

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	63.7	52.4	116.1	0	0.471
2	3100	430.9	254.4	63.8	53.1	116.9	0	0.46
3	3200	434.2	264.6	65.6	54.4	119.9	0	0.453
4	3300	438.2	275.3	67.2	55.6	122.8	0	0.446
5	3400	442.9	286.7	68.9	56.3	125.3	0	0.437
6	3500	447.2	298	71.1	57.4	128.5	0	0.431
7	3600	450.9	309.1	73.6	59.9	133.6	0	0.432
8	3700	453.1	319.2	75.9	63.4	139.3	0	0.437
9	3800	454.4	328.8	78.2	67.1	145.4	0	0.442
10	3900	455.5	338.2	80.1	70.4	150.5	0	0.445
11	4000	456.7	347.8	81.4	72.4	153.8	0	0.442
12	4100	458.3	357.8	82.5	73.6	156.1	0	0.436
13	4200	459.8	367.7	84.1	74.8	158.9	0	0.432
14	4300	460.9	377.4	86.6	76.3	162.8	0	0.432
15	4400	461.4	386.5	88.5	77.6	166.1	0	0.43
16	4500	460.9	394.9	90.8	79.4	170.2	0	0.431
17	4600	459.4	402.4	93.2	81.5	174.7	0	0.434
18	4700	456.7	408.7	95.5	83.9	179.4	0	0.439
19	4800	453.2	414.1	97.3	86.2	183.5	0	0.443
20	4900	449.3	419.2	98.4	87.4	185.8	0	0.443
21	5000	444.5	423.2	99.4	88.4	187.9	0	0.444
22	5100	439	426.3	101.3	90.7	192	0	0.45
23	5200	432.7	428.4	103.5	93.5	197	0	0.46
24	5300	426.1	430	105	95.9	200.9	0	0.467
25	5400	418.1	429.9	107.3	98.7	206	0	0.479
26	5500	410.8	430.2	109.5	101	210.5	0	0.489
27	5600	402.7	429.4	110.6	102.5	213.1	0	0.496
28	5700	394.1	427.7	111	102.7	213.7	0	0.5
29	5800	383	422.9	111.1	101.6	212.7	0	0.503
30	5900	374.4	420.6	111.3	100.1	211.4	0	0.502
31	6000	365.4	417.4	111.3	98.8	210	0	0.503

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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	459.7	262.6	116.1	0	75.9	12.3	0.471
0	3100	459.1	271	116.9	0	75.9	11.8	0.46
0	3200	462.7	281.9	119.9	0	75.9	11.6	0.453
0	3300	466.9	293.4	122.8	0	76	11.5	0.446
0	3400	471.9	305.5	125.3	0	76.2	11.5	0.437
0	3500	476.7	317.7	128.5	0	76.5	11.5	0.431
0	3600	480.6	329.5	133.6	0	76.7	11.5	0.432
0	3700	483	340.3	139.3	0	76.8	11.6	0.437
0	3800	484.6	350.6	145.4	0	76.9	11.6	0.442
0	3900	485.7	360.7	150.5	0	77	11.7	0.445
0	4000	487.1	371	153.8	0	77.1	11.9	0.442
0	4100	488.9	381.7	156.1	0	77.2	12	0.436
0	4200	490.6	392.3	158.9	0	77.3	12.1	0.432
0	4300	491.9	402.7	162.8	0	77.4	12.3	0.432
0	4400	492.5	412.6	166.1	0	77.5	12.4	0.43
0	4500	492	421.6	170.2	0	77.7	12.4	0.431
0	4600	490.5	429.6	174.7	0	77.9	12.3	0.434
0	4700	487.7	436.5	179.4	0	78.1	12.2	0.439
0	4800	484.1	442.4	183.5	0	78.2	12.2	0.443
0	4900	480.1	447.9	185.8	0	78.3	12.1	0.443
0	5000	475.2	452.4	187.9	0	78.3	12.2	0.444
0	5100	469.4	455.8	192	0	78.3	12.2	0.45
0	5200	462.8	458.2	197	0	78.2	12.2	0.46
0	5300	456	460.1	200.9	0	78.2	12.2	0.467
0	5400	447.7	460.3	206	0	78.2	12.2	0.479
0	5500	440.1	460.8	210.5	0	78.3	12.2	0.489
0	5600	431.6	460.2	213.1	0	78.4	12.1	0.496
0	5700	422.7	458.7	213.7	0	78.6	12.1	0.5
0	5800	411.1	454	212.7	0	78.8	12.1	0.503
0	5900	402.2	451.8	211.4	0	79	12.1	0.502
0	6000	392.8	448.7	210	0	79.2	12.2	0.503

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	262.6	0	7.5	0	0.2	0.2	75.9
158.4	3100	271	0	7.5	0	0.2	0.2	75.9
159.6	3200	281.9	0	7.5	0	0.2	0.2	75.9
161.1	3300	293.4	0	7.5	0	0.2	0.2	76
162.8	3400	305.5	0	7.5	0	0.2	0.2	76.2
164.4	3500	317.7	0	7.5	0	0.2	0.1	76.5
165.7	3600	329.5	0	7.5	0	0.2	0.1	76.7
166.5	3700	340.3	0	7.5	0	0.2	0.2	76.8
167	3800	350.6	0	7.5	0	0.2	0.2	76.9
167.4	3900	360.7	0	7.5	0	0.2	0.2	77
167.9	4000	371	0	7.5	0	0.2	0.2	77.1
168.5	4100	381.7	0	7.5	0	0.2	0.2	77.2
169	4200	392.3	0	7.5	0	0.2	0.2	77.3
169.4	4300	402.7	0	7.5	0	0.2	0.2	77.4
169.6	4400	412.6	0	7.5	0	0.2	0.2	77.5
169.4	4500	421.6	0	7.4	0	0.2	0.2	77.7
168.9	4600	429.6	0	7.4	0	0.2	0.1	77.9
167.9	4700	436.5	0	7.4	0	0.2	0.1	78.1
166.6	4800	442.4	0	7.4	0	0.2	0.1	78.2
165.1	4900	447.9	0	7.4	0	0.2	0.1	78.3
163.4	5000	452.4	0	7.5	0	0.2	0.1	78.3
161.4	5100	455.8	0	7.5	0	0.2	0.1	78.3
159	5200	458.2	0	7.5	0	0.2	0.1	78.2
156.6	5300	460.1	0	7.5	0	0.2	0.1	78.2
153.7	5400	460.3	0	7.5	0	0.2	0.1	78.2
151	5500	460.8	0	7.5	0	0.2	0.2	78.3
148	5600	460.2	0	7.4	0	0.2	0.2	78.4
144.8	5700	458.7	0	7.4	0	0.2	0.2	78.6
140.8	5800	454	0	7.4	0	0.2	0.2	78.8
137.6	5900	451.8	0	7.4	0	0.2	0.1	79
134.3	6000	448.7	0	7.4	0	0.2	0.2	79.2



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	7.5	0	0	0
0	3100	0	135	0	0	7.5	0	0	0
0	3200	0	135	0	0	7.5	0	0	0
0	3300	0	135	0	0	7.5	0	0	0
0	3400	0	136	0	0	7.5	0	0	0
0	3500	0	136	0	0	7.5	0	0	0
0	3600	0	136	0	0	7.5	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	137	0	0	7.5	0	0	0
0	4000	0	137	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	137	0	0	7.5	0	0	0
0	4500	0	138	0	0	7.4	0	0	0
0	4600	0	138	0	0	7.4	0	0	0
0	4700	0	138	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	7.5	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	139	0	0	7.5	0	0	0
0	5400	0	139	0	0	7.5	0	0	0
0	5500	0	140	0	0	7.5	0	0	0
0	5600	0	140	0	0	7.4	0	0	0
0	5700	0	140	0	0	7.4	0	0	0
0	5800	0	140	0	0	7.4	0	0	0
0	5900	0	140	0	0	7.4	0	0	0
0	6000	0	140	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	63.7	52.4	116.1		0	0	0	0	0
0	3100	63.8	53.1	116.9		0	0	0	0	0
0	3200	65.6	54.4	119.9		0	0	0	0	0
0	3300	67.2	55.6	122.8		0	0	0	0	0
0	3400	68.9	56.3	125.3		0	0	0	0	0
0	3500	71.1	57.4	128.5		0	0	0	0	0
0	3600	73.6	59.9	133.6		0	0	0	0	0
0	3700	75.9	63.4	139.3		0	0	0	0	0
0	3800	78.2	67.1	145.4		0	0	0	0	0
0	3900	80.1	70.4	150.5		0	0	0	0	0
0	4000	81.4	72.4	153.8		0	0	0	0	0
0	4100	82.5	73.6	156.1		0	0	0	0	0
0	4200	84.1	74.8	158.9		0	0	0	0	0
0	4300	86.6	76.3	162.8		0	0	0	0	0
0	4400	88.5	77.6	166.1		0	0	0	0	0
0	4500	90.8	79.4	170.2		0	0	0	0	0
0	4600	93.2	81.5	174.7		0	0	0	0	0
0	4700	95.5	83.9	179.4		0	0	0	0	0
0	4800	97.3	86.2	183.5		0	0	0	0	0
0	4900	98.4	87.4	185.8		0	0	0	0	0
0	5000	99.4	88.4	187.9		0	0	0	0	0
0	5100	101.3	90.7	192		0	0	0	0	0
0	5200	103.5	93.5	197		0	0	0	0	0
0	5300	105	95.9	200.9		0	0	0	0	0
0	5400	107.3	98.7	206		0	0	0	0	0
0	5500	109.5	101	210.5		0	0	0	0	0
0	5600	110.6	102.5	213.1		0	0	0	0	0
0	5700	111	102.7	213.7		0	0	0	0	0
0	5800	111.1	101.6	212.7		0	0	0	0	0
0	5900	111.3	100.1	211.4		0	0	0	0	0
0	6000	111.3	98.8	210		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	126.493	0.027	3.4	248.5	246.6
7.5	3100	1.06	95	204.65	0.027	5.5	257.6	254.4
7.5	3200	1.5	94	232.741	0.027	6.3	268.4	264.6
7.5	3300	1.89	92	249.986	0.027	6.7	279.5	275.3
7.5	3400	2.29	89	259.41	0.027	7	291.2	286.7
7.5	3500	2.65	87	268.809	0.027	7.3	302.9	298
7.5	3600	3.01	84	286.544	0.027	7.7	314.4	309.1
7.5	3700	3.34	81	303.342	0.027	8.2	325	319.2
7.5	3800	3.65	79	318.903	0.027	8.6	335	328.8
7.5	3900	3.96	77	324.723	0.027	8.8	344.7	338.2
7.5	4000	4.26	76	318.387	0.027	8.6	354.4	347.8
7.5	4100	4.59	74	314.765	0.027	8.5	364.4	357.8
7.5	4200	4.9	73	307.124	0.027	8.3	374.3	367.7
7.5	4300	5.25	71	302.308	0.027	8.2	384.1	377.4
7.5	4400	5.57	70	290.665	0.027	7.8	393.1	386.5
7.4	4500	5.95	68	284.976	0.027	7.7	401.5	394.9
7.4	4600	6.28	66	288.677	0.027	7.8	409.2	402.4
7.4	4700	6.62	64	291.438	0.027	7.9	415.7	408.7
7.4	4800	6.99	61	280.987	0.027	7.6	421.1	414.1
7.4	4900	7.34	59	277.632	0.027	7.5	426.2	419.2
7.5	5000	7.71	55	273.151	0.027	7.4	430.2	423.2
7.5	5100	8.08	52	272.543	0.027	7.4	433.4	426.3
7.5	5200	8.44	48	283.843	0.027	7.7	436	428.4
7.5	5300	8.77	45	278.792	0.027	7.5	437.6	430
7.5	5400	9.18	40	257.509	0.027	7	437.1	429.9
7.5	5500	9.56	36	264.187	0.027	7.1	437.7	430.2
7.4	5600	9.91	31	296.091	0.027	8	437.9	429.4
7.4	5700	10.22	26	294.78	0.027	8	436.3	427.7
7.4	5800	10.59	21	315.554	0.027	8.5	432.4	422.9
7.4	5900	10.85	18	347.103	0.027	9.4	431.2	420.6
7.4	6000	11.09	15	377.224	0.027	10.2	429	417.4

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	262.6	459.7	12.3		0	0	0
430.9	3100	271	459.1	11.8		0	0	0
434.2	3200	281.9	462.7	11.6		0	0	0
438.2	3300	293.4	466.9	11.5		0	0	0
442.9	3400	305.5	471.9	11.5		0	0	0
447.2	3500	317.7	476.7	11.5		0	0	0
450.9	3600	329.5	480.6	11.5		0	0	0
453.1	3700	340.3	483	11.6		0	0	0
454.4	3800	350.6	484.6	11.6		0	0	0
455.5	3900	360.7	485.7	11.7		0	0	0
456.7	4000	371	487.1	11.9		0	0	0
458.3	4100	381.7	488.9	12		0	0	0
459.8	4200	392.3	490.6	12.1		0	0	0
460.9	4300	402.7	491.9	12.3		0	0	0
461.4	4400	412.6	492.5	12.4		0	0	0
460.9	4500	421.6	492	12.4		0	0	0
459.4	4600	429.6	490.5	12.3		0	0	0
456.7	4700	436.5	487.7	12.2		0	0	0
453.2	4800	442.4	484.1	12.2		0	0	0
449.3	4900	447.9	480.1	12.1		0	0	0
444.5	5000	452.4	475.2	12.2		0	0	0
439	5100	455.8	469.4	12.2		0	0	0
432.7	5200	458.2	462.8	12.2		0	0	0
426.1	5300	460.1	456	12.2		0	0	0
418.1	5400	460.3	447.7	12.2		0	0	0
410.8	5500	460.8	440.1	12.2		0	0	0
402.7	5600	460.2	431.6	12.1		0	0	0
394.1	5700	458.7	422.7	12.1		0	0	0
383	5800	454	411.1	12.1		0	0	0
374.4	5900	451.8	402.2	12.1		0	0	0
365.4	6000	448.7	392.8	12.2		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	3400
0	4	4.04	4	8	4	410.3	1	3517
0	5	4.04	4	8	4	410.3	1	3637
0	6	4.04	4	8	4	410.3	1	3746
0	7	4.04	4	8	4	410.3	1	3854
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	4229
0	12	4.04	4	8	4	410.3	1	4328
0	13	4.04	4	8	4	410.3	1	4421
0	14	4.04	4	8	4	410.3	1	4526
0	15	4.04	4	8	4	410.3	1	4622
0	16	4.04	4	8	4	410.3	1	4736
0	17	4.04	4	8	4	410.3	1	4835
0	18	4.04	4	8	4	410.3	1	4937
0	19	4.04	4	8	4	410.3	1	5048
0	20	4.04	4	8	4	410.3	1	5153
0	21	4.04	4	8	4	410.3	1	5265
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	5583
0	25	4.04	4	8	4	410.3	1	5706
0	26	4.04	4	8	4	410.3	1	5820
0	27	4.04	4	8	4	410.3	1	5925
0	28	4.04	4	8	4	410.3	1	6018
0	29	4.04	4	8	4	410.3	1	6129
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	1.056	1.015	29.1	76.8	0.31	33.1	0.072
95	2	1.056	1.015	29.1	76.8	0.31	33.1	0.072
94	3	1.056	1.015	29.1	76.8	0.31	33.1	0.072
92	4	1.056	1.015	29.1	76.8	0.31	33.1	0.072
89	5	1.056	1.015	29.1	76.8	0.31	33.1	0.072
87	6	1.056	1.015	29.1	76.8	0.31	33.2	0.072
84	7	1.056	1.015	29.1	76.8	0.31	33.2	0.072
81	8	1.056	1.015	29.1	76.8	0.31	33.2	0.072
79	9	1.056	1.015	29.1	76.8	0.31	33.2	0.072
77	10	1.056	1.015	29.1	76.8	0.31	33.2	0.072
76	11	1.056	1.015	29.1	76.8	0.31	33.2	0.072
74	12	1.056	1.015	29.1	76.8	0.31	33.2	0.072
73	13	1.056	1.015	29.1	76.7	0.31	33.2	0.072
71	14	1.056	1.015	29.1	76.7	0.31	33.2	0.072
70	15	1.056	1.015	29.1	76.7	0.31	33.2	0.072
68	16	1.056	1.015	29.1	76.7	0.31	33.2	0.072
66	17	1.056	1.015	29.1	76.7	0.31	33.2	0.072
64	18	1.056	1.015	29.1	76.7	0.31	33.2	0.072
61	19	1.056	1.015	29.1	76.7	0.31	33.2	0.072
59	20	1.056	1.015	29.1	76.7	0.31	33.2	0.072
55	21	1.056	1.015	29.1	76.7	0.31	33.2	0.072
52	22	1.056	1.015	29.1	76.7	0.31	33.2	0.072
48	23	1.056	1.015	29.1	76.7	0.31	33.1	0.072
45	24	1.056	1.015	29.1	76.7	0.31	33.1	0.072
40	25	1.056	1.015	29.1	76.7	0.31	33.1	0.072
36	26	1.056	1.015	29.1	76.7	0.31	33.1	0.072
31	27	1.056	1.015	29.1	76.7	0.31	33.1	0.072
26	28	1.056	1.015	29.1	76.7	0.31	33.1	0.072
21	29	1.056	1.015	29.1	76.7	0.31	33.1	0.072
18	30	1.056	1.015	29.1	76.7	0.31	33.1	0.072
15	31	1.056	1.015	29.1	76.7	0.31	33.1	0.072

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