

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	429.1	245.1	55.8	55.1	110.9		0 0.452
2	3100	429.1	253.3	55.9	55.3	111.3		0 0.439
3	3200	433.9	264.4	57.4	57.6	115		0 0.435
4	3300	438.9	275.7	59	59.4	118.4		0 0.429
5	3400	443.9	287.4	60.8	61.5	122.3		0 0.425
6	3500	449	299.2	62.4	64	126.4		0 0.422
7	3600	453.5	310.8	64.3	66.6	130.9		0 0.421
8	3700	456.8	321.8	66.6	68.8	135.4		0 0.421
9	3800	459.5	332.5	69	71	140.1		0 0.421
10	3900	461.7	342.9	71.8	73.7	145.5		0 0.424
11	4000	463.6	353.1	75.2	76.6	151.8		0 0.43
12	4100	465.1	363.1	78.8	79	157.8		0 0.435
13	4200	466.3	372.9	82.3	80.5	162.8		0 0.436
14	4300	467.5	382.8	84.9	81.4	166.3		0 0.435
15	4400	468.2	392.3	86.9	82.9	169.8		0 0.433
16	4500	468.2	401.1	89	84.8	173.8		0 0.433
17	4600	467.1	409.1	91.5	88.1	179.6		0 0.439
18	4700	465.3	416.4	94.5	91.3	185.8		0 0.446
19	4800	462.5	422.7	97.7	94	191.6		0 0.453
20	4900	458.8	428.1	100.1	96.1	196.3		0 0.458
21	5000	454.1	432.3	102.2	99	201.2		0 0.465
22	5100	448.8	435.8	103.6	101.2	204.7		0 0.47
23	5200	442.6	438.2	103.6	101.4	205		0 0.468
24	5300	435.4	439.4	103.9	101.1	205		0 0.467
25	5400	427.6	439.6	104.7	101.9	206.7		0 0.47
26	5500	419.9	439.8	106.2	103.5	209.7		0 0.477
27	5600	411.4	438.7	107	104.4	211.5		0 0.482
28	5700	402.5	436.8	106.9	104	210.9		0 0.483
29	5800	391.2	432	106.2	103.7	209.9		0 0.486
30	5900	381.8	428.9	106.3	104.2	210.5		0 0.491
31	6000	372.6	425.6	107.2	105.8	213.1		0 0.501

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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	453.2	258.9	110.9	0	74.3	12.7	0.452
0	3100	453.3	267.6	111.3	0	74.3	12.4	0.439
0	3200	458.4	279.3	115	0	74.5	12.1	0.435
0	3300	463.7	291.3	118.4	0	74.6	12	0.429
0	3400	469.1	303.7	122.3	0	74.8	12	0.425
0	3500	474.4	316.2	126.4	0	75.1	11.9	0.422
0	3600	479.3	328.5	130.9	0	75.2	12	0.421
0	3700	482.8	340.2	135.4	0	75.4	12.2	0.421
0	3800	485.8	351.5	140.1	0	75.6	12.4	0.421
0	3900	488.1	362.5	145.5	0	76	12.3	0.424
0	4000	490.2	373.3	151.8	0	76.1	12.3	0.43
0	4100	491.9	384	157.8	0	76.1	12.3	0.435
0	4200	493.2	394.4	162.8	0	76	12.5	0.436
0	4300	494.5	404.9	166.3	0	76	12.7	0.435
0	4400	495.3	415	169.8	0	76.1	12.7	0.433
0	4500	495.3	424.4	173.8	0	76.2	12.7	0.433
0	4600	494.3	433	179.6	0	76.5	12.8	0.439
0	4700	492.6	440.8	185.8	0	76.6	12.9	0.446
0	4800	489.7	447.5	191.6	0	76.7	12.8	0.453
0	4900	485.9	453.3	196.3	0	76.8	12.8	0.458
0	5000	481	457.9	201.2	0	76.8	12.8	0.465
0	5100	475.5	461.7	204.7	0	76.8	12.8	0.47
0	5200	469.1	464.5	205	0	76.7	12.6	0.468
0	5300	461.7	465.9	205	0	76.6	12.6	0.467
0	5400	453.6	466.4	206.7	0	76.5	12.6	0.47
0	5500	445.7	466.7	209.7	-0.1	76.5	12.6	0.477
0	5600	436.9	465.9	211.5	-0.1	76.6	12.4	0.482
0	5700	427.7	464.1	210.9	-0.1	76.7	12.3	0.483
0	5800	415.9	459.3	209.9	-0.1	76.8	12.3	0.486
0	5900	406.2	456.3	210.5	-0.1	77	12.3	0.491
0	6000	396.6	453.1	213.1	-0.1	77.2	12.3	0.501

BMEP psi	EngSpd RPM	STPPwr CHp	Boost psig	Fuel_P 0-150p	Man_P InHg	BoostP 0-100p	CrkVac InHg	Oil_P 0-150p
157.7	3000	258.9	0	7.7	0	0.1	0.1	74.3
157.7	3100	267.6	0	7.7	0	0.1	0.1	74.3
159.5	3200	279.3	0	7.6	0	0.1	0.1	74.5
161.3	3300	291.3	0	7.6	0	0.1	0.1	74.6
163.2	3400	303.7	0	7.6	0	0.1	0.1	74.8
165	3500	316.2	0	7.6	0	0.1	0.1	75.1
166.7	3600	328.5	0	7.6	0	0.1	0.1	75.2
167.9	3700	340.2	0	7.5	0	0.2	0.1	75.4
168.9	3800	351.5	0	7.5	0	0.2	0.1	75.6
169.7	3900	362.5	0	7.5	0	0.2	0.1	76
170.4	4000	373.3	0	7.5	0	0.1	0.1	76.1
171	4100	384	0	7.5	0	0.1	0.1	76.1
171.4	4200	394.4	0	7.5	0	0.2	0.1	76
171.8	4300	404.9	0	7.5	0	0.2	0.1	76
172.1	4400	415	0	7.5	0	0.2	0.1	76.1
172.1	4500	424.4	0	7.5	0	0.2	0.1	76.2
171.7	4600	433	0	7.5	0	0.2	0.1	76.5
171	4700	440.8	0	7.5	0	0.2	0.1	76.6
170	4800	447.5	0	7.5	0	0.1	0.1	76.7
168.6	4900	453.3	0	7.5	0	0.1	0.1	76.8
166.9	5000	457.9	0	7.5	0	0.1	0.2	76.8
165	5100	461.7	0	7.5	0	0.1	0.1	76.8
162.7	5200	464.5	0	7.5	0	0.1	0.1	76.7
160	5300	465.9	0	7.5	0	0.1	0.1	76.6
157.2	5400	466.4	0	7.5	0	0.1	0.1	76.5
154.4	5500	466.7	0	7.5	-0.1	0.1	0.1	76.5
151.2	5600	465.9	0	7.5	-0.1	0.1	0.1	76.6
147.9	5700	464.1	0	7.5	-0.1	0.1	0.1	76.7
143.8	5800	459.3	0	7.5	-0.1	0.1	0.1	76.8
140.3	5900	456.3	0	7.5	-0.1	0.1	0.1	77
136.9	6000	453.1	0	7.5	-0.1	0.1	0.1	77.2

InletP +/-30p	EngSpd RPM	Exh 1 degF	Exh 2 degF	Exh 3 degF	Exh 4 degF	Exh 5 degF	Exh 6 degF	Exh 7 degF
0.1	3000	0	0	0	0	0	0	0
0.1	3100	0	0	0	0	0	0	0
0.1	3200	0	0	0	0	0	0	0
0.1	3300	0	0	0	0	0	0	0
0.1	3400	0	0	0	0	0	0	0
0.1	3500	0	0	0	0	0	0	0
0.1	3600	0	0	0	0	0	0	0
0.1	3700	0	0	0	0	0	0	0
0.1	3800	0	0	0	0	0	0	0
0.1	3900	0	0	0	0	0	0	0
0.1	4000	0	0	0	0	0	0	0
0.1	4100	0	0	0	0	0	0	0
0.1	4200	0	0	0	0	0	0	0
0.1	4300	0	0	0	0	0	0	0
0.1	4400	0	0	0	0	0	0	0
0	4500	0	0	0	0	0	0	0
0	4600	0	0	0	0	0	0	0
0.1	4700	0	0	0	0	0	0	0
0.1	4800	0	0	0	0	0	0	0
0.1	4900	0	0	0	0	0	0	0
0	5000	0	0	0	0	0	0	0
0	5100	0	0	0	0	0	0	0
0	5200	0	0	0	0	0	0	0
0.1	5300	0	0	0	0	0	0	0
0.1	5400	0	0	0	0	0	0	0
0	5500	0	0	0	0	0	0	0
0	5600	0	0	0	0	0	0	0
0	5700	0	0	0	0	0	0	0
0	5800	0	0	0	0	0	0	0
0	5900	0	0	0	0	0	0	0
0.1	6000	0	0	0	0	0	0	0

Exh 8 degF	EngSpd RPM	CoolIn degF	CoolOt degF	OilIn degF	OilOut degF	Fuel_P 0-150p	Plenum degF	AirIn degF	
0	3000	0	135	0	0	7.7	0	0	0
0	3100	0	135	0	0	7.7	0	0	0
0	3200	0	135	0	0	7.6	0	0	0
0	3300	0	135	0	0	7.6	0	0	0
0	3400	0	136	0	0	7.6	0	0	0
0	3500	0	136	0	0	7.6	0	0	0
0	3600	0	136	0	0	7.6	0	0	0
0	3700	0	136	0	0	7.5	0	0	0
0	3800	0	136	0	0	7.5	0	0	0
0	3900	0	136	0	0	7.5	0	0	0
0	4000	0	136	0	0	7.5	0	0	0
0	4100	0	137	0	0	7.5	0	0	0
0	4200	0	137	0	0	7.5	0	0	0
0	4300	0	137	0	0	7.5	0	0	0
0	4400	0	138	0	0	7.5	0	0	0
0	4500	0	138	0	0	7.5	0	0	0
0	4600	0	138	0	0	7.5	0	0	0
0	4700	0	138	0	0	7.5	0	0	0
0	4800	0	138	0	0	7.5	0	0	0
0	4900	0	139	0	0	7.5	0	0	0
0	5000	0	139	0	0	7.5	0	0	0
0	5100	0	139	0	0	7.5	0	0	0
0	5200	0	139	0	0	7.5	0	0	0
0	5300	0	140	0	0	7.5	0	0	0
0	5400	0	140	0	0	7.5	0	0	0
0	5500	0	140	0	0	7.5	0	0	0
0	5600	0	141	0	0	7.5	0	0	0
0	5700	0	141	0	0	7.5	0	0	0
0	5800	0	141	0	0	7.5	0	0	0
0	5900	0	141	0	0	7.5	0	0	0
0	6000	0	141	0	0	7.5	0	0	0

-----	EngSpd	Fuel1M	Fuel2M	Ful1+2	Air1+2	BSAC	Air_1s	Air_2s		
-----	RPM	lbs/hr	lbs/hr	lbs/hr	SCFM	lb/hph	SCFM	SCFM		
0	3000	55.8	55.1	110.9		0	0	0	0	0
0	3100	55.9	55.3	111.3		0	0	0	0	0
0	3200	57.4	57.6	115		0	0	0	0	0
0	3300	59	59.4	118.4		0	0	0	0	0
0	3400	60.8	61.5	122.3		0	0	0	0	0
0	3500	62.4	64	126.4		0	0	0	0	0
0	3600	64.3	66.6	130.9		0	0	0	0	0
0	3700	66.6	68.8	135.4		0	0	0	0	0
0	3800	69	71	140.1		0	0	0	0	0
0	3900	71.8	73.7	145.5		0	0	0	0	0
0	4000	75.2	76.6	151.8		0	0	0	0	0
0	4100	78.8	79	157.8		0	0	0	0	0
0	4200	82.3	80.5	162.8		0	0	0	0	0
0	4300	84.9	81.4	166.3		0	0	0	0	0
0	4400	86.9	82.9	169.8		0	0	0	0	0
0	4500	89	84.8	173.8		0	0	0	0	0
0	4600	91.5	88.1	179.6		0	0	0	0	0
0	4700	94.5	91.3	185.8		0	0	0	0	0
0	4800	97.7	94	191.6		0	0	0	0	0
0	4900	100.1	96.1	196.3		0	0	0	0	0
0	5000	102.2	99	201.2		0	0	0	0	0
0	5100	103.6	101.2	204.7		0	0	0	0	0
0	5200	103.6	101.4	205		0	0	0	0	0
0	5300	103.9	101.1	205		0	0	0	0	0
0	5400	104.7	101.9	206.7		0	0	0	0	0
0	5500	106.2	103.5	209.7		0	0	0	0	0
0	5600	107	104.4	211.5		0	0	0	0	0
0	5700	106.9	104	210.9		0	0	0	0	0
0	5800	106.2	103.7	209.9		0	0	0	0	0
0	5900	106.3	104.2	210.5		0	0	0	0	0
0	6000	107.2	105.8	213.1		0	0	0	0	0

Fuel_P 0-150p	EngSpd RPM	ElpsTm Secnds	ServoV %	Accel RPM/s	Inrtia factor	InrtTq lb-ft	TotPwr Hp	EngPwr Hp
7.7	3000	0.57	96	125.854	0.027	3.4	247.1	245.1
7.7	3100	1.06	95	202.94	0.027	5.5	256.5	253.3
7.6	3200	1.52	93	233.598	0.027	6.3	268.2	264.4
7.6	3300	1.89	91	261.014	0.027	7	280.2	275.7
7.6	3400	2.26	89	270.166	0.027	7.3	292.1	287.4
7.6	3500	2.63	87	272.328	0.027	7.4	304.1	299.2
7.6	3600	3	84	285.843	0.027	7.7	316.1	310.8
7.5	3700	3.32	82	302.424	0.027	8.2	327.6	321.8
7.5	3800	3.63	80	314.936	0.027	8.5	338.6	332.5
7.5	3900	3.95	78	316.169	0.027	8.5	349.2	342.9
7.5	4000	4.27	76	313.007	0.027	8.5	359.5	353.1
7.5	4100	4.59	74	311.382	0.027	8.4	369.7	363.1
7.5	4200	4.91	73	314.652	0.027	8.5	379.7	372.9
7.5	4300	5.24	72	304.047	0.027	8.2	389.5	382.8
7.5	4400	5.57	70	294.037	0.027	7.9	398.9	392.3
7.5	4500	5.92	69	289.835	0.027	7.8	407.8	401.1
7.5	4600	6.28	67	279.342	0.027	7.5	415.7	409.1
7.5	4700	6.63	65	282.817	0.027	7.6	423.2	416.4
7.5	4800	6.98	62	290.677	0.027	7.8	429.9	422.7
7.5	4900	7.32	60	282.706	0.027	7.6	435.2	428.1
7.5	5000	7.7	57	268.856	0.027	7.3	439.2	432.3
7.5	5100	8.08	54	264.147	0.027	7.1	442.7	435.8
7.5	5200	8.44	50	274.39	0.027	7.4	445.5	438.2
7.5	5300	8.8	46	273.768	0.027	7.4	446.8	439.4
7.5	5400	9.18	41	267.555	0.027	7.2	447.1	439.6
7.5	5500	9.55	37	271.36	0.027	7.3	447.4	439.8
7.5	5600	9.91	32	288.801	0.027	7.8	447	438.7
7.5	5700	10.23	28	291.352	0.027	7.9	445.4	436.8
7.5	5800	10.6	22	309.263	0.027	8.4	441.2	432
7.5	5900	10.88	19	345.882	0.027	9.3	439.4	428.9
7.5	6000	11.13	16	368.791	0.027	10	437	425.6

EngTrq lbs-ft	EngSpd RPM	STPPwr CHp	STPTRq Clb-ft	LamAF1 Ratio	Air_1s SCFM	VolEff %	Air1+2 SCFM	BSAC lb/hph
429.1	3000	258.9	453.2	12.7	0	0	0	0
429.1	3100	267.6	453.3	12.4	0	0	0	0
433.9	3200	279.3	458.4	12.1	0	0	0	0
438.9	3300	291.3	463.7	12	0	0	0	0
443.9	3400	303.7	469.1	12	0	0	0	0
449	3500	316.2	474.4	11.9	0	0	0	0
453.5	3600	328.5	479.3	12	0	0	0	0
456.8	3700	340.2	482.8	12.2	0	0	0	0
459.5	3800	351.5	485.8	12.4	0	0	0	0
461.7	3900	362.5	488.1	12.3	0	0	0	0
463.6	4000	373.3	490.2	12.3	0	0	0	0
465.1	4100	384	491.9	12.3	0	0	0	0
466.3	4200	394.4	493.2	12.5	0	0	0	0
467.5	4300	404.9	494.5	12.7	0	0	0	0
468.2	4400	415	495.3	12.7	0	0	0	0
468.2	4500	424.4	495.3	12.7	0	0	0	0
467.1	4600	433	494.3	12.8	0	0	0	0
465.3	4700	440.8	492.6	12.9	0	0	0	0
462.5	4800	447.5	489.7	12.8	0	0	0	0
458.8	4900	453.3	485.9	12.8	0	0	0	0
454.1	5000	457.9	481	12.8	0	0	0	0
448.8	5100	461.7	475.5	12.8	0	0	0	0
442.6	5200	464.5	469.1	12.6	0	0	0	0
435.4	5300	465.9	461.7	12.6	0	0	0	0
427.6	5400	466.4	453.6	12.6	0	0	0	0
419.9	5500	466.7	445.7	12.6	0	0	0	0
411.4	5600	465.9	436.9	12.4	0	0	0	0
402.5	5700	464.1	427.7	12.3	0	0	0	0
391.2	5800	459.3	415.9	12.3	0	0	0	0
381.8	5900	456.3	406.2	12.3	0	0	0	0
372.6	6000	453.1	396.6	12.3	0	0	0	0

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	3121
0	2	4.04	4	8	4	410.3	1	3268
0	3	4.04	4	8	4	410.3	1	3406
0	4	4.04	4	8	4	410.3	1	3517
0	5	4.04	4	8	4	410.3	1	3628
0	6	4.04	4	8	4	410.3	1	3740
0	7	4.04	4	8	4	410.3	1	3851
0	8	4.04	4	8	4	410.3	1	3947
0	9	4.04	4	8	4	410.3	1	4040
0	10	4.04	4	8	4	410.3	1	4136
0	11	4.04	4	8	4	410.3	1	4232
0	12	4.04	4	8	4	410.3	1	4328
0	13	4.04	4	8	4	410.3	1	4424
0	14	4.04	4	8	4	410.3	1	4523
0	15	4.04	4	8	4	410.3	1	4622
0	16	4.04	4	8	4	410.3	1	4727
0	17	4.04	4	8	4	410.3	1	4835
0	18	4.04	4	8	4	410.3	1	4940
0	19	4.04	4	8	4	410.3	1	5045
0.01	20	4.04	4	8	4	410.3	1	5147
0.01	21	4.04	4	8	4	410.3	1	5262
0	22	4.04	4	8	4	410.3	1	5376
0	23	4.04	4	8	4	410.3	1	5484
0	24	4.04	4	8	4	410.3	1	5592
0	25	4.04	4	8	4	410.3	1	5706
0	26	4.04	4	8	4	410.3	1	5817
0	27	4.04	4	8	4	410.3	1	5925
0	28	4.04	4	8	4	410.3	1	6021
0	29	4.04	4	8	4	410.3	1	6132
0	30	4.04	4	8	4	410.3	1	6216
0	31	4.04	4	8	4	410.3	1	6291

ServoV %	LineNo	STPCor Factor	SAECor Factor	Baro P InHga	AirInT degF	Vap P InHg	Humidy %	AirDen lb/cft	
	96	1	1.048	1.008	29.14	72.4	0.25	31.3	0.072
	95	2	1.048	1.008	29.14	72.4	0.25	31.3	0.072
	93	3	1.048	1.008	29.14	72.4	0.25	31.3	0.072
	91	4	1.048	1.008	29.14	72.4	0.25	31.3	0.072
	89	5	1.048	1.008	29.14	72.4	0.25	31.3	0.072
	87	6	1.048	1.008	29.14	72.4	0.25	31.3	0.072
	84	7	1.048	1.008	29.14	72.4	0.25	31.3	0.072
	82	8	1.048	1.008	29.14	72.4	0.25	31.3	0.072
	80	9	1.048	1.008	29.14	72.4	0.25	31.3	0.072
	78	10	1.048	1.008	29.14	72.4	0.25	31.3	0.072
	76	11	1.048	1.008	29.14	72.4	0.25	31.3	0.072
	74	12	1.048	1.008	29.14	72.4	0.25	31.3	0.072
	73	13	1.048	1.008	29.14	72.4	0.25	31.3	0.072
	72	14	1.048	1.008	29.14	72.4	0.25	31.3	0.072
	70	15	1.048	1.008	29.14	72.4	0.25	31.3	0.072
	69	16	1.048	1.008	29.14	72.4	0.25	31.3	0.072
	67	17	1.048	1.008	29.14	72.4	0.25	31.4	0.072
	65	18	1.048	1.008	29.14	72.4	0.25	31.4	0.072
	62	19	1.048	1.008	29.14	72.4	0.25	31.4	0.072
	60	20	1.048	1.008	29.14	72.4	0.25	31.4	0.072
	57	21	1.048	1.008	29.14	72.4	0.25	31.4	0.072
	54	22	1.048	1.008	29.14	72.4	0.25	31.4	0.072
	50	23	1.048	1.008	29.14	72.4	0.25	31.4	0.072
	46	24	1.048	1.008	29.14	72.4	0.25	31.4	0.072
	41	25	1.048	1.008	29.14	72.4	0.25	31.4	0.072
	37	26	1.048	1.008	29.14	72.4	0.25	31.4	0.072
	32	27	1.048	1.008	29.14	72.4	0.25	31.4	0.072
	28	28	1.048	1.008	29.14	72.4	0.25	31.4	0.072
	22	29	1.048	1.008	29.14	72.4	0.25	31.4	0.072
	19	30	1.048	1.008	29.14	72.4	0.26	31.5	0.072
	16	31	1.048	1.008	29.14	72.4	0.26	31.5	0.072

