

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	430.6	245.9	55.5	56.1	111.5	0	0.453
2	3100	430.6	254.2	55.7	56.7	112.4	0	0.442
3	3200	434.2	264.5	57.5	58.2	115.6	0	0.437
4	3300	438.7	275.6	59.6	59.8	119.4	0	0.433
5	3400	443.5	287.1	62	61.1	123	0	0.428
6	3500	448.5	298.9	64	63.2	127.2	0	0.426
7	3600	453.1	310.6	66.1	66.4	132.4	0	0.426
8	3700	457	322	68.2	69.6	137.8	0	0.428
9	3800	459.5	332.5	70.2	72.3	142.5	0	0.429
10	3900	461.7	342.9	73	75	148	0	0.432
11	4000	463.2	352.8	76	77.1	153.1	0	0.434
12	4100	464.2	362.4	78.7	78.8	157.6	0	0.435
13	4200	465	371.9	81.4	80.6	162.1	0	0.436
14	4300	466	381.5	84.2	82.9	167.1	0	0.438
15	4400	466.6	390.9	86.5	85.1	171.6	0	0.439
16	4500	466.6	399.8	89.1	88.1	177.2	0	0.443
17	4600	466.1	408.2	91.4	90.3	181.7	0	0.445
18	4700	464.9	416.1	93.2	91	184.2	0	0.443
19	4800	462.4	422.6	94.7	92.3	187	0	0.442
20	4900	458.3	427.6	95.8	94.9	190.7	0	0.446
21	5000	453.2	431.5	96.6	97.3	193.9	0	0.449
22	5100	447.6	434.6	98.3	99.8	198.1	0	0.456
23	5200	441.2	436.8	99.2	102.1	201.3	0	0.461
24	5300	434	438	100.2	103.7	203.9	0	0.465
25	5400	426.3	438.3	101.6	105.1	206.7	0	0.472
26	5500	418.6	438.3	103.2	106.3	209.5	0	0.478
27	5600	410.9	438.2	103.9	105.6	209.5	0	0.478
28	5700	402.4	436.8	104.7	104.3	209	0	0.479
29	5800	393.1	434.1	106	104	210	0	0.484
30	5900	383.4	430.7	106	104.8	210.8	0	0.489
31	6000	374.2	427.5	104.4	106.3	210.7	0	0.493

□

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	456.6	260.8	111.5	-0.2	74.7	13.1	0.453
0	3100	456.8	269.6	112.4	-0.2	74.9	12.5	0.442
0	3200	460.6	280.6	115.6	-0.2	75	12.1	0.437
0	3300	465.4	292.4	119.4	-0.2	75.1	12	0.433
0	3400	470.6	304.6	123	-0.1	75.3	11.9	0.428
0	3500	475.9	317.1	127.2	-0.1	75.5	12	0.426
0	3600	480.9	329.6	132.4	-0.1	75.7	12.1	0.426
0	3700	485.1	341.7	137.8	-0.1	75.8	12.3	0.428
0	3800	487.8	353	142.5	-0.1	75.9	12.3	0.429
0	3900	490.2	364	148	-0.1	76	12.4	0.432
0	4000	491.9	374.6	153.1	-0.1	76.1	12.4	0.434
0	4100	493	384.9	157.6	-0.1	76.3	12.4	0.435
0	4200	493.9	395	162.1	-0.1	76.5	12.5	0.436
0	4300	495.1	405.3	167.1	-0.1	76.6	12.7	0.438
0	4400	495.8	415.4	171.6	-0.1	76.7	12.8	0.439
0	4500	495.9	424.9	177.2	-0.1	76.9	12.9	0.443
0	4600	495.4	433.9	181.7	-0.1	77.1	12.9	0.445
0	4700	494.3	442.3	184.2	-0.1	77.3	12.9	0.443
0	4800	491.7	449.4	187	-0.1	77.4	12.9	0.442
0	4900	487.4	454.8	190.7	-0.1	77.5	12.8	0.446
0	5000	482.2	459	193.9	-0.1	77.5	12.8	0.449
0	5100	476.3	462.5	198.1	-0.1	77.5	12.7	0.456
0	5200	469.7	465	201.3	-0.1	77.4	12.6	0.461
0	5300	462.3	466.5	203.9	-0.2	77.4	12.6	0.465
0	5400	454.3	467.1	206.7	-0.2	77.4	12.8	0.472
0	5500	446.3	467.3	209.5	-0.2	77.4	12.8	0.478
0	5600	438.3	467.4	209.5	-0.2	77.5	12.8	0.478
0	5700	429.5	466.1	209	-0.2	77.6	12.7	0.479
0	5800	419.8	463.6	210	-0.2	77.8	12.7	0.484
0	5900	409.8	460.3	210.8	-0.1	78.1	12.6	0.489
0	6000	400.2	457.2	210.7	-0.2	78.3	12.6	0.493

BMEP psi	EngSpd RPM	STPPwr CHp	Boost psig	Fuel_P 0-150p	Man_P InHg	BoostP 0-100p	CrkVac InHg	Oil_P 0-150p
158.3	3000	260.8	-0.1	7.5	-0.2	0.1	0.1	74.7
158.3	3100	269.6	-0.1	7.5	-0.2	0.1	0.1	74.9
159.6	3200	280.6	-0.1	7.5	-0.2	0.1	0.1	75
161.2	3300	292.4	-0.1	7.4	-0.2	0.1	0.1	75.1
163	3400	304.6	-0.1	7.4	-0.1	0.1	0.1	75.3
164.8	3500	317.1	-0.1	7.4	-0.1	0.1	0.1	75.5
166.5	3600	329.6	-0.1	7.4	-0.1	0.1	0.1	75.7
168	3700	341.7	-0.1	7.4	-0.1	0.1	0.1	75.8
168.9	3800	353	0	7.3	-0.1	0.1	0.1	75.9
169.7	3900	364	0	7.3	-0.1	0.1	0.1	76
170.3	4000	374.6	0	7.3	-0.1	0.1	0.1	76.1
170.6	4100	384.9	0	7.3	-0.1	0.1	0.1	76.3
170.9	4200	395	-0.1	7.4	-0.1	0.1	0.1	76.5
171.3	4300	405.3	-0.1	7.4	-0.1	0.1	0.1	76.6
171.5	4400	415.4	-0.1	7.4	-0.1	0.1	0.1	76.7
171.5	4500	424.9	-0.1	7.3	-0.1	0.1	0.1	76.9
171.3	4600	433.9	-0.1	7.3	-0.1	0.1	0.1	77.1
170.9	4700	442.3	-0.1	7.4	-0.1	0.1	0.1	77.3
170	4800	449.4	-0.1	7.4	-0.1	0.1	0.1	77.4
168.5	4900	454.8	-0.1	7.4	-0.1	0.1	0.1	77.5
166.6	5000	459	-0.1	7.4	-0.1	0.1	0	77.5
164.5	5100	462.5	-0.1	7.4	-0.1	0.1	0.1	77.5
162.2	5200	465	-0.1	7.3	-0.1	0.1	0.1	77.4
159.5	5300	466.5	-0.1	7.4	-0.2	0.1	0.1	77.4
156.7	5400	467.1	-0.1	7.4	-0.2	0.1	0.1	77.4
153.9	5500	467.3	-0.1	7.4	-0.2	0.1	0.1	77.4
151	5600	467.4	-0.1	7.3	-0.2	0.1	0.1	77.5
147.9	5700	466.1	-0.1	7.3	-0.2	0.1	0.1	77.6
144.5	5800	463.6	-0.1	7.4	-0.2	0.1	0.1	77.8
140.9	5900	460.3	-0.1	7.4	-0.1	0.1	0.1	78.1
137.5	6000	457.2	-0.1	7.4	-0.2	0.1	0.1	78.3

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	7.4	0	0	0
0	3400	0	137	0	0	7.4	0	0	0
0	3500	0	138	0	0	7.4	0	0	0
0	3600	0	138	0	0	7.4	0	0	0
0	3700	0	138	0	0	7.4	0	0	0
0	3800	0	138	0	0	7.3	0	0	0
0	3900	0	138	0	0	7.3	0	0	0
0	4000	0	138	0	0	7.3	0	0	0
0	4100	0	138	0	0	7.3	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	7.3	0	0	0
0	4600	0	138	0	0	7.3	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	140	0	0	7.4	0	0	0
0	5200	0	140	0	0	7.3	0	0	0
0	5300	0	140	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	7.3	0	0	0
0	5700	0	140	0	0	7.3	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	Air_2s		
-----	RPM	lbs/hr	lbs/hr	lbs/hr	SCFM	lb/hph	SCFM	SCFM		
0	3000	55.5	56.1	111.5		0	0	0	0	0
0	3100	55.7	56.7	112.4		0	0	0	0	0
0	3200	57.5	58.2	115.6		0	0	0	0	0
0	3300	59.6	59.8	119.4		0	0	0	0	0
0	3400	62	61.1	123		0	0	0	0	0
0	3500	64	63.2	127.2		0	0	0	0	0
0	3600	66.1	66.4	132.4		0	0	0	0	0
0	3700	68.2	69.6	137.8		0	0	0	0	0
0	3800	70.2	72.3	142.5		0	0	0	0	0
0	3900	73	75	148		0	0	0	0	0
0	4000	76	77.1	153.1		0	0	0	0	0
0	4100	78.7	78.8	157.6		0	0	0	0	0
0	4200	81.4	80.6	162.1		0	0	0	0	0
0	4300	84.2	82.9	167.1		0	0	0	0	0
0	4400	86.5	85.1	171.6		0	0	0	0	0
0	4500	89.1	88.1	177.2		0	0	0	0	0
0	4600	91.4	90.3	181.7		0	0	0	0	0
0	4700	93.2	91	184.2		0	0	0	0	0
0	4800	94.7	92.3	187		0	0	0	0	0
0	4900	95.8	94.9	190.7		0	0	0	0	0
0	5000	96.6	97.3	193.9		0	0	0	0	0
0	5100	98.3	99.8	198.1		0	0	0	0	0
0	5200	99.2	102.1	201.3		0	0	0	0	0
0	5300	100.2	103.7	203.9		0	0	0	0	0
0	5400	101.6	105.1	206.7		0	0	0	0	0
0	5500	103.2	106.3	209.5		0	0	0	0	0
0	5600	103.9	105.6	209.5		0	0	0	0	0
0	5700	104.7	104.3	209		0	0	0	0	0
0	5800	106	104	210		0	0	0	0	0
0	5900	106	104.8	210.8		0	0	0	0	0
0	6000	104.4	106.3	210.7		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
7.5	3000	0.56	96	127.403	0.027	3.4	247.9	245.9
7.5	3100	1.06	95	202.48	0.027	5.5	257.4	254.2
7.5	3200	1.51	94	231.617	0.027	6.3	268.3	264.5
7.4	3300	1.91	92	253.613	0.027	6.8	279.9	275.6
7.4	3400	2.27	89	263.448	0.027	7.1	291.7	287.1
7.4	3500	2.63	87	278.988	0.027	7.5	303.9	298.9
7.4	3600	2.98	84	288.363	0.027	7.8	315.9	310.6
7.4	3700	3.33	82	303.089	0.027	8.2	327.7	322
7.3	3800	3.63	80	308.577	0.027	8.3	338.5	332.5
7.3	3900	3.97	78	307.026	0.027	8.3	349	342.9
7.3	4000	4.3	76	305.152	0.027	8.2	359	352.8
7.3	4100	4.61	74	316.389	0.027	8.5	369.1	362.4
7.4	4200	4.92	73	316.54	0.027	8.5	378.7	371.9
7.4	4300	5.25	71	316.915	0.027	8.6	388.6	381.5
7.4	4400	5.55	70	311.902	0.027	8.4	398	390.9
7.3	4500	5.88	69	301.227	0.027	8.1	406.8	399.8
7.3	4600	6.26	67	270.375	0.027	7.3	414.6	408.2
7.4	4700	6.64	65	268.459	0.027	7.2	422.5	416.1
7.4	4800	6.98	62	284.724	0.027	7.7	429.6	422.6
7.4	4900	7.34	60	279.96	0.027	7.6	434.6	427.6
7.4	5000	7.73	56	255.419	0.027	6.9	438	431.5
7.4	5100	8.11	53	270.429	0.027	7.3	441.7	434.6
7.3	5200	8.45	49	291.211	0.027	7.9	444.6	436.8
7.4	5300	8.79	45	287.268	0.027	7.8	445.8	438
7.4	5400	9.16	41	266.352	0.027	7.2	445.7	438.3
7.4	5500	9.55	36	266.649	0.027	7.2	445.9	438.3
7.3	5600	9.9	31	286.014	0.027	7.7	446.4	438.2
7.3	5700	10.23	27	302.671	0.027	8.2	445.6	436.8
7.4	5800	10.55	23	311.859	0.027	8.4	443.4	434.1
7.4	5900	10.86	19	339.87	0.027	9.2	441.1	430.7
7.4	6000	11.13	15	401.224	0.027	10.8	439.8	427.5

EngTrq lbs-ft	EngSpd RPM	STPPwr CHp	STPTrq Clb-ft	LamAF1 Ratio	Air_1s SCFM	VolEff %	Air1+2 SCFM	BSAC lb/hph
430.6	3000	260.8	456.6	13.1	0	0	0	0
430.6	3100	269.6	456.8	12.5	0	0	0	0
434.2	3200	280.6	460.6	12.1	0	0	0	0
438.7	3300	292.4	465.4	12	0	0	0	0
443.5	3400	304.6	470.6	11.9	0	0	0	0
448.5	3500	317.1	475.9	12	0	0	0	0
453.1	3600	329.6	480.9	12.1	0	0	0	0
457	3700	341.7	485.1	12.3	0	0	0	0
459.5	3800	353	487.8	12.3	0	0	0	0
461.7	3900	364	490.2	12.4	0	0	0	0
463.2	4000	374.6	491.9	12.4	0	0	0	0
464.2	4100	384.9	493	12.4	0	0	0	0
465	4200	395	493.9	12.5	0	0	0	0
466	4300	405.3	495.1	12.7	0	0	0	0
466.6	4400	415.4	495.8	12.8	0	0	0	0
466.6	4500	424.9	495.9	12.9	0	0	0	0
466.1	4600	433.9	495.4	12.9	0	0	0	0
464.9	4700	442.3	494.3	12.9	0	0	0	0
462.4	4800	449.4	491.7	12.9	0	0	0	0
458.3	4900	454.8	487.4	12.8	0	0	0	0
453.2	5000	459	482.2	12.8	0	0	0	0
447.6	5100	462.5	476.3	12.7	0	0	0	0
441.2	5200	465	469.7	12.6	0	0	0	0
434	5300	466.5	462.3	12.6	0	0	0	0
426.3	5400	467.1	454.3	12.8	0	0	0	0
418.6	5500	467.3	446.3	12.8	0	0	0	0
410.9	5600	467.4	438.3	12.8	0	0	0	0
402.4	5700	466.1	429.5	12.7	0	0	0	0
393.1	5800	463.6	419.8	12.7	0	0	0	0
383.4	5900	460.3	409.8	12.6	0	0	0	0
374.2	6000	457.2	400.2	12.6	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	3118
0	2	4.04	4	8	4	410.3	1	3268
0	3	4.04	4	8	4	410.3	1	3403
0	4	4.04	4	8	4	410.3	1	3523
0	5	4.04	4	8	4	410.3	1	3631
0	6	4.04	4	8	4	410.3	1	3740
0	7	4.04	4	8	4	410.3	1	3845
0	8	4.04	4	8	4	410.3	1	3950
0	9	4.04	4	8	4	410.3	1	4040
0	10	4.04	4	8	4	410.3	1	4142
0	11	4.04	4	8	4	410.3	1	4241
0	12	4.04	4	8	4	410.3	1	4334
0	13	4.04	4	8	4	410.3	1	4427
0	14	4.04	4	8	4	410.3	1	4526
0	15	4.04	4	8	4	410.3	1	4616
0	16	4.04	4	8	4	410.3	1	4715
0	17	4.04	4	8	4	410.3	1	4829
0.01	18	4.04	4	8	4	410.3	1	4943
0	19	4.04	4	8	4	410.3	1	5045
0	20	4.04	4	8	4	410.3	1	5153
0	21	4.04	4	8	4	410.3	1	5271
0	22	4.04	4	8	4	410.3	1	5385
0	23	4.04	4	8	4	410.3	1	5487
0.01	24	4.04	4	8	4	410.3	1	5589
0	25	4.04	4	8	4	410.3	1	5700
0	26	4.04	4	8	4	410.3	1	5817
0	27	4.04	4	8	4	410.3	1	5922
0	28	4.04	4	8	4	410.3	1	6021
0	29	4.04	4	8	4	410.3	1	6117
0.01	30	4.04	4	8	4	410.3	1	6210
0.01	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	1.052	1.011	29.11	74.5	0.28	32.2	0.072
95	2	1.052	1.011	29.11	74.5	0.28	32.2	0.072
94	3	1.052	1.011	29.11	74.5	0.28	32.2	0.072
92	4	1.052	1.011	29.11	74.5	0.28	32.2	0.072
89	5	1.052	1.011	29.11	74.5	0.28	32.1	0.072
87	6	1.052	1.011	29.11	74.5	0.28	32.1	0.072
84	7	1.052	1.011	29.11	74.5	0.28	32.1	0.072
82	8	1.052	1.011	29.11	74.5	0.28	32.1	0.072
80	9	1.052	1.011	29.11	74.5	0.28	32.1	0.072
78	10	1.052	1.011	29.11	74.5	0.28	32.1	0.072
76	11	1.052	1.011	29.11	74.5	0.28	32.1	0.072
74	12	1.052	1.011	29.11	74.5	0.28	32.1	0.072
73	13	1.052	1.011	29.11	74.4	0.28	32.1	0.072
71	14	1.052	1.011	29.11	74.4	0.28	32.1	0.072
70	15	1.052	1.011	29.11	74.4	0.28	32.1	0.072
69	16	1.052	1.011	29.11	74.4	0.28	32.1	0.072
67	17	1.052	1.011	29.11	74.4	0.28	32.1	0.072
65	18	1.052	1.011	29.11	74.4	0.28	32.1	0.072
62	19	1.052	1.011	29.11	74.4	0.28	32.1	0.072
60	20	1.052	1.011	29.11	74.4	0.28	32.1	0.072
56	21	1.052	1.011	29.11	74.4	0.28	32.1	0.072
53	22	1.052	1.011	29.11	74.4	0.28	32.2	0.072
49	23	1.052	1.011	29.11	74.4	0.28	32.2	0.072
45	24	1.052	1.011	29.11	74.4	0.28	32.2	0.072
41	25	1.052	1.011	29.11	74.4	0.28	32.2	0.072
36	26	1.052	1.011	29.11	74.4	0.28	32.2	0.072
31	27	1.052	1.011	29.11	74.4	0.28	32.2	0.072
27	28	1.052	1.011	29.11	74.4	0.28	32.2	0.072
23	29	1.052	1.011	29.11	74.4	0.28	32.3	0.072
19	30	1.052	1.011	29.11	74.4	0.28	32.3	0.072
15	31	1.052	1.011	29.11	74.4	0.28	32.3	0.072

DenAlt
Feet

2166
2165
2165
2163
2163
2163
2163
2163
2163
2162
2163
2163
2162
2162
2162
2160
2160
2159
2159
2159
2159
2158
2158
2158
2158
2157
2156
2156
2156
2157