

Time (sec)	Accel. Ped.	Actual AFR	Boost (PSI)	Boost Air T	Calculated Fan Duty (%)	HPFP Act.	Intake Ten	Intake Valv	
0.827	99	15.88	0.06	50	0.84	0	1658	30	27
0.920	99	13.67	0.35	50	0.88	0	1669	30	34
1.018	99	13.38	0.57	49	0.91	0	1677	30	32
1.128	99	13.08	0.85	49	0.94	0	1640	30	32
1.220	99	12.94	1.28	49	0.97	0	1658	30	32
1.324	99	12.49	1.71	49	1.01	0	1659	30	32
1.422	99	11.91	2.22	48	1.06	0	1655	30	31
1.528	99	11.76	2.43	48	1.09	0	1669	30	31
1.621	99	11.76	3.01	48	1.12	0	1693	29	31
1.723	99	11.61	3.51	48	1.16	0	1649	29	31
1.822	99	11.76	3.87	48	1.20	0	1669	29	31
1.921	99	11.47	4.37	47	1.25	0	1635	29	30
2.021	99	11.61	4.87	47	1.27	0	1640	29	29
2.120	99	11.76	5.30	46	1.30	0	1700	29	29
2.223	99	11.76	5.95	46	1.32	0	1693	29	29
2.322	99	11.91	6.45	46	1.35	0	1672	29	30
2.422	99	11.91	6.95	46	1.37	0	1724	29	29
2.521	99	12.05	7.45	46	1.39	0	1677	29	29
2.626	99	11.91	8.03	45	1.42	0	1645	29	30
2.721	99	11.91	8.60	44	1.45	0	1742	29	29
2.819	99	12.05	9.25	44	1.49	0	1722	29	29
2.928	99	12.05	10.04	44	1.52	0	1777	29	28
3.026	99	12.20	10.83	44	1.56	0	1829	29	27
3.128	99	11.91	11.26	44	1.62	0	1756	28	29
3.227	99	12.05	12.12	44	1.69	0	1735	28	29
3.322	99	11.91	12.91	43	1.74	0	1816	28	27
3.424	99	11.91	14.12	43	1.81	0	1774	28	26
3.519	99	11.91	15.20	43	1.91	0	1759	28	27
3.626	99	11.61	16.49	42	2.03	0	1829	28	26
3.725	99	11.32	18.21	42	2.14	0	1761	28	26
3.827	99	11.32	19.94	42	2.27	0	1777	28	26
3.925	99	11.76	21.94	42	2.27	0	1868	28	26
4.023	99	12.20	23.16	42	2.27	0	1784	28	25
4.122	99	12.79	23.16	42	2.27	0	1833	27	26
4.227	99	12.94	23.16	41	2.27	0	1764	27	25
4.325	99	12.79	23.16	41	2.27	0	1855	27	25
4.420	99	12.35	23.16	41	2.27	0	1719	26	25
4.525	99	11.76	21.66	41	2.27	0	1732	26	24
4.621	99	11.76	19.43	40	2.09	0	1729	26	24
4.719	99	11.91	17.78	40	1.98	0	1735	26	23
4.821	99	11.76	17.57	40	1.98	0	1766	26	23
4.924	99	11.47	18.00	39	2.05	0	1739	26	23
5.019	99	11.47	17.93	39	2.05	0	1801	26	23
5.122	99	11.61	17.79	39	2.02	0	1778	26	22
5.221	99	11.61	17.93	39	2.03	0	1777	26	21
5.319	99	11.61	18.21	39	2.06	0	1826	26	21
5.427	99	11.76	18.36	39	2.07	0	1753	25	21
5.526	99	11.76	18.36	38	2.07	0	1871	25	22
5.622	99	11.76	18.57	38	2.07	0	1761	25	23

5.719	99	11.76	18.79	38	2.10	0	1753	25	21
5.827	99	11.76	19.36	38	2.12	0	1785	25	21
5.924	99	11.76	19.79	38	2.14	0	1742	24	20
6.022	99	11.76	19.87	38	2.17	0	1753	24	21
6.125	99	11.76	20.30	38	2.18	0	1739	24	20
6.221	99	11.76	20.37	38	2.18	0	1771	24	19
6.326	99	11.91	20.44	38	2.18	0	1829	24	19
6.421	99	11.91	20.51	38	2.18	0	1752	24	20
6.525	99	11.91	20.44	38	2.17	0	1829	24	18
6.624	99	11.91	20.44	38	2.17	0	1781	24	18
6.721	99	11.91	20.51	38	2.19	0	1823	24	17
6.827	99	11.91	20.44	38	2.19	0	1743	24	17
6.920	99	11.91	20.44	38	2.18	0	1794	24	18
7.022	99	11.91	20.37	38	2.16	0	1784	24	17
7.127	99	11.91	20.44	38	2.16	0	1796	24	16
7.223	99	11.76	20.22	38	2.16	0	1836	24	16
7.320	99	11.76	20.37	38	2.14	0	1769	23	16
7.423	99	11.91	20.22	38	2.16	0	1774	23	15
7.522	99	11.76	20.37	38	2.14	0	1875	23	16
7.620	99	11.91	20.30	38	2.15	0	1820	23	14
7.719	99	11.91	20.37	38	2.14	0	1813	23	13
7.826	99	11.91	20.37	38	2.12	0	1784	23	12
7.921	99	11.91	20.44	38	2.12	0	1826	23	13
8.027	99	11.76	20.37	38	2.14	0	1771	23	14
8.124	99	11.76	20.15	38	2.14	0	1749	23	14
8.228	99	11.76	20.22	38	2.13	0	1785	23	14
8.326	99	11.76	20.30	38	2.14	0	1820	23	13
8.425	99	11.76	20.22	38	2.12	0	1798	23	13
8.521	99	11.76	20.44	38	2.11	0	1764	23	13
8.627	99	11.76	20.58	38	2.11	0	1753	23	13
8.723	99	11.76	20.44	38	2.11	0	1752	23	12
8.824	99	11.76	20.51	38	2.11	0	1798	23	10
8.928	99	11.76	20.51	38	2.11	0	1830	23	8
9.020	99	11.76	20.51	38	2.09	0	1846	23	9
9.127	99	11.76	20.30	38	2.09	0	1803	23	10
9.223	99	11.91	20.15	38	2.07	0	1806	23	11
9.321	99	11.91	20.15	38	2.07	0	1803	23	9
9.426	99	11.91	20.15	38	2.08	0	1880	23	8
9.520	99	11.76	20.37	38	2.07	0	1816	23	8
9.619	99	11.76	20.30	38	2.09	0	1878	23	8
9.726	99	11.76	20.30	38	2.08	0	1883	23	8
9.822	99	11.76	20.44	38	2.08	0	1865	23	8
9.928	99	11.76	20.30	38	2.10	0	1796	23	8
10.024	99	11.91	20.37	38	2.08	0	1759	23	7
10.123	99	11.91	20.58	38	2.08	0	1803	23	7
10.223	99	11.76	20.51	38	2.07	0	1885	23	6
10.321	99	11.76	20.58	38	2.07	0	1707	22	6
10.426	99	11.76	20.44	38	2.07	0	1885	22	7
10.525	99	11.91	20.44	38	2.07	0	1756	22	5
10.629	99	11.76	20.37	38	2.06	0	1806	22	5

10.722	99	11.61	20.37	38	2.05	0	1743	22	4
10.827	99	11.61	20.30	38	2.06	0	1830	22	4
10.923	99	11.76	20.15	39	2.04	0	1819	22	4
11.026	99	11.76	20.15	39	2.04	0	1778	22	4
11.124	99	11.76	20.15	39	2.03	0	1829	22	3
11.222	99	11.76	20.08	39	2.03	0	1829	22	3
11.327	99	11.76	20.01	39	2.03	0	1836	22	3
11.420	99	11.76	20.08	39	2.03	0	1897	22	3
11.525	99	11.76	20.15	39	2.03	0	1878	21	3
11.620	99	11.76	20.44	39	2.03	0	1890	21	3
11.726	99	11.91	20.51	39	2.03	0	1796	21	3
11.825	99	11.76	20.66	39	2.07	0	1846	21	0
11.923	99	11.76	20.51	39	2.07	0	1826	21	0
12.029	99	11.76	20.58	40	2.07	0	1746	21	0
12.128	99	11.76	20.58	40	2.06	0	1820	21	0
12.225	99	11.76	20.44	40	2.07	0	1809	21	0
12.322	99	11.76	20.51	40	2.05	0	1743	21	0
12.428	99	11.76	20.51	40	2.06	0	1743	21	0
12.524	99	11.76	20.30	40	2.05	0	1826	21	0
12.620	99	11.76	20.30	41	2.04	0	1710	21	0
12.729	99	11.76	20.08	41	2.03	0	1753	21	0
12.824	99	11.76	19.94	41	2.03	0	1811	21	0
12.927	99	11.76	19.65	41	2.03	0	1777	21	0
13.022	99	11.76	19.65	41	2.02	0	1840	21	0
13.128	99	11.76	19.51	41	2.02	0	1826	21	0
13.222	99	11.76	19.36	41	2.02	0	1826	21	0
13.323	99	11.76	18.57	42	1.99	0	1801	21	0
13.427	99	11.91	17.64	42	1.93	0	1771	21	0
13.522	99	11.91	16.28	42	1.84	0	1843	21	0
13.627	99	12.05	15.49	42	1.76	0	1813	21	0
13.725	99	11.91	14.84	42	1.70	0	1811	21	0
13.822	99	11.91	14.34	42	1.67	0	1826	21	0
13.924	99	11.91	13.84	42	1.67	0	1826	21	0
14.027	99	11.76	13.62	42	1.66	0	1906	21	0
14.126	99	11.91	13.48	42	1.64	0	1794	21	0
14.234	99	11.76	13.34	42	1.63	0	1836	21	0

Knock Ret	Long Term MAF	Volta Mass	Airflow	RPM (RPM)	Short Term Spark	Adv. Throttle	Pc	Vehicle Sp	Wastegate
0.00	-0.16	2.69	55.38	2701	25.58	13.50	69	48	96
0.00	-0.16	2.73	58.96	2734	24.02	13.00	69	48	96
0.00	-0.16	2.77	61.53	2721	22.46	12.50	69	48	96
0.00	-0.16	2.79	63.39	2726	23.24	10.50	69	48	96
0.00	-0.16	2.81	66.84	2755	23.24	9.00	69	48	96
0.00	-0.16	2.83	69.19	2764	30.26	8.00	69	48	96
0.00	-0.16	2.89	70.39	2776	29.48	7.50	69	49	100
0.00	-0.16	2.92	74.44	2788	28.70	7.00	69	50	100
0.00	-0.16	2.93	77.35	2805	27.92	6.50	69	50	100
0.00	-0.16	2.99	78.19	2827	27.92	5.50	69	50	100
0.00	-0.16	3.01	83.72	2845	27.14	5.00	69	50	100
0.00	-0.16	3.06	86.77	2853	26.36	4.00	69	50	100
0.00	-0.16	3.10	90.34	2880	25.58	4.00	70	51	100
0.00	-0.16	3.14	92.63	2884	25.58	4.00	70	51	100
0.00	-0.16	3.16	94.96	2904	26.36	4.00	70	51	100
0.00	-0.16	3.18	102.19	2923	25.58	3.50	70	52	100
0.00	-0.16	3.22	104.69	2932	26.36	3.00	70	52	100
0.00	-0.16	3.27	105.72	2954	25.58	2.50	70	52	100
0.00	-0.16	3.31	110.47	2973	27.14	2.50	70	53	100
0.00	-0.16	3.33	112.63	3005	27.92	2.50	70	53	100
0.00	-0.16	3.36	116.49	3030	27.92	2.50	70	53	100
0.00	-0.16	3.40	122.16	3046	28.70	2.50	70	54	100
0.00	-0.16	3.44	127.44	3076	27.92	2.50	71	55	100
0.00	-0.16	3.50	129.85	3096	28.70	2.50	71	55	100
0.00	-0.16	3.52	137.84	3138	28.70	2.50	71	55	100
0.00	-0.16	3.59	143.57	3155	28.70	2.00	71	56	94
0.00	-0.16	3.65	152.06	3189	28.70	-0.50	71	56	87
0.00	-0.16	3.73	161.57	3201	28.70	-2.00	71	57	76
0.70	-0.16	3.81	172.90	3230	32.60	-4.50	71	57	61
0.70	-0.16	3.91	188.58	3275	32.60	-4.00	70	57	56
0.70	-0.16	3.97	201.14	3292	31.82	-3.50	70	58	56
0.70	-0.16	4.08	215.06	3317	31.82	-3.50	70	59	53
0.35	-0.16	4.14	229.67	3374	31.04	-2.50	70	59	48
0.35	-0.16	4.17	234.99	3401	34.16	-2.50	70	60	42
0.35	-0.16	4.16	234.99	3426	37.28	-2.00	70	61	36
0.35	-0.16	4.08	220.13	3452	39.62	-2.00	71	61	31
0.35	-0.16	3.95	206.79	3500	39.62	-1.50	72	62	24
0.35	-0.16	3.88	196.37	3533	39.62	-1.00	72	63	17
0.00	-0.16	3.82	178.77	3536	39.62	-1.00	72	63	18
0.00	-0.16	3.81	178.77	3588	37.28	-0.50	72	63	30
0.00	-0.16	3.90	187.80	3650	37.28	0.00	72	65	27
0.00	-0.16	3.92	197.16	3673	36.50	0.00	72	65	22
0.00	-0.16	3.91	192.44	3700	34.94	0.00	73	65	26
0.00	-0.16	3.93	194.79	3724	34.94	0.00	73	66	29
0.00	-0.16	3.94	194.79	3771	34.16	0.50	73	66	29
0.00	-0.16	3.97	201.94	3803	33.38	0.50	73	67	28
0.00	-0.16	3.99	203.55	3844	32.60	1.00	73	68	29
0.00	-0.16	3.98	204.35	3860	31.82	1.00	73	68	30
0.00	-0.16	4.01	208.43	3888	32.60	1.50	73	68	31

0.00	-0.16	4.06	211.72	3904	31.82	1.50	73	70	33
0.00	-0.16	4.06	215.06	3954	31.82	1.50	73	70	34
0.00	-0.16	4.08	223.57	3992	31.04	2.00	73	70	33
0.00	-0.16	4.12	224.43	4017	31.04	2.00	74	71	34
0.00	-0.16	4.13	229.67	4058	31.04	2.50	74	71	34
0.00	-0.16	4.14	229.67	4096	30.26	2.50	74	72	34
0.00	-0.16	4.13	232.30	4134	30.26	2.50	74	73	34
0.00	-0.16	4.15	236.79	4155	30.26	3.00	74	73	34
0.00	-0.16	4.16	237.68	4197	31.04	3.00	74	74	33
0.00	-0.16	4.18	239.48	4237	31.04	3.50	74	75	33
0.00	-0.16	4.19	242.23	4254	31.04	3.50	74	75	33
0.00	-0.16	4.21	242.23	4283	31.04	3.50	74	76	33
0.00	-0.16	4.21	244.07	4325	31.04	4.00	74	76	32
0.00	-0.16	4.22	245.91	4358	31.04	4.00	74	76	32
0.35	-0.16	4.22	251.52	4399	31.04	4.50	74	78	32
0.00	-0.16	4.23	248.70	4428	31.82	4.50	74	78	32
0.00	-0.16	4.26	248.70	4438	31.82	4.50	74	78	32
0.00	-0.16	4.23	252.46	4483	31.82	5.00	74	80	32
0.00	-0.16	4.26	254.34	4529	31.04	4.50	67	80	32
0.00	-0.16	4.27	255.29	4570	31.04	4.50	70	80	32
0.00	-0.16	4.27	257.22	4598	31.04	4.50	66	81	32
0.00	-0.16	4.27	259.14	4644	31.04	4.50	64	82	32
0.00	-0.16	4.28	261.07	4664	31.82	4.50	66	82	32
0.00	-0.16	4.31	263.00	4679	31.82	4.50	64	83	32
0.00	-0.16	4.30	263.00	4732	31.82	4.50	64	84	32
0.00	-0.16	4.31	267.93	4768	31.04	4.50	62	84	32
0.00	-0.16	4.33	267.93	4802	31.82	4.50	61	85	32
0.00	-0.16	4.31	267.93	4842	31.82	4.50	60	86	32
0.00	-0.16	4.33	269.90	4873	31.82	4.50	58	86	32
0.35	-0.16	4.34	270.89	4902	33.38	4.00	61	86	32
0.35	-0.16	4.33	269.90	4915	33.38	4.00	59	87	32
0.35	-0.16	4.35	275.93	4941	33.38	4.00	58	87	32
0.35	-0.16	4.36	274.92	4987	33.38	4.00	58	88	32
0.35	-0.16	4.35	273.92	5010	33.38	4.00	57	89	32
0.00	-0.16	4.36	275.93	5030	33.38	4.50	58	89	32
0.00	-0.16	4.36	278.96	5085	31.82	4.50	58	89	32
0.00	-0.16	4.36	280.00	5102	32.60	4.50	57	90	32
0.00	-0.16	4.37	283.09	5134	32.60	5.00	59	90	32
0.00	-0.16	4.40	283.09	5176	32.60	5.00	59	91	32
0.00	-0.16	4.41	285.15	5201	32.60	5.00	58	92	32
0.00	-0.16	4.40	289.34	5216	32.60	5.50	58	92	33
0.00	-0.16	4.43	292.51	5248	31.82	5.50	59	93	32
0.00	-0.16	4.44	291.45	5289	31.82	5.50	59	93	32
0.00	-0.16	4.44	292.51	5300	31.82	6.00	58	93	32
0.35	-0.16	4.45	294.62	5334	33.38	5.50	60	94	32
0.35	-0.16	4.45	297.84	5376	33.38	6.00	60	95	33
0.35	-0.16	4.47	297.84	5404	33.38	6.00	60	95	32
0.00	-0.16	4.47	301.09	5411	31.82	6.50	60	96	32
0.00	-0.16	4.47	300.01	5458	31.82	6.50	58	97	32
0.70	-0.16	4.47	303.25	5478	34.94	6.00	58	97	32

0.70	-0.16	4.47	302.17	5515	34.94	5.50	58	98	32
0.70	-0.16	4.48	305.46	5547	34.94	5.50	55	98	32
0.70	-0.16	4.48	303.25	5568	34.16	5.50	53	98	32
0.70	-0.16	4.48	303.25	5597	34.16	5.00	53	99	32
0.35	-0.16	4.50	307.69	5622	32.60	5.00	53	99	33
0.35	-0.16	4.49	307.69	5622	32.60	5.00	53	99	33
0.35	-0.16	4.51	306.57	5643	32.60	5.00	53	99	33
0.35	-0.16	4.51	311.03	5673	32.60	5.00	53	101	33
0.35	-0.16	4.52	309.92	5712	32.60	4.50	53	101	33
0.00	-0.16	4.51	312.15	5743	32.60	4.50	53	101	33
0.00	-0.16	4.52	313.27	5769	31.04	4.50	54	102	33
0.00	-0.16	4.54	316.69	5800	31.04	4.50	54	103	33
0.00	-0.16	4.52	317.82	5832	30.26	4.00	55	103	33
0.00	-0.16	4.54	316.69	5841	29.48	3.50	55	103	33
0.00	-0.16	4.55	317.82	5873	30.26	3.50	55	104	33
0.00	-0.16	4.55	317.82	5887	29.48	3.50	54	104	33
0.00	-0.16	4.56	316.69	5906	29.48	3.50	53	104	33
0.00	-0.16	4.55	320.10	5952	28.70	3.00	52	105	33
0.00	-0.16	4.53	318.96	5976	28.70	3.00	51	105	33
0.00	-0.16	4.55	318.96	6000	28.70	2.50	50	106	33
0.00	-0.16	4.54	316.69	5995	27.92	2.50	50	106	33
0.00	-0.16	4.54	317.82	6034	27.92	2.50	47	106	34
0.00	-0.16	4.53	316.69	6073	27.92	2.50	45	107	34
0.00	-0.16	4.53	316.69	6078	27.14	2.50	44	107	34
0.00	-0.16	4.56	314.41	6098	27.14	2.50	43	107	31
0.00	-0.16	4.51	314.41	6098	27.14	2.50	43	107	25
0.00	-0.16	4.48	311.03	6118	26.36	3.00	43	108	21
0.00	-0.16	4.43	302.17	6132	26.36	3.50	41	109	15
0.00	-0.16	4.38	286.19	6158	26.36	5.00	41	109	11
0.00	-0.16	4.34	274.92	6173	26.36	6.50	40	109	7
0.00	-0.16	4.31	267.93	6208	27.14	7.50	39	110	6
0.00	-0.16	4.31	267.93	6240	27.14	8.00	38	110	4
0.00	-0.16	4.30	267.93	6240	27.14	8.00	38	110	3
0.00	-0.16	4.30	265.96	6260	27.14	8.00	38	111	0
0.00	-0.16	4.30	263.00	6282	26.36	8.50	37	111	0
0.00	-0.16	4.28	262.03	6308	26.36	8.50	37	111	0

Duty (%)