

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	430.8	246.1	59.8	57.5	117.3	0	0.477
2	3100	429.7	253.6	60.7	57.4	118.1	0	0.466
3	3200	432.9	263.8	62.9	58.1	121	0	0.459
4	3300	438.5	275.5	65.1	59.3	124.4	0	0.451
5	3400	444.1	287.5	67	60.9	127.9	0	0.445
6	3500	449	299.2	68.8	63.2	132	0	0.441
7	3600	453.4	310.8	70.3	66	136.2	0	0.438
8	3700	457.3	322.2	71.8	69.4	141.2	0	0.438
9	3800	459.5	332.5	73.7	72.2	145.9	0	0.439
10	3900	461	342.3	76.1	74.8	150.9	0	0.441
11	4000	462.2	352	78.2	76.7	154.9	0	0.44
12	4100	463.4	361.7	79.7	78.5	158.2	0	0.437
13	4200	464.8	371.7	81.6	80.5	162	0	0.436
14	4300	465.9	381.4	83.6	82.3	166	0	0.435
15	4400	466.5	390.9	85.9	84.4	170.3	0	0.436
16	4500	466.2	399.4	88.3	86.4	174.7	0	0.437
17	4600	464.9	407.2	90.9	88.5	179.3	0	0.44
18	4700	462.8	414.2	93.5	90.4	183.8	0	0.444
19	4800	459.8	420.3	95.7	92.6	188.3	0	0.448
20	4900	456.1	425.5	96.9	95.1	192	0	0.451
21	5000	451.5	429.9	98.8	97.7	196.5	0	0.457
22	5100	446.6	433.7	101.7	99.9	201.6	0	0.465
23	5200	440.4	436	104.9	101.3	206.2	0	0.473
24	5300	433.7	437.7	107.5	101.8	209.3	0	0.478
25	5400	425.3	437.3	108.9	102.1	211	0	0.482
26	5500	417.8	437.5	108.3	102.9	211.2	0	0.483
27	5600	410	437.1	108.6	104.3	212.9	0	0.487
28	5700	400.9	435.1	108.9	105.7	214.6	0	0.493
29	5800	391	431.8	107.6	106.3	214	0	0.496
30	5900	381.2	428.2	105.7	106.2	211.8	0	0.495
31	6000	371.9	424.9	103.8	105.8	209.6	0	0.493

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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	457.7	261.4	117.3	-0.1	74.7	12.5	0.477
0	3100	456.6	269.5	118.1	-0.1	74.8	12.3	0.466
0	3200	460.1	280.3	121	-0.1	75	12.1	0.459
0	3300	466.1	292.9	124.4	-0.1	75.2	11.9	0.451
0	3400	472.1	305.6	127.9	-0.1	75.4	11.8	0.445
0	3500	477.4	318.1	132	-0.1	75.6	11.9	0.441
0	3600	482.1	330.4	136.2	-0.1	75.8	12	0.438
0	3700	486.3	342.6	141.2	-0.1	75.9	12.1	0.438
0	3800	488.7	353.6	145.9	-0.1	76.1	12.1	0.439
0	3900	490.3	364.1	150.9	-0.1	76.2	12.2	0.441
0	4000	491.7	374.5	154.9	-0.1	76.3	12.2	0.44
0	4100	493	384.9	158.2	-0.1	76.4	12.3	0.437
0	4200	494.6	395.5	162	-0.1	76.5	12.5	0.436
0	4300	495.8	405.9	166	-0.1	76.6	12.7	0.435
0	4400	496.6	416	170.3	-0.1	76.7	12.7	0.436
0	4500	496.3	425.2	174.7	-0.1	76.9	12.7	0.437
0	4600	495	433.5	179.3	-0.1	77.1	12.7	0.44
0	4700	492.9	441.1	183.8	-0.1	77.3	12.7	0.444
0	4800	489.9	447.7	188.3	-0.1	77.4	12.8	0.448
0	4900	485.9	453.4	192	-0.1	77.5	12.9	0.451
0	5000	481.3	458.2	196.5	-0.1	77.5	13	0.457
0	5100	476.1	462.4	201.6	-0.1	77.4	13.1	0.465
0	5200	469.7	465.1	206.2	-0.1	77.4	13	0.473
0	5300	462.8	467	209.3	-0.1	77.4	12.8	0.478
0	5400	454.1	466.9	211	-0.1	77.3	12.7	0.482
0	5500	446.3	467.3	211.2	-0.1	77.4	12.7	0.483
0	5600	438.1	467.1	212.9	-0.2	77.4	12.5	0.487
0	5700	428.7	465.2	214.6	-0.1	77.6	12.4	0.493
0	5800	418.4	462	214	-0.1	77.8	12.3	0.496
0	5900	408.2	458.6	211.8	-0.1	78.1	12.4	0.495
0	6000	398.6	455.3	209.6	-0.1	78.4	12.4	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
158.4	3000	261.4	0	7.5	-0.1	0.1	0.1	74.7
157.9	3100	269.5	0	7.5	-0.1	0.1	0.1	74.8
159.1	3200	280.3	0	7.5	-0.1	0.1	0.1	75
161.2	3300	292.9	0	7.5	-0.1	0.1	0.1	75.2
163.3	3400	305.6	-0.1	7.5	-0.1	0.1	0.1	75.4
165.1	3500	318.1	0	7.5	-0.1	0.1	0.1	75.6
166.7	3600	330.4	0	7.5	-0.1	0.1	0.1	75.8
168.1	3700	342.6	0	7.5	-0.1	0.1	0.1	75.9
168.9	3800	353.6	0	7.5	-0.1	0.1	0.1	76.1
169.5	3900	364.1	0	7.5	-0.1	0.1	0.1	76.2
169.9	4000	374.5	0	7.5	-0.1	0.1	0.1	76.3
170.3	4100	384.9	0	7.5	-0.1	0.1	0.1	76.4
170.8	4200	395.5	0	7.5	-0.1	0.1	0.1	76.5
171.3	4300	405.9	0	7.4	-0.1	0.1	0.1	76.6
171.5	4400	416	0	7.4	-0.1	0.1	0.1	76.7
171.3	4500	425.2	0	7.5	-0.1	0.1	0.1	76.9
170.9	4600	433.5	-0.1	7.4	-0.1	0.1	0.1	77.1
170.1	4700	441.1	0	7.4	-0.1	0.1	0.1	77.3
169	4800	447.7	0	7.4	-0.1	0.1	0.1	77.4
167.6	4900	453.4	0	7.5	-0.1	0.1	0.1	77.5
166	5000	458.2	0	7.5	-0.1	0.1	0.1	77.5
164.2	5100	462.4	0	7.4	-0.1	0.1	0.1	77.4
161.9	5200	465.1	-0.1	7.4	-0.1	0.1	0.1	77.4
159.4	5300	467	-0.1	7.4	-0.1	0.1	0.1	77.4
156.3	5400	466.9	-0.1	7.5	-0.1	0.1	0.1	77.3
153.6	5500	467.3	-0.1	7.5	-0.1	0.1	0.1	77.4
150.7	5600	467.1	-0.1	7.5	-0.2	0.1	0.1	77.4
147.4	5700	465.2	-0.1	7.5	-0.1	0.1	0.1	77.6
143.7	5800	462	-0.1	7.5	-0.1	0.1	0.1	77.8
140.1	5900	458.6	-0.1	7.5	-0.1	0.1	0.1	78.1
136.7	6000	455.3	-0.1	7.5	-0.1	0.1	0.1	78.4

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	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
0.1	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	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	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	7.5	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	135	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	7.5	0	0	0
0	4200	0	137	0	0	7.5	0	0	0
0	4300	0	137	0	0	7.4	0	0	0
0	4400	0	137	0	0	7.4	0	0	0
0	4500	0	137	0	0	7.5	0	0	0
0	4600	0	137	0	0	7.4	0	0	0
0	4700	0	138	0	0	7.4	0	0	0
0	4800	0	138	0	0	7.4	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	7.4	0	0	0
0	5200	0	138	0	0	7.4	0	0	0
0	5300	0	139	0	0	7.4	0	0	0
0	5400	0	139	0	0	7.5	0	0	0
0	5500	0	139	0	0	7.5	0	0	0
0	5600	0	140	0	0	7.5	0	0	0
0	5700	0	140	0	0	7.5	0	0	0
0	5800	0	140	0	0	7.5	0	0	0
0	5900	0	140	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	59.8	57.5	117.3		0	0	0	0	0
0	3100	60.7	57.4	118.1		0	0	0	0	0
0	3200	62.9	58.1	121		0	0	0	0	0
0	3300	65.1	59.3	124.4		0	0	0	0	0
0	3400	67	60.9	127.9		0	0	0	0	0
0	3500	68.8	63.2	132		0	0	0	0	0
0	3600	70.3	66	136.2		0	0	0	0	0
0	3700	71.8	69.4	141.2		0	0	0	0	0
0	3800	73.7	72.2	145.9		0	0	0	0	0
0	3900	76.1	74.8	150.9		0	0	0	0	0
0	4000	78.2	76.7	154.9		0	0	0	0	0
0	4100	79.7	78.5	158.2		0	0	0	0	0
0	4200	81.6	80.5	162		0	0	0	0	0
0	4300	83.6	82.3	166		0	0	0	0	0
0	4400	85.9	84.4	170.3		0	0	0	0	0
0	4500	88.3	86.4	174.7		0	0	0	0	0
0	4600	90.9	88.5	179.3		0	0	0	0	0
0	4700	93.5	90.4	183.8		0	0	0	0	0
0	4800	95.7	92.6	188.3		0	0	0	0	0
0	4900	96.9	95.1	192		0	0	0	0	0
0	5000	98.8	97.7	196.5		0	0	0	0	0
0	5100	101.7	99.9	201.6		0	0	0	0	0
0	5200	104.9	101.3	206.2		0	0	0	0	0
0	5300	107.5	101.8	209.3		0	0	0	0	0
0	5400	108.9	102.1	211		0	0	0	0	0
0	5500	108.3	102.9	211.2		0	0	0	0	0
0	5600	108.6	104.3	212.9		0	0	0	0	0
0	5700	108.9	105.7	214.6		0	0	0	0	0
0	5800	107.6	106.3	214		0	0	0	0	0
0	5900	105.7	106.2	211.8		0	0	0	0	0
0	6000	103.8	105.8	209.6		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	0.61	96	119.63	0.027	3.2	247.9	246.1
7.5	3100	1.07	95	217.191	0.027	5.9	257.1	253.6
7.5	3200	1.49	93	235.694	0.027	6.4	267.7	263.8
7.5	3300	1.89	92	251.972	0.027	6.8	279.8	275.5
7.5	3400	2.27	90	264.24	0.027	7.1	292.1	287.5
7.5	3500	2.63	87	274.981	0.027	7.4	304.2	299.2
7.5	3600	2.98	85	281.197	0.027	7.6	316	310.8
7.5	3700	3.35	82	293.406	0.027	7.9	327.8	322.2
7.5	3800	3.66	80	300.654	0.027	8.1	338.4	332.5
7.5	3900	3.99	77	319.934	0.027	8.6	348.7	342.3
7.5	4000	4.3	76	320.023	0.027	8.6	358.6	352
7.5	4100	4.6	74	317.423	0.027	8.6	368.4	361.7
7.5	4200	4.93	72	310.894	0.027	8.4	378.4	371.7
7.4	4300	5.25	71	305.582	0.027	8.3	388.2	381.4
7.4	4400	5.59	69	303.924	0.027	8.2	397.7	390.9
7.5	4500	5.92	68	289.781	0.027	7.8	406.1	399.4
7.4	4600	6.29	66	285.617	0.027	7.7	413.9	407.2
7.4	4700	6.63	64	284.97	0.027	7.7	421	414.2
7.4	4800	6.98	62	293.331	0.027	7.9	427.5	420.3
7.5	4900	7.33	59	276.038	0.027	7.5	432.4	425.5
7.5	5000	7.72	56	265.83	0.027	7.2	436.7	429.9
7.4	5100	8.08	53	273.53	0.027	7.4	440.8	433.7
7.4	5200	8.43	49	291.624	0.027	7.9	443.8	436
7.4	5300	8.75	46	288.358	0.027	7.8	445.5	437.7
7.5	5400	9.16	42	257.099	0.027	6.9	444.5	437.3
7.5	5500	9.56	37	253.483	0.027	6.8	444.7	437.5
7.5	5600	9.92	32	278.461	0.027	7.5	445.1	437.1
7.5	5700	10.25	27	299.15	0.027	8.1	443.8	435.1
7.5	5800	10.57	23	322.324	0.027	8.7	441.4	431.8
7.5	5900	10.86	19	345.077	0.027	9.3	438.7	428.2
7.5	6000	11.12	16	387.138	0.027	10.5	436.8	424.9

EngTrq lbs-ft	EngSpd RPM	STPPwr CHp	STPTRq Clb-ft	LamAF1 Ratio	Air_1s SCFM	VolEff %	Air1+2 SCFM	BSAC lb/hph
430.8	3000	261.4	457.7	12.5		0	0	0
429.7	3100	269.5	456.6	12.3		0	0	0
432.9	3200	280.3	460.1	12.1		0	0	0
438.5	3300	292.9	466.1	11.9		0	0	0
444.1	3400	305.6	472.1	11.8		0	0	0
449	3500	318.1	477.4	11.9		0	0	0
453.4	3600	330.4	482.1	12		0	0	0
457.3	3700	342.6	486.3	12.1		0	0	0
459.5	3800	353.6	488.7	12.1		0	0	0
461	3900	364.1	490.3	12.2		0	0	0
462.2	4000	374.5	491.7	12.2		0	0	0
463.4	4100	384.9	493	12.3		0	0	0
464.8	4200	395.5	494.6	12.5		0	0	0
465.9	4300	405.9	495.8	12.7		0	0	0
466.5	4400	416	496.6	12.7		0	0	0
466.2	4500	425.2	496.3	12.7		0	0	0
464.9	4600	433.5	495	12.7		0	0	0
462.8	4700	441.1	492.9	12.7		0	0	0
459.8	4800	447.7	489.9	12.8		0	0	0
456.1	4900	453.4	485.9	12.9		0	0	0
451.5	5000	458.2	481.3	13		0	0	0
446.6	5100	462.4	476.1	13.1		0	0	0
440.4	5200	465.1	469.7	13		0	0	0
433.7	5300	467	462.8	12.8		0	0	0
425.3	5400	466.9	454.1	12.7		0	0	0
417.8	5500	467.3	446.3	12.7		0	0	0
410	5600	467.1	438.1	12.5		0	0	0
400.9	5700	465.2	428.7	12.4		0	0	0
391	5800	462	418.4	12.3		0	0	0
381.2	5900	458.6	408.2	12.4		0	0	0
371.9	6000	455.3	398.6	12.4		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	3130
0	2	4.04	4	8	4	410.3	1	3268
0	3	4.04	4	8	4	410.3	1	3394
0	4	4.04	4	8	4	410.3	1	3514
0	5	4.04	4	8	4	410.3	1	3628
0	6	4.04	4	8	4	410.3	1	3737
0	7	4.04	4	8	4	410.3	1	3842
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	4145
0	11	4.04	4	8	4	410.3	1	4238
0	12	4.04	4	8	4	410.3	1	4328
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	4724
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	5042
0	20	4.04	4	8	4	410.3	1	5147
0	21	4.04	4	8	4	410.3	1	5265
0	22	4.04	4	8	4	410.3	1	5373
0	23	4.04	4	8	4	410.3	1	5478
0	24	4.04	4	8	4	410.3	1	5574
0	25	4.04	4	8	4	410.3	1	5697
0	26	4.04	4	8	4	410.3	1	5817
0	27	4.04	4	8	4	410.3	1	5925
0.01	28	4.04	4	8	4	410.3	1	6024
0.01	29	4.04	4	8	4	410.3	1	6120
0.01	30	4.04	4	8	4	410.3	1	6207
0	31	4.04	4	8	4	410.3	1	6285

ServoV %	LineNo	STPCor Factor	SAECor Factor	Baro P InHga	AirInT degF	Vap P InHg	Humidy %	AirDen lb/cft	
	96	1	1.054	1.013	29.11	75.4	0.29	32.8	0.072
	95	2	1.054	1.013	29.11	75.4	0.29	32.8	0.072
	93	3	1.054	1.013	29.11	75.4	0.29	32.8	0.072
	92	4	1.054	1.013	29.11	75.3	0.29	32.8	0.072
	90	5	1.054	1.013	29.11	75.3	0.29	32.8	0.072
	87	6	1.054	1.013	29.11	75.3	0.29	32.8	0.072
	85	7	1.054	1.013	29.11	75.3	0.29	32.9	0.072
	82	8	1.054	1.013	29.11	75.3	0.29	32.9	0.072
	80	9	1.054	1.013	29.11	75.3	0.29	32.9	0.072
	77	10	1.054	1.013	29.11	75.3	0.29	32.9	0.072
	76	11	1.054	1.013	29.11	75.3	0.29	32.9	0.072
	74	12	1.054	1.013	29.11	75.3	0.29	32.9	0.072
	72	13	1.054	1.013	29.11	75.3	0.29	32.9	0.072
	71	14	1.054	1.013	29.11	75.3	0.29	32.9	0.072
	69	15	1.054	1.013	29.11	75.3	0.29	32.9	0.072
	68	16	1.054	1.013	29.11	75.3	0.29	32.9	0.072
	66	17	1.054	1.013	29.11	75.3	0.29	32.9	0.072
	64	18	1.054	1.013	29.11	75.3	0.29	32.9	0.072
	62	19	1.054	1.013	29.11	75.3	0.29	32.9	0.072
	59	20	1.054	1.013	29.11	75.3	0.29	32.9	0.072
	56	21	1.054	1.013	29.11	75.3	0.29	32.9	0.072
	53	22	1.054	1.013	29.11	75.3	0.29	32.9	0.072
	49	23	1.054	1.013	29.11	75.3	0.29	32.9	0.072
	46	24	1.054	1.013	29.11	75.3	0.29	32.9	0.072
	42	25	1.054	1.013	29.11	75.3	0.29	32.9	0.072
	37	26	1.054	1.013	29.11	75.3	0.29	32.9	0.072
	32	27	1.053	1.013	29.11	75.3	0.29	32.9	0.072
	27	28	1.053	1.013	29.11	75.3	0.29	32.9	0.072
	23	29	1.053	1.013	29.11	75.3	0.29	33	0.072
	19	30	1.053	1.013	29.11	75.3	0.29	33	0.072
	16	31	1.053	1.013	29.11	75.3	0.29	33	0.072

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