

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	434.7	248.3	59	52.7	111.7	13.4	0.45
2	3100	434.7	256.6	59.8	51.3	111.1	13.7	0.433
3	3200	438.2	267	62.1	51.7	113.7	13.8	0.426
4	3300	442.7	278.1	63.7	52.7	116.4	13.9	0.418
5	3400	447.1	289.4	65.1	53.9	119	14.1	0.411
6	3500	451.4	300.8	66.9	55.5	122.4	14.2	0.407
7	3600	454.2	311.3	69	57.5	126.5	14.2	0.406
8	3700	456.1	321.3	71.5	60.5	132	14	0.411
9	3800	457.3	330.9	73.8	64.1	137.9	13.8	0.417
10	3900	458.6	340.6	76	67.5	143.5	13.7	0.421
11	4000	460.2	350.5	77.9	70	147.8	13.8	0.422
12	4100	461.5	360.3	79.4	71.7	151.1	13.9	0.419
13	4200	462.4	369.7	80.7	73.2	153.9	14	0.416
14	4300	462.9	379	83.1	74.7	157.7	14	0.416
15	4400	462.8	387.7	86	75.9	161.9	13.9	0.418
16	4500	462	395.9	89.5	77.8	167.2	13.8	0.422
17	4600	460.6	403.4	92.1	80.2	172.4	13.6	0.427
18	4700	458.4	410.2	94	82.8	176.8	13.5	0.431
19	4800	455.3	416.1	95.3	85.2	180.5	13.4	0.434
20	4900	451.5	421.3	96.1	87.4	183.5	13.4	0.436
21	5000	446.6	425.2	97.4	89.5	186.9	13.3	0.44
22	5100	441.1	428.3	99.1	91.1	190.2	13.3	0.444
23	5200	434.4	430.1	100.9	93.1	194	13.2	0.451
24	5300	427.1	431	102.6	95.2	197.9	13.1	0.459
25	5400	418.8	430.6	103.9	97.4	201.3	13	0.467
26	5500	410.5	429.9	105.4	99	204.4	12.9	0.476
27	5600	403.1	429.8	106.6	99.6	206.2	12.9	0.48
28	5700	394.9	428.6	106.9	99.4	206.3	12.9	0.481
29	5800	385.3	425.5	106.5	98.6	205.1	13.1	0.482
30	5900	376	422.4	106.3	97.9	204.2	13.1	0.483
31	6000	367.5	419.9	106.1	97.2	203.3	13.2	0.484

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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	461.4	263.6	111.7	-0.1	75.8	13.1	0.45
0	3100	461.5	272.4	111.1	-0.1	75.9	12.4	0.433
0	3200	465.3	283.5	113.7	-0.1	75.9	12.1	0.426
0	3300	470.1	295.4	116.4	-0.1	76	12	0.418
0	3400	474.9	307.4	119	-0.1	76.3	11.9	0.411
0	3500	479.4	319.5	122.4	-0.1	76.5	11.9	0.407
0	3600	482.5	330.7	126.5	-0.1	76.7	11.9	0.406
0	3700	484.5	341.3	132	-0.1	76.8	11.9	0.411
0	3800	486	351.6	137.9	-0.1	76.9	11.9	0.417
0	3900	487.4	361.9	143.5	-0.1	77	12	0.421
0	4000	489.1	372.5	147.8	-0.1	77.1	12.2	0.422
0	4100	490.6	383	151.1	-0.1	77.2	12.4	0.419
0	4200	491.6	393.1	153.9	-0.1	77.4	12.5	0.416
0	4300	492.2	403	157.7	-0.1	77.5	12.5	0.416
0	4400	492.2	412.4	161.9	-0.1	77.7	12.5	0.418
0	4500	491.5	421.1	167.2	-0.1	77.9	12.4	0.422
0	4600	490.1	429.3	172.4	-0.1	78.1	12.4	0.427
0	4700	487.9	436.6	176.8	-0.1	78.2	12.4	0.431
0	4800	484.7	442.9	180.5	-0.1	78.4	12.3	0.434
0	4900	480.8	448.6	183.5	-0.1	78.5	12.4	0.436
0	5000	475.7	452.9	186.9	-0.1	78.5	12.4	0.44
0	5100	469.9	456.3	190.2	-0.1	78.4	12.5	0.444
0	5200	463	458.5	194	-0.1	78.3	12.5	0.451
0	5300	455.4	459.6	197.9	-0.1	78.3	12.4	0.459
0	5400	446.9	459.5	201.3	-0.1	78.3	12.4	0.467
0	5500	438.2	458.9	204.4	-0.1	78.4	12.3	0.476
0	5600	430.6	459.1	206.2	-0.1	78.6	12.3	0.48
0	5700	422.1	458.1	206.3	-0.1	78.8	12.3	0.481
0	5800	412.1	455.1	205.1	-0.1	79	12.3	0.482
0	5900	402.4	452.1	204.2	-0.1	79.3	12.4	0.483
0	6000	393.7	449.7	203.3	-0.1	79.6	12.4	0.484

BMEP psi	EngSpd RPM	STPPwr CHp	Boost psig	Fuel_P 0-150p	Man_P InHg	BoostP 0-100p	CrkVac InHg	Oil_P 0-150p
159.8	3000	263.6	0	7.4	-0.1	0.1	0.1	75.8
159.8	3100	272.4	0	7.4	-0.1	0.1	0.1	75.9
161.1	3200	283.5	0	7.4	-0.1	0.1	0.1	75.9
162.7	3300	295.4	0	7.4	-0.1	0.1	0.1	76
164.3	3400	307.4	0	7.4	-0.1	0.1	0.1	76.3
165.9	3500	319.5	0	7.3	-0.1	0.1	0.1	76.5
166.9	3600	330.7	0	7.3	-0.1	0.1	0.1	76.7
167.6	3700	341.3	0	7.4	-0.1	0.1	0.1	76.8
168.1	3800	351.6	0	7.4	-0.1	0.1	0.1	76.9
168.6	3900	361.9	0	7.4	-0.1	0.1	0.1	77
169.1	4000	372.5	0	7.4	-0.1	0.2	0.1	77.1
169.6	4100	383	0	7.3	-0.1	0.2	0.1	77.2
170	4200	393.1	0	7.3	-0.1	0.2	0.1	77.4
170.1	4300	403	0	7.3	-0.1	0.2	0.1	77.5
170.1	4400	412.4	0	7.3	-0.1	0.2	0.1	77.7
169.8	4500	421.1	0	7.3	-0.1	0.2	0.1	77.9
169.3	4600	429.3	0	7.4	-0.1	0.2	0.1	78.1
168.5	4700	436.6	0	7.3	-0.1	0.1	0.1	78.2
167.3	4800	442.9	0	7.4	-0.1	0.1	0.1	78.4
166	4900	448.6	0	7.4	-0.1	0.1	0.1	78.5
164.2	5000	452.9	0	7.3	-0.1	0.1	0.1	78.5
162.1	5100	456.3	0	7.4	-0.1	0.1	0.1	78.4
159.7	5200	458.5	-0.1	7.4	-0.1	0.1	0.1	78.3
157	5300	459.6	-0.1	7.4	-0.1	0.1	0.1	78.3
154	5400	459.5	-0.1	7.3	-0.1	0.1	0.1	78.3
150.9	5500	458.9	0	7.3	-0.1	0.1	0.1	78.4
148.2	5600	459.1	0	7.3	-0.1	0.1	0.1	78.6
145.2	5700	458.1	-0.1	7.3	-0.1	0.1	0.1	78.8
141.6	5800	455.1	-0.1	7.3	-0.1	0.1	0.1	79
138.2	5900	452.1	-0.1	7.3	-0.1	0.1	0.1	79.3
135.1	6000	449.7	-0.1	7.3	-0.1	0.1	0.1	79.6

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
0.1	4500	0	0	0	0	0	0	0
0.1	4600	0	0	0	0	0	0	0
0.1	4700	0	0	0	0	0	0	0
0	4800	0	0	0	0	0	0	0
0	4900	0	0	0	0	0	0	0
0	5000	0	0	0	0	0	0	0
0.1	5100	0	0	0	0	0	0	0
0.1	5200	0	0	0	0	0	0	0
0.1	5300	0	0	0	0	0	0	0
0	5400	0	0	0	0	0	0	0
0	5500	0	0	0	0	0	0	0
0.1	5600	0	0	0	0	0	0	0
0.1	5700	0	0	0	0	0	0	0
0.1	5800	0	0	0	0	0	0	0
0.1	5900	0	0	0	0	0	0	0
0	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	7.4	0	0	0
0	3100	0	135	0	0	7.4	0	0	0
0	3200	0	135	0	0	7.4	0	0	0
0	3300	0	136	0	0	7.4	0	0	0
0	3400	0	136	0	0	7.4	0	0	0
0	3500	0	136	0	0	7.3	0	0	0
0	3600	0	136	0	0	7.3	0	0	0
0	3700	0	136	0	0	7.4	0	0	0
0	3800	0	136	0	0	7.4	0	0	0
0	3900	0	137	0	0	7.4	0	0	0
0	4000	0	137	0	0	7.4	0	0	0
0	4100	0	137	0	0	7.3	0	0	0
0	4200	0	137	0	0	7.3	0	0	0
0	4300	0	138	0	0	7.3	0	0	0
0	4400	0	138	0	0	7.3	0	0	0
0	4500	0	138	0	0	7.3	0	0	0
0	4600	0	138	0	0	7.4	0	0	0
0	4700	0	138	0	0	7.3	0	0	0
0	4800	0	138	0	0	7.4	0	0	0
0	4900	0	138	0	0	7.4	0	0	0
0	5000	0	138	0	0	7.3	0	0	0
0	5100	0	138	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	139	0	0	7.3	0	0	0
0	5500	0	140	0	0	7.3	0	0	0
0	5600	0	140	0	0	7.3	0	0	0
0	5700	0	140	0	0	7.3	0	0	0
0	5800	0	140	0	0	7.3	0	0	0
0	5900	0	141	0	0	7.3	0	0	0
0	6000	0	141	0	0	7.3	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	59	52.7	111.7	329	6.04	329	0	
0	3100	59.8	51.3	111.1	335	5.95	335	0	
0	3200	62.1	51.7	113.7	344	5.88	344	0	
0	3300	63.7	52.7	116.4	356	5.83	356	0	
0	3400	65.1	53.9	119	369	5.81	369	0	
0	3500	66.9	55.5	122.4	382	5.79	382	0	
0	3600	69	57.5	126.5	393	5.76	393	0	
0	3700	71.5	60.5	132	405	5.75	405	0	
0	3800	73.8	64.1	137.9	418	5.76	418	0	
0	3900	76	67.5	143.5	432	5.78	432	0	
0	4000	77.9	70	147.8	447	5.81	447	0	
0	4100	79.4	71.7	151.1	461	5.83	461	0	
0	4200	80.7	73.2	153.9	472	5.83	472	0	
0	4300	83.1	74.7	157.7	485	5.83	485	0	
0	4400	86	75.9	161.9	495	5.82	495	0	
0	4500	89.5	77.8	167.2	506	5.83	506	0	
0	4600	92.1	80.2	172.4	515	5.82	515	0	
0	4700	94	82.8	176.8	522	5.8	522	0	
0	4800	95.3	85.2	180.5	530	5.81	530	0	
0	4900	96.1	87.4	183.5	538	5.82	538	0	
0	5000	97.4	89.5	186.9	546	5.85	546	0	
0	5100	99.1	91.1	190.2	553	5.89	553	0	
0	5200	100.9	93.1	194	561	5.94	561	0	
0	5300	102.6	95.2	197.9	567	6	567	0	
0	5400	103.9	97.4	201.3	573	6.07	573	0	
0	5500	105.4	99	204.4	579	6.14	579	0	
0	5600	106.6	99.6	206.2	582	6.18	582	0	
0	5700	106.9	99.4	206.3	585	6.23	585	0	
0	5800	106.5	98.6	205.1	587	6.29	587	0	
0	5900	106.3	97.9	204.2	588	6.35	588	0	
0	6000	106.1	97.2	203.3	589	6.39	589	0	

Fuel_P 0-150p	EngSpd RPM	ElpsTm Secnds	ServoV %	Accel RPM/s	Inrtia factor	InrtTq lb-ft	TotPwr Hp	EngPwr Hp
7.4	3000	0.55	96	118.064	0.027	3.2	250.1	248.3
7.4	3100	1.05	95	198.61	0.027	5.4	259.7	256.6
7.4	3200	1.51	94	227.626	0.027	6.1	270.7	267
7.4	3300	1.91	92	252.156	0.027	6.8	282.4	278.1
7.4	3400	2.29	89	264.286	0.027	7.1	294.1	289.4
7.3	3500	2.67	87	273.097	0.027	7.4	305.7	300.8
7.3	3600	3.01	84	282.161	0.027	7.6	316.5	311.3
7.4	3700	3.35	82	301.094	0.027	8.1	327	321.3
7.4	3800	3.66	79	314.392	0.027	8.5	337	330.9
7.4	3900	3.97	77	320.334	0.027	8.6	347	340.6
7.4	4000	4.29	76	314.419	0.027	8.5	356.9	350.5
7.3	4100	4.61	74	315.647	0.027	8.5	366.9	360.3
7.3	4200	4.92	72	308.482	0.027	8.3	376.4	369.7
7.3	4300	5.26	71	307.401	0.027	8.3	385.8	379
7.3	4400	5.57	69	300.096	0.027	8.1	394.5	387.7
7.3	4500	5.93	68	292.74	0.027	7.9	402.6	395.9
7.4	4600	6.27	66	297.223	0.027	8	410.5	403.4
7.3	4700	6.6	64	283.746	0.027	7.7	417.1	410.2
7.4	4800	6.99	62	265.187	0.027	7.2	422.6	416.1
7.4	4900	7.38	59	258.929	0.027	7	427.8	421.3
7.3	5000	7.77	55	267.37	0.027	7.2	432	425.2
7.4	5100	8.11	52	285.648	0.027	7.7	435.8	428.3
7.4	5200	8.44	48	298.352	0.027	8.1	438.1	430.1
7.4	5300	8.77	45	294.241	0.027	7.9	439	431
7.3	5400	9.15	41	263.329	0.027	7.1	438	430.6
7.3	5500	9.59	36	246.818	0.027	6.7	436.8	429.9
7.3	5600	9.94	31	282.762	0.027	7.6	438	429.8
7.3	5700	10.25	26	310.503	0.027	8.4	437.7	428.6
7.3	5800	10.57	22	319.272	0.027	8.6	435	425.5
7.3	5900	10.86	18	354.622	0.027	9.6	433.1	422.4
7.3	6000	11.1	15	429.474	0.027	11.6	433.1	419.9

EngTrq lbs-ft	EngSpd RPM	STPPwr CHp	STPTRq Clb-ft	LamAF1 Ratio	Air_1s SCFM	VolEff %	Air1+2 SCFM	BSAC lb/hph
434.7	3000	263.6	461.4	13.1	329	97.5	329	6.04
434.7	3100	272.4	461.5	12.4	335	96	335	5.95
438.2	3200	283.5	465.3	12.1	344	95.8	344	5.88
442.7	3300	295.4	470.1	12	356	96	356	5.83
447.1	3400	307.4	474.9	11.9	369	96.5	369	5.81
451.4	3500	319.5	479.4	11.9	382	97	382	5.79
454.2	3600	330.7	482.5	11.9	393	97.1	393	5.76
456.1	3700	341.3	484.5	11.9	405	97.5	405	5.75
457.3	3800	351.6	486	11.9	418	97.8	418	5.76
458.6	3900	361.9	487.4	12	432	98.4	432	5.78
460.2	4000	372.5	489.1	12.2	447	99.3	447	5.81
461.5	4100	383	490.6	12.4	461	100	461	5.83
462.4	4200	393.1	491.6	12.5	472	100.1	472	5.83
462.9	4300	403	492.2	12.5	485	100.3	485	5.83
462.8	4400	412.4	492.2	12.5	495	100.1	495	5.82
462	4500	421.1	491.5	12.4	506	100	506	5.83
460.6	4600	429.3	490.1	12.4	515	99.5	515	5.82
458.4	4700	436.6	487.9	12.4	522	98.8	522	5.8
455.3	4800	442.9	484.7	12.3	530	98.3	530	5.81
451.5	4900	448.6	480.8	12.4	538	97.6	538	5.82
446.6	5000	452.9	475.7	12.4	546	97.1	546	5.85
441.1	5100	456.3	469.9	12.5	553	96.5	553	5.89
434.4	5200	458.5	463	12.5	561	95.9	561	5.94
427.1	5300	459.6	455.4	12.4	567	95.2	567	6
418.8	5400	459.5	446.9	12.4	573	94.5	573	6.07
410.5	5500	458.9	438.2	12.3	579	93.6	579	6.14
403.1	5600	459.1	430.6	12.3	582	92.5	582	6.18
394.9	5700	458.1	422.1	12.3	585	91.3	585	6.23
385.3	5800	455.1	412.1	12.3	587	90	587	6.29
376	5900	452.1	402.4	12.4	588	88.7	588	6.35
367.5	6000	449.7	393.7	12.4	589	87.3	589	6.39

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	3112
0	2	4.04	4	8	4	410.3	1	3262
0	3	4.04	4	8	4	410.3	1	3400
0	4	4.04	4	8	4	410.3	1	3520
0	5	4.04	4	8	4	410.3	1	3634
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	4046
0	10	4.04	4	8	4	410.3	1	4139
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	4424
0	14	4.04	4	8	4	410.3	1	4526
0	15	4.04	4	8	4	410.3	1	4619
0	16	4.04	4	8	4	410.3	1	4727
0	17	4.04	4	8	4	410.3	1	4829
0	18	4.04	4	8	4	410.3	1	4928
0	19	4.04	4	8	4	410.3	1	5045
0	20	4.04	4	8	4	410.3	1	5162
0	21	4.04	4	8	4	410.3	1	5280
0	22	4.04	4	8	4	410.3	1	5382
0	23	4.04	4	8	4	410.3	1	5481
0	24	4.04	4	8	4	410.3	1	5580
0	25	4.04	4	8	4	410.3	1	5694
0	26	4.04	4	8	4	410.3	1	5826
0	27	4.04	4	8	4	410.3	1	5931
0	28	4.04	4	8	4	410.3	1	6024
0	29	4.04	4	8	4	410.3	1	6120
0	30	4.04	4	8	4	410.3	1	6207
0	31	4.04	4	8	4	410.3	1	6279

ServoV %	LineNo	STPCor Factor	SAECor Factor	Baro P InHga	AirInT degF	Vap P InHg	Humidy %	AirDen lb/cft
96	1	1.053	1.012	29.1	74.2	0.3	35	0.072
95	2	1.053	1.012	29.1	74.2	0.3	35	0.072
94	3	1.053	1.012	29.1	74.2	0.3	34.9	0.072
92	4	1.053	1.012	29.1	74.2	0.3	34.9	0.072
89	5	1.053	1.012	29.1	74.1	0.3	34.9	0.072
87	6	1.053	1.012	29.1	74.1	0.3	34.9	0.072
84	7	1.053	1.012	29.1	74.1	0.3	34.9	0.072
82	8	1.053	1.012	29.1	74.1	0.3	34.9	0.072
79	9	1.053	1.012	29.1	74.1	0.3	34.9	0.072
77	10	1.053	1.012	29.1	74.1	0.3	34.9	0.072
76	11	1.053	1.012	29.1	74.1	0.3	34.9	0.072
74	12	1.053	1.012	29.1	74.1	0.3	34.9	0.072
72	13	1.053	1.012	29.1	74.1	0.3	34.9	0.072
71	14	1.053	1.012	29.1	74.1	0.3	34.9	0.072
69	15	1.053	1.012	29.1	74.1	0.3	34.9	0.072
68	16	1.053	1.012	29.1	74.1	0.3	34.9	0.072
66	17	1.053	1.012	29.1	74.1	0.3	34.9	0.072
64	18	1.053	1.012	29.1	74.1	0.3	34.9	0.072
62	19	1.053	1.012	29.1	74.1	0.3	34.9	0.072
59	20	1.053	1.012	29.1	74.1	0.3	34.9	0.072
55	21	1.053	1.012	29.1	74.1	0.3	34.9	0.072
52	22	1.053	1.012	29.1	74.1	0.3	34.9	0.072
48	23	1.053	1.012	29.1	74.1	0.3	34.9	0.072
45	24	1.053	1.012	29.1	74.1	0.3	34.9	0.072
41	25	1.053	1.012	29.1	74.1	0.3	35	0.072
36	26	1.053	1.012	29.1	74.1	0.3	35	0.072
31	27	1.053	1.012	29.1	74.1	0.3	35	0.072
26	28	1.053	1.012	29.1	74.1	0.3	35	0.072
22	29	1.053	1.012	29.1	74.1	0.3	35	0.072
18	30	1.053	1.012	29.1	74.1	0.3	35	0.072
15	31	1.053	1.012	29.1	74.1	0.3	35	0.072

