

Line no	EngSpd RPM	EngTrq lbs-ft	EngPwr Hp	Fuel1M lbs/hr	Fuel2M lbs/hr	Ful1+2 lbs/hr	A/F Ratio	BSFC lb/hph
1	3000	431.7	246.6	59.3	56.7	116	12.8	0.47
2	3100	432.4	255.2	59.9	57.2	117.1	13	0.459
3	3200	436	265.6	62.3	58.9	121.2	12.9	0.456
4	3300	440.5	276.8	64.5	61.1	125.6	12.9	0.454
5	3400	445.8	288.6	66.1	63.7	129.8	12.9	0.45
6	3500	450.5	300.2	67.9	66.5	134.5	12.9	0.448
7	3600	453.9	311.1	69.7	69.2	138.9	12.9	0.447
8	3700	456.4	321.6	71.7	71.4	143.2	13	0.445
9	3800	458.4	331.7	74.1	73.5	147.6	13	0.445
10	3900	460.1	341.7	76.6	75.6	152.2	13.1	0.445
11	4000	461.7	351.6	78.8	77.2	156	13.2	0.444
12	4100	463.3	361.6	80.4	78.7	159	13.3	0.44
13	4200	465	371.9	82.5	80.7	163.2	13.3	0.439
14	4300	466.1	381.6	85	83.3	168.3	13.2	0.441
15	4400	466.3	390.6	87.4	85.9	173.3	13.1	0.444
16	4500	465.8	399.1	89.4	88.3	177.6	13	0.445
17	4600	464.9	407.2	91.8	90.7	182.5	12.9	0.448
18	4700	463.3	414.6	94.6	93	187.6	12.8	0.453
19	4800	460.9	421.2	96.3	94.9	191.2	12.7	0.454
20	4900	457.4	426.7	97.2	96.7	194	12.7	0.455
21	5000	452.1	430.4	99.2	99.6	198.8	12.6	0.462
22	5100	446.7	433.7	101.5	101.8	203.4	12.5	0.469
23	5200	440.3	435.9	104.2	103.3	207.5	12.4	0.476
24	5300	433.2	437.2	106.8	104.1	210.9	12.4	0.482
25	5400	425.2	437.1	109.8	105.6	215.4	12.3	0.493
26	5500	417.8	437.5	110.1	107.2	217.3	12.2	0.497
27	5600	409.6	436.7	109.1	108.7	217.8	12.3	0.499
28	5700	400.6	434.8	108	109.6	217.5	12.3	0.5
29	5800	391.6	432.5	106.7	109.5	216.2	12.4	0.5
30	5900	382.2	429.4	106.5	108.3	214.8	12.6	0.5
31	6000	374	427.2	107.2	107.4	214.7	12.7	0.502

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CoolIn degF	EngSpd RPM	STPTrq Clb-ft	STPPwr CHp	Ful1+2 lbs/hr	Man_P InHg	Oil_P 0-150p	LamAF1 Ratio	BSFC lb/hph
0	3000	458.1	261.7	116	-0.2	74.6	13.1	0.47
0	3100	458.9	270.9	117.1	-0.2	74.6	12.3	0.459
0	3200	462.7	281.9	121.2	-0.2	74.8	11.9	0.456
0	3300	467.6	293.8	125.6	-0.2	74.9	11.9	0.454
0	3400	473.3	306.4	129.8	-0.2	75.2	12	0.45
0	3500	478.3	318.8	134.5	-0.2	75.4	12	0.448
0	3600	482	330.4	138.9	-0.2	75.6	12.1	0.447
0	3700	484.8	341.5	143.2	-0.1	75.6	12.2	0.445
0	3800	487	352.3	147.6	-0.1	75.8	12.2	0.445
0	3900	488.8	363	152.2	-0.1	75.9	12.3	0.445
0	4000	490.5	373.6	156	-0.1	76	12.3	0.444
0	4100	492.3	384.3	159	-0.1	76.1	12.3	0.44
0	4200	494.2	395.2	163.2	-0.1	76.3	12.4	0.439
0	4300	495.4	405.6	168.3	-0.1	76.4	12.4	0.441
0	4400	495.7	415.3	173.3	-0.1	76.5	12.5	0.444
0	4500	495.3	424.4	177.6	-0.1	76.7	12.6	0.445
0	4600	494.4	433	182.5	-0.2	76.8	12.6	0.448
0	4700	492.8	441	187.6	-0.2	77	12.6	0.453
0	4800	490.3	448.1	191.2	-0.1	77.1	12.7	0.454
0	4900	486.8	454.1	194	-0.2	77.2	12.8	0.455
0	5000	481.2	458.1	198.8	-0.2	77.2	12.8	0.462
0	5100	475.6	461.8	203.4	-0.2	77.2	12.7	0.469
0	5200	469	464.3	207.5	-0.1	77.2	12.7	0.476
0	5300	461.6	465.9	210.9	-0.1	77.1	12.6	0.482
0	5400	453.3	466.1	215.4	-0.2	77.1	12.5	0.493
0	5500	445.7	466.8	217.3	-0.2	77	12.4	0.497
0	5600	437.2	466.1	217.8	-0.2	77.1	12.3	0.499
0	5700	427.9	464.4	217.5	-0.2	77.2	12.3	0.5
0	5800	418.5	462.2	216.2	-0.2	77.5	12.3	0.5
0	5900	408.7	459.2	214.8	-0.2	77.8	12.4	0.5
0	6000	400.2	457.2	214.7	-0.2	78	12.4	0.502

BMEP psi	EngSpd RPM	STPPwr CHp	Boost psig	Fuel_P 0-150p	Man_P InHg	BoostP 0-100p	CrkVac InHg	Oil_P 0-150p
158.7	3000	261.7	-0.1	7.5	-0.2	0.1	0.1	74.6
158.9	3100	270.9	-0.1	7.5	-0.2	0.1	0.1	74.6
160.3	3200	281.9	-0.1	7.5	-0.2	0.1	0.1	74.8
161.9	3300	293.8	-0.1	7.5	-0.2	0.1	0.1	74.9
163.9	3400	306.4	-0.1	7.5	-0.2	0.1	0.1	75.2
165.6	3500	318.8	-0.1	7.5	-0.2	0.1	0.1	75.4
166.8	3600	330.4	-0.1	7.5	-0.2	0.1	0.1	75.6
167.8	3700	341.5	-0.1	7.5	-0.1	0.1	0.1	75.6
168.5	3800	352.3	-0.1	7.5	-0.1	0.1	0.1	75.8
169.1	3900	363	-0.1	7.4	-0.1	0.1	0.1	75.9
169.7	4000	373.6	-0.1	7.4	-0.1	0.1	0.1	76
170.3	4100	384.3	-0.1	7.4	-0.1	0.1	0.1	76.1
170.9	4200	395.2	-0.1	7.4	-0.1	0.1	0.1	76.3
171.3	4300	405.6	-0.1	7.4	-0.1	0.1	0.1	76.4
171.4	4400	415.3	-0.1	7.4	-0.1	0.1	0.1	76.5
171.2	4500	424.4	-0.1	7.4	-0.1	0.1	0.1	76.7
170.9	4600	433	-0.1	7.5	-0.2	0.1	0.1	76.8
170.3	4700	441	-0.1	7.4	-0.2	0.1	0.1	77
169.4	4800	448.1	-0.1	7.4	-0.1	0.1	0.1	77.1
168.1	4900	454.1	-0.1	7.4	-0.2	0.1	0.1	77.2
166.2	5000	458.1	-0.1	7.4	-0.2	0.1	0.1	77.2
164.2	5100	461.8	-0.1	7.4	-0.2	0.1	0.1	77.2
161.8	5200	464.3	-0.1	7.4	-0.1	0.1	0.1	77.2
159.2	5300	465.9	-0.1	7.4	-0.1	0.1	0.1	77.1
156.3	5400	466.1	-0.1	7.4	-0.2	0.1	0.1	77.1
153.6	5500	466.8	-0.1	7.4	-0.2	0.1	0.1	77
150.5	5600	466.1	-0.1	7.4	-0.2	0.1	0.1	77.1
147.3	5700	464.4	-0.1	7.4	-0.2	0.1	0.1	77.2
143.9	5800	462.2	-0.1	7.4	-0.2	0.1	0.1	77.5
140.5	5900	459.2	-0.1	7.4	-0.2	0.1	0.1	77.8
137.5	6000	457.2	-0.1	7.4	-0.2	0.1	0.1	78

Exh 8 degF	EngSpd RPM	CoolIn degF	CoolOt degF	OilIn degF	OilOut degF	Fuel_P 0-150p	Plenum degF	AirIn degF	
0	3000	0	136	0	0	7.5	0	0	0
0	3100	0	136	0	0	7.5	0	0	0
0	3200	0	137	0	0	7.5	0	0	0
0	3300	0	137	0	0	7.5	0	0	0
0	3400	0	137	0	0	7.5	0	0	0
0	3500	0	137	0	0	7.5	0	0	0
0	3600	0	137	0	0	7.5	0	0	0
0	3700	0	137	0	0	7.5	0	0	0
0	3800	0	138	0	0	7.5	0	0	0
0	3900	0	138	0	0	7.4	0	0	0
0	4000	0	138	0	0	7.4	0	0	0
0	4100	0	138	0	0	7.4	0	0	0
0	4200	0	138	0	0	7.4	0	0	0
0	4300	0	138	0	0	7.4	0	0	0
0	4400	0	138	0	0	7.4	0	0	0
0	4500	0	138	0	0	7.4	0	0	0
0	4600	0	139	0	0	7.5	0	0	0
0	4700	0	139	0	0	7.4	0	0	0
0	4800	0	139	0	0	7.4	0	0	0
0	4900	0	139	0	0	7.4	0	0	0
0	5000	0	139	0	0	7.4	0	0	0
0	5100	0	139	0	0	7.4	0	0	0
0	5200	0	139	0	0	7.4	0	0	0
0	5300	0	139	0	0	7.4	0	0	0
0	5400	0	140	0	0	7.4	0	0	0
0	5500	0	140	0	0	7.4	0	0	0
0	5600	0	140	0	0	7.4	0	0	0
0	5700	0	141	0	0	7.4	0	0	0
0	5800	0	141	0	0	7.4	0	0	0
0	5900	0	141	0	0	7.4	0	0	0
0	6000	0	141	0	0	7.4	0	0	0

-----	EngSpd	Fuel1M	Fuel2M	Ful1+2	Air1+2	BSAC	Air_1s	STPPwr
-----	RPM	lbs/hr	lbs/hr	lbs/hr	SCFM	lb/hph	SCFM	CHp
0	3000	59.3	56.7	116	326	6.03	326	261.7
0	3100	59.9	57.2	117.1	333	5.95	333	270.9
0	3200	62.3	58.9	121.2	343	5.88	343	281.9
0	3300	64.5	61.1	125.6	355	5.84	355	293.8
0	3400	66.1	63.7	129.8	368	5.82	368	306.4
0	3500	67.9	66.5	134.5	381	5.78	381	318.8
0	3600	69.7	69.2	138.9	393	5.77	393	330.4
0	3700	71.7	71.4	143.2	408	5.78	408	341.5
0	3800	74.1	73.5	147.6	422	5.8	422	352.3
0	3900	76.6	75.6	152.2	437	5.83	437	363
0	4000	78.8	77.2	156	451	5.85	451	373.6
0	4100	80.4	78.7	159	465	5.86	465	384.3
0	4200	82.5	80.7	163.2	476	5.84	476	395.2
0	4300	85	83.3	168.3	487	5.82	487	405.6
0	4400	87.4	85.9	173.3	498	5.81	498	415.3
0	4500	89.4	88.3	177.6	508	5.8	508	424.4
0	4600	91.8	90.7	182.5	516	5.78	516	433
0	4700	94.6	93	187.6	525	5.77	525	441
0	4800	96.3	94.9	191.2	533	5.77	533	448.1
0	4900	97.2	96.7	194	540	5.77	540	454.1
0	5000	99.2	99.6	198.8	549	5.82	549	458.1
0	5100	101.5	101.8	203.4	558	5.86	558	461.8
0	5200	104.2	103.3	207.5	566	5.92	566	464.3
0	5300	106.8	104.1	210.9	573	5.98	573	465.9
0	5400	109.8	105.6	215.4	579	6.04	579	466.1
0	5500	110.1	107.2	217.3	584	6.08	584	466.8
0	5600	109.1	108.7	217.8	586	6.12	586	466.1
0	5700	108	109.6	217.5	588	6.17	588	464.4
0	5800	106.7	109.5	216.2	590	6.22	590	462.2
0	5900	106.5	108.3	214.8	593	6.29	593	459.2
0	6000	107.2	107.4	214.7	596	6.36	596	457.2

Fuel_P 0-150p	EngSpd RPM	ElpsTm Secnds	ServoV %	Accel RPM/s	Inrtia factor	InrtTq lb-ft	TotPwr Hp	EngPwr Hp
7.5	3000	0.57	96	120.923	0.027	3.3	248.5	246.6
7.5	3100	1.08	95	201.13	0.027	5.4	258.4	255.2
7.5	3200	1.52	94	233.852	0.027	6.3	269.5	265.6
7.5	3300	1.91	92	251.509	0.027	6.8	281.1	276.8
7.5	3400	2.3	89	260.353	0.027	7	293.2	288.6
7.5	3500	2.67	87	274.356	0.027	7.4	305.2	300.2
7.5	3600	3.01	84	286.4	0.027	7.7	316.4	311.1
7.5	3700	3.35	82	300.297	0.027	8.1	327.3	321.6
7.5	3800	3.67	80	311.261	0.027	8.4	337.8	331.7
7.4	3900	3.98	78	319.872	0.027	8.6	348.1	341.7
7.4	4000	4.29	76	315.845	0.027	8.5	358.1	351.6
7.4	4100	4.61	74	310.027	0.027	8.4	368.2	361.6
7.4	4200	4.95	73	301.743	0.027	8.1	378.4	371.9
7.4	4300	5.28	71	303.368	0.027	8.2	388.3	381.6
7.4	4400	5.6	70	306.827	0.027	8.3	397.6	390.6
7.4	4500	5.94	68	298.106	0.027	8	406	399.1
7.5	4600	6.28	66	285.523	0.027	7.7	414	407.2
7.4	4700	6.65	64	274.366	0.027	7.4	421.3	414.6
7.4	4800	7.01	62	282.061	0.027	7.6	428.2	421.2
7.4	4900	7.34	59	280.649	0.027	7.6	433.8	426.7
7.4	5000	7.75	56	264.513	0.027	7.1	437.2	430.4
7.4	5100	8.11	52	272.199	0.027	7.3	440.9	433.7
7.4	5200	8.45	49	294.119	0.027	7.9	443.8	435.9
7.4	5300	8.78	46	285.673	0.027	7.7	444.9	437.2
7.4	5400	9.18	41	260.977	0.027	7	444.4	437.1
7.4	5500	9.56	37	262.772	0.027	7.1	445	437.5
7.4	5600	9.93	32	279.123	0.027	7.5	444.7	436.7
7.4	5700	10.27	27	297.458	0.027	8	443.5	434.8
7.4	5800	10.58	23	311.033	0.027	8.4	441.7	432.5
7.4	5900	10.89	19	337.582	0.027	9.1	439.6	429.4
7.4	6000	11.15	15	367.565	0.027	9.9	438.6	427.2

EngTrq lbs-ft	EngSpd RPM	STPPwr CHp	STPTRq Clb-ft	LamAF1 Ratio	Air_1s SCFM	VolEff %	Air1+2 SCFM	BSAC lb/hph
431.7	3000	261.7	458.1	13.1	326	96.8	326	6.03
432.4	3100	270.9	458.9	12.3	333	95.7	333	5.95
436	3200	281.9	462.7	11.9	343	95.4	343	5.88
440.5	3300	293.8	467.6	11.9	355	95.7	355	5.84
445.8	3400	306.4	473.3	12	368	96.5	368	5.82
450.5	3500	318.8	478.3	12	381	96.9	381	5.78
453.9	3600	330.4	482	12.1	393	97.3	393	5.77
456.4	3700	341.5	484.8	12.2	408	98.2	408	5.78
458.4	3800	352.3	487	12.2	422	99	422	5.8
460.1	3900	363	488.8	12.3	437	99.7	437	5.83
461.7	4000	373.6	490.5	12.3	451	100.5	451	5.85
463.3	4100	384.3	492.3	12.3	465	101	465	5.86
465	4200	395.2	494.2	12.4	476	101	476	5.84
466.1	4300	405.6	495.4	12.4	487	100.9	487	5.82
466.3	4400	415.3	495.7	12.5	498	100.7	498	5.81
465.8	4500	424.4	495.3	12.6	508	100.5	508	5.8
464.9	4600	433	494.4	12.6	516	99.9	516	5.78
463.3	4700	441	492.8	12.6	525	99.4	525	5.77
460.9	4800	448.1	490.3	12.7	533	98.9	533	5.77
457.4	4900	454.1	486.8	12.8	540	98.2	540	5.77
452.1	5000	458.1	481.2	12.8	549	97.8	549	5.82
446.7	5100	461.8	475.6	12.7	558	97.4	558	5.86
440.3	5200	464.3	469	12.7	566	96.9	566	5.92
433.2	5300	465.9	461.6	12.6	573	96.3	573	5.98
425.2	5400	466.1	453.3	12.5	579	95.6	579	6.04
417.8	5500	466.8	445.7	12.4	584	94.5	584	6.08
409.6	5600	466.1	437.2	12.3	586	93.3	586	6.12
400.6	5700	464.4	427.9	12.3	588	91.9	588	6.17
391.6	5800	462.2	418.5	12.3	590	90.5	590	6.22
382.2	5900	459.2	408.7	12.4	593	89.4	593	6.29
374	6000	457.2	400.2	12.4	596	88.4	596	6.36

BlowBy cfm	LineNo	EngBor inches	EngStr inches	EngCyl number	EngCyc cycles	Displ ci	OvrRat Ratio	SetPt1
0	1	4.04	4	8	4	410.3	1	3118
0	2	4.04	4	8	4	410.3	1	3271
0	3	4.04	4	8	4	410.3	1	3403
0	4	4.04	4	8	4	410.3	1	3520
0	5	4.04	4	8	4	410.3	1	3637
0	6	4.04	4	8	4	410.3	1	3749
0	7	4.04	4	8	4	410.3	1	3851
0	8	4.04	4	8	4	410.3	1	3953
0	9	4.04	4	8	4	410.3	1	4049
0	10	4.04	4	8	4	410.3	1	4142
0	11	4.04	4	8	4	410.3	1	4235
0	12	4.04	4	8	4	410.3	1	4331
0	13	4.04	4	8	4	410.3	1	4433
0	14	4.04	4	8	4	410.3	1	4532
0	15	4.04	4	8	4	410.3	1	4628
0	16	4.04	4	8	4	410.3	1	4730
0	17	4.04	4	8	4	410.3	1	4832
0	18	4.04	4	8	4	410.3	1	4943
0	19	4.04	4	8	4	410.3	1	5051
0	20	4.04	4	8	4	410.3	1	5150
0.01	21	4.04	4	8	4	410.3	1	5274
0.01	22	4.04	4	8	4	410.3	1	5382
0.01	23	4.04	4	8	4	410.3	1	5484
0.01	24	4.04	4	8	4	410.3	1	5583
0	25	4.04	4	8	4	410.3	1	5703
0.01	26	4.04	4	8	4	410.3	1	5817
0.01	27	4.04	4	8	4	410.3	1	5928
0.01	28	4.04	4	8	4	410.3	1	6030
0	29	4.04	4	8	4	410.3	1	6123
0	30	4.04	4	8	4	410.3	1	6216
0	31	4.04	4	8	4	410.3	1	6294

ServoV %	LineNo	STPCor Factor	SAECor Factor	Baro P InHga	AirInT degF	Vap P InHg	Humidy %	AirDen lb/cft	
	96	1	1.053	1.012	29.11	75	0.28	31.5	0.072
	95	2	1.053	1.012	29.11	75	0.28	31.5	0.072
	94	3	1.053	1.012	29.11	75	0.28	31.5	0.072
	92	4	1.053	1.012	29.11	75	0.28	31.5	0.072
	89	5	1.053	1.012	29.11	75	0.28	31.5	0.072
	87	6	1.053	1.012	29.11	75	0.28	31.6	0.072
	84	7	1.053	1.012	29.11	75	0.28	31.6	0.072
	82	8	1.053	1.012	29.11	75	0.28	31.6	0.072
	80	9	1.053	1.012	29.11	75	0.28	31.6	0.072
	78	10	1.053	1.012	29.11	75	0.28	31.6	0.072
	76	11	1.053	1.012	29.11	75	0.28	31.6	0.072
	74	12	1.053	1.012	29.11	75	0.28	31.6	0.072
	73	13	1.053	1.012	29.11	75	0.28	31.6	0.072
	71	14	1.053	1.012	29.11	75	0.28	31.6	0.072
	70	15	1.053	1.012	29.11	75	0.28	31.6	0.072
	68	16	1.052	1.012	29.11	74.9	0.28	31.6	0.072
	66	17	1.052	1.012	29.11	74.9	0.28	31.6	0.072
	64	18	1.052	1.012	29.11	74.9	0.28	31.6	0.072
	62	19	1.052	1.012	29.11	74.9	0.28	31.6	0.072
	59	20	1.052	1.012	29.11	74.9	0.28	31.6	0.072
	56	21	1.052	1.012	29.11	74.9	0.28	31.6	0.072
	52	22	1.052	1.012	29.11	74.9	0.28	31.6	0.072
	49	23	1.052	1.012	29.11	74.9	0.28	31.6	0.072
	46	24	1.052	1.012	29.11	74.9	0.28	31.6	0.072
	41	25	1.052	1.012	29.11	74.9	0.28	31.7	0.072
	37	26	1.052	1.012	29.11	74.9	0.28	31.7	0.072
	32	27	1.052	1.012	29.11	74.9	0.28	31.7	0.072
	27	28	1.052	1.012	29.11	74.9	0.28	31.7	0.072
	23	29	1.052	1.012	29.11	74.9	0.28	31.7	0.072
	19	30	1.052	1.012	29.11	74.9	0.28	31.7	0.072
	15	31	1.052	1.012	29.11	74.9	0.28	31.8	0.072

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