0.0575
17	-1.1755	68	-1.0045	122	0.0615
18	-1.1905	69	-0.9785	123	0.0595
19	-1.1585	70	-0.9565	124	-0.0725
20	-1.1355	71	-0.9345	125	-0.0845
21	-1.1055	72	-0.8955	126	-0.0775
22	-1.0655	73	-0.8585	127	-0.0795
23	-0.9695	74	-0.7875	128	-0.0995
24	-0.6985	75	-0.9445	129	-0.0655
25	-0.4635	76	-0.9185	135	-0.0555
26	-0.2945	77	-0.9075	136	-0.0555
27	-0.2265	78	-0.8905	137	-0.0595
28	-0.3525	79	-0.8705	138	0.0505
29	-0.5105	80	-0.8365	139	0.0485
30	-1.2815	81	-0.7915	140	0.0485
32	-1.2175	82	-0.7475	141	0.1055
33	-1.1485	83	-0.6875	142	0.0755
34	-1.0595	84	-0.7625	143	0.1175
35	-0.9905	85	-0.7445	145	-0.0605
36	-0.8605	86	-0.7205	147	0.0695
37	-0.6505	87	-0.6985	151	-0.1475
38	-0.4955	88	-0.6865	152	-0.2255
39	-0.4515	89	-0.6435	153	-0.2125
40	-0.4945	90	-0.6945	154	-0.2185
41	-0.5935	91	-0.6705	155	-0.0895
42	-0.6625	92	-0.6545	156	-0.1385
43	-1.3165	93	-0.6295	157	-0.1845
44	-1.2795	94	-0.6195	158	0.0395
45	-1.2595	95	-0.6125	159	-0.0605
46	-1.2035	96	0.1675	160	-0.1035
47	-1.1275	97	-0.3945	161	-0.1415
48	-1.0775	98	0.3895	162	0.1325
49	-1.0205	99	0.2835	163	0.0345
50	-0.9505	100	-0.2965	164	0.0455
51	-0.8475	101	-0.6285	165	-0.1245

ORF	CP	ORF	CP	ORF	CP
166	0.2705	217	-0.2175	268	-0.4725
167	0.0985	218	-0.1925	269	-0.1205
168	0.0675	219	-0.1925	270	-0.0595
169	-0.0095	220	-0.2105	271	-0.6305
170	0.0515	221	-0.4445	272	-0.5205
171	-0.0535	222	-0.4255	273	-0.0735
172	-0.1745	223	-0.0885	274	-0.0585
173	-0.0975	224	0.0355	275	0.1015
174	-0.1695	225	0.0285	276	-0.3225
175	-0.2475	226	-0.1305	277	-0.3215
176	-0.2775	227	-0.6345	278	-1.2755
177	-0.2945	228	-0.6265	279	-1.2065
178	-0.3065	229	-0.6045	280	-1.1055
179	-0.2455	230	-0.4905	281	-1.0015
180	-0.2535	231	-0.3035	282	-0.8535
181	-0.1175	232	-0.2565	283	-0.8955
182	0.0105	233	-0.2405	284	-0.6545
183	0.2465	234	-0.2335	285	-0.2315
184	0.3825	235	-0.3485	286	-0.6505
185	0.4185	236	-0.2665	287	-0.5595
186	0.3795	237	-0.0905	288	-0.0575
187	0.3775	238	-0.0925	289	0.0305
188	0.4255	239	-0.0225	290	-0.0605
189	0.4425	240	-0.1005	291	-1.0435
190	0.4495	241	-1.0785	292	0.1155
191	-0.2755	242	-0.9415	325	0.0845
192	-0.2805	244	-0.5675	326	0.0845
193	-0.2905	245	-0.4545	327	0.0835
194	-0.3055	246	-0.4195	328	0.0855
195	-0.3095	247	-0.3435	329	0.0825
196	-0.2845	248	-0.2075	330	0.0865
197	-0.2865	249	-0.3665	331	0.0845
198	-0.2845	250	-0.3125	332	0.0845
199	-0.2905	251	-0.1485	333	0.0855
200	-0.3025	252	-0.0975	334	0.0825
201	-0.2945	253	0.0695	335	0.0875
202	-0.2715	254	-0.0355	336	0.0855
203	-0.2895	255	-1.2735	337	0.0855
204	-0.2925	256	-1.1925	338	0.0845
205	0.0105	257	-1.1155	339	0.0845
206	0.1605	258	-0.9795	340	0.0855
207	0.0455	259	-0.9265	341	0.0835
208	0.0745	260	-0.8345	350	0.0615
210	0.0755	261	-0.5575	351	0.0605
211	0.0585	262	-0.2215	352	0.0605
212	-0.0485	263	-0.5585	353	0.0625
213	-0.7505	264	-0.4495	354	0.0615
214	-0.6115	265	-0.1225	355	0.0625
215	-0.5125	266	-0.0715		
216	-0.3315	267	-0.5715		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 697
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 36.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.947
TUNNEL DYNAMIC PRESSURE(PSF) = 673.
TUNNEL STAGNATION PRESSURE(PSF) = 1910.
TUNNEL STATIC PRESSURE(PSF) = 1072.
REYNOLDS NUMBER PER FOOT = 3.9880E 06
MODEL ANGLE OF ATTACK(DEG) = 14.15
FIN ANGLE(DEG) = 0.39
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.7271
247	0.7261
347	0.7271
447	0.7281
547	0.7201
647	0.7201
747	0.7201

ORF	CP	ORF	CP	ORF	CP
1	-0.8459	52	-0.7949	102	-0.6469
2	-0.9879	53	-0.7589	103	-0.8769
3	-0.9619	54	-0.7439	104	-0.8339
4	-0.9719	55	-1.0169	105	-0.6579
5	-0.9669	56	-1.0009	110	-0.2159
6	-0.9549	57	-0.9969	111	-0.2759
7	-0.9359	58	-0.9799	112	-0.1639
8	-0.8209	59	-0.9569	113	-0.1379
9	-0.6639	60	-0.9259	114	0.0991
10	-0.4879	61	-0.8949	115	0.1001
11	-0.2819	62	-0.8759	116	0.0961
12	-0.3599	63	-0.8459	117	0.0981
13	-0.4089	64	-0.8069	118	0.0981
14	-0.4789	65	-0.7789	119	0.0961
15	-0.5929	66	-0.9179	120	-0.0159
16	-1.1169	67	-0.9029	121	0.0991
17	-1.2299	68	-0.8909	122	0.1011
18	-1.2989	69	-0.8729	123	0.1021
19	-1.2759	70	-0.8599	124	-0.0479
20	-1.1519	71	-0.8349	125	-0.0639
21	-1.0809	72	-0.8069	126	-0.0529
22	-1.0839	73	-0.8029	127	-0.0569
23	-0.9889	74	-0.7629	128	-0.0409
24	-0.7739	75	-0.8179	129	-0.0479
25	-0.7329	76	-0.8019	135	-0.0379
26	-0.6889	77	-0.7749	136	-0.0689
27	-0.5359	78	-0.7569	137	-0.0389
28	-0.5559	79	-0.7529	138	0.0781
29	-0.6859	80	-0.7419	139	0.0731
30	-1.2709	81	-0.7309	140	0.0601
32	-1.1609	82	-0.7199	141	0.1521
33	-1.1139	83	-0.6129	142	0.1141
34	-1.1049	84	-0.7219	143	0.1471
35	-1.0809	85	-0.7169	145	-0.0699
36	-1.0039	86	-0.7059	147	0.1041
37	-0.9499	87	-0.6929	151	-0.1609
38	-0.8959	88	-0.6659	152	-0.2419
39	-0.8089	89	-0.6809	153	-0.2259
40	-0.7579	90	-0.6739	154	-0.2319
41	-0.7659	91	-0.6709	155	-0.1189
42	-0.6539	92	-0.6709	156	-0.1469
43	-1.0489	93	-0.6659	157	-0.1949
44	-1.0549	94	-0.6559	158	0.0111
45	-1.0579	95	-0.6579	159	-0.0909
46	-1.0329	96	0.2371	160	-0.1249
47	-1.0159	97	-0.3459	161	-0.1659
48	-0.9809	98	0.4301	162	0.0511
49	-0.9529	99	0.3251	163	-0.0239
50	-0.8979	100	-0.2739	164	0.0701
51	-0.8459	101	-0.6909	165	-0.1489

ORF	CP	ORF	CP	ORF	CP
166	0.1651	217	-0.2169	268	-0.4029
167	0.0251	218	-0.1739	269	-0.1319
168	-0.0099	219	-0.1629	270	-0.0769
169	-0.0749	220	-0.1719	271	-0.6349
170	-0.0239	221	-0.4219	272	-0.5169
171	-0.0669	222	-0.3919	273	-0.0869
172	-0.1599	223	-0.0589	274	-0.0649
173	-0.0759	224	0.0721	275	0.1611
174	-0.1419	225	0.0391	276	-0.3719
175	-0.2089	226	-0.1189	277	-0.3779
176	-0.2569	227	-0.6439	278	-1.2759
177	-0.3229	228	-0.6509	279	-1.2249
178	-0.3589	229	-0.5919	280	-1.1399
179	-0.2709	230	-0.4799	281	-1.0719
180	-0.2309	231	-0.3009	282	-0.9259
181	-0.0779	232	-0.2399	283	-0.9229
182	0.0341	233	-0.2079	284	-0.4979
183	0.1541	234	-0.2029	285	-0.3519
184	0.2761	235	-0.3319	286	-0.6559
185	0.3181	236	-0.2419	287	-0.5979
186	0.3351	237	-0.0539	288	-0.0479
187	0.3521	238	-0.0609	289	0.0651
188	0.3871	239	0.0161	290	-0.0819
189	0.3971	240	-0.0709	291	-0.9569
190	0.4621	241	-1.1419	292	0.1581
191	-0.2639	242	-1.0169	325	0.1101
192	-0.2559	244	-0.6469	326	0.1081
193	-0.2689	245	-0.4969	327	0.1061
194	-0.2809	246	-0.4389	328	0.1061
195	-0.2789	247	-0.3329	329	0.1061
196	-0.2609	248	-0.2209	330	0.1081
197	-0.2419	249	-0.3759	331	0.1091
198	-0.2519	250	-0.2889	332	0.1071
199	-0.2619	251	-0.1509	333	0.1071
200	-0.2819	252	-0.1069	334	0.1061
201	-0.2629	253	0.0761	335	0.1081
202	-0.2369	254	-0.0359	336	0.1101
203	-0.2489	255	-1.2619	337	0.1091
204	-0.2599	256	-1.1849	338	0.1081
205	-0.0159	257	-1.1159	339	0.1061
206	0.1951	258	-1.0089	340	0.1071
207	0.0231	259	-0.9849	341	0.1071
208	0.0501	260	-0.9549	350	0.0981
210	0.1031	261	-0.4289	351	0.0981
211	0.0831	262	-0.3069	352	0.0981
212	-0.0499	263	-0.6619	353	0.1011
213	-0.7709	264	-0.3669	354	0.1001
214	-0.6169	265	-0.1309	355	0.1011
215	-0.5569	266	-0.0849		
216	-0.3579	267	-0.6579		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 698
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 36.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.951
TUNNEL DYNAMIC PRESSURE(PSF) = 676.
TUNNEL STAGNATION PRESSURE(PSF) = 1910.
TUNNEL STATIC PRESSURE(PSF) = 1067.
REYNOLDS NUMBER PER FOOT = 3.9960E 06
MODEL ANGLE OF ATTACK(DEG) = 0.12
FIN ANGLE(DEG) = 0.10
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.7336
247	0.7316
347	0.7316
447	0.7326
547	0.7276
647	0.7276
747	0.7266

ORF	CP	ORF	CP	ORF	CP
1	0.1026	52	-0.1324	102	-0.4714
2	-0.3454	53	-0.3844	103	-0.7594
3	-0.4134	54	-0.5484	104	-0.7494
4	-0.2744	55	0.0936	105	-0.5854
5	-0.1634	56	0.0686	110	-0.1054
6	-0.0834	57	0.0516	111	-0.0914
7	-0.0354	58	0.0316	112	-0.0164
8	-0.0174	59	0.0116	113	-0.0294
9	-0.0114	60	-0.0124	114	0.0756
10	-0.0104	61	-0.0484	115	0.0756
11	-0.0194	62	-0.0934	116	0.0746
12	-0.0354	63	-0.1694	117	0.0736
13	-0.0754	64	-0.5774	118	0.0746
14	-0.2384	65	-0.5644	119	0.0746
15	-0.3644	66	0.0846	120	-0.0274
16	-0.1964	67	0.0596	121	0.0746
17	-0.1904	68	0.0336	122	0.0736
18	-0.1164	69	0.0046	123	0.0746
19	-0.0724	70	-0.0254	124	0.0256
20	-0.0334	71	-0.0654	125	0.0016
21	-0.0104	72	-0.1184	126	0.0276
22	0.0026	73	-0.2134	127	0.0156
23	0.0006	74	-0.5884	128	-0.0544
24	-0.0054	75	0.0716	129	-0.0414
25	-0.0184	76	0.0346	135	0.0456
26	-0.0414	77	-0.0064	136	0.0376
27	-0.0904	78	-0.0494	137	0.0436
28	-0.2474	79	-0.0944	138	0.1276
29	-0.4124	80	-0.1544	139	0.1276
30	-0.0444	81	-0.2884	140	0.1226
32	-0.0094	82	-0.5994	141	0.1366
33	0.0046	83	0.0496	142	0.1356
34	0.0116	84	-0.0064	143	0.1356
35	0.0146	85	-0.0624	145	0.0356
36	0.0126	86	-0.1064	147	0.1356
37	0.0006	87	-0.1564	151	-0.0374
38	-0.0164	88	-0.2504	152	-0.2394
39	-0.0464	89	-0.6104	153	-0.2354
40	-0.0954	90	-0.0584	154	-0.2914
41	-0.2244	91	-0.0784	155	0.0016
42	-0.4654	92	-0.1184	156	0.1006
43	0.0626	93	-0.1624	157	-0.0794
44	0.0536	94	-0.2364	158	0.3616
45	0.0426	95	-0.6054	159	0.2376
46	0.0336	96	-0.3874	160	0.1876
47	0.0256	97	-0.5354	161	0.0636
48	0.0126	98	0.0476	162	0.3266
49	-0.0074	99	0.0046	163	0.2646
50	-0.0294	100	-0.2634	164	0.1266
51	-0.0724	101	-0.5294	165	-0.0094

ORF	CP	ORF	CP	ORF	CP
166	0.3906	217	-0.1504	268	-0.3744
167	0.2666	218	-0.0464	269	-0.0274
168	0.2006	219	-0.0134	270	0.0826
169	0.0606	220	-0.0404	271	-0.5044
170	0.1776	221	-0.2654	272	-0.4944
171	0.1496	222	-0.3114	273	-0.0084
172	-0.0614	223	0.0826	274	0.0136
173	-0.0004	224	0.2066	275	0.3816
174	-0.0954	225	0.2896	276	0.3536
175	-0.2564	226	0.1216	277	0.1936
176	-0.2904	227	-0.6374	278	-0.7604
177	-0.2574	228	-0.6054	279	-0.7014
178	-0.4164	229	-0.5644	280	-0.6244
179	-0.4054	230	-0.4234	281	-0.4714
180	-0.2224	231	-0.1544	282	-0.2184
181	0.3206	232	-0.0494	283	-0.0754
182	0.4626	233	-0.0244	284	-0.0004
183	0.4466	234	-0.0394	285	-0.0514
184	0.6506	235	-0.2244	286	-0.5104
185	0.7086	236	-0.1564	287	-0.4644
186	0.7726	237	0.0956	288	0.0006
187	0.8556	238	0.0556	289	0.0226
188	0.9256	239	0.2526	290	0.0646
189	0.9566	240	0.1266	291	-0.5634
190	0.2956	241	-0.5494	292	-0.0234
191	-0.2034	242	-0.5504	325	0.0856
192	-0.2364	244	-0.3144	326	0.0846
193	-0.2384	245	-0.1194	327	0.0826
194	-0.2094	246	-0.0694	328	0.0826
195	-0.2194	247	-0.0424	329	0.0826
196	-0.2364	248	-0.0504	330	0.0826
197	-0.2194	249	-0.1904	331	0.0866
198	-0.2204	250	-0.1674	332	0.0846
199	-0.2174	251	-0.0744	333	0.0836
200	-0.2144	252	-0.0314	334	0.0826
201	-0.2104	253	0.2756	335	0.0836
202	-0.2154	254	0.1286	336	0.0866
203	-0.2124	255	-0.6344	337	0.0856
204	-0.2064	256	-0.6154	338	0.0846
205	0.2626	257	-0.5864	339	0.0826
206	0.2906	258	-0.4844	340	0.0826
207	0.2896	259	-0.2114	341	0.0826
208	0.2826	260	-0.0664	350	0.0736
210	0.3526	261	-0.0144	351	0.0746
211	0.3456	262	-0.0284	352	0.0736
212	0.1896	263	-0.3174	353	0.0716
213	-0.7704	264	-0.2744	354	0.0726
214	-0.6484	265	-0.0314	355	0.0736
215	-0.5834	266	0.0566		
216	-0.3964	267	-0.3574		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 699
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 35.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.901
TUNNEL DYNAMIC PRESSURE(PSF) = 652.
TUNNEL STAGNATION PRESSURE(PSF) = 1944.
TUNNEL STATIC PRESSURE(PSF) = 1149.
REYNOLDS NUMBER PER FOOT = 3.9920E 06
MODEL ANGLE OF ATTACK(DEG) = -14.24
FIN ANGLE(DEG) = 0.62
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.6307
247	0.6297
347	0.6297
447	0.6297
547	0.6247
647	0.6247
747	0.6247

ORF	CP	ORF	CP	ORF	CP
1	0.4697	52	0.0177	102	-0.5673
2	0.1247	53	-0.3063	103	-0.8453
3	0.2047	54	-0.2823	104	-0.8073
4	0.2857	55	0.5117	105	-0.6513
5	0.3047	56	0.4497	110	-0.1073
6	0.2937	57	0.3997	111	-0.1233
7	0.2887	58	0.3457	112	-0.1103
8	0.2777	59	0.2927	113	-0.1293
9	0.2627	60	0.2357	114	0.0847
10	0.2397	61	0.1707	115	0.0827
11	0.2167	62	0.0877	116	0.0817
12	0.1847	63	-0.0343	117	0.0817
13	0.1317	64	-0.3313	118	0.0827
14	-0.0973	65	-0.2983	119	0.0837
15	-0.2293	66	0.4837	120	-0.0523
16	0.4467	67	0.4227	121	0.0837
17	0.4087	68	0.3547	122	0.0827
18	0.3877	69	0.2947	123	0.0857
19	0.3677	70	0.2267	124	-0.0963
20	0.3467	71	0.1567	125	-0.1293
21	0.3207	72	0.0597	126	-0.0953
22	0.3017	73	-0.0953	127	-0.1123
23	0.2727	74	-0.3233	128	-0.1943
24	0.2467	75	0.4507	129	-0.1453
25	0.2147	76	0.3707	135	-0.0553
26	0.1727	77	0.2917	136	-0.0943
27	0.0977	78	0.2107	137	-0.0573
28	-0.1053	79	0.1177	138	0.0577
29	-0.2603	80	0.0017	139	0.0297
30	0.5097	81	-0.2123	140	0.0517
32	0.4177	82	-0.3533	141	0.1827
33	0.3837	83	0.3737	142	0.1137
34	0.3517	84	0.3047	143	0.1447
35	0.3227	85	0.2027	145	-0.1033
36	0.2897	86	0.0897	147	0.1107
37	0.2597	87	-0.0313	151	0.0877
38	0.2177	88	-0.2053	152	-0.1823
39	0.1657	89	-0.3983	153	-0.1773
40	0.0797	90	0.2797	154	-0.3023
41	-0.1053	91	0.0887	155	0.0577
42	-0.2703	92	-0.0393	156	0.2397
43	0.5237	93	-0.1463	157	0.0047
44	0.4677	94	-0.2763	158	0.5887
45	0.4207	95	-0.4673	159	0.3317
46	0.3777	96	-1.0593	160	0.2867
47	0.3387	97	-0.7033	161	0.1227
48	0.2937	98	-1.0713	162	0.5027
49	0.2467	99	-0.7403	163	0.3497
50	0.1977	100	-0.6373	164	0.0277
51	0.1237	101	-0.6173	165	0.0157

ORF	CP	ORF	CP	ORF	CP
166	0.3487	217	-0.6593	268	-0.3703
167	0.2457	218	-0.3733	269	0.0357
168	0.1597	219	-0.1603	270	0.2047
169	-0.0163	220	-0.0933	271	-0.5593
170	0.2997	221	-0.2253	272	-0.5713
171	0.0517	222	-0.1193	273	0.0227
172	-0.1353	223	0.2217	274	0.0147
173	0.0837	224	0.2237	275	0.0767
174	-0.0293	225	0.1757	276	0.7177
175	-0.2513	226	0.0247	277	0.5047
176	-0.3503	227	-1.0953	278	-0.5353
177	-0.1803	228	-0.9903	279	-0.4413
178	-0.3413	229	-0.9073	280	-0.2183
179	-0.3113	230	-0.7913	281	0.1917
180	-0.2753	231	-0.5873	282	0.3057
181	0.5157	232	-0.4053	283	0.2887
182	0.6767	233	-0.1773	284	0.2577
183	0.2817	234	-0.1013	285	0.1447
184	0.4087	235	-0.1563	286	-0.6103
185	0.5077	236	-0.0143	287	-0.5523
186	0.7087	237	0.1357	288	-0.0393
187	0.8857	238	0.1327	289	-0.0513
188	1.0307	239	0.1967	290	0.1867
189	1.0967	240	0.0917	291	-0.6083
190	0.0237	241	-0.7733	292	-0.3943
191	-0.2013	242	-0.7513	325	0.0907
192	-0.2713	244	-0.5883	326	0.0907
193	-0.2713	245	-0.3793	327	0.0917
194	-0.2473	246	-0.2183	328	0.0907
195	-0.2563	247	-0.0483	329	0.0907
196	-0.2673	248	0.0007	330	0.0917
197	-0.2633	249	-0.1113	331	0.0917
198	-0.2583	250	-0.0793	332	0.0927
199	-0.2633	251	0.0087	333	0.0927
200	-0.2443	252	0.0517	334	0.0917
201	-0.2453	253	0.4857	335	0.0927
202	-0.2623	254	0.2407	336	0.0917
203	-0.2533	255	-0.5163	337	0.0907
204	-0.2423	256	-0.4903	338	0.0907
205	-0.0443	257	-0.4523	339	0.0917
206	-0.0733	258	-0.2893	340	0.0897
207	-0.0343	259	-0.0433	341	0.0907
208	0.0007	260	0.0427	350	0.0817
210	0.4807	261	0.1037	351	0.0857
211	0.0187	262	0.1087	352	0.0837
212	-0.0543	263	-0.2383	353	0.0837
213	-1.2093	264	-0.2363	354	0.0827
214	-1.1623	265	0.0477	355	0.0827
215	-1.0553	266	0.1847		
216	-0.8273	267	-0.2853		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 700
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 35.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.901
TUNNEL DYNAMIC PRESSURE(PSF) = 653.
TUNNEL STAGNATION PRESSURE(PSF) = 1944.
TUNNEL STATIC PRESSURE(PSF) = 1148.
REYNOLDS NUMBER PER FOOT = 3.9930E 06
MODEL ANGLE OF ATTACK(DEG) = -12.09
FIN ANGLE(DEG) = 0.37
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.6320
247	0.6320
347	0.6330
447	0.6330
547	0.6300
647	0.6300
747	0.6310

ORF	CP	ORF	CP	ORF	CP
1	0.4170	52	-0.0110	102	-0.4870
2	0.0980	53	-0.3400	103	-0.7990
3	0.1450	54	-0.3010	104	-0.7720
4	0.2180	55	0.4780	105	-0.6030
5	0.2400	56	0.4070	110	-0.0990
6	0.2410	57	0.3570	111	-0.1120
7	0.2390	58	0.3060	112	-0.0870
8	0.2320	59	0.2560	113	-0.1080
9	0.2190	60	0.2020	114	0.1020
10	0.2010	61	0.1390	115	0.1010
11	0.1820	62	0.0590	116	0.1020
12	0.1500	63	-0.0630	117	0.1000
13	0.0970	64	-0.3820	118	0.1030
14	-0.1240	65	-0.3180	119	0.1030
15	-0.2530	66	0.4520	120	-0.0050
16	0.3800	67	0.3810	121	0.0990
17	0.3360	68	0.3170	122	0.0990
18	0.3220	69	0.2590	123	0.1020
19	0.3030	70	0.1940	124	-0.0670
20	0.2900	71	0.1250	125	-0.1060
21	0.2770	72	0.0300	126	-0.0730
22	0.2560	73	-0.1250	127	-0.0900
23	0.2340	74	-0.3430	128	-0.1360
24	0.2100	75	0.4220	129	-0.1150
25	0.1810	76	0.3370	135	-0.0280
26	0.1390	77	0.2570	136	-0.0580
27	0.0670	78	0.1780	137	-0.0300
28	-0.1310	79	0.0880	138	0.0830
29	-0.2830	80	-0.0270	139	0.0710
30	0.4530	81	-0.2370	140	0.0820
32	0.3640	82	-0.3690	141	0.1610
33	0.3350	83	0.3500	142	0.1260
34	0.3090	84	0.2770	143	0.1440
35	0.2790	85	0.1700	145	-0.0440
36	0.2540	86	0.0610	147	0.1200
37	0.2230	87	-0.0570	151	0.0700
38	0.1820	88	-0.2280	152	-0.1720
39	0.1310	89	-0.4080	153	-0.1840
40	0.0490	90	0.2540	154	-0.3030
41	-0.1300	91	0.0610	155	0.0970
42	-0.2900	92	-0.0590	156	0.2230
43	0.4790	93	-0.1530	157	-0.0050
44	0.4190	94	-0.2880	158	0.5730
45	0.3730	95	-0.4600	159	0.3270
46	0.3320	96	-1.0470	160	0.2840
47	0.2960	97	-0.6240	161	0.1270
48	0.2560	98	-1.0960	162	0.4880
49	0.2100	99	-0.7600	163	0.3540
50	0.1600	100	-0.5880	164	0.0680
51	0.0890	101	-0.5480	165	0.0290

ORF	CP	ORF	CP	ORF	CP
166	0.3260	217	-0.5680	268	-0.3220
167	0.2710	218	-0.3570	269	0.0570
168	0.1980	219	-0.1620	270	0.2070
169	0.0150	220	-0.1020	271	-0.4850
170	0.2980	221	-0.2140	272	-0.4840
171	0.0710	222	-0.1330	273	0.0430
172	-0.1180	223	0.1970	274	0.0320
173	0.0880	224	0.2160	275	0.1530
174	-0.0310	225	0.2190	276	0.6370
175	-0.2380	226	0.0600	277	0.4550
176	-0.3400	227	-0.9870	278	-0.5080
177	-0.1810	228	-0.9100	279	-0.3710
178	-0.3500	229	-0.8610	280	-0.1400
179	-0.2950	230	-0.7650	281	0.1540
180	-0.2660	231	-0.5570	282	0.2500
181	0.4830	232	-0.3730	283	0.2430
182	0.6400	233	-0.1590	284	0.2260
183	0.2700	234	-0.0910	285	0.1200
184	0.3970	235	-0.1440	286	-0.5130
185	0.5190	236	-0.0040	287	-0.4540
186	0.7000	237	0.1340	288	-0.0090
187	0.9360	238	0.1300	289	-0.0200
188	1.0710	239	0.2710	290	0.2000
189	1.1470	240	0.1570	291	-0.5780
190	0.0780	241	-0.7850	292	-0.2520
191	-0.1950	242	-0.7610	325	0.0950
192	-0.2590	244	-0.5650	326	0.0960
193	-0.2580	245	-0.3560	327	0.0960
194	-0.2410	246	-0.1940	328	0.0990
195	-0.2380	247	-0.0320	329	0.0970
196	-0.2660	248	0.0050	330	0.0940
197	-0.2510	249	-0.0960	331	0.0960
198	-0.2560	250	-0.0650	332	0.0960
199	-0.2530	251	0.0230	333	0.1000
200	-0.2290	252	0.0550	334	0.0970
201	-0.2360	253	0.5230	335	0.0950
202	-0.2480	254	0.2860	336	0.0950
203	-0.2410	255	-0.4870	337	0.0940
204	-0.2460	256	-0.4890	338	0.0950
205	0.0060	257	-0.4670	339	0.0960
206	-0.0380	258	-0.3720	340	0.0970
207	0.0060	259	-0.1220	341	0.0960
208	0.0320	260	0.0080	350	0.1030
210	0.4870	261	0.1010	351	0.1020
211	0.1180	262	0.1090	352	0.1010
212	0.0250	263	-0.2320	353	0.1020
213	-1.1900	264	-0.2080	354	0.1020
214	-1.1410	265	0.0620	355	0.1000
215	-1.0310	266	0.1950		
216	-0.8110	267	-0.2750		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 701
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 35.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.895
TUNNEL DYNAMIC PRESSURE(PSF) = 649.
TUNNEL STAGNATION PRESSURE(PSF) = 1945.
TUNNEL STATIC PRESSURE(PSF) = 1156.
REYNOLDS NUMBER PER FOOT = 3.9860E 06
MODEL ANGLE OF ATTACK(DEG) = -8.10
FIN ANGLE(DEG) = 0.22
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.6248
247	0.6248
347	0.6248
447	0.6238
547	0.6178
647	0.6168
747	0.6178

ORF	CP	ORF	CP	ORF	CP
1	0.2788	52	-0.0772	102	-0.4872
2	0.0198	53	-0.3982	103	-0.6982
3	0.0368	54	-0.3912	104	-0.6832
4	0.0768	55	0.3678	105	-0.5622
5	0.1018	56	0.3008	110	-0.0972
6	0.1078	57	0.2468	111	-0.1102
7	0.1188	58	0.2038	112	-0.0752
8	0.1128	59	0.1678	113	-0.0972
9	0.1068	60	0.1208	114	0.0768
10	0.0948	61	0.0598	115	0.0768
11	0.0778	62	-0.0142	116	0.0758
12	0.0478	63	-0.1282	117	0.0768
13	0.0008	64	-0.6102	118	0.0758
14	-0.2072	65	-0.4062	119	0.0748
15	-0.3172	66	0.3618	120	-0.0322
16	0.2368	67	0.2808	121	0.0758
17	0.1938	68	0.2158	122	0.0728
18	0.1798	69	0.1588	123	0.0738
19	0.1658	70	0.1078	124	-0.0582
20	0.1618	71	0.0438	125	-0.0842
21	0.1568	72	-0.0472	126	-0.0492
22	0.1428	73	-0.1962	127	-0.0672
23	0.1268	74	-0.4192	128	-0.1672
24	0.1068	75	0.3348	129	-0.1292
25	0.0818	76	0.2428	135	-0.0232
26	0.0508	77	0.1648	136	-0.0352
27	-0.0162	78	0.0808	137	-0.0192
28	-0.2012	79	-0.0052	138	0.0798
29	-0.3522	80	-0.1092	139	0.0788
30	0.3188	81	-0.3122	140	0.0788
32	0.2408	82	-0.4492	141	0.1178
33	0.2168	83	0.2698	142	0.1088
34	0.1968	84	0.1828	143	0.1138
35	0.1738	85	0.0758	145	-0.0362
36	0.1538	86	-0.0322	147	0.1068
37	0.1278	87	-0.1352	151	0.0358
38	0.0968	88	-0.2962	152	-0.1772
39	0.0498	89	-0.4642	153	-0.1982
40	-0.0252	90	0.1738	154	-0.2922
41	-0.1852	91	-0.0222	155	0.1318
42	-0.3742	92	-0.1282	156	0.1768
43	0.3608	93	-0.2152	157	-0.0232
44	0.2998	94	-0.3202	158	0.5038
45	0.2548	95	-0.4412	159	0.3068
46	0.2308	96	-0.9552	160	0.2688
47	0.2008	97	-0.6232	161	0.1218
48	0.1638	98	-1.1652	162	0.4238
49	0.1248	99	-0.8082	163	0.3368
50	0.0798	100	-0.5232	164	0.0758
51	0.0148	101	-0.5592	165	0.0398

ORF	CP	ORF	CP	ORF	CP
166	0.2748	217	-0.5012	268	-0.3562
167	0.2828	218	-0.3272	269	-0.0132
168	0.2268	219	-0.1552	270	0.1138
169	0.0528	220	-0.1192	271	-0.5142
170	0.2788	221	-0.2422	272	-0.5062
171	0.0858	222	-0.2412	273	-0.0242
172	-0.0952	223	0.1248	274	-0.0212
173	0.0778	224	0.1488	275	0.1788
174	-0.0192	225	0.2578	276	0.4358
175	-0.2512	226	0.0878	277	0.3088
176	-0.3142	227	-0.8922	278	-0.4642
177	-0.2002	228	-0.8932	279	-0.3052
178	-0.3642	229	-0.8532	280	-0.1392
179	-0.2932	230	-0.7512	281	0.0178
180	-0.2492	231	-0.5432	282	0.0928
181	0.4048	232	-0.3402	283	0.0988
182	0.5528	233	-0.1402	284	0.1018
183	0.2518	234	-0.1062	285	0.0178
184	0.3778	235	-0.2072	286	-0.5342
185	0.5008	236	-0.0642	287	-0.4912
186	0.6858	237	0.1068	288	-0.0412
187	0.9298	238	0.1148	289	-0.0342
188	1.0938	239	0.2918	290	0.1208
189	1.1608	240	0.1718	291	-0.6712
190	0.0708	241	-0.8792	292	-0.2362
191	-0.1962	242	-0.8222	325	0.0818
192	-0.2552	244	-0.5592	326	0.0858
193	-0.2512	245	-0.3182	327	0.0848
194	-0.2242	246	-0.1662	328	0.0838
195	-0.2262	247	-0.0542	329	0.0818
196	-0.2572	248	-0.0392	330	0.0838
197	-0.2432	249	-0.1742	331	0.0868
198	-0.2372	250	-0.1272	332	0.0848
199	-0.2442	251	-0.0262	333	0.0848
200	-0.2232	252	0.0008	334	0.0838
201	-0.2232	253	0.4048	335	0.0838
202	-0.2292	254	0.2258	336	0.0858
203	-0.2292	255	-0.5762	337	0.0818
204	-0.2212	256	-0.5812	338	0.0848
205	0.0908	257	-0.5472	339	0.0838
206	0.0938	258	-0.4332	340	0.0828
207	0.0878	259	-0.1662	341	0.0818
208	0.1208	260	-0.0262	350	0.0768
210	0.4678	261	0.0368	351	0.0728
211	0.2318	262	0.0278	352	0.0728
212	0.0858	263	-0.2972	353	0.0748
213	-1.1762	264	-0.2502	354	0.0768
214	-1.0822	265	0.0028	355	0.0768
215	-0.9682	266	0.1088		
216	-0.7492	267	-0.3522		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 702
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 35.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.901
TUNNEL DYNAMIC PRESSURE(PSF) = 652.
TUNNEL STAGNATION PRESSURE(PSF) = 1944.
TUNNEL STATIC PRESSURE(PSF) = 1149.
REYNOLDS NUMBER PER FOOT = 3.9940E 06
MODEL ANGLE OF ATTACK(DEG) = -6.04
FIN ANGLE(DEG) = 0.41
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.6307
247	0.6297
347	0.6297
447	0.6297
547	0.6317
647	0.6317
747	0.6307

ORF	CP	ORF	CP	ORF	CP
1	0.1817	52	-0.0983	102	-0.4803
2	-0.0233	53	-0.4063	103	-0.6873
3	-0.0153	54	-0.4443	104	-0.6803
4	0.0277	55	0.3227	105	-0.5233
5	0.0447	56	0.2547	110	-0.0783
6	0.0557	57	0.2097	111	-0.1003
7	0.0657	58	0.1707	112	-0.0643
8	0.0667	59	0.1327	113	-0.0843
9	0.0597	60	0.0847	114	0.0787
10	0.0507	61	0.0307	115	0.0807
11	0.0327	62	-0.0393	116	0.0787
12	0.0057	63	-0.1473	117	0.0787
13	-0.0433	64	-0.6263	118	0.0767
14	-0.2343	65	-0.5143	119	0.0777
15	-0.3353	66	0.3157	120	-0.0903
16	0.1607	67	0.2377	121	0.0787
17	0.1257	68	0.1767	122	0.0787
18	0.1187	69	0.1227	123	0.0757
19	0.1087	70	0.0737	124	-0.0353
20	0.1047	71	0.0137	125	-0.0613
21	0.1017	72	-0.0703	126	-0.0283
22	0.0917	73	-0.2083	127	-0.0443
23	0.0767	74	-0.5693	128	-0.1273
24	0.0627	75	0.2867	129	-0.1123
25	0.0417	76	0.1937	135	-0.0023
26	0.0067	77	0.1197	136	-0.0083
27	-0.0583	78	0.0437	137	0.0017
28	-0.2283	79	-0.0423	138	0.1007
29	-0.3703	80	-0.1413	139	0.0977
30	0.2467	81	-0.3273	140	0.0977
32	0.1817	82	-0.6153	141	0.1197
33	0.1637	83	0.2257	142	0.1117
34	0.1437	84	0.1367	143	0.1167
35	0.1277	85	0.0277	145	-0.0153
36	0.1077	86	-0.0783	147	0.1117
37	0.0837	87	-0.1833	151	0.0137
38	0.0567	88	-0.3273	152	-0.1773
39	0.0127	89	-0.6553	153	-0.2023
40	-0.0553	90	0.1217	154	-0.2743
41	-0.2093	91	-0.0713	155	0.1147
42	-0.3973	92	-0.1733	156	0.1497
43	0.3027	93	-0.2523	157	-0.0353
44	0.2467	94	-0.3503	158	0.4527
45	0.2107	95	-0.6113	159	0.2837
46	0.1867	96	-0.8853	160	0.2517
47	0.1557	97	-0.6123	161	0.1117
48	0.1227	98	-0.8203	162	0.3787
49	0.0867	99	-0.7553	163	0.3127
50	0.0437	100	-0.6193	164	0.0947
51	-0.0143	101	-0.5403	165	0.0317

ORF	CP	ORF	CP	ORF	CP
166	0.2517	217	-0.4323	268	-0.3363
167	0.2647	218	-0.2673	269	-0.0263
168	0.2197	219	-0.1223	270	0.0667
169	0.0587	220	-0.1073	271	-0.4933
170	0.2517	221	-0.2433	272	-0.4823
171	0.0897	222	-0.2603	273	-0.0403
172	-0.0853	223	0.1147	274	-0.0333
173	0.0887	224	0.1477	275	0.2457
174	-0.0213	225	0.2977	276	0.3257
175	-0.2223	226	0.1217	277	0.2117
176	-0.2873	227	-0.8593	278	-0.4053
177	-0.2023	228	-0.8553	279	-0.2953
178	-0.3543	229	-0.8073	280	-0.1283
179	-0.2953	230	-0.7023	281	-0.0073
180	-0.2353	231	-0.4603	282	0.0487
181	0.3617	232	-0.2613	283	0.0537
182	0.5027	233	-0.1023	284	0.0597
183	0.2867	234	-0.0863	285	-0.0133
184	0.4277	235	-0.2123	286	-0.5143
185	0.5247	236	-0.0773	287	-0.4623
186	0.6867	237	0.1127	288	-0.0393
187	0.8917	238	0.1127	289	-0.0373
188	1.0517	239	0.3257	290	0.0877
189	1.1257	240	0.2007	291	-0.6303
190	0.0927	241	-0.8713	292	-0.2123
191	-0.1883	242	-0.8103	325	0.0817
192	-0.2293	244	-0.5273	326	0.0797
193	-0.2283	245	-0.2693	327	0.0797
194	-0.2073	246	-0.1423	328	0.0807
195	-0.2063	247	-0.0503	329	0.0837
196	-0.2413	248	-0.0433	330	0.0837
197	-0.2193	249	-0.1893	331	0.0807
198	-0.2183	250	-0.1423	332	0.0817
199	-0.2193	251	-0.0223	333	0.0817
200	-0.2103	252	0.0047	334	0.0837
201	-0.2043	253	0.3607	335	0.0837
202	-0.2173	254	0.1937	336	0.0817
203	-0.2123	255	-0.6323	337	0.0817
204	-0.2073	256	-0.6093	338	0.0797
205	0.1397	257	-0.5643	339	0.0807
206	0.1517	258	-0.4203	340	0.0807
207	0.1507	259	-0.1343	341	0.0837
208	0.1697	260	-0.0133	350	0.0797
210	0.4487	261	0.0327	351	0.0777
211	0.2607	262	0.0057	352	0.0777
212	0.1017	263	-0.3113	353	0.0777
213	-1.0923	264	-0.2493	354	0.0777
214	-0.9593	265	-0.0073	355	0.0757
215	-0.8683	266	0.0747		
216	-0.6783	267	-0.3543		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 703
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 35.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.899
TUNNEL DYNAMIC PRESSURE(PSF) = 651.
TUNNEL STAGNATION PRESSURE(PSF) = 1944.
TUNNEL STATIC PRESSURE(PSF) = 1151.
REYNOLDS NUMBER PER FOOT = 3.9880E 06
MODEL ANGLE OF ATTACK(DEG) = -3.98
FIN ANGLE(DEG) = 0.38
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.6300
247	0.6290
347	0.6310
447	0.6310
547	0.6330
647	0.6330
747	0.6330

ORF	CP	ORF	CP	ORF	CP
1	0.1040	52	-0.1360	102	-0.4470
2	-0.0980	53	-0.4300	103	-0.6500
3	-0.0700	54	-0.4520	104	-0.6500
4	-0.0170	55	0.2560	105	-0.4800
5	0.0020	56	0.1920	110	-0.0690
6	0.0100	57	0.1540	111	-0.0900
7	0.0200	58	0.1210	112	-0.0490
8	0.0200	59	0.0830	113	-0.0700
9	0.0100	60	0.0410	114	0.0780
10	0.0020	61	-0.0110	115	0.0800
11	-0.0140	62	-0.0730	116	0.0800
12	-0.0390	63	-0.1700	117	0.0780
13	-0.0870	64	-0.6470	118	0.0810
14	-0.2650	65	-0.5570	119	0.0820
15	-0.3480	66	0.2480	120	-0.0820
16	0.0800	67	0.1740	121	0.0790
17	0.0590	68	0.1190	122	0.0790
18	0.0570	69	0.0670	123	0.0800
19	0.0530	70	0.0160	124	-0.0220
20	0.0510	71	-0.0360	125	-0.0510
21	0.0480	72	-0.1030	126	-0.0240
22	0.0380	73	-0.2240	127	-0.0340
23	0.0280	74	-0.6200	128	-0.1080
24	0.0130	75	0.2250	129	-0.0840
25	-0.0080	76	0.1380	135	0.0060
26	-0.0440	77	0.0740	136	0.0070
27	-0.1030	78	0.0110	137	0.0070
28	-0.2680	79	-0.0620	138	0.1030
29	-0.3800	80	-0.1560	139	0.1030
30	0.1670	81	-0.3330	140	0.1040
32	0.1200	82	-0.6310	141	0.1170
33	0.1060	83	0.1690	142	0.1160
34	0.0840	84	0.0840	143	0.1190
35	0.0740	85	-0.0140	145	0.0040
36	0.0510	86	-0.1080	147	0.1130
37	0.0300	87	-0.2010	151	-0.0240
38	0.0030	88	-0.3350	152	-0.1740
39	-0.0380	89	-0.6520	153	-0.2080
40	-0.1000	90	0.0590	154	-0.2590
41	-0.2480	91	-0.1060	155	0.0960
42	-0.3990	92	-0.1850	156	0.0940
43	0.2380	93	-0.2600	157	-0.0570
44	0.1880	94	-0.3670	158	0.4040
45	0.1530	95	-0.6460	159	0.2390
46	0.1310	96	-0.5520	160	0.2060
47	0.0980	97	-0.6120	161	0.0840
48	0.0670	98	-0.3940	162	0.3280
49	0.0370	99	-0.4930	163	0.2660
50	-0.0040	100	-0.4730	164	0.1030
51	-0.0610	101	-0.5150	165	0.0200

ORF	CP	ORF	CP	ORF	CP
166	0.2460	217	-0.3070	268	-0.3040
167	0.2410	218	-0.1710	269	-0.0460
168	0.1970	219	-0.0840	270	0.0430
169	0.0460	220	-0.0930	271	-0.4620
170	0.2650	221	-0.2330	272	-0.4190
171	0.1180	222	-0.2720	273	-0.0370
172	-0.0690	223	0.1250	274	-0.0340
173	0.0920	224	0.1660	275	0.2880
174	-0.0240	225	0.3260	276	0.2670
175	-0.1920	226	0.1530	277	0.1470
176	-0.2720	227	-0.7760	278	-0.4830
177	-0.2190	228	-0.7580	279	-0.4250
178	-0.3630	229	-0.7280	280	-0.2700
179	-0.2870	230	-0.6220	281	-0.0750
180	-0.2210	231	-0.3560	282	0.0060
181	0.2780	232	-0.1680	283	0.0170
182	0.4210	233	-0.0660	284	0.0230
183	0.3770	234	-0.0650	285	-0.0530
184	0.5470	235	-0.2180	286	-0.4810
185	0.6240	236	-0.0990	287	-0.4170
186	0.7600	237	0.1170	288	-0.0290
187	0.9140	238	0.1120	289	-0.0380
188	1.0440	239	0.2920	290	0.0350
189	1.0930	240	0.1690	291	-0.4170
190	0.1140	241	-0.7800	292	-0.1650
191	-0.1820	242	-0.7250	325	0.0820
192	-0.2110	244	-0.4420	326	0.0850
193	-0.2170	245	-0.2000	327	0.0840
194	-0.2040	246	-0.0990	328	0.0850
195	-0.1960	247	-0.0410	329	0.0820
196	-0.2240	248	-0.0430	330	0.0840
197	-0.2030	249	-0.1890	331	0.0850
198	-0.2020	250	-0.1410	332	0.0840
199	-0.2040	251	-0.0240	333	0.0850
200	-0.1990	252	0.0040	334	0.0830
201	-0.1920	253	0.2620	335	0.0840
202	-0.1970	254	0.0970	336	0.0810
203	-0.1930	255	-0.5670	337	0.0820
204	-0.1920	256	-0.5200	338	0.0860
205	0.1760	257	-0.4590	339	0.0840
206	0.1930	258	-0.2670	340	0.0840
207	0.1920	259	-0.0710	341	0.0820
208	0.1970	260	-0.0230	350	0.0790
210	0.3860	261	-0.0120	351	0.0790
211	0.2790	262	-0.0450	352	0.0790
212	0.1070	263	-0.3020	353	0.0800
213	-0.9520	264	-0.2280	354	0.0810
214	-0.8200	265	-0.0400	355	0.0790
215	-0.7520	266	0.0320		
216	-0.5690	267	-0.3380		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 704
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 35.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.901
TUNNEL DYNAMIC PRESSURE(PSF) = 652.
TUNNEL STAGNATION PRESSURE(PSF) = 1945.
TUNNEL STATIC PRESSURE(PSF) = 1149.
REYNOLDS NUMBER PER FOOT = 3.9940E 06
MODEL ANGLE OF ATTACK(DEG) = -1.90
FIN ANGLE(DEG) = 0.18
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.6307
247	0.6287
347	0.6297
447	0.6307
547	0.6297
647	0.6297
747	0.6297

ORF	CP	ORF	CP	ORF	CP
1	0.0327	52	-0.1703	102	-0.4413
2	-0.2383	53	-0.4503	103	-0.6393
3	-0.2183	54	-0.4723	104	-0.6473
4	-0.1183	55	0.1527	105	-0.4673
5	-0.0503	56	0.1137	110	-0.0603
6	-0.0313	57	0.0897	111	-0.0843
7	-0.0193	58	0.0517	112	-0.0433
8	-0.0213	59	0.0207	113	-0.0583
9	-0.0233	60	-0.0153	114	0.0757
10	-0.0363	61	-0.0543	115	0.0767
11	-0.0513	62	-0.1113	116	0.0787
12	-0.0773	63	-0.1993	117	0.0787
13	-0.1213	64	-0.6663	118	0.0767
14	-0.2883	65	-0.6073	119	0.0777
15	-0.3653	66	0.1507	120	-0.0553
16	-0.0473	67	0.0897	121	0.0757
17	-0.0563	68	0.0457	122	0.0757
18	-0.0213	69	0.0077	123	0.0747
19	-0.0123	70	-0.0343	124	-0.0173
20	-0.0053	71	-0.0803	125	-0.0423
21	-0.0063	72	-0.1453	126	-0.0193
22	-0.0093	73	-0.2553	127	-0.0323
23	-0.0183	74	-0.6213	128	-0.1043
24	-0.0323	75	0.1317	129	-0.0873
25	-0.0523	76	0.0717	135	0.0097
26	-0.0833	77	0.0187	136	0.0057
27	-0.1413	78	-0.0393	137	0.0127
28	-0.2973	79	-0.1043	138	0.1017
29	-0.3913	80	-0.1813	139	0.0987
30	0.0587	81	-0.3343	140	0.0997
32	0.0407	82	-0.6053	141	0.1137
33	0.0367	83	0.0937	142	0.1147
34	0.0207	84	0.0097	143	0.1147
35	0.0107	85	-0.0643	145	0.0057
36	0.0007	86	-0.1313	147	0.1137
37	-0.0223	87	-0.1933	151	-0.0573
38	-0.0463	88	-0.3093	152	-0.1843
39	-0.0823	89	-0.6353	153	-0.2463
40	-0.1443	90	-0.0243	154	-0.2603
41	-0.2843	91	-0.1253	155	0.1007
42	-0.4183	92	-0.1733	156	0.0817
43	0.1377	93	-0.2313	157	-0.0733
44	0.0917	94	-0.3213	158	0.4167
45	0.0747	95	-0.5983	159	0.2347
46	0.0567	96	-0.4623	160	0.1917
47	0.0387	97	-0.6023	161	0.0737
48	0.0197	98	-0.0753	162	0.3177
49	-0.0153	99	-0.1293	163	0.2647
50	-0.0493	100	-0.3553	164	0.1037
51	-0.1003	101	-0.4973	165	0.0077

ORF	CP	ORF	CP	ORF	CP
166	0.3097	217	-0.2633	268	-0.3033
167	0.2687	218	-0.1243	269	-0.0443
168	0.2137	219	-0.0563	270	0.0427
169	0.0587	220	-0.0823	271	-0.4593
170	0.2627	221	-0.2353	272	-0.4243
171	0.1517	222	-0.2883	273	-0.0323
172	-0.0593	223	0.0697	274	-0.0283
173	0.0507	224	0.1797	275	0.3257
174	-0.0493	225	0.2937	276	0.2397
175	-0.2183	226	0.1167	277	0.0947
176	-0.2733	227	-0.7123	278	-0.5843
177	-0.2513	228	-0.7013	279	-0.5653
178	-0.4253	229	-0.6613	280	-0.5013
179	-0.3593	230	-0.5513	281	-0.2763
180	-0.2123	231	-0.2713	282	-0.0573
181	0.3177	232	-0.1093	283	-0.0313
182	0.4417	233	-0.0543	284	-0.0293
183	0.4187	234	-0.0673	285	-0.0973
184	0.5897	235	-0.2283	286	-0.4803
185	0.6807	236	-0.1293	287	-0.4383
186	0.8037	237	0.1167	288	-0.0163
187	0.9307	238	0.0877	289	-0.0193
188	1.0027	239	0.2397	290	0.0227
189	1.0317	240	0.1067	291	-0.4783
190	0.2027	241	-0.6213	292	-0.1113
191	-0.1873	242	-0.6043	325	0.0817
192	-0.2153	244	-0.3433	326	0.0817
193	-0.2183	245	-0.1483	327	0.0807
194	-0.1993	246	-0.0963	328	0.0807
195	-0.1943	247	-0.0653	329	0.0807
196	-0.2203	248	-0.0753	330	0.0807
197	-0.2043	249	-0.2013	331	0.0827
198	-0.1983	250	-0.1573	332	0.0817
199	-0.2013	251	-0.0533	333	0.0817
200	-0.1943	252	-0.0303	334	0.0817
201	-0.1913	253	0.1927	335	0.0817
202	-0.1943	254	0.0427	336	0.0827
203	-0.1973	255	-0.5223	337	0.0827
204	-0.1913	256	-0.5163	338	0.0817
205	0.2037	257	-0.4873	339	0.0817
206	0.2267	258	-0.3253	340	0.0817
207	0.2227	259	-0.1103	341	0.0817
208	0.2177	260	-0.0653	350	0.0777
210	0.3637	261	-0.0553	351	0.0767
211	0.3227	262	-0.0793	352	0.0787
212	0.1477	263	-0.3053	353	0.0787
213	-0.8683	264	-0.2303	354	0.0757
214	-0.7523	265	-0.0533	355	0.0757
215	-0.6963	266	0.0237		
216	-0.5323	267	-0.3413		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 705
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 35.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.897
TUNNEL DYNAMIC PRESSURE(PSF) = 650.
TUNNEL STAGNATION PRESSURE(PSF) = 1945.
TUNNEL STATIC PRESSURE(PSF) = 1154.
REYNOLDS NUMBER PER FOOT = 3.9870E 06
MODEL ANGLE OF ATTACK(DEG) = 0.14
FIN ANGLE(DEG) = 0.12
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.6266
247	0.6256
347	0.6256
447	0.6266
547	0.6146
647	0.6136
747	0.6126

ORF	CP	ORF	CP	ORF	CP
1	0.0296	52	-0.2104	102	-0.4614
2	-0.3604	53	-0.4894	103	-0.6364
3	-0.4004	54	-0.5634	104	-0.6394
4	-0.2794	55	0.0456	105	-0.4734
5	-0.1774	56	0.0256	110	-0.0744
6	-0.1084	57	0.0006	111	-0.1024
7	-0.0724	58	-0.0244	112	-0.0534
8	-0.0614	59	-0.0474	113	-0.0764
9	-0.0584	60	-0.0764	114	0.0466
10	-0.0644	61	-0.1124	115	0.0446
11	-0.0764	62	-0.1644	116	0.0466
12	-0.0974	63	-0.2474	117	0.0456
13	-0.1424	64	-0.6904	118	0.0446
14	-0.3144	65	-0.6624	119	0.0446
15	-0.4034	66	0.0316	120	-0.0814
16	-0.1784	67	0.0026	121	0.0426
17	-0.1874	68	-0.0224	122	0.0436
18	-0.1424	69	-0.0554	123	0.0446
19	-0.0924	70	-0.0914	124	-0.0254
20	-0.0684	71	-0.1314	125	-0.0534
21	-0.0534	72	-0.1884	126	-0.0304
22	-0.0474	73	-0.2924	127	-0.0374
23	-0.0504	74	-0.6894	128	-0.0894
24	-0.0624	75	0.0156	129	-0.0874
25	-0.0764	76	-0.0264	135	0.0006
26	-0.1044	77	-0.0664	136	-0.0024
27	-0.1624	78	-0.1104	137	-0.0004
28	-0.3294	79	-0.1634	138	0.0866
29	-0.4414	80	-0.2244	139	0.0896
30	-0.0714	81	-0.3744	140	0.0866
32	-0.0394	82	-0.6994	141	0.0966
33	-0.0334	83	-0.0004	142	0.0996
34	-0.0354	84	-0.0664	143	0.1026
35	-0.0394	85	-0.1194	145	-0.0044
36	-0.0474	86	-0.1654	147	0.0996
37	-0.0594	87	-0.2244	151	-0.0384
38	-0.0784	88	-0.3334	152	-0.2204
39	-0.1144	89	-0.7094	153	-0.2174
40	-0.1724	90	-0.1064	154	-0.2654
41	-0.3164	91	-0.1394	155	0.0256
42	-0.4734	92	-0.1774	156	0.0986
43	0.0216	93	-0.2294	157	-0.0744
44	0.0026	94	-0.3144	158	0.3196
45	-0.0034	95	-0.7034	159	0.2316
46	-0.0134	96	-0.3844	160	0.1726
47	-0.0304	97	-0.6224	161	0.0516
48	-0.0474	98	-0.0024	162	0.2986
49	-0.0664	99	-0.0584	163	0.2466
50	-0.0954	100	-0.3494	164	0.0886
51	-0.1424	101	-0.5124	165	-0.0164

ORF	CP	ORF	CP	ORF	CP
166	0.3506	217	-0.1544	268	-0.3504
167	0.2586	218	-0.0834	269	-0.0494
168	0.1996	219	-0.0684	270	0.0496
169	0.0546	220	-0.0964	271	-0.4804
170	0.1856	221	-0.2384	272	-0.4684
171	0.1296	222	-0.2954	273	-0.0314
172	-0.0684	223	0.0256	274	-0.0154
173	-0.0124	224	0.1516	275	0.3226
174	-0.0954	225	0.2276	276	0.2786
175	-0.2594	226	0.0526	277	0.1106
176	-0.2694	227	-0.6344	278	-0.7274
177	-0.2294	228	-0.6194	279	-0.7004
178	-0.4024	229	-0.5684	280	-0.6364
179	-0.3964	230	-0.4284	281	-0.4874
180	-0.2234	231	-0.1684	282	-0.2114
181	0.3036	232	-0.0894	283	-0.0984
182	0.4206	233	-0.0714	284	-0.0584
183	0.3996	234	-0.0884	285	-0.1174
184	0.5766	235	-0.2334	286	-0.4864
185	0.6326	236	-0.1614	287	-0.4904
186	0.7006	237	0.0656	288	-0.0224
187	0.7616	238	0.0276	289	-0.0044
188	0.8096	239	0.1926	290	0.0356
189	0.8506	240	0.0706	291	-0.5684
190	0.2486	241	-0.5684	292	-0.0844
191	-0.1984	242	-0.5584	325	0.0556
192	-0.2204	244	-0.3224	326	0.0536
193	-0.2314	245	-0.1414	327	0.0536
194	-0.2044	246	-0.1094	328	0.0566
195	-0.2054	247	-0.0934	329	0.0546
196	-0.2344	248	-0.0984	330	0.0536
197	-0.2104	249	-0.2124	331	0.0546
198	-0.2104	250	-0.1714	332	0.0546
199	-0.2114	251	-0.0834	333	0.0566
200	-0.2044	252	-0.0514	334	0.0556
201	-0.1984	253	0.2066	335	0.0536
202	-0.2044	254	0.0576	336	0.0556
203	-0.2004	255	-0.6334	337	0.0556
204	-0.1934	256	-0.6314	338	0.0546
205	0.2056	257	-0.6114	339	0.0546
206	0.2296	258	-0.4894	340	0.0566
207	0.2316	259	-0.2134	341	0.0556
208	0.2276	260	-0.0904	350	0.0446
210	0.2976	261	-0.0724	351	0.0446
211	0.2596	262	-0.0914	352	0.0436
212	0.1146	263	-0.3424	353	0.0436
213	-0.7654	264	-0.2474	354	0.0446
214	-0.6634	265	-0.0494	355	0.0456
215	-0.5974	266	0.0226		
216	-0.3974	267	-0.3804		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 706
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 35.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.902
TUNNEL DYNAMIC PRESSURE(PSF) = 654.
TUNNEL STAGNATION PRESSURE(PSF) = 1946.
TUNNEL STATIC PRESSURE(PSF) = 1148.
REYNOLDS NUMBER PER FOOT = 3.9980E 06
MODEL ANGLE OF ATTACK(DEG) = 2.06
FIN ANGLE(DEG) = 0.04
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.6306
247	0.6306
347	0.6306
447	0.6316
547	0.6286
647	0.6276
747	0.6276

ORF	CP	ORF	CP	ORF	CP
1	-0.0054	52	-0.2404	102	-0.4444
2	-0.4244	53	-0.5004	103	-0.6474
3	-0.4764	54	-0.5954	104	-0.6484
4	-0.3624	55	-0.2784	105	-0.4824
5	-0.2574	56	-0.0924	110	-0.0624
6	-0.1864	57	-0.0794	111	-0.0984
7	-0.1454	58	-0.0944	112	-0.0454
8	-0.1224	59	-0.1074	113	-0.0714
9	-0.1134	60	-0.1294	114	0.0736
10	-0.1104	61	-0.1554	115	0.0726
11	-0.1144	62	-0.2014	116	0.0726
12	-0.1334	63	-0.2754	117	0.0726
13	-0.1764	64	-0.6934	118	0.0726
14	-0.3324	65	-0.6694	119	0.0716
15	-0.4164	66	-0.2714	120	-0.0644
16	-0.2884	67	-0.1104	121	0.0716
17	-0.3104	68	-0.1004	122	0.0736
18	-0.2524	69	-0.1204	123	0.0736
19	-0.1934	70	-0.1474	124	-0.0124
20	-0.1544	71	-0.1804	125	-0.0404
21	-0.1234	72	-0.2254	126	-0.0184
22	-0.1064	73	-0.3214	127	-0.0304
23	-0.1044	74	-0.6804	128	-0.0984
24	-0.1094	75	-0.3114	129	-0.0644
25	-0.1224	76	-0.1374	135	0.0136
26	-0.1444	77	-0.1384	136	0.0086
27	-0.2084	78	-0.1644	137	0.0106
28	-0.3544	79	-0.1944	138	0.1026
29	-0.4564	80	-0.2434	139	0.1006
30	-0.2154	81	-0.3904	140	0.0966
32	-0.1434	82	-0.6804	141	0.1106
33	-0.1234	83	-0.2804	142	0.1086
34	-0.1014	84	-0.1844	143	0.1086
35	-0.0984	85	-0.1644	145	0.0056
36	-0.1004	86	-0.1824	147	0.1086
37	-0.1014	87	-0.2334	151	-0.0244
38	-0.1204	88	-0.3454	152	-0.1984
39	-0.1484	89	-0.6874	153	-0.1974
40	-0.2044	90	-0.3654	154	-0.2454
41	-0.3474	91	-0.1624	155	0.0136
42	-0.4914	92	-0.1874	156	0.0866
43	-0.2024	93	-0.2384	157	-0.0834
44	-0.0924	94	-0.3274	158	0.2466
45	-0.0834	95	-0.6664	159	0.1836
46	-0.0794	96	-0.2054	160	0.1286
47	-0.0834	97	-0.5504	161	0.0036
48	-0.0914	98	0.0666	162	0.2426
49	-0.1104	99	0.0076	163	0.1916
50	-0.1344	100	-0.3864	164	0.0996
51	-0.1764	101	-0.5034	165	-0.0504

ORF	CP	ORF	CP	ORF	CP
166	0.3546	217	-0.1044	268	-0.3284
167	0.1726	218	-0.0634	269	-0.0424
168	0.1366	219	-0.0664	270	0.0326
169	0.0236	220	-0.0984	271	-0.4724
170	0.2196	221	-0.2474	272	-0.4284
171	0.0546	222	-0.2964	273	-0.0184
172	-0.0954	223	0.0626	274	-0.0214
173	-0.0334	224	0.1396	275	0.3256
174	-0.0934	225	0.1546	276	0.2556
175	-0.2424	226	0.0056	277	0.0686
176	-0.2434	227	-0.5434	278	-0.8434
177	-0.2094	228	-0.5194	279	-0.7934
178	-0.3554	229	-0.4914	280	-0.7194
179	-0.3284	230	-0.3414	281	-0.5544
180	-0.2114	231	-0.1244	282	-0.3024
181	0.2216	232	-0.0904	283	-0.1674
182	0.3446	233	-0.0824	284	-0.1014
183	0.3836	234	-0.1014	285	-0.1414
184	0.5046	235	-0.2114	286	-0.4824
185	0.5286	236	-0.1454	287	-0.4314
186	0.5006	237	0.0466	288	-0.0234
187	0.5116	238	0.0046	289	-0.0164
188	0.5546	239	0.1986	290	0.0386
189	0.5956	240	0.0766	291	-0.6614
190	0.2726	241	-0.6654	292	-0.0734
191	-0.2004	242	-0.6434	325	0.0776
192	-0.2104	244	-0.3974	326	0.0776
193	-0.2134	245	-0.1864	327	0.0766
194	-0.2024	246	-0.1224	328	0.0746
195	-0.2114	247	-0.0934	329	0.0776
196	-0.2294	248	-0.1004	330	0.0766
197	-0.2044	249	-0.2164	331	0.0786
198	-0.2074	250	-0.1594	332	0.0766
199	-0.2024	251	-0.0704	333	0.0756
200	-0.1954	252	-0.0214	334	0.0796
201	-0.1894	253	0.2636	335	0.0776
202	-0.1924	254	0.1046	336	0.0786
203	-0.1934	255	-0.7404	337	0.0786
204	-0.1944	256	-0.7334	338	0.0776
205	0.2286	257	-0.7004	339	0.0766
206	0.2626	258	-0.6004	340	0.0756
207	0.2556	259	-0.3454	341	0.0776
208	0.2546	260	-0.1594	350	0.0726
210	0.2616	261	-0.0884	351	0.0736
211	0.2106	262	-0.1044	352	0.0746
212	0.0696	263	-0.3564	353	0.0736
213	-0.6874	264	-0.2444	354	0.0716
214	-0.5884	265	-0.0374	355	0.0706
215	-0.4984	266	0.0226		
216	-0.2914	267	-0.3864		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 707
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 35.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.899
TUNNEL DYNAMIC PRESSURE(PSF) = 651.
TUNNEL STAGNATION PRESSURE(PSF) = 1946.
TUNNEL STATIC PRESSURE(PSF) = 1152.
REYNOLDS NUMBER PER FOOT = 3.9910E 06
MODEL ANGLE OF ATTACK(DEG) = 4.05
FIN ANGLE(DEG) = 0.08
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.6284
247	0.6274
347	0.6274
447	0.6284
547	0.6314
647	0.6304
747	0.6304

ORF	CP	ORF	CP	ORF	CP
1	-0.1496	52	-0.2726	102	-0.4566
2	-0.5136	53	-0.5216	103	-0.6406
3	-0.5646	54	-0.6406	104	-0.6496
4	-0.4276	55	-0.6246	105	-0.4856
5	-0.3206	56	-0.5876	110	-0.0646
6	-0.2496	57	-0.4956	111	-0.1036
7	-0.2186	58	-0.3376	112	-0.0496
8	-0.1976	59	-0.1656	113	-0.0766
9	-0.1806	60	-0.1316	114	0.0814
10	-0.1756	61	-0.1666	115	0.0814
11	-0.1786	62	-0.2086	116	0.0784
12	-0.1946	63	-0.2806	117	0.0804
13	-0.2296	64	-0.7136	118	0.0784
14	-0.3666	65	-0.6996	119	0.0774
15	-0.4346	66	-0.5816	120	-0.0546
16	-0.4896	67	-0.5706	121	0.0794
17	-0.4546	68	-0.5126	122	0.0814
18	-0.3486	69	-0.4216	123	0.0814
19	-0.2746	70	-0.3056	124	-0.0146
20	-0.2336	71	-0.2376	125	-0.0416
21	-0.1996	72	-0.2566	126	-0.0236
22	-0.1826	73	-0.3556	127	-0.0376
23	-0.1736	74	-0.6506	128	-0.0876
24	-0.1746	75	-0.5846	129	-0.0606
25	-0.1816	76	-0.5836	135	0.0094
26	-0.2016	77	-0.5636	136	0.0014
27	-0.2506	78	-0.4796	137	0.0074
28	-0.3936	79	-0.3856	138	0.1044
29	-0.4776	80	-0.3516	139	0.1054
30	-0.6796	81	-0.4486	140	0.1024
32	-0.2116	82	-0.5566	141	0.1134
33	-0.1866	83	-0.5146	142	0.1074
34	-0.1756	84	-0.6026	143	0.1134
35	-0.1626	85	-0.5736	145	-0.0016
36	-0.1596	86	-0.5176	147	0.1034
37	-0.1636	87	-0.4576	151	-0.0196
38	-0.1776	88	-0.4556	152	-0.1856
39	-0.2026	89	-0.5256	153	-0.1966
40	-0.2566	90	-0.6106	154	-0.2106
41	-0.3856	91	-0.6036	155	-0.0386
42	-0.5166	92	-0.5526	156	0.0334
43	-0.7326	93	-0.4946	157	-0.0906
44	-0.6166	94	-0.5006	158	0.1264
45	-0.2686	95	-0.4796	159	0.0864
46	-0.0886	96	-0.0526	160	0.0384
47	-0.1096	97	-0.5496	161	-0.0616
48	-0.1266	98	0.1404	162	0.1604
49	-0.1496	99	0.0714	163	0.0994
50	-0.1736	100	-0.4256	164	0.0994
51	-0.2126	101	-0.5126	165	-0.0786

ORF	CP	ORF	CP	ORF	CP
166	0.2644	217	-0.0856	268	-0.3236
167	0.1384	218	-0.0656	269	-0.0766
168	0.1064	219	-0.0696	270	-0.0196
169	0.0064	220	-0.1056	271	-0.4766
170	0.1764	221	-0.2686	272	-0.4056
171	0.0444	222	-0.2956	273	-0.0426
172	-0.0966	223	0.0484	274	-0.0466
173	-0.0356	224	0.1024	275	0.2754
174	-0.0916	225	0.1314	276	0.1634
175	-0.1946	226	-0.0076	277	-0.0026
176	-0.2236	227	-0.5466	278	-0.9546
177	-0.1886	228	-0.5246	279	-0.8766
178	-0.2846	229	-0.4546	280	-0.7786
179	-0.2406	230	-0.2996	281	-0.5866
180	-0.2076	231	-0.1346	282	-0.3356
181	0.1514	232	-0.1026	283	-0.2436
182	0.2754	233	-0.0976	284	-0.1706
183	0.2564	234	-0.1116	285	-0.1946
184	0.3664	235	-0.2206	286	-0.4886
185	0.3904	236	-0.1456	287	-0.3986
186	0.4114	237	0.0204	288	-0.0356
187	0.4624	238	0.0014	289	-0.0226
188	0.5674	239	0.2104	290	-0.0186
189	0.6514	240	0.0964	291	-0.7346
190	0.2644	241	-0.7766	292	-0.0336
191	-0.2006	242	-0.7366	325	0.0784
192	-0.1956	244	-0.4796	326	0.0784
193	-0.2076	245	-0.2526	327	0.0784
194	-0.1916	246	-0.1606	328	0.0814
195	-0.2016	247	-0.1206	329	0.0804
196	-0.2226	248	-0.1206	330	0.0794
197	-0.1956	249	-0.2356	331	0.0804
198	-0.1976	250	-0.1746	332	0.0804
199	-0.2006	251	-0.0806	333	0.0834
200	-0.1976	252	-0.0416	334	0.0814
201	-0.1846	253	0.1904	335	0.0804
202	-0.1846	254	0.0294	336	0.0824
203	-0.1886	255	-0.8516	337	0.0794
204	-0.1896	256	-0.8096	338	0.0794
205	0.2254	257	-0.7616	339	0.0804
206	0.2654	258	-0.6046	340	0.0834
207	0.2524	259	-0.3466	341	0.0814
208	0.2594	260	-0.2156	350	0.0794
210	0.2124	261	-0.1556	351	0.0794
211	0.1444	262	-0.1586	352	0.0794
212	0.0204	263	-0.3716	353	0.0784
213	-0.5716	264	-0.2596	354	0.0814
214	-0.4446	265	-0.0786	355	0.0794
215	-0.3466	266	-0.0326		
216	-0.1766	267	-0.4026		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 708
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 35.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.897
TUNNEL DYNAMIC PRESSURE(PSF) = 650.
TUNNEL STAGNATION PRESSURE(PSF) = 1946.
TUNNEL STATIC PRESSURE(PSF) = 1154.
REYNOLDS NUMBER PER FOOT = 3.9870E 06
MODEL ANGLE OF ATTACK(DEG) = 5.99
FIN ANGLE(DEG) = 0.18
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.6276
247	0.6256
347	0.6266
447	0.6266
547	0.6216
647	0.6226
747	0.6216

ORF	CP	ORF	CP	ORF	CP
1	-0.3574	52	-0.3004	102	-0.4734
2	-0.7364	53	-0.5514	103	-0.6674
3	-0.8344	54	-0.6084	104	-0.6564
4	-0.6174	55	-0.8214	105	-0.5164
5	-0.4104	56	-0.8694	110	-0.0814
6	-0.3194	57	-0.8474	111	-0.1294
7	-0.2554	58	-0.7874	112	-0.0654
8	-0.2264	59	-0.6024	113	-0.0954
9	-0.2044	60	-0.2594	114	0.0766
10	-0.1994	61	-0.1594	115	0.0766
11	-0.1994	62	-0.1924	116	0.0746
12	-0.2114	63	-0.2664	117	0.0776
13	-0.2434	64	-0.7174	118	0.0776
14	-0.3964	65	-0.6914	119	0.0776
15	-0.4774	66	-0.7424	120	0.0186
16	-0.7774	67	-0.7704	121	0.0776
17	-0.7554	68	-0.7724	122	0.0776
18	-0.6414	69	-0.7614	123	0.0786
19	-0.4694	70	-0.7304	124	-0.0294
20	-0.3794	71	-0.6574	125	-0.0584
21	-0.3014	72	-0.5834	126	-0.0394
22	-0.2574	73	-0.5364	127	-0.0484
23	-0.2304	74	-0.5944	128	-0.0864
24	-0.2134	75	-0.7314	129	-0.0654
25	-0.2144	76	-0.7454	135	0.0006
26	-0.2274	77	-0.7634	136	-0.0064
27	-0.2734	78	-0.7554	137	-0.0064
28	-0.4204	79	-0.7494	138	0.0886
29	-0.5064	80	-0.7214	139	0.0866
30	-1.0464	81	-0.6644	140	0.0946
32	-0.5184	82	-0.5574	141	0.1086
33	-0.2954	83	-0.6444	142	0.1016
34	-0.2294	84	-0.7644	143	0.1146
35	-0.2134	85	-0.7614	145	-0.0064
36	-0.2114	86	-0.7324	147	0.0976
37	-0.2144	87	-0.6904	151	-0.0514
38	-0.2264	88	-0.6224	152	-0.1854
39	-0.2534	89	-0.5184	153	-0.1974
40	-0.3054	90	-0.7254	154	-0.2134
41	-0.4354	91	-0.6764	155	-0.0204
42	-0.5234	92	-0.6354	156	-0.0184
43	-1.0594	93	-0.6044	157	-0.1094
44	-1.0064	94	-0.5704	158	0.0836
45	-0.8104	95	-0.4824	159	0.0386
46	-0.4124	96	0.0136	160	0.0066
47	-0.1384	97	-0.5404	161	-0.0754
48	-0.1374	98	0.2006	162	0.1376
49	-0.1674	99	0.1346	163	0.0796
50	-0.1964	100	-0.4164	164	0.0886
51	-0.2394	101	-0.5324	165	-0.0864

ORF	CP	ORF	CP	ORF	CP
166	0.2726	217	-0.1054	268	-0.3714
167	0.1576	218	-0.0834	269	-0.0954
168	0.1386	219	-0.0804	270	-0.0294
169	0.0236	220	-0.1154	271	-0.5054
170	0.1606	221	-0.3044	272	-0.4264
171	0.0716	222	-0.3064	273	-0.0434
172	-0.0844	223	0.0096	274	-0.0414
173	-0.0144	224	0.0786	275	0.2286
174	-0.0794	225	0.1356	276	0.0806
175	-0.1914	226	-0.0054	277	-0.0734
176	-0.2304	227	-0.7094	278	-1.3054
177	-0.2114	228	-0.6764	279	-1.1324
178	-0.2974	229	-0.6094	280	-0.9874
179	-0.2094	230	-0.4054	281	-0.7584
180	-0.2084	231	-0.1834	282	-0.4514
181	0.0696	232	-0.1214	283	-0.3094
182	0.1776	233	-0.1004	284	-0.2114
183	0.2736	234	-0.1264	285	-0.2244
184	0.3966	235	-0.2734	286	-0.5214
185	0.4676	236	-0.1804	287	-0.4514
186	0.5336	237	0.0106	288	-0.0484
187	0.6666	238	0.0016	289	-0.0214
188	0.7786	239	0.1866	290	-0.0434
189	0.8676	240	0.0696	291	-0.8204
190	0.3016	241	-0.9364	292	0.0096
191	-0.2164	242	-0.8754	325	0.0866
192	-0.2104	244	-0.5864	326	0.0856
193	-0.2154	245	-0.3434	327	0.0856
194	-0.2284	246	-0.2314	328	0.0876
195	-0.2164	247	-0.1624	329	0.0866
196	-0.2174	248	-0.1594	330	0.0866
197	-0.2004	249	-0.2824	331	0.0876
198	-0.2064	250	-0.2134	332	0.0866
199	-0.2074	251	-0.1034	333	0.0876
200	-0.2144	252	-0.0794	334	0.0876
201	-0.2054	253	0.1316	335	0.0886
202	-0.1934	254	-0.0184	336	0.0866
203	-0.2004	255	-1.3244	337	0.0856
204	-0.1994	256	-1.1914	338	0.0866
205	0.1946	257	-1.0444	339	0.0856
206	0.2546	258	-0.6954	340	0.0876
207	0.2296	259	-0.3804	341	0.0866
208	0.2406	260	-0.2824	350	0.0756
210	0.1386	261	-0.2094	351	0.0796
211	0.1426	262	-0.1894	352	0.0796
212	0.0186	263	-0.4224	353	0.0776
213	-0.5824	264	-0.2944	354	0.0766
214	-0.4324	265	-0.0934	355	0.0766
215	-0.3134	266	-0.0534		
216	-0.1804	267	-0.4594		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 709
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 35.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.895
TUNNEL DYNAMIC PRESSURE(PSF) = 649.
TUNNEL STAGNATION PRESSURE(PSF) = 1946.
TUNNEL STATIC PRESSURE(PSF) = 1156.
REYNOLDS NUMBER PER FOOT = 3.9830E 06
MODEL ANGLE OF ATTACK(DEG) = 7.95
FIN ANGLE(DEG) = 0.37
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.6248
247	0.6238
347	0.6248
447	0.6248
547	0.6168
647	0.6168
747	0.6158

ORF	CP	ORF	CP	ORF	CP
1	-0.5902	52	-0.3132	102	-0.4752
2	-0.9662	53	-0.5512	103	-0.6892
3	-0.9362	54	-0.5452	104	-0.6602
4	-0.9202	55	-1.0232	105	-0.5522
5	-0.7572	56	-1.0642	110	-0.0952
6	-0.5022	57	-1.1172	111	-0.1472
7	-0.3482	58	-1.1192	112	-0.0762
8	-0.2632	59	-1.0862	113	-0.1142
9	-0.2252	60	-0.8902	114	0.0808
10	-0.2062	61	-0.3552	115	0.0798
11	-0.1962	62	-0.1862	116	0.0828
12	-0.2032	63	-0.2272	117	0.0818
13	-0.2292	64	-0.6342	118	0.0828
14	-0.4022	65	-0.5292	119	0.0808
15	-0.4962	66	-0.8872	120	0.0168
16	-0.9532	67	-0.9022	121	0.0808
17	-0.9792	68	-0.9582	122	0.0818
18	-0.9582	69	-0.9992	123	0.0808
19	-0.8162	70	-1.0002	124	-0.0412
20	-0.6632	71	-0.9822	125	-0.0682
21	-0.5482	72	-0.9152	126	-0.0512
22	-0.4302	73	-0.7672	127	-0.0612
23	-0.3252	74	-0.6072	128	-0.1042
24	-0.2362	75	-0.7892	129	-0.0942
25	-0.2092	76	-0.8042	135	-0.0172
26	-0.2072	77	-0.8042	136	-0.0232
27	-0.2412	78	-0.8202	137	-0.0232
28	-0.3932	79	-0.7902	138	0.0828
29	-0.5332	80	-0.7382	139	0.0788
30	-1.2152	81	-0.6572	140	0.0798
32	-0.9652	82	-0.5892	141	0.1058
33	-0.6942	83	-0.5972	142	0.0788
34	-0.4572	84	-0.6912	143	0.1148
35	-0.3182	85	-0.6492	145	-0.0222
36	-0.2812	86	-0.6372	147	0.0778
37	-0.2652	87	-0.6152	151	-0.0782
38	-0.2682	88	-0.5712	152	-0.1732
39	-0.2832	89	-0.5292	153	-0.1952
40	-0.3362	90	-0.5722	154	-0.2112
41	-0.4722	91	-0.5362	155	-0.0262
42	-0.5392	92	-0.5262	156	-0.0732
43	-1.2662	93	-0.5182	157	-0.1512
44	-1.2272	94	-0.5062	158	0.0428
45	-1.1272	95	-0.5012	159	-0.0112
46	-0.9752	96	0.0568	160	-0.0412
47	-0.7552	97	-0.5352	161	-0.0992
48	-0.3202	98	0.2548	162	0.1328
49	-0.1192	99	0.1758	163	0.0718
50	-0.1672	100	-0.3972	164	0.0808
51	-0.2322	101	-0.5362	165	-0.0872

ORF	CP	ORF	CP	ORF	CP
166	0.3188	217	-0.1262	268	-0.3822
167	0.1998	218	-0.1022	269	-0.0832
168	0.1708	219	-0.0942	270	-0.0182
169	0.0548	220	-0.1262	271	-0.5182
170	0.1938	221	-0.3382	272	-0.4592
171	0.1128	222	-0.3452	273	-0.0472
172	-0.0552	223	-0.0272	274	-0.0312
173	-0.0362	224	0.0758	275	0.1648
174	-0.1142	225	0.1248	276	-0.0772
175	-0.2222	226	-0.0112	277	-0.1792
176	-0.2432	227	-0.7582	278	-1.3522
177	-0.2362	228	-0.7312	279	-1.2032
178	-0.2442	229	-0.6722	280	-1.0372
179	-0.1692	230	-0.5162	281	-0.8472
180	-0.2182	231	-0.2752	282	-0.7602
181	-0.0402	232	-0.1702	283	-0.4622
182	0.0728	233	-0.1362	284	-0.2362
183	0.2988	234	-0.1522	285	-0.2202
184	0.4698	235	-0.2892	286	-0.5372
185	0.5608	236	-0.1932	287	-0.4972
186	0.6348	237	0.0128	288	-0.0382
187	0.7528	238	-0.0092	289	0.0128
188	0.8618	239	0.0768	290	-0.0362
189	0.9308	240	-0.0442	291	-0.8162
190	0.3298	241	-0.9172	292	0.0468
191	-0.2162	242	-0.8422	325	0.0908
192	-0.2162	244	-0.5512	326	0.0918
193	-0.2342	245	-0.3692	327	0.0908
194	-0.2412	246	-0.2802	328	0.0938
195	-0.2382	247	-0.2062	329	0.0938
196	-0.2262	248	-0.1862	330	0.0918
197	-0.2142	249	-0.2912	331	0.0918
198	-0.2212	250	-0.2252	332	0.0918
199	-0.2212	251	-0.1222	333	0.0938
200	-0.2232	252	-0.0982	334	0.0938
201	-0.2202	253	0.0788	335	0.0928
202	-0.2002	254	-0.0542	336	0.0918
203	-0.2082	255	-1.3962	337	0.0908
204	-0.2202	256	-1.2792	338	0.0918
205	0.1498	257	-1.1322	339	0.0908
206	0.2208	258	-0.8382	340	0.0938
207	0.1828	259	-0.5302	341	0.0928
208	0.1968	260	-0.3782	350	0.0818
210	0.1008	261	-0.2512	351	0.0838
211	0.1088	262	-0.2012	352	0.0828
212	0.0008	263	-0.4502	353	0.0828
213	-0.6232	264	-0.3002	354	0.0818
214	-0.4342	265	-0.0962	355	0.0808
215	-0.3422	266	-0.0392		
216	-0.1882	267	-0.4802		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 710
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 35.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.893
TUNNEL DYNAMIC PRESSURE(PSF) = 647.
TUNNEL STAGNATION PRESSURE(PSF) = 1944.
TUNNEL STATIC PRESSURE(PSF) = 1158.
REYNOLDS NUMBER PER FOOT = 3.9740E 06
MODEL ANGLE OF ATTACK(DEG) = 11.97
FIN ANGLE(DEG) = 0.62
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.6252
247	0.6232
347	0.6242
447	0.6242
547	0.6142
647	0.6142
747	0.6142

ORF	CP	ORF	CP	ORF	CP
1	-0.8738	52	-0.6498	102	-0.4768
2	-1.1308	53	-0.5758	103	-0.7828
3	-1.0518	54	-0.5328	104	-0.7638
4	-1.0598	55	-1.1568	105	-0.5788
5	-1.0538	56	-1.1168	110	-0.1298
6	-1.0158	57	-1.0838	111	-0.1818
7	-0.9388	58	-1.0488	112	-0.1028
8	-0.6948	59	-1.0028	113	-0.1388
9	-0.3278	60	-0.9288	114	0.0892
10	-0.2528	61	-0.8778	115	0.0872
11	-0.2288	62	-0.8188	116	0.0872
12	-0.2288	63	-0.7518	117	0.0852
13	-0.2438	64	-0.6978	118	0.0892
14	-0.4108	65	-0.6848	119	0.0892
15	-0.4978	66	-0.9668	120	-0.0588
16	-1.2008	67	-0.9458	121	0.0892
17	-1.3038	68	-0.9208	122	0.0872
18	-1.3248	69	-0.8778	123	0.0862
19	-1.2908	70	-0.8198	124	-0.0648
20	-1.2548	71	-0.7848	125	-0.0878
21	-1.1748	72	-0.7438	126	-0.0728
22	-0.9078	73	-0.7098	127	-0.0788
23	-0.6618	74	-0.6768	128	-0.1038
24	-0.4418	75	-0.7248	129	-0.0608
25	-0.2868	76	-0.7088	135	-0.0368
26	-0.2228	77	-0.7028	136	-0.0448
27	-0.2178	78	-0.6898	137	-0.0498
28	-0.3688	79	-0.6818	138	0.0622
29	-0.5248	80	-0.6508	139	0.0622
30	-1.4338	81	-0.6428	140	0.0632
32	-1.3738	82	-0.6368	141	0.1192
33	-1.3058	83	-0.5408	142	0.0812
34	-1.1318	84	-0.6188	143	0.1342
35	-0.8598	85	-0.6158	145	-0.0438
36	-0.6708	86	-0.6088	147	0.0762
37	-0.5938	87	-0.5988	151	-0.1398
38	-0.5588	88	-0.5848	152	-0.1908
39	-0.4848	89	-0.5888	153	-0.2148
40	-0.4398	90	-0.5598	154	-0.2108
41	-0.4828	91	-0.5628	155	-0.0668
42	-0.4938	92	-0.5578	156	-0.1348
43	-1.3348	93	-0.5588	157	-0.1708
44	-1.2898	94	-0.5618	158	0.0522
45	-1.2288	95	-0.5678	159	-0.0578
46	-1.2008	96	0.1782	160	-0.1038
47	-1.1868	97	-0.4258	161	-0.1428
48	-1.1298	98	0.3552	162	0.1692
49	-1.0068	99	0.2512	163	0.0572
50	-0.8878	100	-0.3318	164	0.0612
51	-0.7628	101	-0.5418	165	-0.0848

ORF	CP	ORF	CP	ORF	CP
166	0.3262	217	-0.2038	268	-0.3918
167	0.1402	218	-0.1658	269	-0.0928
168	0.1212	219	-0.1508	270	-0.0238
169	0.0192	220	-0.1558	271	-0.5218
170	0.1282	221	-0.3888	272	-0.4608
171	-0.0108	222	-0.3548	273	-0.0478
172	-0.1348	223	-0.0398	274	-0.0288
173	-0.0738	224	0.1032	275	0.1252
174	-0.1388	225	0.0272	276	-0.3338
175	-0.2208	226	-0.1328	277	-0.3528
176	-0.2438	227	-0.6398	278	-1.4218
177	-0.2698	228	-0.6508	279	-1.3388
178	-0.2508	229	-0.6328	280	-1.2228
179	-0.2078	230	-0.5298	281	-1.1028
180	-0.2148	231	-0.3048	282	-0.9418
181	-0.1248	232	-0.2308	283	-0.9878
182	-0.0068	233	-0.2058	284	-0.3588
183	0.2642	234	-0.1958	285	-0.2508
184	0.4112	235	-0.3048	286	-0.5408
185	0.4632	236	-0.2148	287	-0.4868
186	0.4432	237	-0.0268	288	-0.0358
187	0.4232	238	-0.0418	289	0.0452
188	0.4412	239	-0.0268	290	-0.0318
189	0.4812	240	-0.1208	291	-0.9048
190	0.3982	241	-1.1148	292	0.1012
191	-0.2458	242	-0.9808	325	0.1032
192	-0.2298	244	-0.6248	326	0.1022
193	-0.2408	245	-0.4628	327	0.1012
194	-0.2488	246	-0.3958	328	0.1012
195	-0.2608	247	-0.2788	329	0.1032
196	-0.2388	248	-0.1998	330	0.1022
197	-0.2138	249	-0.3138	331	0.1022
198	-0.2388	250	-0.2258	332	0.1022
199	-0.2508	251	-0.1278	333	0.1022
200	-0.2598	252	-0.0788	334	0.1032
201	-0.2408	253	0.0522	335	0.1012
202	-0.2238	254	-0.0748	336	0.1032
203	-0.2318	255	-1.4268	337	0.1032
204	-0.2488	256	-1.3348	338	0.1022
205	0.0212	257	-1.2428	339	0.1012
206	0.1872	258	-1.0878	340	0.1022
207	0.0562	259	-1.0168	341	0.1022
208	0.0772	260	-0.7748	350	0.0862
210	0.0602	261	-0.3618	351	0.0872
211	0.0562	262	-0.2288	352	0.0892
212	-0.0728	263	-0.4968	353	0.0882
213	-0.7798	264	-0.3018	354	0.0912
214	-0.6088	265	-0.0998	355	0.0892
215	-0.5298	266	-0.0578		
216	-0.3438	267	-0.5338		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 711
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 35.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.902
TUNNEL DYNAMIC PRESSURE(PSF) = 654.
TUNNEL STAGNATION PRESSURE(PSF) = 1946.
TUNNEL STATIC PRESSURE(PSF) = 1148.
REYNOLDS NUMBER PER FOOT = 3.9920E 06
MODEL ANGLE OF ATTACK(DEG) = 14.13
FIN ANGLE(DEG) = 0.37
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.6316
247	0.6306
347	0.6316
447	0.6316
547	0.6376
647	0.6376
747	0.6376

ORF	CP	ORF	CP	ORF	CP
1	-0.9224	52	-0.7524	102	-0.6014
2	-1.0794	53	-0.7194	103	-0.8234
3	-1.0544	54	-0.7074	104	-0.7844
4	-1.0774	55	-1.0244	105	-0.6264
5	-1.0704	56	-1.0014	110	-0.1384
6	-1.0574	57	-0.9754	111	-0.1974
7	-0.9164	58	-0.9604	112	-0.1114
8	-0.5954	59	-0.9254	113	-0.1534
9	-0.3924	60	-0.8934	114	0.1046
10	-0.4064	61	-0.8484	115	0.1016
11	-0.4514	62	-0.8224	116	0.1006
12	-0.4274	63	-0.7904	117	0.1016
13	-0.4024	64	-0.7434	118	0.1006
14	-0.5334	65	-0.7424	119	0.1036
15	-0.6554	66	-0.8514	120	0.0296
16	-1.2404	67	-0.8234	121	0.1016
17	-1.3634	68	-0.8194	122	0.1056
18	-1.4344	69	-0.7984	123	0.1036
19	-1.3494	70	-0.7984	124	-0.0654
20	-1.1604	71	-0.7834	125	-0.0914
21	-1.1504	72	-0.7664	126	-0.0824
22	-1.0014	73	-0.7394	127	-0.0874
23	-0.9054	74	-0.7264	128	-0.1064
24	-0.8094	75	-0.6994	129	-0.0464
25	-0.6804	76	-0.6984	135	-0.0454
26	-0.5874	77	-0.6934	136	-0.0454
27	-0.5274	78	-0.6824	137	-0.0504
28	-0.6054	79	-0.6674	138	0.0686
29	-0.6744	80	-0.6614	139	0.0636
30	-1.2454	81	-0.6594	140	0.0606
32	-1.1164	82	-0.6634	141	0.1386
33	-1.1044	83	-0.5674	142	0.0916
34	-1.0834	84	-0.6634	143	0.1606
35	-1.0324	85	-0.6514	145	-0.0524
36	-0.9784	86	-0.6514	147	0.0856
37	-0.9084	87	-0.6454	151	-0.1554
38	-0.8164	88	-0.6524	152	-0.2224
39	-0.7554	89	-0.6424	153	-0.2254
40	-0.7004	90	-0.6364	154	-0.2134
41	-0.6854	91	-0.6364	155	-0.1024
42	-0.6004	92	-0.6364	156	-0.1494
43	-1.0734	93	-0.6284	157	-0.1724
44	-1.0944	94	-0.6334	158	0.0256
45	-1.0884	95	-0.6474	159	-0.0914
46	-1.0744	96	0.2506	160	-0.1184
47	-1.0354	97	-0.3764	161	-0.1594
48	-0.9944	98	0.4006	162	0.0746
49	-0.9284	99	0.2916	163	-0.0084
50	-0.8664	100	-0.3134	164	0.0666
51	-0.8054	101	-0.6554	165	-0.1254

ORF	CP	ORF	CP	ORF	CP
166	0.2016	217	-0.2264	268	-0.4354
167	0.0476	218	-0.1674	269	-0.0944
168	0.0346	219	-0.1534	270	-0.0464
169	-0.0554	220	-0.1714	271	-0.6224
170	0.0236	221	-0.3884	272	-0.5264
171	-0.0534	222	-0.3334	273	-0.0524
172	-0.1434	223	-0.0544	274	-0.0324
173	-0.0774	224	0.0556	275	0.0856
174	-0.1384	225	0.0086	276	-0.4204
175	-0.2104	226	-0.1524	277	-0.3854
176	-0.2474	227	-0.6214	278	-1.4014
177	-0.2824	228	-0.6214	279	-1.3504
178	-0.2994	229	-0.6104	280	-1.2564
179	-0.2394	230	-0.4984	281	-1.1744
180	-0.2164	231	-0.2834	282	-0.9974
181	-0.1064	232	-0.2234	283	-0.9854
182	-0.0094	233	-0.1894	284	-0.3984
183	0.1866	234	-0.1904	285	-0.3954
184	0.2926	235	-0.3054	286	-0.6284
185	0.3506	236	-0.2124	287	-0.5784
186	0.3446	237	-0.0514	288	-0.0284
187	0.3536	238	-0.0624	289	0.0626
188	0.3776	239	-0.0264	290	-0.0344
189	0.4086	240	-0.1074	291	-0.9324
190	0.4366	241	-1.2164	292	0.1306
191	-0.2534	242	-1.0614	325	0.1066
192	-0.2314	244	-0.6894	326	0.1056
193	-0.2414	245	-0.4904	327	0.1066
194	-0.2554	246	-0.3964	328	0.1046
195	-0.2594	247	-0.2474	329	0.1066
196	-0.2524	248	-0.2044	330	0.1056
197	-0.2234	249	-0.3764	331	0.1056
198	-0.2464	250	-0.2514	332	0.1066
199	-0.2454	251	-0.1134	333	0.1046
200	-0.2594	252	-0.0644	334	0.1076
201	-0.2494	253	0.0696	335	0.1056
202	-0.2014	254	-0.0544	336	0.1056
203	-0.2394	255	-1.3994	337	0.1066
204	-0.2494	256	-1.3184	338	0.1066
205	-0.0544	257	-1.2524	339	0.1066
206	0.1566	258	-1.1394	340	0.1046
207	-0.0214	259	-1.0854	341	0.1056
208	0.0146	260	-0.9374	350	0.1026
210	0.0756	261	-0.3494	351	0.1026
211	0.0366	262	-0.3254	352	0.1016
212	-0.0934	263	-0.7154	353	0.1026
213	-0.7254	264	-0.3444	354	0.1036
214	-0.6254	265	-0.1054	355	0.1036
215	-0.5414	266	-0.0584		
216	-0.3834	267	-0.7084		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 712
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 35.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.902
TUNNEL DYNAMIC PRESSURE(PSF) = 654.
TUNNEL STAGNATION PRESSURE(PSF) = 1945.
TUNNEL STATIC PRESSURE(PSF) = 1147.
REYNOLDS NUMBER PER FOOT = 3.9920E 06
MODEL ANGLE OF ATTACK(DEG) = 0.13
FIN ANGLE(DEG) = 0.27
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 541.

SCANIVALUE	CP(REF)
147	0.6332
247	0.6342
347	0.6332
447	0.6342
547	0.6312
647	0.6302
747	0.6302

ORF	CP	ORF	CP	ORF	CP
1	0.0342	52	-0.2038	102	-0.4538
2	-0.3598	53	-0.4788	103	-0.6348
3	-0.3898	54	-0.5808	104	-0.6438
4	-0.2838	55	0.0522	105	-0.4768
5	-0.1718	56	0.0252	110	-0.0558
6	-0.0998	57	0.0042	111	-0.0858
7	-0.0698	58	-0.0178	112	-0.0418
8	-0.0538	59	-0.0418	113	-0.0578
9	-0.0538	60	-0.0668	114	0.0592
10	-0.0598	61	-0.1068	115	0.0582
11	-0.0718	62	-0.1568	116	0.0612
12	-0.0928	63	-0.2368	117	0.0602
13	-0.1338	64	-0.6768	118	0.0582
14	-0.3048	65	-0.6538	119	0.0562
15	-0.3998	66	0.0382	120	-0.0688
16	-0.1788	67	0.0122	121	0.0592
17	-0.1768	68	-0.0198	122	0.0602
18	-0.1398	69	-0.0468	123	0.0592
19	-0.0908	70	-0.0838	124	-0.0108
20	-0.0668	71	-0.1228	125	-0.0418
21	-0.0478	72	-0.1808	126	-0.0158
22	-0.0428	73	-0.2808	127	-0.0278
23	-0.0448	74	-0.6778	128	-0.1018
24	-0.0528	75	0.0222	129	-0.0678
25	-0.0738	76	-0.0178	135	0.0152
26	-0.1018	77	-0.0598	136	0.0082
27	-0.1558	78	-0.1028	137	0.0142
28	-0.3208	79	-0.1478	138	0.1002
29	-0.4338	80	-0.2148	139	0.1022
30	-0.0678	81	-0.3618	140	0.0972
32	-0.0398	82	-0.6888	141	0.1112
33	-0.0358	83	0.0042	142	0.1122
34	-0.0328	84	-0.0598	143	0.1112
35	-0.0348	85	-0.1108	145	0.0052
36	-0.0348	86	-0.1618	147	0.1112
37	-0.0528	87	-0.2158	151	-0.0348
38	-0.0728	88	-0.3228	152	-0.2108
39	-0.1058	89	-0.6978	153	-0.2118
40	-0.1648	90	-0.0998	154	-0.2678
41	-0.3068	91	-0.1338	155	0.0302
42	-0.4678	92	-0.1738	156	0.1002
43	0.0262	93	-0.2238	157	-0.0718
44	0.0162	94	-0.3048	158	0.3182
45	0.0032	95	-0.6898	159	0.2392
46	-0.0098	96	-0.3738	160	0.1772
47	-0.0198	97	-0.6158	161	0.0512
48	-0.0378	98	0.0052	162	0.2962
49	-0.0598	99	-0.0478	163	0.2572
50	-0.0868	100	-0.3398	164	0.1012
51	-0.1348	101	-0.5028	165	-0.0088

ORF	CP	ORF	CP	ORF	CP
166	0.3582	217	-0.1508	268	-0.3448
167	0.2552	218	-0.0708	269	-0.0418
168	0.1982	219	-0.0558	270	0.0602
169	0.0542	220	-0.0828	271	-0.4778
170	0.1822	221	-0.2418	272	-0.4708
171	0.1382	222	-0.2948	273	-0.0208
172	-0.0648	223	0.0332	274	-0.0038
173	-0.0088	224	0.1652	275	0.3332
174	-0.0948	225	0.2412	276	0.2912
175	-0.2548	226	0.0682	277	0.1202
176	-0.2668	227	-0.6278	278	-0.7248
177	-0.2248	228	-0.6148	279	-0.6948
178	-0.3998	229	-0.5628	280	-0.6348
179	-0.3998	230	-0.4108	281	-0.4758
180	-0.2198	231	-0.1538	282	-0.2178
181	0.3082	232	-0.0738	283	-0.0888
182	0.4202	233	-0.0638	284	-0.0438
183	0.4162	234	-0.0808	285	-0.1018
184	0.6002	235	-0.2228	286	-0.4798
185	0.6542	236	-0.1508	287	-0.4788
186	0.7032	237	0.0772	288	-0.0098
187	0.7682	238	0.0412	289	0.0072
188	0.8192	239	0.2072	290	0.0492
189	0.8432	240	0.0832	291	-0.5708
190	0.2532	241	-0.5558	292	-0.0708
191	-0.1948	242	-0.5468	325	0.0642
192	-0.2238	244	-0.3218	326	0.0642
193	-0.2248	245	-0.1338	327	0.0612
194	-0.1998	246	-0.1008	328	0.0622
195	-0.1978	247	-0.0788	329	0.0622
196	-0.2318	248	-0.0878	330	0.0642
197	-0.2028	249	-0.2088	331	0.0662
198	-0.2038	250	-0.1628	332	0.0632
199	-0.2048	251	-0.0768	333	0.0642
200	-0.1988	252	-0.0418	334	0.0642
201	-0.1918	253	0.2262	335	0.0642
202	-0.1928	254	0.0702	336	0.0632
203	-0.1928	255	-0.6348	337	0.0642
204	-0.1948	256	-0.6218	338	0.0642
205	0.2202	257	-0.5978	339	0.0612
206	0.2462	258	-0.4888	340	0.0632
207	0.2462	259	-0.2048	341	0.0632
208	0.2412	260	-0.0848	350	0.0572
210	0.3172	261	-0.0578	351	0.0582
211	0.2872	262	-0.0778	352	0.0572
212	0.1212	263	-0.3368	353	0.0572
213	-0.7678	264	-0.2538	354	0.0572
214	-0.6518	265	-0.0428	355	0.0572
215	-0.5908	266	0.0382		
216	-0.3958	267	-0.3688		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 713
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 33.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.797
TUNNEL DYNAMIC PRESSURE(PSF) = 599.
TUNNEL STAGNATION PRESSURE(PSF) = 2050.
TUNNEL STATIC PRESSURE(PSF) = 1349.
REYNOLDS NUMBER PER FOOT = 3.9910E 06
MODEL ANGLE OF ATTACK(DEG) = -14.18
FIN ANGLE(DEG) = 0.53
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 540.

SCANIVALUE	CP(REF)
147	0.3519
247	0.3519
347	0.3529
447	0.3529
547	0.3449
647	0.3439
747	0.3449

ORF	CP	ORF	CP	ORF	CP
1	0.4539	52	-0.0561	102	-0.5401
2	0.1819	53	-0.3651	103	-0.8391
3	0.2339	54	-0.3561	104	-0.8011
4	0.2819	55	0.4919	105	-0.5951
5	0.2819	56	0.4199	110	-0.1261
6	0.2739	57	0.3609	111	-0.1421
7	0.2669	58	0.3039	112	-0.1151
8	0.2449	59	0.2479	113	-0.1471
9	0.2219	60	0.1829	114	0.0599
10	0.2009	61	0.1099	115	0.0599
11	0.1679	62	0.0209	116	0.0599
12	0.1249	63	-0.1121	117	0.0599
13	0.0559	64	-0.4071	118	0.0629
14	-0.2001	65	-0.4291	119	0.0609
15	-0.3221	66	0.4499	120	0.0329
16	0.4439	67	0.3799	121	0.0609
17	0.4059	68	0.3099	122	0.0609
18	0.3719	69	0.2419	123	0.0579
19	0.3489	70	0.1709	124	-0.1171
20	0.3169	71	0.0919	125	-0.1441
21	0.2959	72	-0.0141	126	-0.1261
22	0.2679	73	-0.1831	127	-0.1431
23	0.2349	74	-0.4341	128	-0.1881
24	0.1999	75	0.4109	129	-0.1141
25	0.1629	76	0.3269	135	-0.0831
26	0.1099	77	0.2369	136	-0.0951
27	0.0159	78	0.1549	137	-0.0851
28	-0.2061	79	0.0489	138	0.0359
29	-0.3571	80	-0.0721	139	0.0319
30	0.4909	81	-0.2891	140	0.0399
32	0.3959	82	-0.4291	141	0.1239
33	0.3609	83	0.3369	142	0.0409
34	0.3249	84	0.2539	143	0.0819
35	0.2869	85	0.1429	145	-0.1001
36	0.2499	86	0.0289	147	0.0349
37	0.2109	87	-0.0911	151	0.0619
38	0.1559	88	-0.2681	152	-0.1651
39	0.0999	89	-0.4401	153	-0.1801
40	-0.0001	90	0.2279	154	-0.2901
41	-0.1951	91	0.0399	155	0.1049
42	-0.3661	92	-0.0751	156	0.2109
43	0.5029	93	-0.1721	157	-0.0181
44	0.4399	94	-0.2971	158	0.5919
45	0.3879	95	-0.4461	159	0.3149
46	0.3449	96	-1.3731	160	0.2639
47	0.2959	97	-0.6981	161	0.0929
48	0.2469	98	-0.9131	162	0.4589
49	0.1949	99	-0.6831	163	0.3189
50	0.1349	100	-0.5961	164	0.0289
51	0.0539	101	-0.6011	165	-0.0101

ORF	CP	ORF	CP	ORF	CP
166	0.3149	217	-0.6691	268	-0.3071
167	0.2359	218	-0.4641	269	0.0129
168	0.1629	219	-0.2261	270	0.1609
169	-0.0091	220	-0.1391	271	-0.5511
170	0.2539	221	-0.2511	272	-0.4781
171	0.0379	222	-0.0531	273	-0.0071
172	-0.1301	223	0.1819	274	-0.0291
173	0.0789	224	0.2009	275	0.0499
174	-0.0571	225	0.0949	276	0.6669
175	-0.2571	226	-0.0851	277	0.4609
176	-0.3251	227	-0.9931	278	-0.4641
177	-0.1981	228	-0.9881	279	-0.3491
178	-0.3711	229	-0.9681	280	-0.1161
179	-0.2641	230	-0.8981	281	0.2199
180	-0.2621	231	-0.6791	282	0.2819
181	0.4799	232	-0.4631	283	0.2539
182	0.6419	233	-0.2271	284	0.2109
183	0.2639	234	-0.1391	285	0.0799
184	0.3479	235	-0.1501	286	-0.5911
185	0.4489	236	-0.0031	287	-0.4631
186	0.6129	237	0.1299	288	-0.0711
187	0.8049	238	0.1369	289	-0.0891
188	1.0089	239	0.1569	290	0.1519
189	1.1119	240	0.0219	291	-0.5831
190	0.0559	241	-0.8231	292	-0.3721
191	-0.1861	242	-0.8211	325	0.0679
192	-0.2561	244	-0.6401	326	0.0709
193	-0.2571	245	-0.3701	327	0.0699
194	-0.2401	246	-0.1881	328	0.0679
195	-0.2441	247	-0.0611	329	0.0669
196	-0.2641	248	-0.0341	330	0.0709
197	-0.2571	249	-0.1271	331	0.0689
198	-0.2591	250	-0.0751	332	0.0699
199	-0.2521	251	-0.0091	333	0.0679
200	-0.2331	252	0.0179	334	0.0689
201	-0.2391	253	0.4679	335	0.0719
202	-0.2561	254	0.2049	336	0.0709
203	-0.2401	255	-0.5401	337	0.0679
204	-0.2501	256	-0.5121	338	0.0709
205	-0.0811	257	-0.4911	339	0.0689
206	-0.1131	258	-0.2851	340	0.0679
207	-0.0821	259	-0.0301	341	0.0679
208	-0.0401	260	0.0449	350	0.0599
210	0.4429	261	0.0739	351	0.0599
211	-0.0561	262	0.0499	352	0.0589
212	-0.1391	263	-0.2761	353	0.0579
213	-1.2741	264	-0.2101	354	0.0599
214	-1.0871	265	0.0229	355	0.0609
215	-1.0551	266	0.1539		
216	-0.9001	267	-0.3241		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 714
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 33.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.800
TUNNEL DYNAMIC PRESSURE(PSF) = 603.
TUNNEL STAGNATION PRESSURE(PSF) = 2049.
TUNNEL STATIC PRESSURE(PSF) = 1344.
REYNOLDS NUMBER PER FOOT = 3.9990E 06
MODEL ANGLE OF ATTACK(DEG) = -12.07
FIN ANGLE(DEG) = 0.33
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 540.

SCANIVALUE	CP(REF)
147	0.3601
247	0.3601
347	0.3601
447	0.3611
547	0.3641
647	0.3641
747	0.3641

ORF	CP	ORF	CP	ORF	CP
1	0.3841	52	-0.0719	102	-0.4639
2	0.1421	53	-0.3809	103	-0.7789
3	0.1841	54	-0.3519	104	-0.7629
4	0.2151	55	0.4621	105	-0.5359
5	0.2251	56	0.3871	110	-0.0999
6	0.2221	57	0.3321	111	-0.1099
7	0.2161	58	0.2741	112	-0.0899
8	0.1991	59	0.2191	113	-0.1129
9	0.1851	60	0.1591	114	0.0781
10	0.1611	61	0.0891	115	0.0801
11	0.1291	62	0.0031	116	0.0801
12	0.0911	63	-0.1269	117	0.0771
13	0.0311	64	-0.4199	118	0.0801
14	-0.2159	65	-0.4309	119	0.0801
15	-0.3169	66	0.4311	120	0.0601
16	0.3891	67	0.3581	121	0.0771
17	0.3461	68	0.2861	122	0.0801
18	0.3151	69	0.2221	123	0.0811
19	0.2931	70	0.1501	124	-0.0769
20	0.2721	71	0.0721	125	-0.1199
21	0.2511	72	-0.0289	126	-0.0959
22	0.2321	73	-0.1969	127	-0.1049
23	0.1991	74	-0.4349	128	-0.1709
24	0.1681	75	0.4011	129	-0.1039
25	0.1311	76	0.3071	135	-0.0489
26	0.0841	77	0.2171	136	-0.0599
27	-0.0019	78	0.1301	137	-0.0449
28	-0.2179	79	0.0351	138	0.0641
29	-0.3449	80	-0.0869	139	0.0611
30	0.4491	81	-0.2979	140	0.0691
32	0.3481	82	-0.4019	141	0.1271
33	0.3201	83	0.3191	142	0.0721
34	0.2811	84	0.2391	143	0.1021
35	0.2461	85	0.1291	145	-0.0589
36	0.2151	86	0.0181	147	0.0661
37	0.1761	87	-0.1019	151	0.0531
38	0.1341	88	-0.2689	152	-0.1479
39	0.0771	89	-0.4149	153	-0.1819
40	-0.0179	90	0.2111	154	-0.2839
41	-0.2099	91	0.0231	155	0.1721
42	-0.3569	92	-0.0789	156	0.2031
43	0.4641	93	-0.1659	157	-0.0169
44	0.4061	94	-0.2799	158	0.5881
45	0.3501	95	-0.4009	159	0.3251
46	0.3071	96	-1.3049	160	0.2761
47	0.2601	97	-0.7369	161	0.1081
48	0.2171	98	-0.9729	162	0.4621
49	0.1631	99	-0.6809	163	0.3421
50	0.1081	100	-0.5269	164	0.0561
51	0.0341	101	-0.5249	165	0.0191

ORF	CP	ORF	CP	ORF	CP
166	0.3271	217	-0.6229	268	-0.2749
167	0.2611	218	-0.4089	269	0.0381
168	0.1841	219	-0.1999	270	0.1721
169	0.0121	220	-0.1269	271	-0.4769
170	0.2831	221	-0.2169	272	-0.4359
171	0.0611	222	-0.0719	273	0.0221
172	-0.1029	223	0.2011	274	-0.0059
173	0.0921	224	0.2181	275	0.1191
174	-0.0199	225	0.1541	276	0.5901
175	-0.2379	226	-0.0349	277	0.4141
176	-0.3059	227	-0.9289	278	-0.4279
177	-0.1829	228	-0.9309	279	-0.2779
178	-0.3499	229	-0.9069	280	-0.0729
179	-0.2259	230	-0.8409	281	0.1721
180	-0.2499	231	-0.6249	282	0.2301
181	0.4461	232	-0.4149	283	0.2171
182	0.6131	233	-0.1879	284	0.1841
183	0.2721	234	-0.1179	285	0.0651
184	0.3841	235	-0.1399	286	-0.5129
185	0.5021	236	0.0081	287	-0.4289
186	0.6581	237	0.1461	288	-0.0409
187	0.8701	238	0.1631	289	-0.0539
188	1.0551	239	0.2261	290	0.1681
189	1.1381	240	0.0851	291	-0.5509
190	0.1091	241	-0.8259	292	-0.2869
191	-0.1829	242	-0.8259	325	0.0801
192	-0.2389	244	-0.6189	326	0.0771
193	-0.2419	245	-0.3369	327	0.0781
194	-0.2289	246	-0.1709	328	0.0801
195	-0.2309	247	-0.0409	329	0.0781
196	-0.2569	248	-0.0209	330	0.0781
197	-0.2389	249	-0.1169	331	0.0781
198	-0.2429	250	-0.0629	332	0.0781
199	-0.2349	251	0.0131	333	0.0801
200	-0.2209	252	0.0361	334	0.0791
201	-0.2299	253	0.4711	335	0.0791
202	-0.2339	254	0.2341	336	0.0791
203	-0.2349	255	-0.5409	337	0.0791
204	-0.2269	256	-0.5349	338	0.0781
205	-0.0139	257	-0.5119	339	0.0781
206	-0.0709	258	-0.3609	340	0.0791
207	-0.0269	259	-0.0609	341	0.0791
208	0.0181	260	0.0381	350	0.0801
210	0.4591	261	0.0781	351	0.0841
211	0.0651	262	0.0541	352	0.0831
212	-0.0509	263	-0.2549	353	0.0801
213	-1.1939	264	-0.1669	354	0.0821
214	-1.0109	265	0.0481	355	0.0801
215	-0.9789	266	0.1631		
216	-0.8559	267	-0.2969		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 715
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 33.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.798
TUNNEL DYNAMIC PRESSURE(PSF) = 600.
TUNNEL STAGNATION PRESSURE(PSF) = 2048.
TUNNEL STATIC PRESSURE(PSF) = 1346.
REYNOLDS NUMBER PER FOOT = 3.9910E 06
MODEL ANGLE OF ATTACK(DEG) = -8.09
FIN ANGLE(DEG) = 0.20
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 540.

SCANIVALUE	CP(REF)
147	0.3557
247	0.3547
347	0.3557
447	0.3567
547	0.3597
647	0.3597
747	0.3607

ORF	CP	ORF	CP	ORF	CP
1	0.2407	52	-0.1393	102	-0.4373
2	0.0467	53	-0.4453	103	-0.7093
3	0.0547	54	-0.3773	104	-0.6503
4	0.0797	55	0.3677	105	-0.4953
5	0.0927	56	0.2837	110	-0.0903
6	0.0917	57	0.2337	111	-0.1073
7	0.0987	58	0.1757	112	-0.0713
8	0.0917	59	0.1367	113	-0.0853
9	0.0797	60	0.0857	114	0.0697
10	0.0607	61	0.0187	115	0.0727
11	0.0377	62	-0.0603	116	0.0717
12	0.0057	63	-0.1833	117	0.0747
13	-0.0543	64	-0.4883	118	0.0707
14	-0.2713	65	-0.4643	119	0.0717
15	-0.3433	66	0.3467	120	-0.0693
16	0.2567	67	0.2597	121	0.0707
17	0.2067	68	0.1927	122	0.0707
18	0.1877	69	0.1317	123	0.0697
19	0.1667	70	0.0737	124	-0.0543
20	0.1517	71	0.0107	125	-0.0983
21	0.1397	72	-0.0853	126	-0.0723
22	0.1267	73	-0.2533	127	-0.0823
23	0.1017	74	-0.4603	128	-0.1353
24	0.0797	75	0.3197	129	-0.1013
25	0.0437	76	0.2207	135	-0.0233
26	0.0037	77	0.1337	136	-0.0323
27	-0.0753	78	0.0477	137	-0.0203
28	-0.2713	79	-0.0333	138	0.0737
29	-0.3683	80	-0.1333	139	0.0717
30	0.3307	81	-0.3423	140	0.0787
32	0.2367	82	-0.4243	141	0.1097
33	0.2057	83	0.2527	142	0.0907
34	0.1807	84	0.1597	143	0.1027
35	0.1567	85	0.0477	145	-0.0323
36	0.1257	86	-0.0563	147	0.0847
37	0.0927	87	-0.1543	151	0.0387
38	0.0557	88	-0.3053	152	-0.1463
39	0.0077	89	-0.3963	153	-0.2023
40	-0.0823	90	0.1447	154	-0.2853
41	-0.2623	91	-0.0263	155	0.2117
42	-0.3793	92	-0.1213	156	0.1717
43	0.3617	93	-0.1993	157	-0.0363
44	0.2917	94	-0.2743	158	0.5147
45	0.2407	95	-0.3423	159	0.3107
46	0.2067	96	-0.9723	160	0.2697
47	0.1717	97	-0.6113	161	0.1057
48	0.1297	98	-1.0733	162	0.4327
49	0.0867	99	-0.8653	163	0.3417
50	0.0367	100	-0.4523	164	0.0697
51	-0.0333	101	-0.5023	165	0.0247

ORF	CP
166	0.3037
167	0.2967
168	0.2317
169	0.0407
170	0.3117
171	0.0987
172	-0.0853
173	0.0957
174	-0.0143
175	-0.2313
176	-0.2863
177	-0.1933
178	-0.3493
179	-0.2113
180	-0.2353
181	0.3897
182	0.5417
183	0.2977
184	0.4297
185	0.5597
186	0.7547
187	0.9787
188	1.1227
189	1.1587
190	0.0927
191	-0.1863
192	-0.2233
193	-0.2263
194	-0.2173
195	-0.2173
196	-0.2353
197	-0.2203
198	-0.2223
199	-0.2273
200	-0.2133
201	-0.2083
202	-0.2133
203	-0.2143
204	-0.2133
205	0.0647
206	0.0587
207	0.0657
208	0.1057
210	0.4337
211	0.1677
212	0.0037
213	-1.0553
214	-0.9483
215	-0.9053
216	-0.7873

ORF	CP
217	-0.5283
218	-0.3323
219	-0.1583
220	-0.1203
221	-0.2033
222	-0.2003
223	0.1727
224	0.2097
225	0.2007
226	0.0057
227	-0.8283
228	-0.8333
229	-0.8193
230	-0.7763
231	-0.5353
232	-0.3093
233	-0.1393
234	-0.1063
235	-0.1703
236	-0.0283
237	0.1377
238	0.1497
239	0.2407
240	0.1017
241	-0.8533
242	-0.8183
244	-0.5403
245	-0.2573
246	-0.1293
247	-0.0603
248	-0.0423
249	-0.1463
250	-0.0843
251	-0.0023
252	0.0177
253	0.3517
254	0.1497
255	-0.6073
256	-0.5963
257	-0.5493
258	-0.3623
259	-0.0623
260	0.0037
261	0.0167
262	-0.0133
263	-0.2783
264	-0.1763
265	0.0137
266	0.1067
267	-0.3263

ORF	CP
268	-0.2613
269	0.0037
270	0.1077
271	-0.4563
272	-0.3803
273	-0.0043
274	-0.0233
275	0.1627
276	0.3717
277	0.2657
278	-0.4043
279	-0.2313
280	-0.0713
281	0.0427
282	0.0947
283	0.0967
284	0.0817
285	-0.0163
286	-0.4843
287	-0.3893
288	-0.0333
289	-0.0503
290	0.1147
291	-0.5833
292	-0.2483
325	0.0707
326	0.0687
327	0.0677
328	0.0667
329	0.0677
330	0.0687
331	0.0687
332	0.0667
333	0.0677
334	0.0687
335	0.0697
336	0.0697
337	0.0707
338	0.0687
339	0.0677
340	0.0667
341	0.0677
350	0.0727
351	0.0697
352	0.0707
353	0.0737
354	0.0727
355	0.0727

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 716
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 33.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.799
TUNNEL DYNAMIC PRESSURE(PSF) = 601.
TUNNEL STAGNATION PRESSURE(PSF) = 2048.
TUNNEL STATIC PRESSURE(PSF) = 1345.
REYNOLDS NUMBER PER FOOT = 3.9930E 06
MODEL ANGLE OF ATTACK(DEG) = -6.06
FIN ANGLE(DEG) = 0.12
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 540.

SCANIVALUE	CP(REF)
147	0.3581
247	0.3571
347	0.3581
447	0.3581
547	0.3681
647	0.3681
747	0.3681

ORF	CP	ORF	CP	ORF	CP
1	0.1371	52	-0.1639	102	-0.4329
2	-0.0249	53	-0.4719	103	-0.6369
3	-0.0059	54	-0.3929	104	-0.6059
4	0.0231	55	0.3061	105	-0.4709
5	0.0331	56	0.2261	110	-0.0849
6	0.0361	57	0.1881	111	-0.0949
7	0.0381	58	0.1431	112	-0.0579
8	0.0391	59	0.0961	113	-0.0659
9	0.0291	60	0.0411	114	0.0771
10	0.0151	61	-0.0239	115	0.0751
11	-0.0059	62	-0.0989	116	0.0741
12	-0.0379	63	-0.2139	117	0.0761
13	-0.0949	64	-0.5199	118	0.0761
14	-0.2879	65	-0.4729	119	0.0761
15	-0.3569	66	0.2881	120	0.0721
16	0.1721	67	0.2071	121	0.0781
17	0.1321	68	0.1461	122	0.0771
18	0.1091	69	0.0831	123	0.0771
19	0.1051	70	0.0361	124	-0.0349
20	0.0891	71	-0.0279	125	-0.0749
21	0.0821	72	-0.1159	126	-0.0499
22	0.0651	73	-0.2809	127	-0.0589
23	0.0431	74	-0.4579	128	-0.1169
24	0.0281	75	0.2701	129	-0.0829
25	-0.0019	76	0.1661	135	0.0011
26	-0.0419	77	0.0861	136	-0.0099
27	-0.1129	78	0.0161	137	-0.0009
28	-0.2979	79	-0.0669	138	0.0921
29	-0.3839	80	-0.1599	139	0.0881
30	0.2611	81	-0.3709	140	0.0901
32	0.1701	82	-0.4119	141	0.1131
33	0.1491	83	0.2051	142	0.1011
34	0.1251	84	0.1101	143	0.1041
35	0.1031	85	0.0071	145	-0.0109
36	0.0801	86	-0.0829	147	0.1011
37	0.0501	87	-0.1869	151	0.0241
38	0.0081	88	-0.3289	152	-0.1419
39	-0.0379	89	-0.3839	153	-0.1969
40	-0.1079	90	0.0931	154	-0.2629
41	-0.2819	91	-0.0729	155	0.1941
42	-0.3909	92	-0.1529	156	0.1471
43	0.3001	93	-0.2169	157	-0.0359
44	0.2341	94	-0.3009	158	0.4751
45	0.1921	95	-0.3349	159	0.2941
46	0.1651	96	-0.6949	160	0.2481
47	0.1221	97	-0.6069	161	0.0971
48	0.0831	98	-0.8119	162	0.3901
49	0.0441	99	-0.7889	163	0.3261
50	-0.0019	100	-0.4959	164	0.0861
51	-0.0659	101	-0.4929	165	0.0231

ORF	CP	ORF	CP	ORF	CP
166	0.2821	217	-0.4019	268	-0.2359
167	0.2851	218	-0.2359	269	0.0011
168	0.2341	219	-0.1219	270	0.0741
169	0.0541	220	-0.1119	271	-0.4339
170	0.2831	221	-0.1959	272	-0.3469
171	0.1011	222	-0.2209	273	-0.0099
172	-0.0799	223	0.1701	274	-0.0359
173	0.0801	224	0.2011	275	0.2261
174	-0.0169	225	0.2371	276	0.2881
175	-0.2319	226	0.0301	277	0.1721
176	-0.2749	227	-0.7729	278	-0.3819
177	-0.1889	228	-0.7759	279	-0.2809
178	-0.3419	229	-0.7659	280	-0.1399
179	-0.2149	230	-0.7029	281	-0.0019
180	-0.2259	231	-0.4219	282	0.0491
181	0.3411	232	-0.2119	283	0.0541
182	0.4841	233	-0.1049	284	0.0481
183	0.3011	234	-0.0909	285	-0.0469
184	0.4241	235	-0.1729	286	-0.4549
185	0.5641	236	-0.0289	287	-0.3559
186	0.7261	237	0.1451	288	-0.0299
187	0.9301	238	0.1481	289	-0.0409
188	1.0771	239	0.2721	290	0.0931
189	1.1411	240	0.1231	291	-0.4789
190	0.1011	241	-0.8199	292	-0.2109
191	-0.1819	242	-0.7759	325	0.0661
192	-0.2139	244	-0.4569	326	0.0671
193	-0.2189	245	-0.2119	327	0.0641
194	-0.2019	246	-0.1179	328	0.0631
195	-0.1999	247	-0.0609	329	0.0651
196	-0.2209	248	-0.0509	330	0.0641
197	-0.2109	249	-0.1509	331	0.0671
198	-0.2119	250	-0.0799	332	0.0631
199	-0.2109	251	-0.0019	333	0.0631
200	-0.1959	252	0.0141	334	0.0651
201	-0.1859	253	0.3071	335	0.0651
202	-0.2039	254	0.1281	336	0.0631
203	-0.1989	255	-0.6209	337	0.0661
204	-0.1949	256	-0.5929	338	0.0671
205	0.1151	257	-0.5419	339	0.0641
206	0.1221	258	-0.3139	340	0.0631
207	0.1271	259	-0.0569	341	0.0661
208	0.1441	260	-0.0019	350	0.0771
210	0.4171	261	0.0051	351	0.0751
211	0.2011	262	-0.0289	352	0.0751
212	0.0251	263	-0.2739	353	0.0781
213	-0.9859	264	-0.1679	354	0.0761
214	-0.8889	265	0.0111	355	0.0791
215	-0.8539	266	0.0771		
216	-0.6999	267	-0.3189		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 717
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 33.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.798
TUNNEL DYNAMIC PRESSURE(PSF) = 601.
TUNNEL STAGNATION PRESSURE(PSF) = 2049.
TUNNEL STATIC PRESSURE(PSF) = 1346.
REYNOLDS NUMBER PER FOOT = 3.9930E 06
MODEL ANGLE OF ATTACK(DEG) = -3.98
FIN ANGLE(DEG) = 0.26
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 540.

SCANIVALUE	CP(REF)
147	0.3594
247	0.3574
347	0.3574
447	0.3584
547	0.3624
647	0.3624
747	0.3614

ORF	CP	ORF	CP	ORF	CP
1	0.0684	52	-0.1946	102	-0.4196
2	-0.1276	53	-0.4966	103	-0.6236
3	-0.0926	54	-0.3976	104	-0.5976
4	-0.0306	55	0.2394	105	-0.4706
5	-0.0146	56	0.1774	110	-0.0846
6	-0.0036	57	0.1364	111	-0.0936
7	0.0004	58	0.0904	112	-0.0616
8	-0.0086	59	0.0504	113	-0.0736
9	-0.0116	60	0.0024	114	0.0654
10	-0.0246	61	-0.0546	115	0.0654
11	-0.0426	62	-0.1256	116	0.0654
12	-0.0716	63	-0.2406	117	0.0644
13	-0.1186	64	-0.5536	118	0.0654
14	-0.3006	65	-0.4796	119	0.0654
15	-0.3566	66	0.2244	120	0.0634
16	0.0744	67	0.1464	121	0.0684
17	0.0504	68	0.0904	122	0.0644
18	0.0454	69	0.0394	123	0.0654
19	0.0384	70	-0.0156	124	-0.0296
20	0.0324	71	-0.0696	125	-0.0656
21	0.0254	72	-0.1536	126	-0.0396
22	0.0184	73	-0.3036	127	-0.0526
23	0.0054	74	-0.4646	128	-0.1226
24	-0.0186	75	0.1994	129	-0.0826
25	-0.0396	76	0.1134	135	0.0014
26	-0.0756	77	0.0474	136	-0.0096
27	-0.1416	78	-0.0176	137	0.0004
28	-0.3116	79	-0.0956	138	0.0894
29	-0.3846	80	-0.1996	139	0.0874
30	0.1684	81	-0.4036	140	0.0874
32	0.1044	82	-0.4346	141	0.1054
33	0.0804	83	0.1474	142	0.0964
34	0.0674	84	0.0564	143	0.0994
35	0.0414	85	-0.0316	145	-0.0156
36	0.0244	86	-0.1196	147	0.0974
37	0.0014	87	-0.2006	151	-0.0006
38	-0.0296	88	-0.3426	152	-0.1446
39	-0.0766	89	-0.3916	153	-0.2106
40	-0.1476	90	0.0374	154	-0.2506
41	-0.3066	91	-0.1056	155	0.1614
42	-0.3906	92	-0.1806	156	0.1114
43	0.2244	93	-0.2436	157	-0.0566
44	0.1694	94	-0.3356	158	0.4174
45	0.1324	95	-0.3726	159	0.2664
46	0.1044	96	-0.5336	160	0.2174
47	0.0724	97	-0.6046	161	0.0744
48	0.0394	98	-0.3116	162	0.3334
49	0.0054	99	-0.4786	163	0.2804
50	-0.0446	100	-0.3826	164	0.0854
51	-0.1036	101	-0.4876	165	0.0084

ORF	CP	ORF	CP	ORF	CP
166	0.2714	217	-0.3066	268	-0.2346
167	0.2634	218	-0.1796	269	-0.0156
168	0.2084	219	-0.1066	270	0.0564
169	0.0464	220	-0.1116	271	-0.4456
170	0.3094	221	-0.1916	272	-0.3316
171	0.1194	222	-0.2426	273	-0.0156
172	-0.0656	223	0.1374	274	-0.0426
173	0.0954	224	0.1894	275	0.2634
174	-0.0136	225	0.2694	276	0.2354
175	-0.1916	226	0.0694	277	0.1104
176	-0.2636	227	-0.7796	278	-0.5206
177	-0.2056	228	-0.7746	279	-0.4496
178	-0.3466	229	-0.7496	280	-0.3046
179	-0.2136	230	-0.6586	281	-0.0936
180	-0.2166	231	-0.3426	282	-0.0126
181	0.3004	232	-0.1566	283	-0.0036
182	0.4394	233	-0.0946	284	-0.0116
183	0.3954	234	-0.0906	285	-0.0906
184	0.5524	235	-0.1916	286	-0.4616
185	0.6304	236	-0.0716	287	-0.3686
186	0.7584	237	0.1474	288	-0.0366
187	0.9184	238	0.1374	289	-0.0406
188	1.0434	239	0.2524	290	0.0454
189	1.0894	240	0.1074	291	-0.4156
190	0.1474	241	-0.7916	292	-0.1746
191	-0.1716	242	-0.7546	325	0.0654
192	-0.2036	244	-0.4406	326	0.0644
193	-0.2056	245	-0.1916	327	0.0624
194	-0.1936	246	-0.1096	328	0.0604
195	-0.1926	247	-0.0696	329	0.0624
196	-0.2136	248	-0.0666	330	0.0644
197	-0.1916	249	-0.1676	331	0.0654
198	-0.1956	250	-0.1046	332	0.0644
199	-0.1996	251	-0.0116	333	0.0604
200	-0.1896	252	0.0044	334	0.0624
201	-0.1816	253	0.2274	335	0.0644
202	-0.1866	254	0.0654	336	0.0624
203	-0.1826	255	-0.6156	337	0.0654
204	-0.1846	256	-0.5546	338	0.0644
205	0.1454	257	-0.4796	339	0.0634
206	0.1644	258	-0.2426	340	0.0604
207	0.1634	259	-0.0796	341	0.0624
208	0.1624	260	-0.0526	350	0.0664
210	0.3674	261	-0.0426	351	0.0654
211	0.2354	262	-0.0686	352	0.0654
212	0.0334	263	-0.2716	353	0.0674
213	-0.9606	264	-0.1656	354	0.0654
214	-0.8576	265	-0.0146	355	0.0654
215	-0.8016	266	0.0544		
216	-0.6026	267	-0.3176		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 718
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 33.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.801
TUNNEL DYNAMIC PRESSURE(PSF) = 603.
TUNNEL STAGNATION PRESSURE(PSF) = 2049.
TUNNEL STATIC PRESSURE(PSF) = 1343.
REYNOLDS NUMBER PER FOOT = 3.9990E 06
MODEL ANGLE OF ATTACK(DEG) = -1.93
FIN ANGLE(DEG) = 0.50
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 540.

SCANIVALUE	CP(REF)
147	0.3598
247	0.3578
347	0.3578
447	0.3588
547	0.3578
647	0.3588
747	0.3588

ORF	CP	ORF	CP	ORF	CP
1	0.0008	52	-0.2232	102	-0.4472
2	-0.2472	53	-0.5192	103	-0.6032
3	-0.2372	54	-0.4222	104	-0.5872
4	-0.1292	55	0.1348	105	-0.4552
5	-0.0712	56	0.0988	110	-0.0832
6	-0.0482	57	0.0698	111	-0.0972
7	-0.0452	58	0.0248	112	-0.0612
8	-0.0432	59	-0.0132	113	-0.0742
9	-0.0512	60	-0.0512	114	0.0628
10	-0.0592	61	-0.1052	115	0.0628
11	-0.0802	62	-0.1672	116	0.0608
12	-0.1032	63	-0.2712	117	0.0598
13	-0.1542	64	-0.5922	118	0.0648
14	-0.3222	65	-0.4972	119	0.0638
15	-0.3832	66	0.1218	120	-0.0122
16	-0.0452	67	0.0638	121	0.0628
17	-0.0472	68	0.0188	122	0.0648
18	-0.0382	69	-0.0262	123	0.0638
19	-0.0242	70	-0.0642	124	-0.0292
20	-0.0232	71	-0.1172	125	-0.0612
21	-0.0282	72	-0.1872	126	-0.0372
22	-0.0342	73	-0.3342	127	-0.0462
23	-0.0432	74	-0.4772	128	-0.1072
24	-0.0502	75	0.1078	129	-0.0732
25	-0.0822	76	0.0478	135	0.0058
26	-0.1152	77	-0.0152	136	-0.0042
27	-0.1792	78	-0.0712	137	0.0048
28	-0.3442	79	-0.1412	138	0.0898
29	-0.4082	80	-0.2352	139	0.0848
30	0.0578	81	-0.4312	140	0.0838
32	0.0248	82	-0.4332	141	0.0998
33	0.0188	83	0.0638	142	0.0978
34	-0.0012	84	-0.0092	143	0.0988
35	-0.0162	85	-0.0782	145	-0.0012
36	-0.0242	86	-0.1502	147	0.0988
37	-0.0502	87	-0.2262	151	-0.0382
38	-0.0772	88	-0.3632	152	-0.1652
39	-0.1222	89	-0.4102	153	-0.2432
40	-0.1852	90	-0.0432	154	-0.2542
41	-0.3392	91	-0.1302	155	0.1668
42	-0.4082	92	-0.1802	156	0.0968
43	0.1178	93	-0.2352	157	-0.0652
44	0.0828	94	-0.3282	158	0.4348
45	0.0548	95	-0.3282	159	0.2678
46	0.0328	96	-0.4462	160	0.2068
47	0.0008	97	-0.6062	161	0.0718
48	-0.0152	98	-0.1082	162	0.3298
49	-0.0532	99	-0.1692	163	0.2808
50	-0.0872	100	-0.4102	164	0.0858
51	-0.1442	101	-0.5182	165	0.0028

ORF	CP	ORF	CP	ORF	CP
166	0.3318	217	-0.2252	268	-0.2122
167	0.2988	218	-0.1282	269	-0.0072
168	0.2268	219	-0.0892	270	0.0608
169	0.0608	220	-0.1022	271	-0.4812
170	0.3048	221	-0.1942	272	-0.2752
171	0.1658	222	-0.2522	273	-0.0142
172	-0.0542	223	0.1088	274	-0.0572
173	0.0608	224	0.2108	275	0.2978
174	-0.0332	225	0.2518	276	0.2278
175	-0.2212	226	0.0628	277	0.0608
176	-0.2582	227	-0.7372	278	-0.6282
177	-0.2342	228	-0.7422	279	-0.6102
178	-0.3982	229	-0.7032	280	-0.5332
179	-0.2822	230	-0.5492	281	-0.2992
180	-0.2132	231	-0.2192	282	-0.0642
181	0.3278	232	-0.1082	283	-0.0502
182	0.4618	233	-0.0772	284	-0.0492
183	0.4378	234	-0.0882	285	-0.1182
184	0.6168	235	-0.1962	286	-0.4862
185	0.7068	236	-0.0882	287	-0.3932
186	0.8238	237	0.1408	288	-0.0632
187	0.9048	238	0.1028	289	-0.0522
188	0.9708	239	0.2088	290	0.0388
189	1.0168	240	0.0788	291	-0.4712
190	0.2158	241	-0.6762	292	-0.1252
191	-0.1802	242	-0.6472	325	0.0618
192	-0.2022	244	-0.3362	326	0.0598
193	-0.2082	245	-0.1582	327	0.0618
194	-0.1912	246	-0.1062	328	0.0628
195	-0.1862	247	-0.0872	329	0.0628
196	-0.2042	248	-0.0852	330	0.0618
197	-0.1962	249	-0.1782	331	0.0598
198	-0.1952	250	-0.1152	332	0.0628
199	-0.1922	251	-0.0352	333	0.0628
200	-0.1912	252	-0.0192	334	0.0628
201	-0.1822	253	0.1708	335	0.0618
202	-0.1822	254	0.0088	336	0.0618
203	-0.1832	255	-0.5952	337	0.0628
204	-0.1822	256	-0.5712	338	0.0608
205	0.1688	257	-0.5172	339	0.0618
206	0.1918	258	-0.3172	340	0.0618
207	0.1938	259	-0.1172	341	0.0618
208	0.1898	260	-0.0792	350	0.0648
210	0.3328	261	-0.0772	351	0.0608
211	0.2768	262	-0.0982	352	0.0608
212	0.0768	263	-0.2862	353	0.0618
213	-0.9122	264	-0.1602	354	0.0648
214	-0.8022	265	-0.0192	355	0.0618
215	-0.7412	266	0.0588		
216	-0.5012	267	-0.3272		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 719
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 33.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.799
TUNNEL DYNAMIC PRESSURE(PSF) = 601.
TUNNEL STAGNATION PRESSURE(PSF) = 2048.
TUNNEL STATIC PRESSURE(PSF) = 1345.
REYNOLDS NUMBER PER FOOT = 3.9930E 06
MODEL ANGLE OF ATTACK(DEG) = 0.11
FIN ANGLE(DEG) = 0.61
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 540.

SCANIVALUE	CP(REF)
147	0.3571
247	0.3551
347	0.3571
447	0.3571
547	0.3541
647	0.3541
747	0.3541

ORF	CP	ORF	CP	ORF	CP
1	-0.0289	52	-0.2659	102	-0.4529
2	-0.3569	53	-0.5499	103	-0.6009
3	-0.3619	54	-0.4529	104	-0.5769
4	-0.2359	55	0.0271	105	-0.4569
5	-0.1479	56	-0.0039	110	-0.0859
6	-0.1009	57	-0.0239	111	-0.1059
7	-0.0819	58	-0.0479	112	-0.0589
8	-0.0769	59	-0.0759	113	-0.0749
9	-0.0809	60	-0.1069	114	0.0401
10	-0.0889	61	-0.1519	115	0.0411
11	-0.0979	62	-0.2109	116	0.0401
12	-0.1299	63	-0.3069	117	0.0411
13	-0.1769	64	-0.6469	118	0.0411
14	-0.3509	65	-0.5279	119	0.0411
15	-0.4099	66	0.0081	120	0.0351
16	-0.1499	67	-0.0209	121	0.0391
17	-0.1539	68	-0.0439	122	0.0401
18	-0.1169	69	-0.0859	123	0.0401
19	-0.0929	70	-0.1199	124	-0.0259
20	-0.0779	71	-0.1679	125	-0.0549
21	-0.0649	72	-0.2349	126	-0.0319
22	-0.0679	73	-0.3769	127	-0.0439
23	-0.0789	74	-0.4879	128	-0.0979
24	-0.0929	75	-0.0019	129	-0.0809
25	-0.1079	76	-0.0459	135	0.0031
26	-0.1379	77	-0.0909	136	-0.0079
27	-0.2049	78	-0.1329	137	0.0081
28	-0.3749	79	-0.1919	138	0.0901
29	-0.4439	80	-0.2679	139	0.0851
30	-0.0399	81	-0.4699	140	0.0871
32	-0.0449	82	-0.4479	141	0.0981
33	-0.0449	83	-0.0239	142	0.0961
34	-0.0489	84	-0.0869	143	0.0981
35	-0.0549	85	-0.1349	145	-0.0009
36	-0.0709	86	-0.1849	147	0.0991
37	-0.0869	87	-0.2519	151	-0.0099
38	-0.1109	88	-0.3939	152	-0.1739
39	-0.1479	89	-0.4179	153	-0.2079
40	-0.2159	90	-0.1029	154	-0.2549
41	-0.3749	91	-0.1409	155	0.1241
42	-0.4449	92	-0.1749	156	0.1081
43	0.0041	93	-0.2339	157	-0.0649
44	-0.0049	94	-0.3289	158	0.3571
45	-0.0259	95	-0.3369	159	0.2661
46	-0.0319	96	-0.3219	160	0.1911
47	-0.0509	97	-0.5899	161	0.0631
48	-0.0719	98	-0.0199	162	0.3111
49	-0.1009	99	-0.0879	163	0.2731
50	-0.1279	100	-0.3769	164	0.0851
51	-0.1839	101	-0.5209	165	-0.0079

ORF	CP
166	0.3731
167	0.2791
168	0.2261
169	0.0591
170	0.3021
171	0.1461
172	-0.0599
173	0.0171
174	-0.0589
175	-0.2259
176	-0.2409
177	-0.2199
178	-0.3829
179	-0.3379
180	-0.2089
181	0.3151
182	0.4281
183	0.4351
184	0.5971
185	0.6551
186	0.7081
187	0.7581
188	0.8201
189	0.8581
190	0.2731
191	-0.1789
192	-0.1959
193	-0.1949
194	-0.1829
195	-0.1849
196	-0.2029
197	-0.1899
198	-0.1909
199	-0.1849
200	-0.1879
201	-0.1759
202	-0.1809
203	-0.1759
204	-0.1689
205	0.1851
206	0.2151
207	0.2091
208	0.2111
210	0.2691
211	0.2291
212	0.0681
213	-0.8379
214	-0.6939
215	-0.5949
216	-0.3379

ORF	CP
217	-0.1329
218	-0.0889
219	-0.0789
220	-0.0999
221	-0.1989
222	-0.2539
223	0.0781
224	0.1901
225	0.2031
226	0.0141
227	-0.6749
228	-0.6399
229	-0.5909
230	-0.3719
231	-0.1519
232	-0.0979
233	-0.0869
234	-0.0939
235	-0.1959
236	-0.1029
237	0.1021
238	0.0691
239	0.1861
240	0.0481
241	-0.5949
242	-0.5879
244	-0.3109
245	-0.1479
246	-0.1119
247	-0.0959
248	-0.1019
249	-0.1779
250	-0.1169
251	-0.0499
252	-0.0309
253	0.1821
254	0.0221
255	-0.6769
256	-0.6599
257	-0.6279
258	-0.4499
259	-0.1629
260	-0.0949
261	-0.0879
262	-0.1049
263	-0.3089
264	-0.1679
265	-0.0049
266	0.0701
267	-0.3599

ORF	CP
268	-0.2369
269	0.0091
270	0.0741
271	-0.4799
272	-0.2829
273	-0.0069
274	-0.0549
275	0.2951
276	0.2441
277	0.0551
278	-0.7519
279	-0.7209
280	-0.6589
281	-0.4269
282	-0.1659
283	-0.0919
284	-0.0779
285	-0.1469
286	-0.5149
287	-0.4309
288	-0.0659
289	-0.0259
290	0.0591
291	-0.5899
292	-0.0989
325	0.0451
326	0.0431
327	0.0421
328	0.0421
329	0.0431
330	0.0431
331	0.0431
332	0.0411
333	0.0421
334	0.0421
335	0.0441
336	0.0451
337	0.0451
338	0.0441
339	0.0421
340	0.0421
341	0.0431
350	0.0411
351	0.0421
352	0.0411
353	0.0401
354	0.0401
355	0.0411

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 720
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 33.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.799
TUNNEL DYNAMIC PRESSURE(PSF) = 601.
TUNNEL STAGNATION PRESSURE(PSF) = 2048.
TUNNEL STATIC PRESSURE(PSF) = 1345.
REYNOLDS NUMBER PER FOOT = 3.9920E 06
MODEL ANGLE OF ATTACK(DEG) = 2.06
FIN ANGLE(DEG) = 0.42
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 540.

SCANIVALUE	CP(REF)
147	0.3571
247	0.3551
347	0.3561
447	0.3571
547	0.3421
647	0.3411
747	0.3411

ORF	CP	ORF	CP	ORF	CP
1	-0.0649	52	-0.3029	102	-0.4369
2	-0.4279	53	-0.5769	103	-0.6079
3	-0.4369	54	-0.4579	104	-0.5739
4	-0.3089	55	-0.2069	105	-0.4599
5	-0.2199	56	-0.1059	110	-0.1049
6	-0.1689	57	-0.1009	111	-0.1279
7	-0.1379	58	-0.1139	112	-0.0739
8	-0.1329	59	-0.1369	113	-0.0959
9	-0.1229	60	-0.1589	114	0.0441
10	-0.1299	61	-0.1929	115	0.0431
11	-0.1399	62	-0.2529	116	0.0451
12	-0.1609	63	-0.3459	117	0.0451
13	-0.1999	64	-0.6539	118	0.0471
14	-0.3589	65	-0.5389	119	0.0471
15	-0.4129	66	-0.2869	120	-0.0189
16	-0.2509	67	-0.1149	121	0.0451
17	-0.2509	68	-0.1239	122	0.0421
18	-0.1989	69	-0.1479	123	0.0431
19	-0.1679	70	-0.1789	124	-0.0399
20	-0.1359	71	-0.2179	125	-0.0739
21	-0.1289	72	-0.2789	126	-0.0499
22	-0.1249	73	-0.4099	127	-0.0619
23	-0.1209	74	-0.4969	128	-0.1239
24	-0.1269	75	-0.3139	129	-0.0829
25	-0.1449	76	-0.1479	135	-0.0119
26	-0.1759	77	-0.1609	136	-0.0199
27	-0.2359	78	-0.1879	137	-0.0139
28	-0.3899	79	-0.2309	138	0.0721
29	-0.4369	80	-0.3069	139	0.0731
30	-0.1849	81	-0.5009	140	0.0721
32	-0.1319	82	-0.4669	141	0.0811
33	-0.1209	83	-0.2919	142	0.0821
34	-0.1209	84	-0.1839	143	0.0841
35	-0.1219	85	-0.1799	145	-0.0199
36	-0.1189	86	-0.2189	147	0.0821
37	-0.1339	87	-0.2729	151	0.0011
38	-0.1529	88	-0.4199	152	-0.1699
39	-0.1939	89	-0.4209	153	-0.1889
40	-0.2599	90	-0.3349	154	-0.2399
41	-0.4039	91	-0.1759	155	0.0991
42	-0.4589	92	-0.1999	156	0.0881
43	-0.1889	93	-0.2549	157	-0.0709
44	-0.1079	94	-0.3449	158	0.2961
45	-0.1029	95	-0.3479	159	0.2081
46	-0.1069	96	-0.1839	160	0.1371
47	-0.1129	97	-0.5269	161	0.0201
48	-0.1289	98	0.0521	162	0.2651
49	-0.1429	99	-0.0269	163	0.2171
50	-0.1769	100	-0.3949	164	0.0741
51	-0.2219	101	-0.5099	165	-0.0289

ORF	CP	ORF	CP	ORF	CP
166	0.3551	217	-0.1209	268	-0.2529
167	0.2231	218	-0.0949	269	-0.0179
168	0.1741	219	-0.0969	270	0.0341
169	0.0401	220	-0.1219	271	-0.4749
170	0.2971	221	-0.2299	272	-0.3229
171	0.0901	222	-0.2689	273	-0.0309
172	-0.0719	223	0.0731	274	-0.0849
173	0.0041	224	0.1441	275	0.2671
174	-0.0729	225	0.1221	276	0.1941
175	-0.2119	226	-0.0399	277	-0.0029
176	-0.2259	227	-0.6089	278	-0.8579
177	-0.1959	228	-0.5699	279	-0.8349
178	-0.3399	229	-0.5149	280	-0.7559
179	-0.2819	230	-0.3179	281	-0.5229
180	-0.2059	231	-0.1509	282	-0.2609
181	0.2491	232	-0.1189	283	-0.1769
182	0.3781	233	-0.1169	284	-0.1429
183	0.3931	234	-0.1239	285	-0.1959
184	0.5221	235	-0.2049	286	-0.4989
185	0.5451	236	-0.1289	287	-0.4079
186	0.5381	237	0.0651	288	-0.0699
187	0.5591	238	0.0171	289	-0.0449
188	0.6201	239	0.1521	290	0.0361
189	0.6541	240	0.0171	291	-0.7069
190	0.2931	241	-0.6759	292	-0.1039
191	-0.1689	242	-0.6529	325	0.0621
192	-0.1829	244	-0.3629	326	0.0611
193	-0.1869	245	-0.1879	327	0.0591
194	-0.1809	246	-0.1459	328	0.0601
195	-0.1789	247	-0.1309	329	0.0611
196	-0.2059	248	-0.1229	330	0.0611
197	-0.1809	249	-0.2029	331	0.0601
198	-0.1819	250	-0.1349	332	0.0591
199	-0.1799	251	-0.0639	333	0.0601
200	-0.1829	252	-0.0369	334	0.0601
201	-0.1719	253	0.1861	335	0.0601
202	-0.1779	254	0.0121	336	0.0641
203	-0.1729	255	-0.7749	337	0.0631
204	-0.1729	256	-0.7699	338	0.0621
205	0.1771	257	-0.7239	339	0.0601
206	0.2131	258	-0.5679	340	0.0601
207	0.2071	259	-0.2609	341	0.0611
208	0.2051	260	-0.1579	350	0.0441
210	0.2031	261	-0.1329	351	0.0441
211	0.1631	262	-0.1449	352	0.0451
212	0.0241	263	-0.3429	353	0.0451
213	-0.7329	264	-0.1899	354	0.0471
214	-0.6109	265	-0.0219	355	0.0471
215	-0.4839	266	0.0381		
216	-0.2549	267	-0.3899		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 721
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 33.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.796
TUNNEL DYNAMIC PRESSURE(PSF) = 599.
TUNNEL STAGNATION PRESSURE(PSF) = 2048.
TUNNEL STATIC PRESSURE(PSF) = 1349.
REYNOLDS NUMBER PER FOOT = 3.9850E 06
MODEL ANGLE OF ATTACK(DEG) = 4.00
FIN ANGLE(DEG) = 0.28
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 540.

SCANIVALUE	CP(REF)
147	0.3519
247	0.3519
347	0.3519
447	0.3529
547	0.3449
647	0.3459
747	0.3459

ORF	CP	ORF	CP	ORF	CP
1	-0.2221	52	-0.3361	102	-0.4211
2	-0.5371	53	-0.6441	103	-0.6241
3	-0.5271	54	-0.4801	104	-0.5981
4	-0.3851	55	-0.6591	105	-0.4721
5	-0.3091	56	-0.5991	110	-0.1021
6	-0.2581	57	-0.4391	111	-0.1241
7	-0.2251	58	-0.2691	112	-0.0751
8	-0.2061	59	-0.1781	113	-0.0971
9	-0.2041	60	-0.1861	114	0.0579
10	-0.2011	61	-0.2251	115	0.0589
11	-0.2071	62	-0.2811	116	0.0569
12	-0.2191	63	-0.3811	117	0.0549
13	-0.2541	64	-0.7071	118	0.0549
14	-0.3901	65	-0.5591	119	0.0549
15	-0.4271	66	-0.6391	120	0.0449
16	-0.4891	67	-0.6251	121	0.0599
17	-0.3951	68	-0.5331	122	0.0569
18	-0.3251	69	-0.3561	123	0.0579
19	-0.2771	70	-0.2791	124	-0.0321
20	-0.2421	71	-0.2511	125	-0.0681
21	-0.2211	72	-0.2981	126	-0.0491
22	-0.2031	73	-0.4341	127	-0.0601
23	-0.1981	74	-0.5031	128	-0.1001
24	-0.2001	75	-0.6331	129	-0.0721
25	-0.2091	76	-0.6301	135	-0.0101
26	-0.2321	77	-0.5651	136	-0.0131
27	-0.2881	78	-0.4331	137	-0.0141
28	-0.4191	79	-0.3171	138	0.0759
29	-0.4501	80	-0.3271	139	0.0769
30	-0.7031	81	-0.4621	140	0.0759
32	-0.2061	82	-0.4641	141	0.0919
33	-0.1981	83	-0.5471	142	0.0879
34	-0.1941	84	-0.6271	143	0.0949
35	-0.1851	85	-0.5561	145	-0.0191
36	-0.1871	86	-0.4531	147	0.0869
37	-0.2041	87	-0.3741	151	-0.0171
38	-0.2061	88	-0.3981	152	-0.1801
39	-0.2441	89	-0.4101	153	-0.1871
40	-0.3001	90	-0.5631	154	-0.2251
41	-0.4351	91	-0.5631	155	0.0299
42	-0.4641	92	-0.5551	156	0.0499
43	-0.7261	93	-0.4681	157	-0.0911
44	-0.5631	94	-0.4181	158	0.1769
45	-0.2431	95	-0.3761	159	0.1229
46	-0.1351	96	-0.0611	160	0.0529
47	-0.1461	97	-0.5351	161	-0.0491
48	-0.1661	98	0.1129	162	0.1759
49	-0.1861	99	0.0279	163	0.1179
50	-0.2141	100	-0.3991	164	0.0739
51	-0.2621	101	-0.4781	165	-0.0691

ORF	CP	ORF	CP	ORF	CP
166	0.2719	217	-0.1011	268	-0.2801
167	0.1509	218	-0.0901	269	-0.0591
168	0.1179	219	-0.1001	270	-0.0031
169	0.0099	220	-0.1261	271	-0.4641
170	0.2269	221	-0.2451	272	-0.3391
171	0.0499	222	-0.2571	273	-0.0461
172	-0.0921	223	0.0639	274	-0.0631
173	-0.0181	224	0.1129	275	0.2259
174	-0.0971	225	0.0979	276	0.1149
175	-0.2031	226	-0.0531	277	-0.0701
176	-0.2281	227	-0.5941	278	-0.9341
177	-0.2031	228	-0.5341	279	-0.8991
178	-0.3091	229	-0.4341	280	-0.8051
179	-0.2391	230	-0.2751	281	-0.5781
180	-0.2071	231	-0.1531	282	-0.3261
181	0.1679	232	-0.1311	283	-0.2451
182	0.2819	233	-0.1201	284	-0.1951
183	0.2729	234	-0.1351	285	-0.2311
184	0.3949	235	-0.2101	286	-0.4691
185	0.4189	236	-0.1271	287	-0.3701
186	0.4329	237	0.0299	288	-0.0411
187	0.4849	238	0.0079	289	-0.0331
188	0.5599	239	0.1459	290	0.0049
189	0.6229	240	0.0229	291	-0.7631
190	0.2809	241	-0.7931	292	-0.0751
191	-0.1951	242	-0.7511	325	0.0589
192	-0.1991	244	-0.4191	326	0.0619
193	-0.1991	245	-0.2271	327	0.0629
194	-0.1961	246	-0.1691	328	0.0589
195	-0.1961	247	-0.1461	329	0.0599
196	-0.2121	248	-0.1361	330	0.0599
197	-0.1921	249	-0.2181	331	0.0609
198	-0.1911	250	-0.1431	332	0.0619
199	-0.1951	251	-0.0641	333	0.0609
200	-0.1961	252	-0.0371	334	0.0599
201	-0.1811	253	0.1409	335	0.0599
202	-0.1811	254	-0.0421	336	0.0629
203	-0.1891	255	-0.8651	337	0.0599
204	-0.1821	256	-0.8281	338	0.0629
205	0.1749	257	-0.7921	339	0.0639
206	0.2209	258	-0.6071	340	0.0599
207	0.2069	259	-0.3171	341	0.0609
208	0.2109	260	-0.2201	350	0.0569
210	0.1459	261	-0.1821	351	0.0569
211	0.1219	262	-0.1881	352	0.0579
212	-0.0081	263	-0.3541	353	0.0579
213	-0.5881	264	-0.2171	354	0.0539
214	-0.4351	265	-0.0511	355	0.0579
215	-0.3351	266	-0.0111		
216	-0.1631	267	-0.3881		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 722
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 33.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.804
TUNNEL DYNAMIC PRESSURE(PSF) = 605.
TUNNEL STAGNATION PRESSURE(PSF) = 2048.
TUNNEL STATIC PRESSURE(PSF) = 1339.
REYNOLDS NUMBER PER FOOT = 4.0050E 06
MODEL ANGLE OF ATTACK(DEG) = 6.03
FIN ANGLE(DEG) = 0.17
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 540.

SCANIVALUE	CP(REF)
147	0.3638
247	0.3608
347	0.3628
447	0.3628
547	0.3598
647	0.3578
747	0.3598

ORF	CP	ORF	CP	ORF	CP
1	-0.4922	52	-0.3182	102	-0.4152
2	-0.7512	53	-0.6042	103	-0.6292
3	-0.6442	54	-0.4542	104	-0.5952
4	-0.4682	55	-0.8232	105	-0.4522
5	-0.3602	56	-0.8432	110	-0.0982
6	-0.3022	57	-0.8152	111	-0.1292
7	-0.2712	58	-0.7592	112	-0.0722
8	-0.2472	59	-0.6242	113	-0.0952
9	-0.2372	60	-0.4632	114	0.0688
10	-0.2282	61	-0.2972	115	0.0698
11	-0.2242	62	-0.2692	116	0.0698
12	-0.2462	63	-0.3322	117	0.0698
13	-0.2732	64	-0.5852	118	0.0718
14	-0.4042	65	-0.4952	119	0.0728
15	-0.4272	66	-0.7702	120	0.0538
16	-0.8522	67	-0.7892	121	0.0698
17	-0.6622	68	-0.7942	122	0.0688
18	-0.5202	69	-0.7592	123	0.0678
19	-0.4272	70	-0.6832	124	-0.0312
20	-0.3542	71	-0.6082	125	-0.0632
21	-0.2872	72	-0.5262	126	-0.0452
22	-0.2532	73	-0.4852	127	-0.0522
23	-0.2382	74	-0.4852	128	-0.0972
24	-0.2312	75	-0.7502	129	-0.0622
25	-0.2322	76	-0.7632	135	-0.0072
26	-0.2462	77	-0.7762	136	-0.0072
27	-0.3032	78	-0.7482	137	-0.0082
28	-0.4302	79	-0.6892	138	0.0808
29	-0.4462	80	-0.6222	139	0.0768
30	-1.0612	81	-0.5502	140	0.0828
32	-0.3832	82	-0.4822	141	0.0988
33	-0.2722	83	-0.6392	142	0.0858
34	-0.2522	84	-0.7212	143	0.1078
35	-0.2442	85	-0.7152	145	-0.0072
36	-0.2352	86	-0.6952	147	0.0838
37	-0.2392	87	-0.6452	151	-0.0412
38	-0.2562	88	-0.5672	152	-0.1662
39	-0.2802	89	-0.4612	153	-0.1842
40	-0.3242	90	-0.5762	154	-0.2152
41	-0.4382	91	-0.5402	155	0.0338
42	-0.4522	92	-0.4962	156	-0.0012
43	-0.9322	93	-0.4732	157	-0.1092
44	-0.9542	94	-0.4452	158	0.0898
45	-0.8432	95	-0.3872	159	0.0528
46	-0.5572	96	0.0268	160	0.0018
47	-0.2632	97	-0.5212	161	-0.0772
48	-0.1622	98	0.1808	162	0.1468
49	-0.1712	99	0.1078	163	0.0928
50	-0.2062	100	-0.3692	164	0.0828
51	-0.2572	101	-0.4772	165	-0.0812

ORF	CP	ORF	CP	ORF	CP
166	0.2588	217	-0.0862	268	-0.2782
167	0.1648	218	-0.0792	269	-0.0602
168	0.1328	219	-0.0912	270	-0.0202
169	0.0278	220	-0.1232	271	-0.4532
170	0.2188	221	-0.2552	272	-0.3402
171	0.0778	222	-0.2492	273	-0.0412
172	-0.0742	223	0.0348	274	-0.0492
173	-0.0102	224	0.1008	275	0.1718
174	-0.0882	225	0.0968	276	0.0048
175	-0.1862	226	-0.0462	277	-0.1452
176	-0.2172	227	-0.6612	278	-1.0582
177	-0.2172	228	-0.5882	279	-0.9872
178	-0.2892	229	-0.5022	280	-0.8882
179	-0.1742	230	-0.2902	281	-0.6572
180	-0.2032	231	-0.1512	282	-0.3862
181	0.0988	232	-0.1242	283	-0.3002
182	0.1958	233	-0.1142	284	-0.2342
183	0.2328	234	-0.1332	285	-0.2532
184	0.3528	235	-0.2192	286	-0.4562
185	0.3938	236	-0.1222	287	-0.3642
186	0.4688	237	0.0298	288	-0.0312
187	0.5528	238	0.0218	289	-0.0142
188	0.6928	239	0.1298	290	-0.0122
189	0.7818	240	0.0058	291	-0.7692
190	0.3348	241	-0.8152	292	-0.0242
191	-0.1932	242	-0.7752	325	0.0728
192	-0.1832	244	-0.4802	326	0.0738
193	-0.1902	245	-0.2672	327	0.0738
194	-0.1812	246	-0.2122	328	0.0738
195	-0.1922	247	-0.1742	329	0.0718
196	-0.1962	248	-0.1552	330	0.0718
197	-0.1732	249	-0.2332	331	0.0738
198	-0.1822	250	-0.1532	332	0.0738
199	-0.1942	251	-0.0712	333	0.0728
200	-0.1972	252	-0.0512	334	0.0718
201	-0.1862	253	0.0658	335	0.0708
202	-0.1772	254	-0.1032	336	0.0708
203	-0.1772	255	-0.9912	337	0.0738
204	-0.1872	256	-0.9252	338	0.0728
205	0.1548	257	-0.8372	339	0.0738
206	0.2108	258	-0.6072	340	0.0728
207	0.1848	259	-0.3592	341	0.0718
208	0.1948	260	-0.2772	350	0.0748
210	0.1038	261	-0.2252	351	0.0698
211	0.0968	262	-0.2172	352	0.0708
212	-0.0082	263	-0.3582	353	0.0708
213	-0.5162	264	-0.2172	354	0.0708
214	-0.3282	265	-0.0682	355	0.0708
215	-0.2462	266	-0.0322		
216	-0.1292	267	-0.3972		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 723
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 33.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.796
TUNNEL DYNAMIC PRESSURE(PSF) = 599.
TUNNEL STAGNATION PRESSURE(PSF) = 2048.
TUNNEL STATIC PRESSURE(PSF) = 1349.
REYNOLDS NUMBER PER FOOT = 3.9850E 06
MODEL ANGLE OF ATTACK(DEG) = 7.95
FIN ANGLE(DEG) = 0.09
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 540.

SCANIVALUE	CP(REF)
147	0.3519
247	0.3499
347	0.3509
447	0.3519
547	0.3459
647	0.3449
747	0.3449

ORF	CP	ORF	CP	ORF	CP
1	-0.7721	52	-0.3101	102	-0.4091
2	-1.1221	53	-0.5301	103	-0.7091
3	-0.9301	54	-0.4281	104	-0.6341
4	-0.6421	55	-0.9751	105	-0.4751
5	-0.4351	56	-1.0031	110	-0.1121
6	-0.3511	57	-1.0411	111	-0.1411
7	-0.3051	58	-1.0411	112	-0.0891
8	-0.2811	59	-0.9751	113	-0.1201
9	-0.2661	60	-0.8851	114	0.0689
10	-0.2541	61	-0.7011	115	0.0689
11	-0.2511	62	-0.4721	116	0.0699
12	-0.2621	63	-0.3361	117	0.0689
13	-0.2881	64	-0.4151	118	0.0679
14	-0.4221	65	-0.4351	119	0.0689
15	-0.4511	66	-0.9101	120	-0.0641
16	-1.1371	67	-0.9291	121	0.0689
17	-1.0011	68	-0.9431	122	0.0699
18	-0.8801	69	-0.9481	123	0.0709
19	-0.7681	70	-0.9341	124	-0.0451
20	-0.6211	71	-0.8871	125	-0.0741
21	-0.4281	72	-0.8251	126	-0.0621
22	-0.2981	73	-0.7351	127	-0.0691
23	-0.2361	74	-0.6191	128	-0.0891
24	-0.2281	75	-0.8321	129	-0.0641
25	-0.2301	76	-0.8271	135	-0.0191
26	-0.2451	77	-0.8141	136	-0.0221
27	-0.2921	78	-0.7941	137	-0.0231
28	-0.4451	79	-0.7661	138	0.0689
29	-0.4601	80	-0.6991	139	0.0659
30	-1.3011	81	-0.6241	140	0.0699
32	-0.8921	82	-0.5371	141	0.0869
33	-0.5171	83	-0.6161	142	0.0669
34	-0.4131	84	-0.6741	143	0.1009
35	-0.3511	85	-0.6321	145	-0.0261
36	-0.3211	86	-0.5901	147	0.0619
37	-0.2911	87	-0.5421	151	-0.0471
38	-0.2851	88	-0.5041	152	-0.1611
39	-0.2991	89	-0.4601	153	-0.1791
40	-0.3371	90	-0.5291	154	-0.2011
41	-0.4581	91	-0.5051	155	0.0059
42	-0.4571	92	-0.4771	156	-0.0431
43	-1.0691	93	-0.4511	157	-0.1321
44	-1.1681	94	-0.4391	158	0.0579
45	-1.2351	95	-0.4121	159	0.0129
46	-1.1741	96	0.0779	160	-0.0341
47	-0.6921	97	-0.5101	161	-0.1011
48	-0.3281	98	0.2289	162	0.1569
49	-0.2191	99	0.1499	163	0.0859
50	-0.2081	100	-0.3491	164	0.0699
51	-0.2491	101	-0.4901	165	-0.0731

ORF	CP	ORF	CP	ORF	CP
166	0.3359	217	-0.1141	268	-0.3151
167	0.2029	218	-0.1011	269	-0.0621
168	0.1769	219	-0.0981	270	-0.0211
169	0.0589	220	-0.1341	271	-0.4671
170	0.2679	221	-0.2841	272	-0.3671
171	0.0959	222	-0.2721	273	-0.0381
172	-0.0631	223	0.0029	274	-0.0401
173	-0.0171	224	0.1069	275	0.1139
174	-0.1381	225	0.0819	276	-0.1481
175	-0.2021	226	-0.0701	277	-0.2811
176	-0.2331	227	-0.7191	278	-1.4521
177	-0.2081	228	-0.6651	279	-1.2921
178	-0.2041	229	-0.5871	280	-1.1341
179	-0.1311	230	-0.3831	281	-0.8321
180	-0.2081	231	-0.1981	282	-0.5141
181	-0.0051	232	-0.1581	283	-0.3711
182	0.1139	233	-0.1431	284	-0.2671
183	0.2569	234	-0.1631	285	-0.2741
184	0.4059	235	-0.2521	286	-0.4651
185	0.4849	236	-0.1511	287	-0.4051
186	0.5579	237	0.0289	288	-0.0301
187	0.6549	238	0.0059	289	0.0099
188	0.8059	239	0.0229	290	-0.0121
189	0.8679	240	-0.1091	291	-0.8301
190	0.3619	241	-0.8011	292	-0.0041
191	-0.2111	242	-0.7271	325	0.0759
192	-0.1921	244	-0.4481	326	0.0749
193	-0.1981	245	-0.3091	327	0.0749
194	-0.2101	246	-0.2561	328	0.0749
195	-0.2091	247	-0.2141	329	0.0769
196	-0.2061	248	-0.1921	330	0.0719
197	-0.1931	249	-0.2531	331	0.0759
198	-0.2021	250	-0.1801	332	0.0749
199	-0.2071	251	-0.1011	333	0.0749
200	-0.2171	252	-0.0861	334	0.0779
201	-0.2021	253	0.0099	335	0.0719
202	-0.1911	254	-0.1401	336	0.0769
203	-0.1911	255	-1.2731	337	0.0769
204	-0.1971	256	-1.1561	338	0.0749
205	0.1029	257	-1.0351	339	0.0739
206	0.1869	258	-0.7531	340	0.0749
207	0.1359	259	-0.4491	341	0.0759
208	0.1469	260	-0.3521	350	0.0669
210	0.0799	261	-0.2761	351	0.0669
211	0.0779	262	-0.2381	352	0.0669
212	-0.0341	263	-0.3921	353	0.0669
213	-0.5831	264	-0.2391	354	0.0639
214	-0.3791	265	-0.0731	355	0.0679
215	-0.2901	266	-0.0271		
216	-0.1621	267	-0.4231		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 724
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 33.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.802
TUNNEL DYNAMIC PRESSURE(PSF) = 604.
TUNNEL STAGNATION PRESSURE(PSF) = 2049.
TUNNEL STATIC PRESSURE(PSF) = 1341.
REYNOLDS NUMBER PER FOOT = 4.0010E 06
MODEL ANGLE OF ATTACK(DEG) = 11.97
FIN ANGLE(DEG) = 0.14
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 540.

SCANIVALUE	CP(REF)
147	0.3598
247	0.3568
347	0.3588
447	0.3598
547	0.3588
647	0.3588
747	0.3578

ORF	CP	ORF	CP	ORF	CP
1	-1.0612	52	-0.5792	102	-0.4592
2	-1.3792	53	-0.5442	103	-0.7662
3	-1.2792	54	-0.4872	104	-0.7562
4	-1.2432	55	-0.9842	105	-0.5242
5	-1.1252	56	-0.9612	110	-0.1312
6	-0.5422	57	-0.9362	111	-0.1672
7	-0.3602	58	-0.9412	112	-0.1082
8	-0.3052	59	-0.9502	113	-0.1452
9	-0.2812	60	-0.9082	114	0.0798
10	-0.2742	61	-0.8572	115	0.0778
11	-0.2662	62	-0.7942	116	0.0778
12	-0.2772	63	-0.7242	117	0.0788
13	-0.3152	64	-0.6672	118	0.0788
14	-0.4762	65	-0.6462	119	0.0778
15	-0.4942	66	-0.8232	120	0.0728
16	-1.4692	67	-0.7962	121	0.0778
17	-1.5842	68	-0.7822	122	0.0788
18	-1.5862	69	-0.7542	123	0.0798
19	-1.3552	70	-0.7402	124	-0.0702
20	-1.0662	71	-0.7192	125	-0.0962
21	-0.7832	72	-0.6982	126	-0.0912
22	-0.4672	73	-0.6752	127	-0.0922
23	-0.2452	74	-0.6312	128	-0.1102
24	-0.1942	75	-0.6762	129	-0.0422
25	-0.2162	76	-0.6632	135	-0.0432
26	-0.2522	77	-0.6452	136	-0.0512
27	-0.3212	78	-0.6332	137	-0.0532
28	-0.4952	79	-0.6192	138	0.0608
29	-0.5062	80	-0.6032	139	0.0558
30	-1.7662	81	-0.5762	140	0.0478
32	-1.4902	82	-0.5582	141	0.1048
33	-1.1822	83	-0.5412	142	0.0638
34	-0.9012	84	-0.6112	143	0.1188
35	-0.7242	85	-0.6002	145	-0.0532
36	-0.5562	86	-0.5822	147	0.0638
37	-0.4012	87	-0.5672	151	-0.0982
38	-0.3132	88	-0.5412	152	-0.1712
39	-0.3192	89	-0.5242	153	-0.1952
40	-0.3592	90	-0.5652	154	-0.2072
41	-0.4632	91	-0.5592	155	-0.0422
42	-0.4572	92	-0.5442	156	-0.1092
43	-1.3222	93	-0.5352	157	-0.1552
44	-1.2922	94	-0.5262	158	0.0628
45	-1.2632	95	-0.5242	159	-0.0502
46	-1.3012	96	0.1878	160	-0.1022
47	-1.2912	97	-0.4562	161	-0.1362
48	-1.0772	98	0.3268	162	0.1518
49	-0.8652	99	0.2068	163	0.0508
50	-0.7562	100	-0.3212	164	0.0558
51	-0.6602	101	-0.5322	165	-0.1012

ORF	CP	ORF	CP	ORF	CP
166	0.2868	217	-0.1662	268	-0.3472
167	0.1328	218	-0.1382	269	-0.0702
168	0.1048	219	-0.1332	270	-0.0162
169	0.0048	220	-0.1552	271	-0.5072
170	0.1448	221	-0.3272	272	-0.4312
171	-0.0242	222	-0.2882	273	-0.0362
172	-0.1292	223	-0.0092	274	-0.0302
173	-0.0612	224	0.1128	275	0.0598
174	-0.1482	225	0.0028	276	-0.3502
175	-0.2092	226	-0.1632	277	-0.3982
176	-0.2332	227	-0.6112	278	-1.7652
177	-0.2332	228	-0.6042	279	-1.6582
178	-0.2122	229	-0.5802	280	-1.5042
179	-0.1742	230	-0.4572	281	-1.3252
180	-0.2192	231	-0.2602	282	-1.0042
181	-0.1012	232	-0.1992	283	-0.5532
182	0.0068	233	-0.1822	284	-0.2902
183	0.2358	234	-0.1832	285	-0.2912
184	0.3788	235	-0.2602	286	-0.5172
185	0.4418	236	-0.1632	287	-0.4532
186	0.4238	237	-0.0082	288	-0.0192
187	0.4108	238	-0.0232	289	0.0448
188	0.4288	239	-0.0652	290	-0.0002
189	0.4468	240	-0.1692	291	-0.9262
190	0.4028	241	-1.0432	292	0.0518
191	-0.2332	242	-0.9272	325	0.0828
192	-0.2052	244	-0.5442	326	0.0808
193	-0.2242	245	-0.3612	327	0.0848
194	-0.2352	246	-0.2732	328	0.0838
195	-0.2302	247	-0.2212	329	0.0828
196	-0.2262	248	-0.1972	330	0.0808
197	-0.2152	249	-0.2612	331	0.0818
198	-0.2232	250	-0.1842	332	0.0858
199	-0.2142	251	-0.0982	333	0.0838
200	-0.2432	252	-0.0532	334	0.0808
201	-0.2252	253	0.0098	335	0.0798
202	-0.1942	254	-0.1412	336	0.0848
203	-0.2132	255	-1.7742	337	0.0828
204	-0.2232	256	-1.6512	338	0.0838
205	-0.0212	257	-1.5022	339	0.0848
206	0.1448	258	-1.2082	340	0.0848
207	0.0138	259	-0.7782	341	0.0838
208	0.0338	260	-0.4902	350	0.0788
210	0.0548	261	-0.3132	351	0.0788
211	0.0328	262	-0.2582	352	0.0778
212	-0.0932	263	-0.4502	353	0.0778
213	-0.7602	264	-0.2712	354	0.0778
214	-0.5762	265	-0.0712	355	0.0778
215	-0.4452	266	-0.0122		
216	-0.2592	267	-0.4762		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 725
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 33.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.797
TUNNEL DYNAMIC PRESSURE(PSF) = 600.
TUNNEL STAGNATION PRESSURE(PSF) = 2048.
TUNNEL STATIC PRESSURE(PSF) = 1347.
REYNOLDS NUMBER PER FOOT = 3.9870E 06
MODEL ANGLE OF ATTACK(DEG) = 14.14
FIN ANGLE(DEG) = 0.33
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 540.

SCANIVALUE	CP(REF)
147	0.3550
247	0.3530
347	0.3540
447	0.3560
547	0.3480
647	0.3480
747	0.3480

ORF	CP	ORF	CP	ORF	CP
1	-1.1560	52	-0.7340	102	-0.5460
2	-1.3920	53	-0.6940	103	-0.8020
3	-1.3490	54	-0.6760	104	-0.7730
4	-1.3260	55	-0.9370	105	-0.5830
5	-1.2520	56	-0.9260	110	-0.1530
6	-0.7320	57	-0.9020	111	-0.1940
7	-0.4690	58	-0.8800	112	-0.1320
8	-0.3990	59	-0.8720	113	-0.1650
9	-0.3720	60	-0.8370	114	0.0740
10	-0.3730	61	-0.8100	115	0.0720
11	-0.3610	62	-0.7740	116	0.0730
12	-0.3660	63	-0.7350	117	0.0730
13	-0.3760	64	-0.7150	118	0.0760
14	-0.5230	65	-0.7090	119	0.0730
15	-0.5450	66	-0.7280	120	0.0680
16	-1.5820	67	-0.7450	121	0.0720
17	-1.7350	68	-0.7380	122	0.0730
18	-1.8130	69	-0.7240	123	0.0770
19	-1.5200	70	-0.7340	124	-0.1040
20	-1.2550	71	-0.7320	125	-0.1280
21	-1.0390	72	-0.7150	126	-0.1160
22	-0.7350	73	-0.6800	127	-0.1160
23	-0.5200	74	-0.6530	128	-0.1470
24	-0.3740	75	-0.6700	129	-0.0360
25	-0.3750	76	-0.6740	135	-0.0740
26	-0.3680	77	-0.6650	136	-0.0670
27	-0.3920	78	-0.6580	137	-0.0710
28	-0.5200	79	-0.6490	138	0.0470
29	-0.5390	80	-0.6220	139	0.0440
30	-1.6070	81	-0.6140	140	0.0350
32	-1.4370	82	-0.6050	141	0.0990
33	-1.3950	83	-0.5540	142	0.0590
34	-1.2800	84	-0.6350	143	0.1260
35	-1.0540	85	-0.6130	145	-0.0710
36	-0.9070	86	-0.6030	147	0.0460
37	-0.7670	87	-0.5920	151	-0.1230
38	-0.6300	88	-0.5870	152	-0.1900
39	-0.5010	89	-0.5840	153	-0.2010
40	-0.4690	90	-0.5950	154	-0.2100
41	-0.5130	91	-0.5900	155	-0.0810
42	-0.5180	92	-0.5820	156	-0.1370
43	-1.3540	93	-0.5800	157	-0.1730
44	-1.3300	94	-0.5800	158	0.0230
45	-1.2550	95	-0.5810	159	-0.0780
46	-1.1120	96	0.2590	160	-0.1200
47	-0.9890	97	-0.4310	161	-0.1550
48	-0.9190	98	0.3650	162	0.0890
49	-0.8770	99	0.2390	163	0.0070
50	-0.8300	100	-0.3210	164	0.0410
51	-0.7910	101	-0.5910	165	-0.1190

ORF	CP	ORF	CP	ORF	CP
166	0.1970	217	-0.2070	269	-0.0780
167	0.0610	218	-0.1710	270	-0.0150
168	0.0380	219	-0.1530	271	-0.5770
169	-0.0540	220	-0.1730	272	-0.4380
170	0.0750	221	-0.3490	273	-0.0440
171	-0.0450	222	-0.2910	274	-0.0510
172	-0.1410	223	-0.0510	275	0.0140
173	-0.0790	224	0.0590	276	-0.4720
174	-0.1260	225	-0.0400	277	-0.4720
175	-0.1920	226	-0.2090	278	-1.7950
176	-0.2260	227	-0.6240	279	-1.7260
177	-0.2550	228	-0.6180	280	-1.6010
178	-0.2510	229	-0.6090	281	-1.4620
179	-0.2060	230	-0.4620	282	-1.1640
180	-0.2230	231	-0.2780	283	-0.6710
181	-0.1020	232	-0.2290	284	-0.3840
182	-0.0070	233	-0.1890	285	-0.3650
183	0.1880	234	-0.1960	286	-0.5950
184	0.2790	235	-0.2680	287	-0.4670
185	0.3120	236	-0.1870	288	-0.0370
186	0.3160	237	-0.0410	289	0.0350
187	0.3380	238	-0.0510	290	-0.0080
188	0.3670	239	-0.0920	291	-0.9680
189	0.3890	240	-0.1970	292	0.0580
190	0.4200	241	-1.1830	325	0.0780
191	-0.2380	242	-1.0670	326	0.0790
192	-0.2190	244	-0.6820	327	0.0810
193	-0.2310	245	-0.4370	328	0.0790
194	-0.2370	246	-0.3150	329	0.0810
195	-0.2500	247	-0.2440	330	0.0770
196	-0.2330	248	-0.2180	331	0.0790
197	-0.1970	249	-0.3020	332	0.0810
198	-0.2180	250	-0.2140	333	0.0780
199	-0.2260	251	-0.1090	334	0.0810
200	-0.2580	252	-0.0570	335	0.0780
201	-0.2470	254	-0.1610	336	0.0820
202	-0.2050	255	-1.8150	337	0.0800
203	-0.2120	256	-1.7090	338	0.0800
204	-0.2330	257	-1.6180	339	0.0820
205	-0.1100	258	-1.4300	340	0.0810
206	0.1020	259	-0.9520	341	0.0820
207	-0.0760	260	-0.6130	350	0.0740
208	-0.0460	261	-0.3800	351	0.0740
210	0.0240	262	-0.3180	352	0.0750
211	-0.0090	263	-0.5090	353	0.0720
212	-0.1420	264	-0.3170	354	0.0750
213	-0.7520	265	-0.0900	355	0.0730
214	-0.6250	266	-0.0310		
215	-0.5310	267	-0.5330		
216	-0.3450	268	-0.3920		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 726
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 33.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.798
TUNNEL DYNAMIC PRESSURE(PSF) = 601.
TUNNEL STAGNATION PRESSURE(PSF) = 2048.
TUNNEL STATIC PRESSURE(PSF) = 1346.
REYNOLDS NUMBER PER FOOT = 3.9930E 06
MODEL ANGLE OF ATTACK(DEG) = 0.15
FIN ANGLE(DEG) = 0.61
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 540.

SCANIVALUE	CP(REF)
147	0.3554
247	0.3544
347	0.3554
447	0.3554
547	0.3524
647	0.3524
747	0.3524

ORF	CP	ORF	CP	ORF	CP
1	-0.0246	52	-0.2726	102	-0.4616
2	-0.3596	53	-0.5636	103	-0.5996
3	-0.3566	54	-0.4566	104	-0.5866
4	-0.2326	55	0.0224	105	-0.4586
5	-0.1416	56	-0.0066	110	-0.0866
6	-0.1096	57	-0.0206	111	-0.1096
7	-0.0846	58	-0.0536	112	-0.0626
8	-0.0846	59	-0.0826	113	-0.0726
9	-0.0826	60	-0.1086	114	0.0404
10	-0.0956	61	-0.1566	115	0.0374
11	-0.1116	62	-0.2196	116	0.0394
12	-0.1346	63	-0.3186	117	0.0394
13	-0.1786	64	-0.6646	118	0.0404
14	-0.3556	65	-0.5256	119	0.0384
15	-0.4236	66	0.0064	120	-0.0826
16	-0.1496	67	-0.0216	121	0.0384
17	-0.1486	68	-0.0506	122	0.0394
18	-0.1196	69	-0.0866	123	0.0374
19	-0.0936	70	-0.1266	124	-0.0286
20	-0.0786	71	-0.1736	125	-0.0556
21	-0.0706	72	-0.2416	126	-0.0356
22	-0.0706	73	-0.3766	127	-0.0456
23	-0.0806	74	-0.4956	128	-0.0826
24	-0.0916	75	-0.0166	129	-0.0806
25	-0.1116	76	-0.0506	135	0.0064
26	-0.1446	77	-0.0996	136	-0.0016
27	-0.2076	78	-0.1426	137	0.0004
28	-0.3796	79	-0.1966	138	0.0914
29	-0.4486	80	-0.2756	139	0.0884
30	-0.0496	81	-0.4686	140	0.0834
32	-0.0546	82	-0.4606	141	0.0994
33	-0.0526	83	-0.0216	142	0.1014
34	-0.0536	84	-0.0906	143	0.0954
35	-0.0666	85	-0.1406	145	-0.0056
36	-0.0746	86	-0.1916	147	0.0964
37	-0.0926	87	-0.2576	151	-0.0156
38	-0.1186	88	-0.3996	152	-0.1826
39	-0.1526	89	-0.4226	153	-0.2096
40	-0.2286	90	-0.1096	154	-0.2556
41	-0.3816	91	-0.1486	155	0.1194
42	-0.4446	92	-0.1866	156	0.1034
43	0.0074	93	-0.2406	157	-0.0696
44	-0.0046	94	-0.3376	158	0.3454
45	-0.0276	95	-0.3416	159	0.2614
46	-0.0396	96	-0.3256	160	0.1804
47	-0.0616	97	-0.5976	161	0.0564
48	-0.0756	98	-0.0326	162	0.3114
49	-0.1016	99	-0.0966	163	0.2564
50	-0.1386	100	-0.3796	164	0.0874
51	-0.1866	101	-0.5096	165	-0.0076

ORF	CP	ORF	CP	ORF	CP
166	0.3724	217	-0.1426	268	-0.2156
167	0.2814	218	-0.0946	269	0.0074
168	0.2144	219	-0.0806	270	0.0684
169	0.0534	220	-0.1046	271	-0.4866
170	0.2924	221	-0.1996	272	-0.3046
171	0.1364	222	-0.2516	273	-0.0026
172	-0.0616	223	0.0884	274	-0.0576
173	0.0134	224	0.1864	275	0.3004
174	-0.0616	225	0.1904	276	0.2334
175	-0.2226	226	0.0204	277	0.0554
176	-0.2506	227	-0.6816	278	-0.7496
177	-0.2176	228	-0.6456	279	-0.7306
178	-0.3836	229	-0.5946	280	-0.6586
179	-0.3266	230	-0.4016	281	-0.4166
180	-0.2136	231	-0.1396	282	-0.1676
181	0.2914	232	-0.0966	283	-0.0976
182	0.4244	233	-0.0876	284	-0.0806
183	0.4254	234	-0.0966	285	-0.1516
184	0.5844	235	-0.1956	286	-0.4956
185	0.6364	236	-0.1016	287	-0.4276
186	0.7044	237	0.1094	288	-0.0666
187	0.7664	238	0.0574	289	-0.0266
188	0.8134	239	0.1784	290	0.0654
189	0.8464	240	0.0464	291	-0.5876
190	0.2674	241	-0.5986	292	-0.0996
191	-0.1816	242	-0.5856	325	0.0384
192	-0.1976	244	-0.3116	326	0.0404
193	-0.1996	245	-0.1486	327	0.0424
194	-0.1866	246	-0.1186	328	0.0424
195	-0.1876	247	-0.1016	329	0.0424
196	-0.2166	248	-0.0986	330	0.0424
197	-0.1906	249	-0.1856	331	0.0404
198	-0.1936	250	-0.1226	332	0.0414
199	-0.1956	251	-0.0586	333	0.0424
200	-0.1886	252	-0.0376	334	0.0424
201	-0.1826	253	0.1874	335	0.0424
202	-0.1846	254	0.0164	336	0.0394
203	-0.1836	255	-0.6806	337	0.0384
204	-0.1836	256	-0.6566	338	0.0394
205	0.1824	257	-0.6206	339	0.0414
206	0.2074	258	-0.4586	340	0.0414
207	0.2084	259	-0.1746	341	0.0414
208	0.2024	260	-0.1016	350	0.0394
210	0.2814	261	-0.0956	351	0.0414
211	0.2344	262	-0.1076	352	0.0414
212	0.0654	263	-0.3146	353	0.0394
213	-0.8346	264	-0.1706	354	0.0394
214	-0.6846	265	-0.0056	355	0.0394
215	-0.5846	266	0.0664		
216	-0.3336	267	-0.3606		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 727
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 32.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.698
TUNNEL DYNAMIC PRESSURE(PSF) = 539.
TUNNEL STAGNATION PRESSURE(PSF) = 2189.
TUNNEL STATIC PRESSURE(PSF) = 1581.
REYNOLDS NUMBER PER FOOT = 3.9620E 06
MODEL ANGLE OF ATTACK(DEG) = -14.22
FIN ANGLE(DEG) = 0.23
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 540.

SCANIVALUE	CP(REF)
147	-0.0432
247	-0.0442
347	-0.0432
447	-0.0442
547	-0.0422
647	-0.0442
747	-0.0432

ORF	CP	ORF	CP	ORF	CP
1	0.4478	52	-0.0882	102	-0.5142
2	0.2348	53	-0.3752	103	-0.8662
3	0.2688	54	-0.3852	104	-0.8362
4	0.2888	55	0.4808	105	-0.5672
5	0.2838	56	0.4088	110	-0.1122
6	0.2688	57	0.3478	111	-0.1302
7	0.2478	58	0.2828	112	-0.1182
8	0.2338	59	0.2258	113	-0.1462
9	0.2078	60	0.1598	114	0.0568
10	0.1768	61	0.0818	115	0.0588
11	0.1358	62	-0.0062	116	0.0578
12	0.0868	63	-0.1452	117	0.0578
13	0.0108	64	-0.4332	118	0.0558
14	-0.2482	65	-0.4862	119	0.0568
15	-0.3512	66	0.4428	120	0.0588
16	0.4598	67	0.3668	121	0.0578
17	0.4128	68	0.2948	122	0.0578
18	0.3838	69	0.2288	123	0.0558
19	0.3538	70	0.1508	124	-0.1062
20	0.3188	71	0.0678	125	-0.1462
21	0.2938	72	-0.0402	126	-0.1282
22	0.2568	73	-0.2052	127	-0.1302
23	0.2188	74	-0.4282	128	-0.2172
24	0.1798	75	0.4038	129	-0.0582
25	0.1348	76	0.3108	135	-0.0762
26	0.0758	77	0.2208	136	-0.0862
27	-0.0222	78	0.1328	137	-0.0752
28	-0.2432	79	0.0338	138	0.0408
29	-0.3782	80	-0.0862	139	0.0358
30	0.4968	81	-0.2862	140	0.0478
32	0.3988	82	-0.4112	141	0.1258
33	0.3558	83	0.3268	142	0.0468
34	0.3128	84	0.2428	143	0.0908
35	0.2718	85	0.1358	145	-0.0902
36	0.2288	86	0.0218	147	0.0438
37	0.1838	87	-0.0952	151	0.0638
38	0.1298	88	-0.2532	152	-0.1372
39	0.0648	89	-0.4112	153	-0.1752
40	-0.0322	90	0.2128	154	-0.2772
41	-0.2252	91	0.0348	155	0.2078
42	-0.3802	92	-0.0712	156	0.1948
43	0.5058	93	-0.1582	157	-0.0302
44	0.4398	94	-0.2652	158	0.5888
45	0.3788	95	-0.3972	159	0.3088
46	0.3298	96	-1.1242	160	0.2528
47	0.2758	97	-0.7602	161	0.0748
48	0.2268	98	-0.9602	162	0.4808
49	0.1678	99	-0.7132	163	0.3318
50	0.1098	100	-0.5902	164	0.0358
51	0.0228	101	-0.5822	165	-0.0112

ORF	CP
166	0.3518
167	0.2448
168	0.1558
169	-0.0222
170	0.2828
171	0.0518
172	-0.1182
173	0.0728
174	-0.0552
175	-0.2552
176	-0.3202
177	-0.1922
178	-0.3542
179	-0.1752
180	-0.2572
181	0.4428
182	0.6148
183	0.2938
184	0.3958
185	0.4798
186	0.6338
187	0.8198
188	1.0148
189	1.0878
190	0.0708
191	-0.1952
192	-0.2472
193	-0.2482
194	-0.2362
195	-0.2432
196	-0.2622
197	-0.2472
198	-0.2422
199	-0.2512
200	-0.2272
201	-0.2412
202	-0.2482
203	-0.2472
204	-0.2442
205	-0.0992
206	-0.1292
207	-0.0932
208	-0.0502
210	0.4258
211	-0.1142
212	-0.2492
213	-1.2502
214	-1.1332
215	-1.1132
216	-0.9982

ORF	CP
217	-0.6492
218	-0.4052
219	-0.1892
220	-0.1242
221	-0.2202
222	-0.0642
223	0.2578
224	0.2748
225	0.0418
226	-0.1822
227	-1.0472
228	-1.0302
229	-1.0212
230	-0.9492
231	-0.6482
232	-0.4122
233	-0.1872
234	-0.1232
235	-0.1442
236	0.0158
237	0.1628
238	0.1678
239	0.1298
240	-0.0172
241	-0.8952
242	-0.8702
244	-0.5942
245	-0.2522
246	-0.1272
247	-0.0472
248	-0.0322
249	-0.1232
250	-0.0632
251	-0.0012
252	0.0178
253	0.4378
254	0.1888
255	-0.5862
256	-0.5432
257	-0.4822
258	-0.2032
259	0.0118
260	0.0658
261	0.0668
262	0.0188
263	-0.2772
264	-0.1682
265	0.0178
266	0.1398
267	-0.3252

ORF	CP
268	-0.2572
269	0.0108
270	0.1348
271	-0.5382
272	-0.3752
273	-0.0112
274	-0.0502
275	0.0368
276	0.6388
277	0.4418
278	-0.3822
279	-0.2192
280	0.0178
281	0.2448
282	0.2868
283	0.2548
284	0.1978
285	0.0478
286	-0.5782
287	-0.3592
288	-0.0862
289	-0.1082
290	0.1368
291	-0.5862
292	-0.3882
325	0.0568
326	0.0548
327	0.0548
328	0.0578
329	0.0548
330	0.0548
331	0.0548
332	0.0548
333	0.0578
334	0.0548
335	0.0548
336	0.0538
337	0.0558
338	0.0538
339	0.0528
340	0.0578
341	0.0538
350	0.0598
351	0.0588
352	0.0598
353	0.0568
354	0.0578
355	0.0578

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 728
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 32.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.702
TUNNEL DYNAMIC PRESSURE(PSF) = 543.
TUNNEL STAGNATION PRESSURE(PSF) = 2188.
TUNNEL STATIC PRESSURE(PSF) = 1574.
REYNOLDS NUMBER PER FOOT = 3.9740E 06
MODEL ANGLE OF ATTACK(DEG) = -12.08
FIN ANGLE(DEG) = 0.18
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 540.

SCANIVALUE	CP(REF)
147	-0.0297
247	-0.0317
347	-0.0317
447	-0.0307
547	-0.0177
647	-0.0167
747	-0.0177

ORF	CP	ORF	CP	ORF	CP
1	0.3813	52	-0.0957	102	-0.4457
2	0.1903	53	-0.3687	103	-0.7797
3	0.2073	54	-0.3617	104	-0.7497
4	0.2263	55	0.4663	105	-0.5027
5	0.2243	56	0.3873	110	-0.0797
6	0.2223	57	0.3243	111	-0.0977
7	0.2063	58	0.2613	112	-0.0737
8	0.1923	59	0.2013	113	-0.0977
9	0.1703	60	0.1423	114	0.0813
10	0.1393	61	0.0683	115	0.0793
11	0.1113	62	-0.0157	116	0.0803
12	0.0663	63	-0.1497	117	0.0823
13	-0.0047	64	-0.4227	118	0.0823
14	-0.2447	65	-0.4637	119	0.0823
15	-0.3267	66	0.4263	120	0.0823
16	0.4073	67	0.3473	121	0.0823
17	0.3573	68	0.2713	122	0.0823
18	0.3293	69	0.2043	123	0.0813
19	0.2993	70	0.1353	124	-0.0657
20	0.2763	71	0.0543	125	-0.1077
21	0.2483	72	-0.0447	126	-0.0837
22	0.2243	73	-0.2057	127	-0.0947
23	0.1893	74	-0.4197	128	-0.1697
24	0.1553	75	0.3923	129	-0.0497
25	0.1153	76	0.2933	135	-0.0327
26	0.0573	77	0.2103	136	-0.0447
27	-0.0337	78	0.1213	137	-0.0287
28	-0.2387	79	0.0263	138	0.0753
29	-0.3457	80	-0.0887	139	0.0683
30	0.4613	81	-0.2787	140	0.0803
32	0.3543	82	-0.3877	141	0.1423
33	0.3113	83	0.3123	142	0.0803
34	0.2743	84	0.2283	143	0.1103
35	0.2413	85	0.1173	145	-0.0437
36	0.2043	86	0.0133	147	0.0773
37	0.1633	87	-0.0937	151	0.0603
38	0.1163	88	-0.2397	152	-0.1167
39	0.0473	89	-0.3787	153	-0.1767
40	-0.0427	90	0.2043	154	-0.2677
41	-0.2127	91	0.0333	155	0.2533
42	-0.3487	92	-0.0627	156	0.1943
43	0.4693	93	-0.1407	157	-0.0247
44	0.4063	94	-0.2417	158	0.5863
45	0.3443	95	-0.3547	159	0.3333
46	0.2963	96	-1.0497	160	0.2673
47	0.2493	97	-0.6577	161	0.0933
48	0.2033	98	-1.0067	162	0.4833
49	0.1463	99	-0.6887	163	0.3513
50	0.0913	100	-0.4907	164	0.0703
51	0.0103	101	-0.5137	165	0.0233

ORF	CP	ORF	CP	ORF	CP
166	0.3603	217	-0.5917	268	-0.1987
167	0.2673	218	-0.3567	269	0.0513
168	0.1843	219	-0.1627	270	0.1573
169	0.0073	220	-0.0977	271	-0.4627
170	0.3203	221	-0.1957	272	-0.3037
171	0.0753	222	-0.0917	273	0.0263
172	-0.0987	223	0.2733	274	-0.0187
173	0.0923	224	0.2883	275	0.1153
174	-0.0237	225	0.1083	276	0.5283
175	-0.2317	226	-0.1087	277	0.3973
176	-0.2877	227	-0.9247	278	-0.3307
177	-0.1857	228	-0.9237	279	-0.1377
178	-0.3347	229	-0.9207	280	0.0463
179	-0.1397	230	-0.8737	281	0.1973
180	-0.2337	231	-0.5837	282	0.2393
181	0.4173	232	-0.3427	283	0.2213
182	0.5883	233	-0.1447	284	0.1833
183	0.2963	234	-0.0977	285	0.0463
184	0.4033	235	-0.1257	286	-0.4897
185	0.5043	236	0.0343	287	-0.2577
186	0.6783	237	0.1893	288	-0.0387
187	0.8863	238	0.1993	289	-0.0567
188	1.0523	239	0.2023	290	0.1523
189	1.1103	240	0.0423	291	-0.5077
190	0.1373	241	-0.8937	292	-0.2687
191	-0.1717	242	-0.8627	325	0.0683
192	-0.2287	244	-0.5597	326	0.0723
193	-0.2307	245	-0.2257	327	0.0673
194	-0.2087	246	-0.1077	328	0.0683
195	-0.2207	247	-0.0277	329	0.0673
196	-0.2307	248	-0.0097	330	0.0683
197	-0.2217	249	-0.0977	331	0.0733
198	-0.2307	250	-0.0387	332	0.0673
199	-0.2267	251	0.0293	333	0.0693
200	-0.2127	252	0.0483	334	0.0673
201	-0.2127	253	0.4163	335	0.0683
202	-0.2187	254	0.2013	336	0.0683
203	-0.2227	255	-0.5827	337	0.0693
204	-0.2157	256	-0.5607	338	0.0723
205	-0.0187	257	-0.5167	339	0.0683
206	-0.0647	258	-0.2387	340	0.0683
207	-0.0267	259	0.0223	341	0.0693
208	0.0243	260	0.0763	350	0.0843
210	0.4543	261	0.0813	351	0.0823
211	0.0323	262	0.0333	352	0.0833
212	-0.1487	263	-0.2287	353	0.0843
213	-1.1277	264	-0.1287	354	0.0823
214	-1.0377	265	0.0503	355	0.0833
215	-1.0107	266	0.1583		
216	-0.9067	267	-0.2917		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 729
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 32.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.701
TUNNEL DYNAMIC PRESSURE(PSF) = 542.
TUNNEL STAGNATION PRESSURE(PSF) = 2188.
TUNNEL STATIC PRESSURE(PSF) = 1576.
REYNOLDS NUMBER PER FOOT = 3.9690E 06
MODEL ANGLE OF ATTACK(DEG) = -8.10
FIN ANGLE(DEG) = 0.33
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 540.

SCANIVALUE	CP(REF)
147	-0.0347
247	-0.0367
347	-0.0357
447	-0.0357
547	-0.0187
647	-0.0187
747	-0.0187

ORF	CP	ORF	CP	ORF	CP
1	0.2343	52	-0.1437	102	-0.4117
2	0.0673	53	-0.4077	103	-0.7017
3	0.0703	54	-0.3767	104	-0.6077
4	0.0913	55	0.3633	105	-0.4577
5	0.1043	56	0.2823	110	-0.0727
6	0.0963	57	0.2193	111	-0.0817
7	0.0923	58	0.1703	112	-0.0547
8	0.0853	59	0.1273	113	-0.0697
9	0.0753	60	0.0753	114	0.0753
10	0.0513	61	0.0093	115	0.0743
11	0.0303	62	-0.0697	116	0.0733
12	-0.0117	63	-0.1917	117	0.0743
13	-0.0727	64	-0.4487	118	0.0753
14	-0.2837	65	-0.4557	119	0.0753
15	-0.3457	66	0.3393	120	0.0753
16	0.2683	67	0.2543	121	0.0733
17	0.2163	68	0.1873	122	0.0763
18	0.1943	69	0.1243	123	0.0743
19	0.1773	70	0.0663	124	-0.0387
20	0.1553	71	-0.0017	125	-0.0787
21	0.1373	72	-0.0927	126	-0.0577
22	0.1173	73	-0.2427	127	-0.0647
23	0.0963	74	-0.4257	128	-0.1177
24	0.0653	75	0.3173	129	-0.0657
25	0.0343	76	0.2153	135	-0.0047
26	-0.0177	77	0.1293	136	-0.0167
27	-0.0917	78	0.0533	137	-0.0027
28	-0.2797	79	-0.0287	138	0.0873
29	-0.3627	80	-0.1197	139	0.0863
30	0.3433	81	-0.3017	140	0.0903
32	0.2383	82	-0.3737	141	0.1213
33	0.2053	83	0.2553	142	0.1023
34	0.1753	84	0.1633	143	0.1113
35	0.1443	85	0.0573	145	-0.0187
36	0.1143	86	-0.0367	147	0.0993
37	0.0813	87	-0.1197	151	0.0363
38	0.0393	88	-0.2447	152	-0.1207
39	-0.0137	89	-0.3477	153	-0.1917
40	-0.0967	90	0.1523	154	-0.2647
41	-0.2657	91	-0.0087	155	0.2783
42	-0.3687	92	-0.0847	156	0.1693
43	0.3663	93	-0.1527	157	-0.0387
44	0.2933	94	-0.2207	158	0.5223
45	0.2403	95	-0.2957	159	0.3193
46	0.2043	96	-0.7787	160	0.2593
47	0.1683	97	-0.5957	161	0.0923
48	0.1263	98	-1.0197	162	0.4533
49	0.0703	99	-0.8137	163	0.3473
50	0.0253	100	-0.4057	164	0.0873
51	-0.0457	101	-0.4937	165	0.0143

ORF	CP
166	0.3483
167	0.2993
168	0.2213
169	0.0363
170	0.3483
171	0.1033
172	-0.0837
173	0.0943
174	-0.0117
175	-0.2367
176	-0.2737
177	-0.1877
178	-0.3197
179	-0.1397
180	-0.2207
181	0.3593
182	0.5243
183	0.3153
184	0.4473
185	0.5673
186	0.7743
187	0.9903
188	1.1113
189	1.1333
190	0.1223
191	-0.1777
192	-0.2107
193	-0.2207
194	-0.2027
195	-0.2087
196	-0.2187
197	-0.2107
198	-0.2137
199	-0.2117
200	-0.2037
201	-0.1997
202	-0.2007
203	-0.1937
204	-0.2007
205	0.0703
206	0.0623
207	0.0713
208	0.1103
210	0.4393
211	0.1463
212	-0.0497
213	-1.0267
214	-0.9407
215	-0.9197
216	-0.8027

ORF	CP
217	-0.4857
218	-0.2837
219	-0.1317
220	-0.1057
221	-0.1717
222	-0.1677
223	0.2393
224	0.2733
225	0.1763
226	-0.0447
227	-0.8317
228	-0.8357
229	-0.8267
230	-0.7887
231	-0.4937
232	-0.2557
233	-0.1197
234	-0.0907
235	-0.1417
236	0.0073
237	0.1853
238	0.1853
239	0.2363
240	0.0723
241	-0.8917
242	-0.8297
244	-0.4527
245	-0.1887
246	-0.0977
247	-0.0467
248	-0.0337
249	-0.1227
250	-0.0497
251	0.0173
252	0.0323
253	0.3343
254	0.1243
255	-0.6357
256	-0.5857
257	-0.5157
258	-0.2417
259	-0.0217
260	0.0223
261	0.0253
262	-0.0127
263	-0.2457
264	-0.1267
265	0.0343
266	0.1223
267	-0.2967

ORF	CP
268	-0.1977
269	0.0383
270	0.1133
271	-0.4327
272	-0.3037
273	0.0253
274	-0.0187
275	0.1633
276	0.3423
277	0.2493
278	-0.3587
279	-0.1577
280	-0.0297
281	0.0713
282	0.1153
283	0.1073
284	0.0853
285	-0.0167
286	-0.4717
287	-0.3007
288	-0.0207
289	-0.0307
290	0.1183
291	-0.5157
292	-0.2267
325	0.0583
326	0.0573
327	0.0563
328	0.0593
329	0.0563
330	0.0573
331	0.0573
332	0.0553
333	0.0583
334	0.0563
335	0.0553
336	0.0583
337	0.0573
338	0.0573
339	0.0563
340	0.0583
341	0.0553
350	0.0753
351	0.0733
352	0.0743
353	0.0753
354	0.0713
355	0.0753

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 730
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 32.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.697
TUNNEL DYNAMIC PRESSURE(PSF) = 537.
TUNNEL STAGNATION PRESSURE(PSF) = 2186.
TUNNEL STATIC PRESSURE(PSF) = 1581.
REYNOLDS NUMBER PER FOOT = 3.9480E 06
MODEL ANGLE OF ATTACK(DEG) = -6.02
FIN ANGLE(DEG) = 0.56
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 540.

SCANIVALUE	CP(REF)
147	-0.0431
247	-0.0451
347	-0.0431
447	-0.0431
547	-0.0231
647	-0.0241
747	-0.0231

ORF	CP	ORF	CP	ORF	CP
1	0.1449	52	-0.1691	102	-0.3991
2	-0.0061	53	-0.4191	103	-0.6211
3	0.0059	54	-0.3701	104	-0.5571
4	0.0269	55	0.3149	105	-0.4271
5	0.0409	56	0.2319	110	-0.0481
6	0.0449	57	0.1849	111	-0.0601
7	0.0479	58	0.1429	112	-0.0301
8	0.0379	59	0.0989	113	-0.0421
9	0.0269	60	0.0439	114	0.0759
10	0.0079	61	-0.0161	115	0.0739
11	-0.0081	62	-0.0911	116	0.0739
12	-0.0391	63	-0.2121	117	0.0749
13	-0.0981	64	-0.4541	118	0.0729
14	-0.2871	65	-0.4411	119	0.0749
15	-0.3431	66	0.2919	120	0.0789
16	0.1969	67	0.2079	121	0.0799
17	0.1539	68	0.1449	122	0.0769
18	0.1329	69	0.0919	123	0.0779
19	0.1139	70	0.0409	124	-0.0101
20	0.0989	71	-0.0241	125	-0.0451
21	0.0889	72	-0.1081	126	-0.0201
22	0.0729	73	-0.2511	127	-0.0351
23	0.0539	74	-0.3951	128	-0.1101
24	0.0269	75	0.2699	129	-0.0571
25	0.0019	76	0.1769	135	0.0169
26	-0.0401	77	0.0949	136	0.0069
27	-0.1131	78	0.0289	137	0.0119
28	-0.2871	79	-0.0401	138	0.1119
29	-0.3551	80	-0.1331	139	0.1089
30	0.2769	81	-0.2991	140	0.1099
32	0.1879	82	-0.3441	141	0.1329
33	0.1579	83	0.2049	142	0.1229
34	0.1319	84	0.1189	143	0.1289
35	0.1039	85	0.0199	145	0.0079
36	0.0799	86	-0.0591	147	0.1229
37	0.0519	87	-0.1371	151	0.0439
38	0.0109	88	-0.2561	152	-0.1211
39	-0.0321	89	-0.3201	153	-0.1831
40	-0.1111	90	0.1119	154	-0.2471
41	-0.2741	91	-0.0371	155	0.2519
42	-0.3581	92	-0.1041	156	0.1499
43	0.3039	93	-0.1671	157	-0.0431
44	0.2369	94	-0.2381	158	0.4879
45	0.1909	95	-0.2831	159	0.3119
46	0.1539	96	-0.5911	160	0.2509
47	0.1179	97	-0.5571	161	0.0929
48	0.0819	98	-0.7621	162	0.4209
49	0.0399	99	-0.7381	163	0.3449
50	-0.0081	100	-0.4431	164	0.1149
51	-0.0731	101	-0.4741	165	0.0269

ORF	CP	ORF	CP	ORF	CP
166	0.3229	217	-0.3231	268	-0.1731
167	0.3139	218	-0.1801	269	0.0369
168	0.2459	219	-0.1021	270	0.0979
169	0.0629	220	-0.0851	271	-0.4041
170	0.3519	221	-0.1471	272	-0.2571
171	0.1169	222	-0.1791	273	0.0139
172	-0.0671	223	0.2349	274	-0.0301
173	0.1019	224	0.2649	275	0.2159
174	-0.0041	225	0.2139	276	0.2789
175	-0.2151	226	-0.0131	277	0.1639
176	-0.2461	227	-0.8131	278	-0.3701
177	-0.1891	228	-0.8121	279	-0.2611
178	-0.3211	229	-0.8011	280	-0.1111
179	-0.1601	230	-0.7071	281	0.0149
180	-0.2041	231	-0.3281	282	0.0579
181	0.3419	232	-0.1531	283	0.0599
182	0.4819	233	-0.0901	284	0.0499
183	0.3479	234	-0.0631	285	-0.0491
184	0.4849	235	-0.1341	286	-0.4531
185	0.6019	236	-0.0001	287	-0.2881
186	0.7739	237	0.1919	288	-0.0291
187	0.9659	238	0.1939	289	-0.0331
188	1.0749	239	0.2539	290	0.1049
189	1.1169	240	0.0839	291	-0.4261
190	0.1409	241	-0.8511	292	-0.2001
191	-0.1651	242	-0.7791	325	0.0649
192	-0.1961	244	-0.3961	326	0.0659
193	-0.1931	245	-0.1741	327	0.0649
194	-0.1751	246	-0.1011	328	0.0679
195	-0.1831	247	-0.0491	329	0.0659
196	-0.1951	248	-0.0421	330	0.0639
197	-0.1831	249	-0.1301	331	0.0639
198	-0.1801	250	-0.0601	332	0.0629
199	-0.1801	251	0.0069	333	0.0669
200	-0.1791	252	0.0269	334	0.0649
201	-0.1711	253	0.2919	335	0.0629
202	-0.1751	254	0.1159	336	0.0639
203	-0.1731	255	-0.6431	337	0.0649
204	-0.1761	256	-0.5671	338	0.0649
205	0.1299	257	-0.4591	339	0.0649
206	0.1369	258	-0.1931	340	0.0669
207	0.1469	259	-0.0131	341	0.0659
208	0.1599	260	0.0209	350	0.0719
210	0.4219	261	0.0139	351	0.0759
211	0.1869	262	-0.0221	352	0.0749
212	-0.0251	263	-0.2231	353	0.0729
213	-1.0151	264	-0.1071	354	0.0719
214	-0.9271	265	0.0369	355	0.0709
215	-0.8711	266	0.1079		
216	-0.6741	267	-0.2801		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 731
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 32.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.702
TUNNEL DYNAMIC PRESSURE(PSF) = 543.
TUNNEL STAGNATION PRESSURE(PSF) = 2187.
TUNNEL STATIC PRESSURE(PSF) = 1574.
REYNOLDS NUMBER PER FOOT = 3.9710E 06
MODEL ANGLE OF ATTACK(DEG) = -3.99
FIN ANGLE(DEG) = 0.40
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 540.

SCANIVALUE	CP(REF)
147	-0.0327
247	-0.0337
347	-0.0327
447	-0.0317
547	-0.0237
647	-0.0237
747	-0.0237

ORF	CP	ORF	CP	ORF	CP
1	0.0733	52	-0.1987	102	-0.4077
2	-0.1017	53	-0.4517	103	-0.6307
3	-0.0727	54	-0.3927	104	-0.5787
4	-0.0247	55	0.2343	105	-0.4507
5	-0.0087	56	0.1683	110	-0.0707
6	-0.0077	57	0.1273	111	-0.0887
7	0.0013	58	0.0823	112	-0.0487
8	-0.0067	59	0.0413	113	-0.0647
9	-0.0157	60	-0.0067	114	0.0643
10	-0.0297	61	-0.0597	115	0.0623
11	-0.0487	62	-0.1287	116	0.0623
12	-0.0767	63	-0.2447	117	0.0653
13	-0.1287	64	-0.4877	118	0.0643
14	-0.3077	65	-0.4647	119	0.0643
15	-0.3617	66	0.2163	120	0.0173
16	0.0953	67	0.1403	121	0.0633
17	0.0643	68	0.0873	122	0.0623
18	0.0533	69	0.0343	123	0.0613
19	0.0443	70	-0.0197	124	-0.0257
20	0.0353	71	-0.0727	125	-0.0607
21	0.0233	72	-0.1517	126	-0.0407
22	0.0153	73	-0.2897	127	-0.0517
23	-0.0027	74	-0.4287	128	-0.1007
24	-0.0267	75	0.1973	129	-0.0717
25	-0.0477	76	0.1113	135	0.0093
26	-0.0867	77	0.0443	136	0.0013
27	-0.1557	78	-0.0167	137	0.0133
28	-0.3137	79	-0.0887	138	0.0903
29	-0.3777	80	-0.1787	139	0.0933
30	0.1793	81	-0.3557	140	0.0963
32	0.1083	82	-0.3917	141	0.1113
33	0.0803	83	0.1533	142	0.1073
34	0.0623	84	0.0653	143	0.1033
35	0.0393	85	-0.0167	145	0.0003
36	0.0203	86	-0.0837	147	0.1023
37	-0.0097	87	-0.1637	151	0.0113
38	-0.0387	88	-0.2877	152	-0.1287
39	-0.0857	89	-0.3537	153	-0.2037
40	-0.1557	90	0.0503	154	-0.2377
41	-0.3067	91	-0.0757	155	0.2383
42	-0.3807	92	-0.1307	156	0.1193
43	0.2273	93	-0.1907	157	-0.0547
44	0.1723	94	-0.2607	158	0.4453
45	0.1323	95	-0.3187	159	0.2743
46	0.1053	96	-0.4807	160	0.2253
47	0.0653	97	-0.5587	161	0.0803
48	0.0303	98	-0.2497	162	0.3593
49	-0.0047	99	-0.4367	163	0.3063
50	-0.0487	100	-0.3317	164	0.0913
51	-0.1067	101	-0.4877	165	0.0083

ORF	CP	ORF	CP	ORF	CP
166	0.2993	217	-0.2547	268	-0.1887
167	0.2783	218	-0.1617	269	0.0073
168	0.2123	219	-0.1107	270	0.0703
169	0.0453	220	-0.1127	271	-0.4397
170	0.3583	221	-0.1747	272	-0.2547
171	0.1373	222	-0.2067	273	0.0003
172	-0.0627	223	0.1673	274	-0.0467
173	0.1073	224	0.2333	275	0.2533
174	-0.0077	225	0.2533	276	0.2313
175	-0.1887	226	0.0253	277	0.1003
176	-0.2497	227	-0.8167	278	-0.5187
177	-0.2107	228	-0.8217	279	-0.4377
178	-0.3287	229	-0.7877	280	-0.2727
179	-0.1637	230	-0.6207	281	-0.0727
180	-0.2097	231	-0.2687	282	-0.0027
181	0.3053	232	-0.1287	283	0.0033
182	0.4533	233	-0.0927	284	-0.0107
183	0.4253	234	-0.0807	285	-0.0937
184	0.5953	235	-0.1657	286	-0.4527
185	0.6583	236	-0.0387	287	-0.3057
186	0.7863	237	0.1683	288	-0.0487
187	0.9443	238	0.1523	289	-0.0447
188	1.0373	239	0.2403	290	0.0633
189	1.0803	240	0.0833	291	-0.3897
190	0.1673	241	-0.8117	292	-0.1657
191	-0.1677	242	-0.7507	325	0.0543
192	-0.1887	244	-0.3537	326	0.0533
193	-0.1957	245	-0.1627	327	0.0533
194	-0.1897	246	-0.1027	328	0.0543
195	-0.1757	247	-0.0667	329	0.0533
196	-0.1917	248	-0.0547	330	0.0513
197	-0.1857	249	-0.1417	331	0.0513
198	-0.1867	250	-0.0717	332	0.0513
199	-0.1877	251	0.0063	333	0.0543
200	-0.1847	252	0.0223	334	0.0523
201	-0.1757	253	0.2043	335	0.0503
202	-0.1807	254	0.0273	336	0.0533
203	-0.1797	255	-0.6287	337	0.0543
204	-0.1717	256	-0.5347	338	0.0533
205	0.1373	257	-0.4307	339	0.0543
206	0.1543	258	-0.1967	340	0.0553
207	0.1563	259	-0.0827	341	0.0543
208	0.1583	260	-0.0497	350	0.0623
210	0.3633	261	-0.0487	351	0.0623
211	0.2013	262	-0.0727	352	0.0633
212	-0.0237	263	-0.2547	353	0.0643
213	-1.0267	264	-0.1317	354	0.0643
214	-0.9017	265	0.0043	355	0.0643
215	-0.8377	266	0.0733		
216	-0.5357	267	-0.2927		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 732
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 32.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.701
TUNNEL DYNAMIC PRESSURE(PSF) = 542.
TUNNEL STAGNATION PRESSURE(PSF) = 2188.
TUNNEL STATIC PRESSURE(PSF) = 1576.
REYNOLDS NUMBER PER FOOT = 3.9680E 06
MODEL ANGLE OF ATTACK(DEG) = -1.91
FIN ANGLE(DEG) = 0.26
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 540.

SCANIVALUE	CP(REF)
147	-0.0357
247	-0.0377
347	-0.0357
447	-0.0357
547	-0.0297
647	-0.0307
747	-0.0307

ORF	CP	ORF	CP	ORF	CP
1	-0.0107	52	-0.2317	102	-0.4217
2	-0.2337	53	-0.4797	103	-0.6227
3	-0.2087	54	-0.4097	104	-0.5687
4	-0.1087	55	0.1293	105	-0.4657
5	-0.0677	56	0.0913	110	-0.0767
6	-0.0557	57	0.0573	111	-0.0857
7	-0.0477	58	0.0183	112	-0.0527
8	-0.0477	59	-0.0217	113	-0.0687
9	-0.0577	60	-0.0547	114	0.0573
10	-0.0687	61	-0.1017	115	0.0563
11	-0.0857	62	-0.1697	116	0.0593
12	-0.1107	63	-0.2767	117	0.0573
13	-0.1627	64	-0.5197	118	0.0583
14	-0.3287	65	-0.4847	119	0.0593
15	-0.3857	66	0.1193	120	0.0613
16	-0.0227	67	0.0593	121	0.0603
17	-0.0347	68	0.0143	122	0.0603
18	-0.0217	69	-0.0257	123	0.0613
19	-0.0237	70	-0.0647	124	-0.0197
20	-0.0187	71	-0.1147	125	-0.0577
21	-0.0297	72	-0.1887	126	-0.0337
22	-0.0387	73	-0.3227	127	-0.0457
23	-0.0457	74	-0.4377	128	-0.1107
24	-0.0597	75	0.0983	129	-0.0697
25	-0.0867	76	0.0483	135	0.0153
26	-0.1297	77	-0.0167	136	0.0033
27	-0.1827	78	-0.0687	137	0.0143
28	-0.3367	79	-0.1307	138	0.0983
29	-0.3977	80	-0.2077	139	0.0913
30	0.0643	81	-0.3857	140	0.0973
32	0.0343	82	-0.4077	141	0.1023
33	0.0163	83	0.0663	142	0.1033
34	0.0013	84	-0.0077	143	0.1043
35	-0.0147	85	-0.0677	145	0.0053
36	-0.0297	86	-0.1267	147	0.1053
37	-0.0557	87	-0.1907	151	-0.0217
38	-0.0877	88	-0.3117	152	-0.1467
39	-0.1227	89	-0.3697	153	-0.2357
40	-0.1907	90	-0.0257	154	-0.2477
41	-0.3407	91	-0.1037	155	0.2243
42	-0.3987	92	-0.1437	156	0.0973
43	0.1203	93	-0.1887	157	-0.0657
44	0.0823	94	-0.2647	158	0.4543
45	0.0493	95	-0.2987	159	0.2733
46	0.0273	96	-0.3927	160	0.2133
47	0.0023	97	-0.5467	161	0.0743
48	-0.0267	98	-0.1087	162	0.3603
49	-0.0597	99	-0.1547	163	0.3003
50	-0.0967	100	-0.3247	164	0.0913
51	-0.1517	101	-0.5077	165	0.0063

ORF	CP	ORF	CP	ORF	CP
166	0.3553	217	-0.1887	268	-0.1647
167	0.3123	218	-0.1197	269	0.0063
168	0.2403	219	-0.0927	270	0.0723
169	0.0553	220	-0.1027	271	-0.4607
170	0.3813	221	-0.1727	272	-0.2067
171	0.1673	222	-0.2267	273	0.0003
172	-0.0507	223	0.1463	274	-0.0517
173	0.0733	224	0.2493	275	0.2813
174	-0.0187	225	0.2433	276	0.2133
175	-0.2117	226	0.0223	277	0.0443
176	-0.2437	227	-0.7867	278	-0.6637
177	-0.2387	228	-0.7667	279	-0.6387
178	-0.3947	229	-0.7327	280	-0.5227
179	-0.2437	230	-0.5107	281	-0.2167
180	-0.2017	231	-0.1777	282	-0.0627
181	0.3443	232	-0.0987	283	-0.0527
182	0.4733	233	-0.0807	284	-0.0487
183	0.4703	234	-0.0807	285	-0.1227
184	0.6463	235	-0.1617	286	-0.4787
185	0.7193	236	-0.0557	287	-0.3057
186	0.8253	237	0.1673	288	-0.0507
187	0.9213	238	0.1303	289	-0.0497
188	1.0003	239	0.2033	290	0.0553
189	1.0283	240	0.0523	291	-0.4577
190	0.2443	241	-0.6887	292	-0.1237
191	-0.1707	242	-0.6497	325	0.0533
192	-0.1857	244	-0.2897	326	0.0513
193	-0.1897	245	-0.1437	327	0.0493
194	-0.1787	246	-0.1027	328	0.0513
195	-0.1727	247	-0.0817	329	0.0523
196	-0.1957	248	-0.0707	330	0.0523
197	-0.1837	249	-0.1527	331	0.0493
198	-0.1777	250	-0.0897	332	0.0473
199	-0.1867	251	-0.0157	333	0.0503
200	-0.1867	252	-0.0037	334	0.0513
201	-0.1677	253	0.1513	335	0.0513
202	-0.1777	254	-0.0107	336	0.0533
203	-0.1747	255	-0.6397	337	0.0543
204	-0.1767	256	-0.5857	338	0.0513
205	0.1623	257	-0.5117	339	0.0493
206	0.1843	258	-0.2717	340	0.0523
207	0.1863	259	-0.1117	341	0.0523
208	0.1843	260	-0.0807	350	0.0603
210	0.3273	261	-0.0747	351	0.0603
211	0.2583	262	-0.0937	352	0.0593
212	0.0373	263	-0.2617	353	0.0603
213	-1.0057	264	-0.1357	354	0.0573
214	-0.8537	265	-0.0047	355	0.0593
215	-0.7667	266	0.0683		
216	-0.4507	267	-0.2997		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 733
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 32.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.700
TUNNEL DYNAMIC PRESSURE(PSF) = 541.
TUNNEL STAGNATION PRESSURE(PSF) = 2188.
TUNNEL STATIC PRESSURE(PSF) = 1577.
REYNOLDS NUMBER PER FOOT = 3.9660E 06
MODEL ANGLE OF ATTACK(DEG) = 0.11
FIN ANGLE(DEG) = 0.21
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 540.

SCANIVALUE	CP(REF)
147	-0.0370
247	-0.0390
347	-0.0370
447	-0.0370
547	-0.0350
647	-0.0360
747	-0.0350

ORF	CP	ORF	CP	ORF	CP
1	-0.0480	52	-0.2640	102	-0.4270
2	-0.3490	53	-0.5050	103	-0.6010
3	-0.3250	54	-0.4250	104	-0.5600
4	-0.1870	55	0.0280	105	-0.4660
5	-0.1290	56	-0.0040	110	-0.0690
6	-0.0950	57	-0.0140	111	-0.0890
7	-0.0880	58	-0.0530	112	-0.0470
8	-0.0810	59	-0.0840	113	-0.0670
9	-0.0810	60	-0.1110	114	0.0380
10	-0.0960	61	-0.1500	115	0.0380
11	-0.1080	62	-0.2100	116	0.0370
12	-0.1330	63	-0.3140	117	0.0400
13	-0.1840	64	-0.5500	118	0.0370
14	-0.3620	65	-0.4930	119	0.0370
15	-0.4070	66	0.0120	120	0.0320
16	-0.1150	67	-0.0140	121	0.0330
17	-0.1240	68	-0.0520	122	0.0370
18	-0.0990	69	-0.0830	123	0.0370
19	-0.0850	70	-0.1200	124	-0.0170
20	-0.0710	71	-0.1650	125	-0.0500
21	-0.0680	72	-0.2310	126	-0.0290
22	-0.0720	73	-0.3570	127	-0.0410
23	-0.0800	74	-0.4560	128	-0.1190
24	-0.0880	75	-0.0040	129	-0.0700
25	-0.1120	76	-0.0470	135	0.0120
26	-0.1570	77	-0.0850	136	0.0090
27	-0.2120	78	-0.1280	137	0.0160
28	-0.3680	79	-0.1750	138	0.0930
29	-0.4190	80	-0.2500	139	0.0920
30	-0.0300	81	-0.4100	140	0.0970
32	-0.0470	82	-0.4210	141	0.1060
33	-0.0430	83	-0.0230	142	0.1090
34	-0.0500	84	-0.0760	143	0.1060
35	-0.0640	85	-0.1220	145	0.0050
36	-0.0710	86	-0.1590	147	0.1050
37	-0.0930	87	-0.2210	151	-0.0040
38	-0.1200	88	-0.3370	152	-0.1560
39	-0.1610	89	-0.3900	153	-0.2080
40	-0.2210	90	-0.0810	154	-0.2450
41	-0.3690	91	-0.1150	155	0.1830
42	-0.4200	92	-0.1440	156	0.1250
43	0.0140	93	-0.1930	157	-0.0560
44	-0.0030	94	-0.2600	158	0.3800
45	-0.0230	95	-0.3010	159	0.2790
46	-0.0360	96	-0.2820	160	0.2000
47	-0.0570	97	-0.5440	161	0.0660
48	-0.0710	98	-0.0320	162	0.3330
49	-0.1070	99	-0.0890	163	0.2940
50	-0.1320	100	-0.3000	164	0.0930
51	-0.1810	101	-0.4950	165	-0.0030

ORF	CP	ORF	CP	ORF	CP
166	0.3890	217	-0.1190	268	-0.1830
167	0.2980	218	-0.0890	269	0.0270
168	0.2270	219	-0.0760	270	0.0840
169	0.0550	220	-0.0930	271	-0.4860
170	0.3650	221	-0.1820	272	-0.2310
171	0.1510	222	-0.2380	273	0.0060
172	-0.0570	223	0.1290	274	-0.0360
173	0.0360	224	0.2220	275	0.2950
174	-0.0410	225	0.1980	276	0.2270
175	-0.2130	226	0.0070	277	0.0340
176	-0.2330	227	-0.7260	278	-0.7770
177	-0.2230	228	-0.6790	279	-0.7560
178	-0.3940	229	-0.5890	280	-0.6540
179	-0.2960	230	-0.3320	281	-0.3680
180	-0.1990	231	-0.1300	282	-0.1270
181	0.3150	232	-0.0910	283	-0.0930
182	0.4500	233	-0.0800	284	-0.0820
183	0.4540	234	-0.0810	285	-0.1480
184	0.6110	235	-0.1690	286	-0.5100
185	0.6740	236	-0.0790	287	-0.3380
186	0.7190	237	0.1420	288	-0.0410
187	0.7660	238	0.0880	289	-0.0220
188	0.8440	239	0.1730	290	0.0880
189	0.8660	240	0.0390	291	-0.5770
190	0.3010	241	-0.6100	292	-0.0970
191	-0.1660	242	-0.5790	325	0.0380
192	-0.1850	244	-0.2570	326	0.0360
193	-0.1830	245	-0.1340	327	0.0360
194	-0.1760	246	-0.1030	328	0.0330
195	-0.1740	247	-0.0940	329	0.0340
196	-0.2010	248	-0.0860	330	0.0350
197	-0.1720	249	-0.1570	331	0.0340
198	-0.1780	250	-0.0940	332	0.0340
199	-0.1760	251	-0.0340	333	0.0320
200	-0.1800	252	-0.0110	334	0.0330
201	-0.1700	253	0.1780	335	0.0330
202	-0.1660	254	-0.0050	336	0.0360
203	-0.1640	255	-0.7240	337	0.0380
204	-0.1670	256	-0.6880	338	0.0360
205	0.1780	257	-0.6410	339	0.0350
206	0.2040	258	-0.4060	340	0.0340
207	0.2070	259	-0.1350	341	0.0340
208	0.2030	260	-0.0930	350	0.0370
210	0.2680	261	-0.0900	351	0.0350
211	0.2340	262	-0.1020	352	0.0350
212	0.0440	263	-0.2800	353	0.0360
213	-0.8740	264	-0.1330	354	0.0340
214	-0.6750	265	0.0170	355	0.0350
215	-0.5380	266	0.0940		
216	-0.2710	267	-0.3340		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 734
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 32.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.698
TUNNEL DYNAMIC PRESSURE(PSF) = 539.
TUNNEL STAGNATION PRESSURE(PSF) = 2189.
TUNNEL STATIC PRESSURE(PSF) = 1581.
REYNOLDS NUMBER PER FOOT = 3.9600E 06
MODEL ANGLE OF ATTACK(DEG) = 2.07
FIN ANGLE(DEG) = 0.18
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 540.

SCANIVALUE	CP(REF)
147	-0.0442
247	-0.0462
347	-0.0452
447	-0.0432
547	-0.0372
647	-0.0372
747	-0.0372

ORF	CP	ORF	CP	ORF	CP
1	-0.1052	52	-0.3032	102	-0.4222
2	-0.4282	53	-0.5382	103	-0.6282
3	-0.4092	54	-0.4432	104	-0.5762
4	-0.2852	55	-0.2012	105	-0.4702
5	-0.2082	56	-0.1042	110	-0.0612
6	-0.1632	57	-0.1082	111	-0.0852
7	-0.1512	58	-0.1272	112	-0.0462
8	-0.1462	59	-0.1462	113	-0.0722
9	-0.1392	60	-0.1722	114	0.0628
10	-0.1392	61	-0.2032	115	0.0618
11	-0.1542	62	-0.2622	116	0.0628
12	-0.1762	63	-0.3512	117	0.0628
13	-0.2202	64	-0.5782	118	0.0638
14	-0.3862	65	-0.5222	119	0.0638
15	-0.4152	66	-0.2842	120	0.0598
16	-0.2302	67	-0.1232	121	0.0608
17	-0.2252	68	-0.1342	122	0.0608
18	-0.1972	69	-0.1542	123	0.0608
19	-0.1692	70	-0.1802	124	-0.0142
20	-0.1432	71	-0.2212	125	-0.0432
21	-0.1382	72	-0.2792	126	-0.0252
22	-0.1312	73	-0.4052	127	-0.0342
23	-0.1302	74	-0.4812	128	-0.0722
24	-0.1452	75	-0.2912	129	-0.0522
25	-0.1592	76	-0.1302	135	0.0188
26	-0.1952	77	-0.1602	136	0.0148
27	-0.2542	78	-0.1862	137	0.0178
28	-0.3922	79	-0.2162	138	0.0968
29	-0.4342	80	-0.2822	139	0.0948
30	-0.1742	81	-0.4422	140	0.1028
32	-0.1372	82	-0.4402	141	0.1098
33	-0.1262	83	-0.2532	142	0.1118
34	-0.1292	84	-0.1622	143	0.1088
35	-0.1272	85	-0.1682	145	0.0138
36	-0.1252	86	-0.2022	147	0.1098
37	-0.1452	87	-0.2482	151	0.0028
38	-0.1692	88	-0.3602	152	-0.1622
39	-0.2002	89	-0.3972	153	-0.1822
40	-0.2682	90	-0.2822	154	-0.2442
41	-0.3962	91	-0.1622	155	0.1438
42	-0.4332	92	-0.1782	156	0.0868
43	-0.1652	93	-0.2172	157	-0.0752
44	-0.1092	94	-0.2932	158	0.2928
45	-0.1132	95	-0.3292	159	0.2078
46	-0.1172	96	-0.1692	160	0.1398
47	-0.1212	97	-0.5012	161	0.0158
48	-0.1352	98	0.0388	162	0.2718
49	-0.1582	99	-0.0362	163	0.2138
50	-0.1872	100	-0.3332	164	0.0958
51	-0.2352	101	-0.5012	165	-0.0342

ORF	CP	ORF	CP	ORF	CP
166	0.3618	217	-0.0832	268	-0.1772
167	0.2238	218	-0.0682	269	0.0198
168	0.1688	219	-0.0732	270	0.0688
169	0.0318	220	-0.0912	271	-0.4522
170	0.3298	221	-0.1892	272	-0.2012
171	0.0818	222	-0.2242	273	0.0018
172	-0.0842	223	0.1448	274	-0.0592
173	0.0038	224	0.2018	275	0.2768
174	-0.0672	225	0.1358	276	0.1988
175	-0.2022	226	-0.0302	277	-0.0082
176	-0.2262	227	-0.6322	278	-0.8622
177	-0.2142	228	-0.5582	279	-0.8442
178	-0.3612	229	-0.4692	280	-0.7422
179	-0.2672	230	-0.2502	281	-0.4542
180	-0.1972	231	-0.1132	282	-0.1982
181	0.2518	232	-0.0932	283	-0.1492
182	0.3898	233	-0.0802	284	-0.1272
183	0.3938	234	-0.0852	285	-0.1792
184	0.5218	235	-0.1602	286	-0.4802
185	0.5378	236	-0.0752	287	-0.3032
186	0.5478	237	0.1048	288	-0.0552
187	0.5648	238	0.0548	289	-0.0232
188	0.6088	239	0.1668	290	0.0868
189	0.6508	240	0.0238	291	-0.6972
190	0.3208	241	-0.6732	292	-0.0812
191	-0.1772	242	-0.6302	325	0.0498
192	-0.1842	244	-0.2802	326	0.0518
193	-0.1852	245	-0.1532	327	0.0518
194	-0.1752	246	-0.1222	328	0.0518
195	-0.1722	247	-0.0982	329	0.0528
196	-0.1952	248	-0.0922	330	0.0518
197	-0.1852	249	-0.1532	331	0.0508
198	-0.1802	250	-0.0882	332	0.0518
199	-0.1832	251	-0.0312	333	0.0508
200	-0.1752	252	0.0068	334	0.0518
201	-0.1622	253	0.2048	335	0.0508
202	-0.1652	254	0.0078	336	0.0538
203	-0.1712	255	-0.8012	337	0.0508
204	-0.1762	256	-0.7762	338	0.0518
205	0.1928	257	-0.7272	339	0.0528
206	0.2308	258	-0.4942	340	0.0518
207	0.2218	259	-0.1862	341	0.0538
208	0.2198	260	-0.1282	350	0.0628
210	0.2298	261	-0.1152	351	0.0618
211	0.1898	262	-0.1172	352	0.0608
212	0.0418	263	-0.2942	353	0.0598
213	-0.7462	264	-0.1332	354	0.0608
214	-0.5222	265	0.0208	355	0.0628
215	-0.4032	266	0.0848		
216	-0.1742	267	-0.3492		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 735
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 32.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.695
TUNNEL DYNAMIC PRESSURE(PSF) = 536.
TUNNEL STAGNATION PRESSURE(PSF) = 2189.
TUNNEL STATIC PRESSURE(PSF) = 1585.
REYNOLDS NUMBER PER FOOT = 3.9500E 06
MODEL ANGLE OF ATTACK(DEG) = 4.03
FIN ANGLE(DEG) = 0.17
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 540.

SCANIVALUE	CP(REF)
147	-0.0511
247	-0.0541
347	-0.0521
447	-0.0531
547	-0.0851
647	-0.0871
747	-0.0871

ORF	CP	ORF	CP	ORF	CP
1	-0.2631	52	-0.3301	102	-0.4121
2	-0.5301	53	-0.5521	103	-0.6291
3	-0.4681	54	-0.4371	104	-0.5731
4	-0.3411	55	-0.6581	105	-0.4591
5	-0.2761	56	-0.6211	110	-0.1351
6	-0.2381	57	-0.3751	111	-0.1581
7	-0.2121	58	-0.2121	112	-0.1181
8	-0.2021	59	-0.1731	113	-0.1431
9	-0.1981	60	-0.1941	114	0.0059
10	-0.1941	61	-0.2251	115	0.0049
11	-0.1981	62	-0.2791	116	0.0039
12	-0.2081	63	-0.3731	117	0.0049
13	-0.2501	64	-0.5701	118	0.0039
14	-0.3861	65	-0.5231	119	0.0049
15	-0.4151	66	-0.6331	120	0.0039
16	-0.4701	67	-0.6351	121	0.0049
17	-0.3531	68	-0.4961	122	0.0039
18	-0.2891	69	-0.3281	123	0.0039
19	-0.2621	70	-0.2401	124	-0.0731
20	-0.2291	71	-0.2341	125	-0.1101
21	-0.2091	72	-0.2911	126	-0.0891
22	-0.1981	73	-0.4141	127	-0.0971
23	-0.1961	74	-0.4871	128	-0.1331
24	-0.1981	75	-0.6291	129	-0.1091
25	-0.2111	76	-0.6331	135	-0.0451
26	-0.2411	77	-0.5281	136	-0.0491
27	-0.2941	78	-0.3821	137	-0.0501
28	-0.4051	79	-0.2971	138	0.0389
29	-0.4331	80	-0.3011	139	0.0339
30	-0.7461	81	-0.4131	140	0.0359
32	-0.2011	82	-0.4361	141	0.0519
33	-0.1921	83	-0.5151	142	0.0439
34	-0.1941	84	-0.5911	143	0.0519
35	-0.1981	85	-0.4941	145	-0.0521
36	-0.1951	86	-0.3901	147	0.0429
37	-0.2071	87	-0.3131	151	-0.0011
38	-0.2191	88	-0.3421	152	-0.1671
39	-0.2591	89	-0.3721	153	-0.1761
40	-0.3151	90	-0.4981	154	-0.2121
41	-0.4321	91	-0.4791	155	0.0569
42	-0.4551	92	-0.4681	156	0.0619
43	-0.7341	93	-0.3921	157	-0.0831
44	-0.5471	94	-0.3591	158	0.1939
45	-0.2121	95	-0.3271	159	0.1319
46	-0.1471	96	-0.0481	160	0.0669
47	-0.1481	97	-0.4991	161	-0.0431
48	-0.1661	98	0.0989	162	0.1919
49	-0.1871	99	0.0219	163	0.1349
50	-0.2171	100	-0.3231	164	0.0329
51	-0.2611	101	-0.4901	165	-0.0771

ORF	CP
166	0.2879
167	0.1759
168	0.1399
169	0.0129
170	0.2599
171	0.0689
172	-0.0921
173	-0.0081
174	-0.1031
175	-0.2041
176	-0.2211
177	-0.2001
178	-0.3221
179	-0.2231
180	-0.2131
181	0.1779
182	0.2999
183	0.2859
184	0.3949
185	0.4229
186	0.4389
187	0.4919
188	0.5649
189	0.6379
190	0.3139
191	-0.1841
192	-0.1921
193	-0.1961
194	-0.1851
195	-0.1781
196	-0.2091
197	-0.1941
198	-0.1901
199	-0.1831
200	-0.1871
201	-0.1801
202	-0.1891
203	-0.1811
204	-0.1801
205	0.1149
206	0.1659
207	0.1479
208	0.1419
210	0.0899
211	0.0739
212	-0.0531
213	-0.6451
214	-0.4321
215	-0.3281
216	-0.1761

ORF	CP
217	-0.1371
218	-0.1221
219	-0.1321
220	-0.1551
221	-0.2721
222	-0.2721
223	0.0539
224	0.0889
225	0.0509
226	-0.1031
227	-0.6421
228	-0.5681
229	-0.4671
230	-0.2651
231	-0.1821
232	-0.1591
233	-0.1511
234	-0.1621
235	-0.2261
236	-0.1391
237	0.0159
238	-0.0131
239	0.1029
240	-0.0381
241	-0.8611
242	-0.7931
244	-0.4251
245	-0.2541
246	-0.2091
247	-0.1801
248	-0.1721
249	-0.2311
250	-0.1611
251	-0.0951
252	-0.0661
253	0.0839
254	-0.1191
255	-0.9551
256	-0.8801
257	-0.8271
258	-0.5901
259	-0.3151
260	-0.2591
261	-0.2211
262	-0.2251
263	-0.3631
264	-0.2131
265	-0.0741
266	-0.0231
267	-0.4121

ORF	CP
268	-0.2591
269	-0.0681
270	-0.0301
271	-0.5061
272	-0.3091
273	-0.0701
274	-0.1151
275	0.1709
276	0.0429
277	-0.1571
278	-0.9711
279	-0.9451
280	-0.8481
281	-0.5711
282	-0.3381
283	-0.2831
284	-0.2401
285	-0.2741
286	-0.5181
287	-0.3551
288	-0.0971
289	-0.0701
290	-0.0211
291	-0.8431
292	-0.1211
325	0.0429
326	0.0409
327	0.0389
328	0.0419
329	0.0429
330	0.0419
331	0.0399
332	0.0369
333	0.0409
334	0.0419
335	0.0399
336	0.0429
337	0.0429
338	0.0399
339	0.0389
340	0.0409
341	0.0429
350	0.0049
351	0.0049
352	0.0039
353	0.0019
354	0.0029
355	0.0019

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 736
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 32.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.700
TUNNEL DYNAMIC PRESSURE(PSF) = 542.
TUNNEL STAGNATION PRESSURE(PSF) = 2189.
TUNNEL STATIC PRESSURE(PSF) = 1577.
REYNOLDS NUMBER PER FOOT = 3.9680E 06
MODEL ANGLE OF ATTACK(DEG) = 6.01
FIN ANGLE(DEG) = 0.14
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 540.

SCANIVALUE	CP(REF)
147	-0.0356
247	-0.0376
347	-0.0366
447	-0.0366
547	-0.0336
647	-0.0336
747	-0.0336

ORF	CP	ORF	CP	ORF	CP
1	-0.5706	52	-0.3066	102	-0.4036
2	-0.7566	53	-0.5376	103	-0.6126
3	-0.5696	54	-0.4326	104	-0.5626
4	-0.4016	55	-0.8316	105	-0.4286
5	-0.3276	56	-0.8436	110	-0.0846
6	-0.2786	57	-0.7816	111	-0.1146
7	-0.2556	58	-0.6606	112	-0.0666
8	-0.2366	59	-0.5246	113	-0.0906
9	-0.2276	60	-0.3916	114	0.0594
10	-0.2206	61	-0.2936	115	0.0644
11	-0.2226	62	-0.2836	116	0.0624
12	-0.2386	63	-0.3386	117	0.0604
13	-0.2716	64	-0.4956	118	0.0594
14	-0.4056	65	-0.4826	119	0.0594
15	-0.4246	66	-0.7716	120	0.0554
16	-0.8786	67	-0.7916	121	0.0604
17	-0.6216	68	-0.7856	122	0.0614
18	-0.4666	69	-0.7416	123	0.0574
19	-0.3786	70	-0.6236	124	-0.0256
20	-0.3096	71	-0.5286	125	-0.0566
21	-0.2616	72	-0.4256	126	-0.0396
22	-0.2436	73	-0.4066	127	-0.0536
23	-0.2216	74	-0.4516	128	-0.0996
24	-0.2196	75	-0.7286	129	-0.0456
25	-0.2306	76	-0.7356	135	0.0004
26	-0.2546	77	-0.7456	136	-0.0106
27	-0.2976	78	-0.7046	137	-0.0076
28	-0.4156	79	-0.6306	138	0.0854
29	-0.4406	80	-0.5476	139	0.0764
30	-1.0486	81	-0.4896	140	0.0844
32	-0.3906	82	-0.4356	141	0.1044
33	-0.2446	83	-0.5896	142	0.0884
34	-0.2366	84	-0.6666	143	0.1124
35	-0.2256	85	-0.6496	145	-0.0096
36	-0.2266	86	-0.6216	147	0.0814
37	-0.2286	87	-0.5936	151	-0.0216
38	-0.2446	88	-0.5226	152	-0.1586
39	-0.2756	89	-0.4256	153	-0.1786
40	-0.3206	90	-0.5306	154	-0.2006
41	-0.4336	91	-0.4906	155	0.0584
42	-0.4376	92	-0.4636	156	0.0084
43	-0.9076	93	-0.4396	157	-0.0996
44	-0.9506	94	-0.4046	158	0.1174
45	-0.8306	95	-0.3506	159	0.0664
46	-0.5106	96	0.0284	160	0.0164
47	-0.2516	97	-0.4776	161	-0.0716
48	-0.1616	98	0.1694	162	0.1814
49	-0.1736	99	0.0964	163	0.1114
50	-0.1976	100	-0.2906	164	0.0814
51	-0.2396	101	-0.4846	165	-0.0736

ORF	CP	ORF	CP	ORF	CP
166	0.2974	217	-0.0786	268	-0.2206
167	0.2004	218	-0.0666	269	-0.0356
168	0.1574	219	-0.0786	270	0.0014
169	0.0354	220	-0.1066	271	-0.4466
170	0.2474	221	-0.2366	272	-0.2516
171	0.0774	222	-0.2216	273	-0.0286
172	-0.0756	223	0.0664	274	-0.0596
173	-0.0036	224	0.1424	275	0.1454
174	-0.0806	225	0.0904	276	-0.0256
175	-0.1796	226	-0.0586	277	-0.2106
176	-0.2066	227	-0.6606	278	-1.0646
177	-0.2136	228	-0.5536	279	-0.9926
178	-0.2726	229	-0.4506	280	-0.8786
179	-0.1526	230	-0.2416	281	-0.5746
180	-0.2056	231	-0.1546	282	-0.3456
181	0.0994	232	-0.1106	283	-0.2896
182	0.2144	233	-0.1136	284	-0.2346
183	0.2364	234	-0.1236	285	-0.2516
184	0.3624	235	-0.1956	286	-0.4666
185	0.4134	236	-0.0956	287	-0.2966
186	0.4694	237	0.0564	288	-0.0366
187	0.5634	238	0.0424	289	-0.0196
188	0.6894	239	0.1274	290	0.0084
189	0.7954	240	-0.0126	291	-0.8226
190	0.3624	241	-0.8606	292	-0.0356
191	-0.1876	242	-0.7976	325	0.0564
192	-0.1796	244	-0.4476	326	0.0564
193	-0.1836	245	-0.2566	327	0.0574
194	-0.1856	246	-0.1986	328	0.0564
195	-0.1846	247	-0.1686	329	0.0584
196	-0.1876	248	-0.1456	330	0.0584
197	-0.1776	249	-0.2046	331	0.0554
198	-0.1776	250	-0.1306	332	0.0554
199	-0.1776	251	-0.0566	333	0.0564
200	-0.1816	252	-0.0326	334	0.0584
201	-0.1666	253	0.0374	335	0.0564
202	-0.1726	254	-0.1506	336	0.0564
203	-0.1716	255	-1.0136	337	0.0574
204	-0.1796	256	-0.9026	338	0.0564
205	0.1434	257	-0.8176	339	0.0574
206	0.2004	258	-0.5406	340	0.0564
207	0.1704	259	-0.3346	341	0.0594
208	0.1754	260	-0.2636	350	0.0594
210	0.0974	261	-0.2156	351	0.0614
211	0.1004	262	-0.2006	352	0.0604
212	-0.0066	263	-0.3236	353	0.0604
213	-0.4896	264	-0.1826	354	0.0594
214	-0.3056	265	-0.0466	355	0.0594
215	-0.2226	266	-0.0016		
216	-0.1166	267	-0.3756		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 737
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 32.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.702
TUNNEL DYNAMIC PRESSURE(PSF) = 544.
TUNNEL STAGNATION PRESSURE(PSF) = 2189.
TUNNEL STATIC PRESSURE(PSF) = 1574.
REYNOLDS NUMBER PER FOOT = 3.9750E 06
MODEL ANGLE OF ATTACK(DEG) = 7.91
FIN ANGLE(DEG) = 0.15
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 540.

SCANIVALUE	CP(REF)
147	-0.0314
247	-0.0324
347	-0.0314
447	-0.0314
547	-0.0144
647	-0.0154
747	-0.0144

ORF	CP	ORF	CP	ORF	CP
1	-0.8894	52	-0.2594	102	-0.3984
2	-1.0454	53	-0.4664	103	-0.6824
3	-0.7424	54	-0.4034	104	-0.5944
4	-0.5024	55	-0.9614	105	-0.4374
5	-0.3814	56	-0.9924	110	-0.0764
6	-0.3434	57	-1.0174	111	-0.1024
7	-0.2994	58	-0.9884	112	-0.0524
8	-0.2674	59	-0.9184	113	-0.0854
9	-0.2624	60	-0.8324	114	0.0866
10	-0.2544	61	-0.6364	115	0.0866
11	-0.2454	62	-0.4604	116	0.0846
12	-0.2504	63	-0.3404	117	0.0836
13	-0.2774	64	-0.4044	118	0.0856
14	-0.4054	65	-0.4274	119	0.0866
15	-0.4204	66	-0.8664	120	0.0846
16	-1.1604	67	-0.8894	121	0.0856
17	-1.0714	68	-0.8884	122	0.0876
18	-0.9164	69	-0.9074	123	0.0846
19	-0.6574	70	-0.8734	124	-0.0164
20	-0.4074	71	-0.8604	125	-0.0444
21	-0.2524	72	-0.7844	126	-0.0334
22	-0.2144	73	-0.6754	127	-0.0414
23	-0.2074	74	-0.5694	128	-0.0694
24	-0.2264	75	-0.7684	129	-0.0254
25	-0.2254	76	-0.7704	135	0.0066
26	-0.2454	77	-0.7544	136	0.0016
27	-0.2924	78	-0.7534	137	0.0076
28	-0.4334	79	-0.7114	138	0.0966
29	-0.4394	80	-0.6644	139	0.0956
30	-1.2404	81	-0.5884	140	0.0946
32	-0.9774	82	-0.4894	141	0.1206
33	-0.5614	83	-0.5694	142	0.0936
34	-0.3664	84	-0.6244	143	0.1296
35	-0.2724	85	-0.5854	145	0.0006
36	-0.2264	86	-0.5424	147	0.0996
37	-0.2234	87	-0.5114	151	-0.0284
38	-0.2204	88	-0.4704	152	-0.1474
39	-0.2434	89	-0.4194	153	-0.1704
40	-0.2964	90	-0.4814	154	-0.1924
41	-0.4174	91	-0.4494	155	0.0416
42	-0.4254	92	-0.4284	156	-0.0254
43	-1.0494	93	-0.4054	157	-0.1234
44	-1.1354	94	-0.3844	158	0.0986
45	-1.1854	95	-0.3574	159	0.0346
46	-1.0854	96	0.0896	160	-0.0164
47	-0.7274	97	-0.4614	161	-0.0904
48	-0.3704	98	0.2276	162	0.1966
49	-0.2264	99	0.1486	163	0.1226
50	-0.1694	100	-0.2724	164	0.0906
51	-0.2014	101	-0.4704	165	-0.0624

ORF	CP	ORF	CP	ORF	CP
166	0.3506	217	-0.0694	268	-0.2374
167	0.2346	218	-0.0594	269	-0.0194
168	0.2026	219	-0.0614	270	0.0226
169	0.0726	220	-0.0974	271	-0.4344
170	0.3206	221	-0.2404	272	-0.2654
171	0.1206	222	-0.2084	273	0.0016
172	-0.0484	223	0.0576	274	-0.0194
173	0.0006	224	0.1726	275	0.1246
174	-0.1134	225	0.1106	276	-0.1424
175	-0.1844	226	-0.0504	277	-0.3124
176	-0.2134	227	-0.7024	278	-1.2294
177	-0.1984	228	-0.6364	279	-1.1454
178	-0.1944	229	-0.5184	280	-1.0494
179	-0.1094	230	-0.2904	281	-0.7814
180	-0.1964	231	-0.1584	282	-0.4324
181	0.0356	232	-0.1204	283	-0.3184
182	0.1536	233	-0.1144	284	-0.2344
183	0.2716	234	-0.1174	285	-0.2444
184	0.4026	235	-0.1904	286	-0.4444
185	0.4766	236	-0.0904	287	-0.3064
186	0.5646	237	0.0786	288	0.0056
187	0.6746	238	0.0616	289	0.0306
188	0.7956	239	0.0536	290	0.0256
189	0.8586	240	-0.0854	291	-0.8194
190	0.4016	241	-0.8044	292	0.0076
191	-0.1944	242	-0.7104	325	0.0696
192	-0.1694	244	-0.4014	326	0.0686
193	-0.1834	245	-0.2634	327	0.0666
194	-0.1834	246	-0.2144	328	0.0696
195	-0.1904	247	-0.1734	329	0.0696
196	-0.1874	248	-0.1514	330	0.0696
197	-0.1734	249	-0.1974	331	0.0676
198	-0.1784	250	-0.1264	332	0.0646
199	-0.1724	251	-0.0574	333	0.0686
200	-0.1924	252	-0.0374	334	0.0686
201	-0.1754	253	0.0046	335	0.0686
202	-0.1644	254	-0.1664	336	0.0696
203	-0.1764	255	-1.1724	337	0.0706
204	-0.1774	256	-1.0824	338	0.0686
205	0.1266	257	-0.9494	339	0.0676
206	0.2096	258	-0.6434	340	0.0696
207	0.1586	259	-0.3944	341	0.0706
208	0.1616	260	-0.3074	350	0.0856
210	0.0886	261	-0.2354	351	0.0876
211	0.1156	262	-0.2004	352	0.0886
212	0.0046	263	-0.3274	353	0.0876
213	-0.5074	264	-0.1774	354	0.0866
214	-0.3054	265	-0.0254	355	0.0866
215	-0.2304	266	0.0266		
216	-0.1154	267	-0.3694		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 738
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 32.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.697
TUNNEL DYNAMIC PRESSURE(PSF) = 539.
TUNNEL STAGNATION PRESSURE(PSF) = 2189.
TUNNEL STATIC PRESSURE(PSF) = 1581.
REYNOLDS NUMBER PER FOOT = 3.9570E 06
MODEL ANGLE OF ATTACK(DEG) = 11.95
FIN ANGLE(DEG) = 0.21
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 540.

SCANIVALUE	CP(REF)
147	-0.0422
247	-0.0442
347	-0.0432
447	-0.0412
547	-0.0432
647	-0.0432
747	-0.0432

ORF	CP	ORF	CP	ORF	CP
1	-1.3402	52	-0.4232	102	-0.4482
2	-1.3842	53	-0.6022	103	-0.7732
3	-1.0162	54	-0.4852	104	-0.7452
4	-0.8652	55	-0.9282	105	-0.4892
5	-0.7092	56	-0.9572	110	-0.1172
6	-0.5862	57	-0.9302	111	-0.1482
7	-0.4912	58	-1.0382	112	-0.1032
8	-0.4242	59	-1.0112	113	-0.1292
9	-0.3682	60	-0.9092	114	0.0698
10	-0.3192	61	-0.8482	115	0.0708
11	-0.2912	62	-0.8112	116	0.0678
12	-0.2792	63	-0.7352	117	0.0678
13	-0.2972	64	-0.6762	118	0.0718
14	-0.4062	65	-0.6422	119	0.0688
15	-0.4402	66	-0.7062	120	0.0698
16	-1.6692	67	-0.7772	121	0.0678
17	-1.7622	68	-0.7952	122	0.0678
18	-1.7652	69	-0.8272	123	0.0668
19	-1.3372	70	-0.8192	124	-0.0722
20	-0.6482	71	-0.7892	125	-0.1022
21	-0.2882	72	-0.7512	126	-0.0882
22	-0.2352	73	-0.7002	127	-0.0942
23	-0.2282	74	-0.6362	128	-0.1452
24	-0.2282	75	-0.7052	129	-0.0132
25	-0.2282	76	-0.7022	135	-0.0452
26	-0.2512	77	-0.6872	136	-0.0442
27	-0.3042	78	-0.6442	137	-0.0502
28	-0.4432	79	-0.6082	138	0.0618
29	-0.4902	80	-0.5902	139	0.0598
30	-1.7642	81	-0.5532	140	0.0528
32	-1.7752	82	-0.5302	141	0.0948
33	-1.6062	83	-0.5322	142	0.0728
34	-1.0662	84	-0.5982	143	0.1178
35	-0.2912	85	-0.5802	145	-0.0422
36	-0.0732	86	-0.5602	147	0.0668
37	-0.0822	87	-0.5392	151	-0.0632
38	-0.1282	88	-0.5132	152	-0.1632
39	-0.1822	89	-0.5012	153	-0.1792
40	-0.2802	90	-0.5222	154	-0.1792
41	-0.4522	91	-0.5342	155	-0.0132
42	-0.4742	92	-0.5182	156	-0.0792
43	-1.3702	93	-0.5112	157	-0.1552
44	-1.4282	94	-0.4882	158	0.0738
45	-1.6492	95	-0.4842	159	-0.0242
46	-1.8972	96	0.2158	160	-0.0812
47	-1.7922	97	-0.4312	161	-0.1272
48	-0.9932	98	0.3168	162	0.1538
49	-0.4322	99	0.1908	163	0.0668
50	-0.2772	100	-0.2672	164	0.0548
51	-0.2942	101	-0.5152	165	-0.0802

ORF	CP	ORF	CP	ORF	CP
166	0.3098	217	-0.1512	268	-0.2822
167	0.1468	218	-0.1262	269	-0.0572
168	0.1258	219	-0.1232	270	-0.0072
169	0.0138	220	-0.1372	271	-0.4822
170	0.1908	221	-0.3062	272	-0.2882
171	-0.0042	222	-0.2442	273	-0.0402
172	-0.1192	223	0.0068	274	-0.0502
173	-0.0492	224	0.1168	275	0.0488
174	-0.1512	225	-0.0072	276	-0.4032
175	-0.1892	226	-0.1662	277	-0.4892
176	-0.2252	227	-0.6502	278	-1.5052
177	-0.2162	228	-0.6202	279	-1.3652
178	-0.2072	229	-0.5462	280	-1.3312
179	-0.1542	230	-0.3742	281	-1.2092
180	-0.2022	231	-0.2242	282	-0.8292
181	-0.0542	232	-0.1842	283	-0.6052
182	0.0488	233	-0.1712	284	-0.3372
183	0.2568	234	-0.1742	285	-0.2852
184	0.4118	235	-0.2292	286	-0.5222
185	0.4518	236	-0.1382	287	-0.2922
186	0.4618	237	0.0108	288	-0.0232
187	0.4338	238	-0.0092	289	0.0218
188	0.4528	239	-0.0692	290	0.0168
189	0.4558	240	-0.1842	291	-0.9622
190	0.4448	241	-0.9252	292	0.0278
191	-0.2192	242	-0.7762	325	0.0688
192	-0.1942	244	-0.4132	326	0.0708
193	-0.2012	245	-0.3192	327	0.0708
194	-0.1922	246	-0.2672	328	0.0698
195	-0.2162	247	-0.2152	329	0.0698
196	-0.2142	248	-0.1882	330	0.0708
197	-0.1962	249	-0.2292	331	0.0698
198	-0.2022	250	-0.1602	332	0.0688
199	-0.1842	251	-0.0862	333	0.0688
200	-0.2202	252	-0.0482	334	0.0698
201	-0.2162	253	-0.0472	335	0.0698
202	-0.1772	254	-0.2462	336	0.0718
203	-0.1872	255	-1.4432	337	0.0698
204	-0.2072	256	-1.3932	338	0.0728
205	-0.0372	257	-1.3162	339	0.0718
206	0.1318	258	-1.0932	340	0.0708
207	-0.0002	259	-0.6822	341	0.0718
208	0.0048	260	-0.5072	350	0.0688
210	0.0258	261	-0.3312	351	0.0708
211	0.0248	262	-0.2562	352	0.0698
212	-0.0932	263	-0.3892	353	0.0648
213	-0.6482	264	-0.2272	354	0.0678
214	-0.4662	265	-0.0492	355	0.0698
215	-0.3642	266	0.0028		
216	-0.2152	267	-0.4312		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 739
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 32.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.695
TUNNEL DYNAMIC PRESSURE(PSF) = 536.
TUNNEL STAGNATION PRESSURE(PSF) = 2188.
TUNNEL STATIC PRESSURE(PSF) = 1584.
REYNOLDS NUMBER PER FOOT = 3.9480E 06
MODEL ANGLE OF ATTACK(DEG) = 14.12
FIN ANGLE(DEG) = 0.32
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 540.

SCANIVALUE	CP(REF)
147	-0.0502
247	-0.0512
347	-0.0512
447	-0.0502
547	-0.0782
647	-0.0792
747	-0.0792

ORF	CP	ORF	CP	ORF	CP
1	-1.4952	52	-0.7252	102	-0.5142
2	-1.3942	53	-0.6722	103	-0.8382
3	-1.0572	54	-0.6192	104	-0.8012
4	-1.0042	55	-0.7902	105	-0.5602
5	-0.8502	56	-0.8702	110	-0.1712
6	-0.7682	57	-0.9372	111	-0.2052
7	-0.6732	58	-0.9342	112	-0.1522
8	-0.5582	59	-0.9302	113	-0.1812
9	-0.4802	60	-0.8872	114	0.0298
10	-0.4112	61	-0.8562	115	0.0318
11	-0.3582	62	-0.8212	116	0.0288
12	-0.3582	63	-0.7592	117	0.0278
13	-0.3862	64	-0.7182	118	0.0278
14	-0.4972	65	-0.7012	119	0.0278
15	-0.5412	66	-0.8182	120	0.0008
16	-1.8232	67	-0.8352	121	0.0268
17	-2.0372	68	-0.8052	122	0.0258
18	-1.9882	69	-0.7852	123	0.0268
19	-1.5052	70	-0.7682	124	-0.1342
20	-0.8932	71	-0.7472	125	-0.1562
21	-0.4682	72	-0.7202	126	-0.1492
22	-0.3152	73	-0.6952	127	-0.1582
23	-0.2712	74	-0.6582	128	-0.1812
24	-0.2832	75	-0.7232	129	-0.0462
25	-0.3412	76	-0.7162	135	-0.0972
26	-0.4012	77	-0.7052	136	-0.1072
27	-0.4612	78	-0.6972	137	-0.1052
28	-0.5802	79	-0.6802	138	0.0148
29	-0.5682	80	-0.6572	139	0.0028
30	-1.8832	81	-0.6402	140	-0.0022
32	-1.9582	82	-0.6212	141	0.0528
33	-1.9122	83	-0.5592	142	0.0248
34	-1.4742	84	-0.6372	143	0.0848
35	-0.4582	85	-0.6382	145	-0.0962
36	-0.0452	86	-0.6322	147	0.0308
37	-0.1962	87	-0.6092	151	-0.0742
38	-0.4202	88	-0.5982	152	-0.1772
39	-0.5232	89	-0.5852	153	-0.1812
40	-0.5642	90	-0.5992	154	-0.2022
41	-0.6332	91	-0.5932	155	-0.0592
42	-0.5572	92	-0.5802	156	-0.1012
43	-1.2212	93	-0.5902	157	-0.1532
44	-1.1992	94	-0.5782	158	0.0328
45	-1.1712	95	-0.5732	159	-0.0612
46	-1.2002	96	0.2788	160	-0.1042
47	-1.1102	97	-0.4432	161	-0.1442
48	-0.9652	98	0.3428	162	0.0928
49	-0.9322	99	0.2128	163	0.0098
50	-0.8732	100	-0.2822	164	-0.0002
51	-0.7982	101	-0.5892	165	-0.1162

ORF	CP
166	0.2028
167	0.0858
168	0.0628
169	-0.0332
170	0.1188
171	-0.0362
172	-0.1322
173	-0.0752
174	-0.1582
175	-0.2122
176	-0.2252
177	-0.2262
178	-0.2172
179	-0.1772
180	-0.2092
181	-0.0812
182	0.0328
183	0.1828
184	0.3168
185	0.3278
186	0.3538
187	0.3518
188	0.3718
189	0.3848
190	0.4548
191	-0.2362
192	-0.1942
193	-0.2032
194	-0.2152
195	-0.2282
196	-0.2352
197	-0.1992
198	-0.1992
199	-0.2232
200	-0.2532
201	-0.2392
202	-0.1972
203	-0.2142
204	-0.2412
205	-0.1572
206	0.0578
207	-0.1232
208	-0.1052
210	-0.0282
211	-0.0672
212	-0.1782
213	-0.7462
214	-0.5582
215	-0.4652
216	-0.2862

ORF	CP
217	-0.2132
218	-0.1842
219	-0.1732
220	-0.1982
221	-0.3672
222	-0.2762
223	-0.0532
224	0.0398
225	-0.0832
226	-0.2412
227	-0.6892
228	-0.6632
229	-0.6092
230	-0.4222
231	-0.2822
232	-0.2432
233	-0.2192
234	-0.2252
235	-0.2852
236	-0.1972
237	-0.0642
238	-0.0762
239	-0.1402
240	-0.2542
241	-1.1082
242	-0.9222
244	-0.5372
245	-0.4012
246	-0.3332
247	-0.2862
248	-0.2472
249	-0.3012
250	-0.2202
251	-0.1432
252	-0.0892
253	-0.0972
254	-0.3022
255	-1.5022
256	-1.4542
257	-1.4022
258	-1.2512
259	-0.9392
260	-0.7072
261	-0.4442
262	-0.3502
263	-0.5122
264	-0.3112
265	-0.1012
266	-0.0472
267	-0.5552

ORF	CP
268	-0.3492
269	-0.1142
270	-0.0802
271	-0.5842
272	-0.3532
273	-0.0962
274	-0.1222
275	-0.0662
276	-0.5772
277	-0.6122
278	-1.5442
279	-1.4222
280	-1.4092
281	-1.3412
282	-0.9802
283	-0.8142
284	-0.4852
285	-0.3922
286	-0.6142
287	-0.3732
288	-0.0932
289	-0.0232
290	-0.0442
291	-1.0702
292	-0.0002
325	0.0598
326	0.0608
327	0.0598
328	0.0558
329	0.0548
330	0.0578
331	0.0608
332	0.0578
333	0.0548
334	0.0558
335	0.0588
336	0.0598
337	0.0598
338	0.0608
339	0.0608
340	0.0568
341	0.0558
350	0.0258
351	0.0278
352	0.0248
353	0.0298
354	0.0298
355	0.0278

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 740
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 32.
CONFIGURATION NO. = 5.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.696
TUNNEL DYNAMIC PRESSURE(PSF) = 536.
TUNNEL STAGNATION PRESSURE(PSF) = 2188.
TUNNEL STATIC PRESSURE(PSF) = 1584.
REYNOLDS NUMBER PER FOOT = 3.9520E 06
MODEL ANGLE OF ATTACK(DEG) = 0.10
FIN ANGLE(DEG) = 0.55
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 540.

SCANIVALUE	CP(REF)
147	-0.0522
247	-0.0542
347	-0.0532
447	-0.0532
547	-0.0532
647	-0.0542
747	-0.0542

ORF	CP	ORF	CP	ORF	CP
1	-0.0502	52	-0.2752	102	-0.4402
2	-0.3442	53	-0.5162	103	-0.6222
3	-0.3182	54	-0.4362	104	-0.5712
4	-0.2062	55	0.0168	105	-0.4662
5	-0.1312	56	-0.0122	110	-0.0842
6	-0.1022	57	-0.0312	111	-0.0952
7	-0.0962	58	-0.0592	112	-0.0562
8	-0.0952	59	-0.0842	113	-0.0772
9	-0.0902	60	-0.1182	114	0.0258
10	-0.1042	61	-0.1612	115	0.0258
11	-0.1202	62	-0.2162	116	0.0248
12	-0.1462	63	-0.3172	117	0.0248
13	-0.1942	64	-0.5542	118	0.0228
14	-0.3622	65	-0.5072	119	0.0268
15	-0.4102	66	0.0028	120	0.0258
16	-0.1312	67	-0.0192	121	0.0278
17	-0.1342	68	-0.0542	122	0.0258
18	-0.1082	69	-0.0912	123	0.0268
19	-0.0912	70	-0.1312	124	-0.0222
20	-0.0732	71	-0.1772	125	-0.0562
21	-0.0752	72	-0.2402	126	-0.0412
22	-0.0822	73	-0.3702	127	-0.0462
23	-0.0932	74	-0.4642	128	-0.1092
24	-0.1012	75	-0.0082	129	-0.0732
25	-0.1152	76	-0.0572	135	0.0068
26	-0.1562	77	-0.0932	136	-0.0022
27	-0.2222	78	-0.1312	137	0.0028
28	-0.3792	79	-0.1842	138	0.0878
29	-0.4252	80	-0.2512	139	0.0828
30	-0.0362	81	-0.4182	140	0.0848
32	-0.0502	82	-0.4292	141	0.0968
33	-0.0542	83	-0.0222	142	0.0948
34	-0.0562	84	-0.0842	143	0.0948
35	-0.0692	85	-0.1182	145	-0.0032
36	-0.0792	86	-0.1682	147	0.0978
37	-0.1002	87	-0.2242	151	-0.0102
38	-0.1232	88	-0.3432	152	-0.1612
39	-0.1682	89	-0.3922	153	-0.2122
40	-0.2302	90	-0.0882	154	-0.2532
41	-0.3732	91	-0.1262	155	0.1888
42	-0.4152	92	-0.1572	156	0.1068
43	0.0098	93	-0.2012	157	-0.0702
44	-0.0132	94	-0.2722	158	0.3738
45	-0.0312	95	-0.3172	159	0.2668
46	-0.0482	96	-0.2932	160	0.1898
47	-0.0652	97	-0.5532	161	0.0478
48	-0.0852	98	-0.0372	162	0.3298
49	-0.1152	99	-0.0942	163	0.2848
50	-0.1472	100	-0.3082	164	0.0848
51	-0.1952	101	-0.5202	165	-0.0052

ORF	CP	ORF	CP	ORF	CP
166	0.3778	217	-0.1332	268	-0.1842
167	0.2928	218	-0.0972	269	0.0208
168	0.2158	219	-0.0862	270	0.0758
169	0.0538	220	-0.1042	271	-0.4762
170	0.3578	221	-0.1912	272	-0.2342
171	0.1358	222	-0.2412	273	-0.0012
172	-0.0612	223	0.1208	274	-0.0592
173	0.0258	224	0.2138	275	0.2698
174	-0.0522	225	0.1858	276	0.2088
175	-0.2352	226	-0.0092	277	0.0138
176	-0.2442	227	-0.7392	278	-0.7812
177	-0.2312	228	-0.6882	279	-0.7922
178	-0.4132	229	-0.6112	280	-0.6752
179	-0.2852	230	-0.3352	281	-0.3862
180	-0.2102	231	-0.1382	282	-0.1382
181	0.3108	232	-0.1012	283	-0.1082
182	0.4378	233	-0.0932	284	-0.0952
183	0.4598	234	-0.0902	285	-0.1662
184	0.6118	235	-0.1732	286	-0.5052
185	0.6678	236	-0.0802	287	-0.3402
186	0.7228	237	0.1298	288	-0.0602
187	0.7808	238	0.0758	289	-0.0232
188	0.8198	239	0.1618	290	0.0718
189	0.8678	240	0.0288	291	-0.5952
190	0.2918	241	-0.6222	292	-0.1082
191	-0.1782	242	-0.5972	325	0.0288
192	-0.1852	244	-0.2712	326	0.0268
193	-0.1892	245	-0.1522	327	0.0288
194	-0.1812	246	-0.1252	328	0.0278
195	-0.1812	247	-0.1092	329	0.0298
196	-0.2072	248	-0.1032	330	0.0278
197	-0.1852	249	-0.1692	331	0.0258
198	-0.1882	250	-0.1092	332	0.0278
199	-0.1852	251	-0.0532	333	0.0268
200	-0.1772	252	-0.0352	334	0.0278
201	-0.1712	253	0.1648	335	0.0258
202	-0.1832	254	-0.0072	336	0.0268
203	-0.1732	255	-0.7272	337	0.0278
204	-0.1722	256	-0.7012	338	0.0268
205	0.1678	257	-0.6372	339	0.0288
206	0.1968	258	-0.4122	340	0.0288
207	0.1908	259	-0.1482	341	0.0278
208	0.1868	260	-0.1062	350	0.0228
210	0.2588	261	-0.1002	351	0.0228
211	0.2248	262	-0.1082	352	0.0248
212	0.0368	263	-0.2922	353	0.0218
213	-0.8872	264	-0.1332	354	0.0238
214	-0.6832	265	0.0118	355	0.0218
215	-0.5732	266	0.0818		
216	-0.2782	267	-0.3362		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 776
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 53.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.347
TUNNEL DYNAMIC PRESSURE(PSF) = 825.
TUNNEL STAGNATION PRESSURE(PSF) = 1919.
TUNNEL STATIC PRESSURE(PSF) = 649.
REYNOLDS NUMBER PER FOOT = 4.0050E 06
MODEL ANGLE OF ATTACK(DEG) = -14.22
FIN ANGLE(DEG) = -0.11
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 557.

SCANIVALUE	CP(REF)
147	1.0953
247	1.0953
347	1.0953
447	1.0953
547	1.0893
647	1.0903
747	1.0903

ORF	CP	ORF	CP	ORF	CP
1	-0.3807	52	-0.5317	102	-0.4567
2	-0.4797	53	-0.5297	103	-0.6447
3	-0.4477	54	-0.5287	104	-0.5947
4	-0.4707	55	-0.6127	105	-0.5017
5	-0.4597	56	-0.6167	110	-0.0887
6	-0.4447	57	-0.6157	111	-0.0867
7	-0.3947	58	-0.6027	112	-0.0827
8	-0.3287	59	-0.5887	113	-0.1147
9	-0.2537	60	-0.5727	114	0.1273
10	-0.1997	61	-0.5657	115	0.1213
11	-0.1507	62	-0.5617	116	0.1283
12	-0.1257	63	-0.5537	117	0.1283
13	-0.0627	64	-0.5727	118	0.1223
14	-0.0927	65	-0.5927	119	0.1263
15	-0.1637	66	-0.5917	120	-0.2007
16	-0.5717	67	-0.5947	121	0.1123
17	-0.6207	68	-0.5997	122	0.1303
18	-0.6327	69	-0.5987	123	0.1243
19	-0.6297	70	-0.5937	124	-0.1807
20	-0.6197	71	-0.5887	125	-0.1957
21	-0.6077	72	-0.5857	126	-0.1747
22	-0.5947	73	-0.5927	127	-0.1867
23	-0.5697	74	-0.5757	128	-0.2017
24	-0.5197	75	-0.5707	129	-0.2417
25	-0.4457	76	-0.5767	135	-0.1717
26	-0.3587	77	-0.5827	136	-0.1647
27	-0.2487	78	-0.5927	137	-0.1597
28	-0.1697	79	-0.5957	138	-0.0437
29	-0.2087	80	-0.5997	139	-0.0447
30	-0.6287	81	-0.5807	140	-0.0357
32	-0.6027	82	-0.5367	141	0.0573
33	-0.5947	83	-0.4107	142	0.0213
34	-0.5837	84	-0.5577	143	0.0623
35	-0.5727	85	-0.5577	145	-0.1707
36	-0.5617	86	-0.5587	147	0.0263
37	-0.5517	87	-0.5497	151	0.0853
38	-0.5317	88	-0.5197	152	-0.0717
39	-0.5097	89	-0.5017	153	-0.1067
40	-0.4677	90	-0.5337	154	-0.1317
41	-0.4427	91	-0.5157	155	0.0083
42	-0.4187	92	-0.4967	156	0.0623
43	-0.6377	93	-0.4797	157	-0.0157
44	-0.6387	94	-0.4637	158	0.3053
45	-0.6247	95	-0.4467	159	0.1033
46	-0.6067	96	0.3913	160	0.0703
47	-0.5897	97	0.0653	161	0.0173
48	-0.5737	98	0.6163	162	0.1493
49	-0.5567	99	0.6223	163	0.0973
50	-0.5377	100	0.1543	164	-0.0657
51	-0.5297	101	-0.4737	165	-0.0537

ORF	CP	ORF	CP	ORF	CP
166	0.1563	217	-0.0377	268	-0.3957
167	0.0813	218	-0.0237	269	-0.1897
168	0.0513	219	-0.0257	270	-0.0917
169	-0.0327	220	-0.0487	271	-0.4097
170	0.1153	221	-0.2067	272	-0.2397
171	-0.0137	222	-0.1807	273	-0.0427
172	-0.1367	223	0.0573	274	-0.0057
173	-0.0277	224	0.0903	275	0.0273
174	-0.1187	225	0.1163	276	-0.1377
175	-0.2657	226	0.0633	277	-0.2127
176	-0.3787	227	-0.3317	278	-0.6227
177	-0.1457	228	-0.2777	279	-0.5757
178	-0.0877	229	-0.2347	280	-0.5127
179	-0.0907	230	-0.1367	281	-0.4707
180	-0.3387	231	-0.0717	282	-0.4427
181	0.3303	232	-0.0617	283	-0.4107
182	0.4383	233	-0.0707	284	-0.2427
183	0.1883	234	-0.0567	285	-0.1087
184	0.2913	235	-0.1207	286	-0.4687
185	0.3413	236	-0.0827	287	-0.2117
186	0.3683	237	0.0173	288	-0.0177
187	0.3953	238	0.0363	289	0.0693
188	0.4173	239	0.0883	290	-0.2767
189	0.4463	240	0.0393	291	-0.4317
190	0.7243	241	-0.2507	292	0.3793
191	-0.3387	242	-0.1817	325	0.1413
192	-0.3277	244	-0.1087	326	0.1393
193	-0.3287	245	-0.1067	327	0.1293
194	-0.3317	246	-0.1167	328	0.1353
195	-0.3487	247	-0.1257	329	0.1283
196	-0.3407	248	-0.0967	330	0.1373
197	-0.3327	249	-0.0807	331	0.1393
198	-0.3347	250	0.1253	332	0.1313
199	-0.3367	251	-0.3217	333	0.1413
200	-0.3517	252	-0.4127	334	0.1293
201	-0.3347	253	0.1493	335	0.1393
202	-0.3307	254	0.1163	336	0.1353
203	-0.3317	255	-0.4517	337	0.1413
204	-0.3357	256	-0.3607	338	0.1373
205	-0.0167	257	-0.2827	339	0.1323
206	0.0403	258	-0.2207	340	0.1303
207	-0.0397	259	-0.2237	341	0.1313
208	0.0853	260	-0.2407	350	0.1213
210	0.0423	261	-0.2727	351	0.1343
211	0.0323	262	-0.1727	352	0.1273
212	-0.0077	263	-0.2537	353	0.1293
213	-0.2497	264	-0.2487	354	0.1173
214	-0.1967	265	-0.3097	355	0.1233
215	-0.1487	266	-0.1787		
216	-0.0847	267	-0.2567		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 777
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) = 828.
TUNNEL STAGNATION PRESSURE(PSF) = 1924.
TUNNEL STATIC PRESSURE(PSF) = 643.
REYNOLDS NUMBER PER FOOT = 4.0050E 06
MODEL ANGLE OF ATTACK(DEG) = -12.07
FIN ANGLE(DEG) = 0.06
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 557.

SCANIVALUE	CP(REF)
147	1.0994
247	1.0994
347	1.0994
447	1.0994
547	1.1084
647	1.1084
747	1.1084

ORF	CP	ORF	CP	ORF	CP
1	-0.2886	52	-0.4436	102	-0.4076
2	-0.3736	53	-0.4566	103	-0.6356
3	-0.3496	54	-0.4526	104	-0.6046
4	-0.3516	55	-0.4956	105	-0.4536
5	-0.3296	56	-0.4916	110	-0.0956
6	-0.2766	57	-0.4956	111	-0.0886
7	-0.2206	58	-0.4896	112	-0.0876
8	-0.1686	59	-0.4776	113	-0.1156
9	-0.1166	60	-0.4766	114	0.1354
10	-0.0856	61	-0.4766	115	0.1284
11	-0.0556	62	-0.4796	116	0.1274
12	-0.0146	63	-0.4846	117	0.1324
13	-0.0006	64	-0.5146	118	0.1264
14	-0.0536	65	-0.5486	119	0.1274
15	-0.1406	66	-0.4756	120	-0.1786
16	-0.4696	67	-0.4816	121	0.1114
17	-0.5146	68	-0.4866	122	0.1274
18	-0.5136	69	-0.4906	123	0.1304
19	-0.5066	70	-0.4926	124	-0.1626
20	-0.4946	71	-0.4906	125	-0.1806
21	-0.4716	72	-0.4996	126	-0.1626
22	-0.4516	73	-0.5196	127	-0.1736
23	-0.4096	74	-0.5456	128	-0.1466
24	-0.3166	75	-0.4756	129	-0.2106
25	-0.2276	76	-0.4866	135	-0.1576
26	-0.1396	77	-0.4976	136	-0.1586
27	-0.0626	78	-0.4896	137	-0.1466
28	-0.0756	79	-0.4996	138	-0.0346
29	-0.1756	80	-0.5096	139	-0.0426
30	-0.5386	81	-0.5176	140	-0.0346
32	-0.5026	82	-0.4816	141	0.0454
33	-0.4956	83	-0.3646	142	0.0414
34	-0.4786	84	-0.4986	143	0.0564
35	-0.4756	85	-0.5026	145	-0.1546
36	-0.4606	86	-0.5096	147	0.0474
37	-0.4356	87	-0.5156	151	0.1404
38	-0.3926	88	-0.4816	152	-0.0406
39	-0.3376	89	-0.4486	153	-0.1206
40	-0.2956	90	-0.4896	154	-0.1786
41	-0.2596	91	-0.4876	155	0.0604
42	-0.2766	92	-0.4776	156	0.0434
43	-0.5226	93	-0.4836	157	-0.0586
44	-0.5266	94	-0.4856	158	0.1994
45	-0.5116	95	-0.4446	159	0.0844
46	-0.4996	96	0.4514	160	0.0404
47	-0.4876	97	0.0544	161	-0.0496
48	-0.4686	98	0.5554	162	0.1824
49	-0.4576	99	0.5734	163	0.1184
50	-0.4436	100	0.1414	164	-0.0496
51	-0.4386	101	-0.4306	165	-0.0376

ORF	CP	ORF	CP	ORF	CP
166	0.2194	217	-0.0166	268	-0.3376
167	0.1584	218	0.0224	269	-0.1626
168	0.1314	219	0.0264	270	-0.0816
169	0.0664	220	0.0134	271	-0.3736
170	0.1764	221	-0.1976	272	-0.1956
171	0.0504	222	-0.1476	273	-0.0426
172	-0.0786	223	0.1034	274	-0.0366
173	-0.0086	224	0.1584	275	0.0564
174	-0.0946	225	0.1484	276	-0.0246
175	-0.2636	226	0.0804	277	-0.0936
176	-0.3706	227	-0.3276	278	-0.4946
177	-0.0876	228	-0.2936	279	-0.4386
178	-0.0896	229	-0.2436	280	-0.3776
179	-0.0516	230	-0.1396	281	-0.3096
180	-0.3286	231	-0.0556	282	-0.2786
181	0.2844	232	-0.0266	283	-0.2296
182	0.4364	233	-0.0166	284	-0.1116
183	0.2664	234	-0.0106	285	-0.0206
184	0.3714	235	-0.0906	286	-0.4196
185	0.4454	236	-0.0396	287	-0.1826
186	0.4174	237	0.0714	288	-0.0226
187	0.4504	238	0.0804	289	0.0104
188	0.5004	239	0.1274	290	-0.2526
189	0.5704	240	0.0764	291	-0.4556
190	0.6564	241	-0.2396	292	0.4144
191	-0.3226	242	-0.1746	325	0.1264
192	-0.3196	244	-0.0706	326	0.1274
193	-0.3176	245	-0.0576	327	0.1374
194	-0.3206	246	-0.0626	328	0.1424
195	-0.3316	247	-0.0686	329	0.1434
196	-0.3406	248	-0.0386	330	0.1244
197	-0.3236	249	-0.0326	331	0.1274
198	-0.3236	250	0.1474	332	0.1404
199	-0.3246	251	-0.3126	333	0.1434
200	-0.3336	252	-0.3956	334	0.1444
201	-0.3196	253	0.1484	335	0.1244
202	-0.3206	254	0.1184	336	0.1374
203	-0.3186	255	-0.4226	337	0.1264
204	-0.3216	256	-0.2706	338	0.1304
205	0.0324	257	-0.1856	339	0.1384
206	0.0834	258	-0.1516	340	0.1414
207	0.0504	259	-0.1386	341	0.1434
208	0.1244	260	-0.1506	350	0.1284
210	0.1074	261	-0.1596	351	0.1334
211	0.0254	262	-0.0496	352	0.1354
212	0.0184	263	-0.1846	353	0.1304
213	-0.2756	264	-0.2296	354	0.1344
214	-0.2156	265	-0.2356	355	0.1294
215	-0.1526	266	-0.1676		
216	-0.0846	267	-0.2186		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 778
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 53.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.352
TUNNEL DYNAMIC PRESSURE(PSF) = 822.
TUNNEL STAGNATION PRESSURE(PSF) = 1912.
TUNNEL STATIC PRESSURE(PSF) = 643.
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) = 557.

SCANIVALUE	CP(REF)
147	1.1058
247	1.1048
347	1.1058
447	1.1068
547	1.1018
647	1.1008
747	1.1008

ORF	CP	ORF	CP	ORF	CP
1	-0.0592	52	-0.1362	102	-0.3332
2	-0.1762	53	-0.2022	103	-0.5562
3	-0.1612	54	-0.2452	104	-0.5152
4	-0.1322	55	-0.3952	105	-0.4522
5	-0.1132	56	-0.3672	110	-0.0962
6	-0.0822	57	-0.3372	111	-0.0912
7	-0.0642	58	-0.3122	112	-0.0882
8	-0.0362	59	-0.2872	113	-0.1132
9	-0.0202	60	-0.2542	114	0.1538
10	-0.0152	61	-0.2182	115	0.1498
11	0.0008	62	-0.1942	116	0.1518
12	0.0048	63	-0.1932	117	0.1468
13	-0.0002	64	-0.2672	118	0.1568
14	-0.0752	65	-0.2822	119	0.1528
15	-0.1592	66	-0.3952	120	-0.1582
16	-0.2392	67	-0.3752	121	0.1278
17	-0.2402	68	-0.3512	122	0.1498
18	-0.2222	69	-0.3282	123	0.1468
19	-0.2032	70	-0.3012	124	-0.1272
20	-0.1812	71	-0.2642	125	-0.1332
21	-0.1472	72	-0.2632	126	-0.1122
22	-0.1212	73	-0.2702	127	-0.1222
23	-0.0962	74	-0.3442	128	-0.1142
24	-0.0562	75	-0.4002	129	-0.1802
25	-0.0462	76	-0.3832	135	-0.1132
26	-0.0312	77	-0.3502	136	-0.1142
27	-0.0352	78	-0.3252	137	-0.1152
28	-0.0912	79	-0.3082	138	-0.0162
29	-0.1872	80	-0.3092	139	-0.0202
30	-0.3362	81	-0.3262	140	-0.0182
32	-0.2682	82	-0.3812	141	0.0368
33	-0.2322	83	-0.3242	142	0.0398
34	-0.1922	84	-0.3962	143	0.0408
35	-0.1682	85	-0.3692	145	-0.1162
36	-0.1332	86	-0.3462	147	0.0378
37	-0.1062	87	-0.3222	151	0.1538
38	-0.0902	88	-0.3132	152	-0.0472
39	-0.0762	89	-0.3742	153	-0.1202
40	-0.0732	90	-0.4462	154	-0.2102
41	-0.1222	91	-0.4122	155	0.1678
42	-0.2152	92	-0.3602	156	0.1178
43	-0.3912	93	-0.3442	157	-0.0182
44	-0.3442	94	-0.3602	158	0.2478
45	-0.3222	95	-0.4452	159	0.1538
46	-0.2852	96	0.3248	160	0.1008
47	-0.2502	97	-0.0152	161	-0.0042
48	-0.2002	98	0.4068	162	0.2858
49	-0.1702	99	0.4928	163	0.2318
50	-0.1242	100	0.0868	164	-0.0192
51	-0.1302	101	-0.3632	165	0.0518

ORF	CP	ORF	CP	ORF	CP
166	0.3268	217	0.0478	268	-0.2602
167	0.3038	218	0.0688	269	-0.0972
168	0.2888	219	0.0868	270	-0.0732
169	0.2118	220	0.0908	271	-0.3132
170	0.2578	221	-0.1432	272	-0.1622
171	0.2038	222	-0.0962	273	-0.0232
172	0.0688	223	0.1808	274	-0.0312
173	0.1088	224	0.2438	275	0.1368
174	0.0038	225	0.2158	276	0.1238
175	-0.1672	226	0.1558	277	0.0558
176	-0.3122	227	-0.3422	278	-0.2972
177	-0.0642	228	-0.2982	279	-0.2422
178	-0.1092	229	-0.2342	280	-0.1982
179	-0.0352	230	-0.1282	281	-0.1112
180	-0.3272	231	-0.0172	282	-0.0832
181	0.3518	232	0.0268	283	-0.0622
182	0.4778	233	0.0568	284	-0.0152
183	0.3408	234	0.0728	285	0.0018
184	0.4598	235	-0.0042	286	-0.3512
185	0.5318	236	0.0428	287	-0.1302
186	0.6228	237	0.1648	288	-0.0182
187	0.7338	238	0.1838	289	-0.0192
188	0.8528	239	0.2368	290	-0.1902
189	0.9368	240	0.1868	291	-0.4202
190	0.5838	241	-0.3792	292	0.2408
191	-0.3182	242	-0.3192	325	0.1638
192	-0.3152	244	-0.1252	326	0.1628
193	-0.3162	245	-0.0382	327	0.1608
194	-0.3172	246	-0.0082	328	0.1578
195	-0.3172	247	0.0088	329	0.1578
196	-0.3482	248	0.0358	330	0.1538
197	-0.3202	249	0.0408	331	0.1618
198	-0.3202	250	0.1578	332	0.1638
199	-0.3262	251	-0.3112	333	0.1598
200	-0.3202	252	-0.3152	334	0.1568
201	-0.3132	253	0.1988	335	0.1558
202	-0.3142	254	0.1378	336	0.1648
203	-0.3152	255	-0.3342	337	0.1658
204	-0.3132	256	-0.2512	338	0.1638
205	0.1668	257	-0.1802	339	0.1608
206	0.1618	258	-0.0942	340	0.1588
207	0.1928	259	-0.0652	341	0.1568
208	0.2298	260	-0.0622	350	0.1448
210	0.2558	261	-0.0372	351	0.1498
211	0.1418	262	0.0118	352	0.1408
212	0.1168	263	-0.1162	353	0.1478
213	-0.2762	264	-0.1902	354	0.1478
214	-0.2182	265	-0.1872	355	0.1478
215	-0.1552	266	-0.1312		
216	-0.0312	267	-0.1762		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 779
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 53.
CONFIGURATION NO. = 6.
ANGLE OF MODEL ROLL(DEG) = 2250.0
MACH NUMBER = 1.355
TUNNEL DYNAMIC PRESSURE(PSF) = 825.
TUNNEL STAGNATION PRESSURE(PSF) = 1918.
TUNNEL STATIC PRESSURE(PSF) = 641.
REYNOLDS NUMBER PER FOOT = 3.9820E 06
MODEL ANGLE OF ATTACK(DEG) = -6.04
FIN ANGLE(DEG) = 0.06
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 558.

SCANIVALUE	CP(REF)
147	1.1060
247	1.1040
347	1.1050
447	1.1050
547	1.1040
647	1.1040
747	1.1030

ORF	CP	ORF	CP	ORF	CP
1	0.0810	52	-0.0360	102	-0.2760
2	-0.0870	53	-0.1390	103	-0.5120
3	-0.1000	54	-0.2000	104	-0.4750
4	-0.0830	55	-0.3750	105	-0.4330
5	-0.0760	56	-0.2510	110	-0.0950
6	-0.0730	57	-0.1840	111	-0.0890
7	-0.0740	58	-0.1590	112	-0.0870
8	-0.0480	59	-0.1190	113	-0.1100
9	-0.0330	60	-0.1000	114	0.1480
10	-0.0160	61	-0.0800	115	0.1510
11	0.0020	62	-0.0600	116	0.1520
12	0.0190	63	-0.0550	117	0.1510
13	0.0140	64	-0.2090	118	0.1470
14	-0.0690	65	-0.2000	119	0.1460
15	-0.1520	66	-0.4260	120	-0.1480
16	-0.1040	67	-0.2820	121	0.1350
17	-0.1190	68	-0.2140	122	0.1490
18	-0.1040	69	-0.1550	123	0.1520
19	-0.1000	70	-0.1370	124	-0.1090
20	-0.0880	71	-0.1040	125	-0.1190
21	-0.0720	72	-0.0910	126	-0.0930
22	-0.0510	73	-0.0790	127	-0.1080
23	-0.0360	74	-0.2050	128	-0.0970
24	-0.0250	75	-0.4520	129	-0.1680
25	-0.0140	76	-0.3210	135	-0.0980
26	-0.0050	77	-0.2270	136	-0.0960
27	-0.0240	78	-0.1490	137	-0.0990
28	-0.0900	79	-0.1090	138	-0.0130
29	-0.1770	80	-0.0930	139	-0.0100
30	-0.2390	81	-0.1210	140	-0.0090
32	-0.1390	82	-0.2000	141	0.0290
33	-0.1110	83	-0.3440	142	0.0300
34	-0.0950	84	-0.3370	143	0.0290
35	-0.0640	85	-0.2570	145	-0.0950
36	-0.0520	86	-0.1870	147	0.0320
37	-0.0300	87	-0.0850	151	0.2010
38	-0.0220	88	-0.0630	152	-0.0010
39	-0.0180	89	-0.2070	153	-0.0960
40	-0.0330	90	-0.4940	154	-0.1960
41	-0.0900	91	-0.3140	155	0.1300
42	-0.1910	92	-0.2220	156	0.1590
43	-0.3310	93	-0.1780	157	0.0410
44	-0.2360	94	-0.1310	158	0.2870
45	-0.1820	95	-0.2520	159	0.2110
46	-0.1320	96	0.2430	160	0.1580
47	-0.1040	97	-0.0610	161	0.0480
48	-0.0680	98	0.3350	162	0.3120
49	-0.0660	99	0.4250	163	0.2520
50	-0.0370	100	0.0740	164	-0.0120
51	-0.0350	101	-0.3110	165	0.0750

ORF	CP	ORF	CP	ORF	CP
166	0.3490	217	0.0890	268	-0.2200
167	0.3110	218	0.0900	269	-0.0620
168	0.2920	219	0.0990	270	-0.0610
169	0.2070	220	0.1030	271	-0.2760
170	0.2970	221	-0.0970	272	-0.1190
171	0.1970	222	-0.0700	273	0.0000
172	0.0780	223	0.1910	274	-0.0210
173	0.1240	224	0.2530	275	0.2240
174	0.0130	225	0.2710	276	0.2540
175	-0.1460	226	0.1900	277	0.1560
176	-0.2920	227	-0.2780	278	-0.2970
177	-0.0040	228	-0.2210	279	-0.2450
178	-0.0700	229	-0.1450	280	-0.1860
179	-0.0290	230	-0.0470	281	-0.0750
180	-0.3100	231	0.0100	282	-0.0560
181	0.4630	232	0.0420	283	-0.0710
182	0.5700	233	0.0850	284	-0.0180
183	0.3590	234	0.0990	285	0.0220
184	0.4850	235	0.0180	286	-0.3040
185	0.5270	236	0.0520	287	-0.1000
186	0.6070	237	0.1860	288	0.0170
187	0.6970	238	0.1900	289	-0.0220
188	0.8040	239	0.3750	290	-0.1580
189	0.9170	240	0.3200	291	-0.3650
190	0.5380	241	-0.4690	292	0.1950
191	-0.3090	242	-0.4150	325	0.1460
192	-0.3090	244	-0.2020	326	0.1490
193	-0.3090	245	-0.0620	327	0.1530
194	-0.3110	246	0.0180	328	0.1500
195	-0.3090	247	0.0590	329	0.1440
196	-0.3380	248	0.1070	330	0.1420
197	-0.3130	249	0.0860	331	0.1510
198	-0.3150	250	0.1610	332	0.1540
199	-0.3250	251	-0.3010	333	0.1490
200	-0.3150	252	-0.2730	334	0.1440
201	-0.3040	253	0.3190	335	0.1420
202	-0.3080	254	0.2350	336	0.1470
203	-0.3080	255	-0.4860	337	0.1460
204	-0.3050	256	-0.4200	338	0.1500
205	0.2420	257	-0.3440	339	0.1520
206	0.2270	258	-0.1720	340	0.1510
207	0.2620	259	-0.0720	341	0.1450
208	0.2880	260	-0.0580	350	0.1460
210	0.3060	261	-0.0100	351	0.1490
211	0.2220	262	0.0580	352	0.1470
212	0.1800	263	-0.1110	353	0.1470
213	-0.2200	264	-0.1310	354	0.1500
214	-0.1580	265	-0.1170	355	0.1470
215	-0.1120	266	-0.1130		
216	0.0220	267	-0.1520		