

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	432.9	247.3	64.9	52.6	117.6		0 0.476
2	3100	433.3	255.7	66.1	52.6	118.7		0 0.464
3	3200	436.3	265.8	68.3	52.8	121.1		0 0.456
4	3300	441	277.1	69.6	53.5	123.1		0 0.444
5	3400	445.9	288.7	70.9	54.5	125.4		0 0.434
6	3500	450.5	300.2	72.5	56	128.5		0 0.428
7	3600	454.9	311.8	74.6	58.7	133.3		0 0.427
8	3700	458.5	323	76.8	61.8	138.7		0 0.429
9	3800	461.1	333.6	78.6	64.6	143.2		0 0.429
10	3900	463.1	343.9	80.4	66.8	147.2		0 0.428
11	4000	465.3	354.3	82.9	69.1	152		0 0.429
12	4100	467.4	364.9	85.7	70.9	156.6		0 0.429
13	4200	469.3	375.3	88.3	72.1	160.4		0 0.427
14	4300	470.4	385.1	90.8	73.2	164		0 0.426
15	4400	470.7	394.4	92.8	74.6	167.4		0 0.424
16	4500	470.3	403	94.8	76.7	171.5		0 0.425
17	4600	469.4	411.2	96.8	79.1	175.9		0 0.428
18	4700	467.9	418.7	99	82.2	181.2		0 0.433
19	4800	465.6	425.6	101.3	84.5	185.8		0 0.437
20	4900	461.8	430.9	103.6	86.7	190.3		0 0.442
21	5000	457.1	435.1	105.7	89.4	195.1		0 0.448
22	5100	451	438	108.5	92.6	201.1		0 0.459
23	5200	444.6	440.2	110.1	95.2	205.3		0 0.466
24	5300	437.6	441.6	112	96.6	208.6		0 0.472
25	5400	430	442.1	114.8	97.1	211.9		0 0.479
26	5500	422.1	442	115.8	96.5	212.2		0 0.48
27	5600	413.3	440.7	116.7	96.2	212.9		0 0.483
28	5700	404.8	439.3	117.6	97.4	215		0 0.489
29	5800	395.9	437.2	117.9	99	216.9		0 0.496
30	5900	385.3	432.8	117.7	99.8	217.6		0 0.503
31	6000	376.5	430.1	118	99.5	217.5		0 0.506

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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	453.8	259.2	117.6	-0.3	73	13.5	0.476
0	3100	454.3	268.1	118.7	-0.3	73	13.2	0.464
0	3200	457.5	278.8	121.1	-0.4	73.2	12.9	0.456
0	3300	462.5	290.6	123.1	-0.5	73.3	12.8	0.444
0	3400	467.7	302.8	125.4	-0.6	73.5	12.7	0.434
0	3500	472.5	314.9	128.5	-0.5	73.7	12.5	0.428
0	3600	477.2	327.1	133.3	-0.5	74	12.5	0.427
0	3700	481	338.9	138.7	-0.5	74.1	12.5	0.429
0	3800	483.8	350.1	143.2	-0.6	74.2	12.5	0.429
0	3900	485.9	360.8	147.2	-0.7	74.2	12.6	0.428
0	4000	488.2	371.8	152	-0.7	74.3	12.9	0.429
0	4100	490.6	383	156.6	-0.7	74.5	13	0.429
0	4200	492.6	393.9	160.4	-0.7	74.7	13	0.427
0	4300	493.8	404.3	164	-0.7	74.7	12.9	0.426
0	4400	494.2	414	167.4	-0.7	74.8	12.8	0.424
0	4500	493.9	423.1	171.5	-0.7	74.9	12.8	0.425
0	4600	493	431.8	175.9	-0.8	75.1	13	0.428
0	4700	491.4	439.8	181.2	-0.9	75.3	13.2	0.433
0	4800	489.2	447.1	185.8	-0.9	75.4	13.2	0.437
0	4900	485.3	452.7	190.3	-0.9	75.5	13.1	0.442
0	5000	480.4	457.3	195.1	-1	75.5	13	0.448
0	5100	474.1	460.4	201.1	-1	75.4	12.9	0.459
0	5200	467.5	462.8	205.3	-1	75.3	13	0.466
0	5300	460.3	464.5	208.6	-1.1	75.2	13	0.472
0	5400	452.5	465.2	211.9	-1.1	75.2	13	0.479
0	5500	444.3	465.3	212.2	-1	75.1	13	0.48
0	5600	435.3	464.1	212.9	-1	75.1	13	0.483
0	5700	426.6	462.9	215	-1.1	75.2	12.9	0.489
0	5800	417.3	460.9	216.9	-1.2	75.2	12.8	0.496
0	5900	406.4	456.6	217.6	-1.2	75.3	12.8	0.503
0	6000	397.4	453.9	217.5	-1.2	75.4	12.7	0.506

BMEP psi	EngSpd RPM	STPPwr CHp	Boost psig	Fuel_P 0-150p	Man_P InHg	BoostP 0-100p	CrkVac InHg	Oil_P 0-150p
159.1	3000	259.2	-0.2	7.5	-0.3	0.2	0.1	73
159.3	3100	268.1	-0.2	7.5	-0.3	0.1	0.1	73
160.4	3200	278.8	-0.2	7.5	-0.4	0.1	0.1	73.2
162.1	3300	290.6	-0.2	7.5	-0.5	0.1	0.1	73.3
163.9	3400	302.8	-0.3	7.5	-0.6	0.1	0.1	73.5
165.6	3500	314.9	-0.3	7.5	-0.5	0.2	0.1	73.7
167.2	3600	327.1	-0.2	7.5	-0.5	0.2	0.1	74
168.5	3700	338.9	-0.2	7.5	-0.5	0.2	0.1	74.1
169.5	3800	350.1	-0.3	7.5	-0.6	0.2	0.1	74.2
170.2	3900	360.8	-0.3	7.5	-0.7	0.2	0.1	74.2
171	4000	371.8	-0.3	7.5	-0.7	0.2	0.2	74.3
171.8	4100	383	-0.3	7.4	-0.7	0.1	0.2	74.5
172.5	4200	393.9	-0.3	7.5	-0.7	0.1	0.2	74.7
172.9	4300	404.3	-0.4	7.5	-0.7	0.1	0.1	74.7
173	4400	414	-0.3	7.5	-0.7	0.1	0.1	74.8
172.9	4500	423.1	-0.4	7.5	-0.7	0.1	0.2	74.9
172.6	4600	431.8	-0.4	7.5	-0.8	0.1	0.2	75.1
172	4700	439.8	-0.4	7.5	-0.9	0.1	0.2	75.3
171.2	4800	447.1	-0.4	7.5	-0.9	0.1	0.1	75.4
169.8	4900	452.7	-0.5	7.5	-0.9	0.1	0.1	75.5
168	5000	457.3	-0.5	7.5	-1	0.1	0.1	75.5
165.8	5100	460.4	-0.5	7.5	-1	0.1	0.1	75.4
163.4	5200	462.8	-0.5	7.6	-1	0.1	0.1	75.3
160.8	5300	464.5	-0.5	7.6	-1.1	0.1	0.1	75.2
158	5400	465.2	-0.5	7.6	-1.1	0.1	0.1	75.2
155.1	5500	465.3	-0.5	7.6	-1	0.1	0.1	75.1
151.9	5600	464.1	-0.5	7.5	-1	0.1	0.2	75.1
148.8	5700	462.9	-0.5	7.6	-1.1	0.1	0.2	75.2
145.5	5800	460.9	-0.6	7.6	-1.2	0.1	0.1	75.2
141.6	5900	456.6	-0.6	7.5	-1.2	0.1	0.1	75.3
138.4	6000	453.9	-0.6	7.5	-1.2	0.1	0.1	75.4



Exh 8 degF	EngSpd RPM	CoolIn degF	CoolOt degF	OilIn degF	OilOut degF	Fuel_P 0-150p	Plenum degF	AirIn degF	
0	3000	0	134	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	135	0	0	7.5	0	0	0
0	3500	0	135	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	136	0	0	7.5	0	0	0
0	4000	0	136	0	0	7.5	0	0	0
0	4100	0	136	0	0	7.4	0	0	0
0	4200	0	136	0	0	7.5	0	0	0
0	4300	0	136	0	0	7.5	0	0	0
0	4400	0	137	0	0	7.5	0	0	0
0	4500	0	137	0	0	7.5	0	0	0
0	4600	0	137	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	138	0	0	7.5	0	0	0
0	5000	0	138	0	0	7.5	0	0	0
0	5100	0	138	0	0	7.5	0	0	0
0	5200	0	138	0	0	7.6	0	0	0
0	5300	0	139	0	0	7.6	0	0	0
0	5400	0	139	0	0	7.6	0	0	0
0	5500	0	140	0	0	7.6	0	0	0
0	5600	0	140	0	0	7.5	0	0	0
0	5700	0	140	0	0	7.6	0	0	0
0	5800	0	140	0	0	7.6	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	64.9	52.6	117.6		0	0	0	0	0
0	3100	66.1	52.6	118.7		0	0	0	0	0
0	3200	68.3	52.8	121.1		0	0	0	0	0
0	3300	69.6	53.5	123.1		0	0	0	0	0
0	3400	70.9	54.5	125.4		0	0	0	0	0
0	3500	72.5	56	128.5		0	0	0	0	0
0	3600	74.6	58.7	133.3		0	0	0	0	0
0	3700	76.8	61.8	138.7		0	0	0	0	0
0	3800	78.6	64.6	143.2		0	0	0	0	0
0	3900	80.4	66.8	147.2		0	0	0	0	0
0	4000	82.9	69.1	152		0	0	0	0	0
0	4100	85.7	70.9	156.6		0	0	0	0	0
0	4200	88.3	72.1	160.4		0	0	0	0	0
0	4300	90.8	73.2	164		0	0	0	0	0
0	4400	92.8	74.6	167.4		0	0	0	0	0
0	4500	94.8	76.7	171.5		0	0	0	0	0
0	4600	96.8	79.1	175.9		0	0	0	0	0
0	4700	99	82.2	181.2		0	0	0	0	0
0	4800	101.3	84.5	185.8		0	0	0	0	0
0	4900	103.6	86.7	190.3		0	0	0	0	0
0	5000	105.7	89.4	195.1		0	0	0	0	0
0	5100	108.5	92.6	201.1		0	0	0	0	0
0	5200	110.1	95.2	205.3		0	0	0	0	0
0	5300	112	96.6	208.6		0	0	0	0	0
0	5400	114.8	97.1	211.9		0	0	0	0	0
0	5500	115.8	96.5	212.2		0	0	0	0	0
0	5600	116.7	96.2	212.9		0	0	0	0	0
0	5700	117.6	97.4	215		0	0	0	0	0
0	5800	117.9	99	216.9		0	0	0	0	0
0	5900	117.7	99.8	217.6		0	0	0	0	0
0	6000	118	99.5	217.5		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	0.59	97	118.275	0.027	3.2	249.1	247.3
7.5	3100	1.1	95	204.477	0.027	5.5	259	255.7
7.5	3200	1.52	94	238.003	0.027	6.4	269.7	265.8
7.5	3300	1.92	92	253.688	0.027	6.8	281.4	277.1
7.5	3400	2.29	89	272.489	0.027	7.4	293.5	288.7
7.5	3500	2.64	87	277.663	0.027	7.5	305.2	300.2
7.5	3600	3.01	84	283.447	0.027	7.7	317	311.8
7.5	3700	3.35	82	295.907	0.027	8	328.6	323
7.5	3800	3.67	80	314.414	0.027	8.5	339.8	333.6
7.5	3900	3.96	78	322.95	0.027	8.7	350.3	343.9
7.5	4000	4.29	76	320.528	0.027	8.7	360.9	354.3
7.4	4100	4.61	74	309.909	0.027	8.4	371.4	364.9
7.5	4200	4.93	73	311.754	0.027	8.4	382	375.3
7.5	4300	5.25	71	305.434	0.027	8.2	391.9	385.1
7.5	4400	5.59	70	306.158	0.027	8.3	401.3	394.4
7.5	4500	5.91	69	304.106	0.027	8.2	410	403
7.5	4600	6.24	67	293.329	0.027	7.9	418.1	411.2
7.5	4700	6.61	65	281.291	0.027	7.6	425.5	418.7
7.5	4800	6.96	63	270.382	0.027	7.3	432.2	425.6
7.5	4900	7.35	60	268.044	0.027	7.2	437.6	430.9
7.5	5000	7.72	57	264.706	0.027	7.1	441.9	435.1
7.5	5100	8.1	54	270.052	0.027	7.3	445.1	438
7.6	5200	8.45	50	285.834	0.027	7.7	447.8	440.2
7.6	5300	8.79	46	290.921	0.027	7.9	449.5	441.6
7.6	5400	9.14	42	284.942	0.027	7.7	450	442.1
7.6	5500	9.51	38	257.933	0.027	7	449.3	442
7.5	5600	9.92	33	264.948	0.027	7.2	448.3	440.7
7.6	5700	10.26	28	299.338	0.027	8.1	448.1	439.3
7.6	5800	10.56	24	310.96	0.027	8.4	446.4	437.2
7.5	5900	10.89	20	333.869	0.027	9	443	432.8
7.5	6000	11.15	16	370.099	0.027	10	441.5	430.1

EngTrq lbs-ft	EngSpd RPM	STPPwr CHp	STPTRq Clb-ft	LamAF1 Ratio	Air_1s SCFM	VolEff %	Air1+2 SCFM	BSAC lb/hph
432.9	3000	259.2	453.8	13.5	0	0	0	0
433.3	3100	268.1	454.3	13.2	0	0	0	0
436.3	3200	278.8	457.5	12.9	0	0	0	0
441	3300	290.6	462.5	12.8	0	0	0	0
445.9	3400	302.8	467.7	12.7	0	0	0	0
450.5	3500	314.9	472.5	12.5	0	0	0	0
454.9	3600	327.1	477.2	12.5	0	0	0	0
458.5	3700	338.9	481	12.5	0	0	0	0
461.1	3800	350.1	483.8	12.5	0	0	0	0
463.1	3900	360.8	485.9	12.6	0	0	0	0
465.3	4000	371.8	488.2	12.9	0	0	0	0
467.4	4100	383	490.6	13	0	0	0	0
469.3	4200	393.9	492.6	13	0	0	0	0
470.4	4300	404.3	493.8	12.9	0	0	0	0
470.7	4400	414	494.2	12.8	0	0	0	0
470.3	4500	423.1	493.9	12.8	0	0	0	0
469.4	4600	431.8	493	13	0	0	0	0
467.9	4700	439.8	491.4	13.2	0	0	0	0
465.6	4800	447.1	489.2	13.2	0	0	0	0
461.8	4900	452.7	485.3	13.1	0	0	0	0
457.1	5000	457.3	480.4	13	0	0	0	0
451	5100	460.4	474.1	12.9	0	0	0	0
444.6	5200	462.8	467.5	13	0	0	0	0
437.6	5300	464.5	460.3	13	0	0	0	0
430	5400	465.2	452.5	13	0	0	0	0
422.1	5500	465.3	444.3	13	0	0	0	0
413.3	5600	464.1	435.3	13	0	0	0	0
404.8	5700	462.9	426.6	12.9	0	0	0	0
395.9	5800	460.9	417.3	12.8	0	0	0	0
385.3	5900	456.6	406.4	12.8	0	0	0	0
376.5	6000	453.9	397.4	12.7	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 3124
0	2	4.04		4	8	4	410.3	1 3277
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 3634
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 3953
0	9	4.04		4	8	4	410.3	1 4049
0	10	4.04		4	8	4	410.3	1 4136
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 4427
0	14	4.04		4	8	4	410.3	1 4523
0	15	4.04		4	8	4	410.3	1 4625
0	16	4.04		4	8	4	410.3	1 4721
0	17	4.04		4	8	4	410.3	1 4820
0.01	18	4.04		4	8	4	410.3	1 4931
0.01	19	4.04		4	8	4	410.3	1 5036
0.01	20	4.04		4	8	4	410.3	1 5153
0.01	21	4.04		4	8	4	410.3	1 5265
0	22	4.04		4	8	4	410.3	1 5379
0	23	4.04		4	8	4	410.3	1 5484
0	24	4.04		4	8	4	410.3	1 5586
0	25	4.04		4	8	4	410.3	1 5691
0	26	4.04		4	8	4	410.3	1 5802
0	27	4.04		4	8	4	410.3	1 5925
0.01	28	4.04		4	8	4	410.3	1 6027
0.01	29	4.04		4	8	4	410.3	1 6117
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
97	1	1.042	1.001	29.18	68	0.23	33.2	0.073
95	2	1.042	1.001	29.18	68	0.23	33.2	0.073
94	3	1.042	1.001	29.18	68	0.23	33.2	0.073
92	4	1.042	1.001	29.18	68	0.23	33.2	0.073
89	5	1.042	1.001	29.18	68	0.23	33.2	0.073
87	6	1.042	1.001	29.18	68	0.23	33.2	0.073
84	7	1.042	1.001	29.18	68	0.23	33.2	0.073
82	8	1.042	1.001	29.18	68	0.23	33.2	0.073
80	9	1.042	1.001	29.18	68	0.23	33.2	0.073
78	10	1.042	1.001	29.18	68	0.23	33.2	0.073
76	11	1.042	1.001	29.18	68	0.23	33.2	0.073
74	12	1.042	1.001	29.18	68	0.23	33.2	0.073
73	13	1.042	1.001	29.18	68	0.23	33.2	0.073
71	14	1.042	1.001	29.18	68	0.23	33.2	0.073
70	15	1.042	1.001	29.18	68	0.23	33.2	0.073
69	16	1.042	1.001	29.18	68	0.23	33.2	0.073
67	17	1.042	1.001	29.18	68	0.23	33.2	0.073
65	18	1.042	1.001	29.18	68	0.23	33.2	0.073
63	19	1.042	1.001	29.18	68	0.23	33.2	0.073
60	20	1.042	1.001	29.18	68	0.23	33.2	0.073
57	21	1.041	1.001	29.18	68	0.23	33.2	0.073
54	22	1.041	1.001	29.18	68	0.23	33.2	0.073
50	23	1.041	1.001	29.18	68	0.23	33.2	0.073
46	24	1.041	1.001	29.18	68	0.23	33.2	0.073
42	25	1.042	1.001	29.18	68	0.23	33.2	0.073
38	26	1.042	1.001	29.18	68	0.23	33.2	0.073
33	27	1.042	1.001	29.18	68	0.23	33.2	0.073
28	28	1.042	1.001	29.18	68	0.23	33.2	0.073
24	29	1.042	1.001	29.18	68	0.23	33.2	0.073
20	30	1.041	1.001	29.18	68	0.23	33.2	0.073
16	31	1.041	1.001	29.18	68	0.23	33.2	0.073

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