

ENGINE RUN PARAMETERS

Time		RPM	MP / TDP "Hg	Oil		Fuel				Cell °F	Cylinder Head Temperature °F					
Reading	Minutes			PSI	°F	Lbs./Hr.	Nozzle PSI	Pump PSI	Fuel °F		# 1	# 2	# 3	# 4	# 5	# 6
1	5	1200	17.96/30.30	68	119	49.53	5.87	19.19	74	74	171	224	228	225	220	178
*2	5	1600	20.53/30.85	43	185	46.28	5.67	13.27	80	75	283	293	263	285	259	246
3	5	2100	25.13/32.67	48	186	81.68	7.98	31.59	80	70	298	321	290	316	299	254
4	5	2450	28.83/35.57	44	206	98.13	10.11	40.04	83	71	366	384	344	382	371	305
5	5	F/T 2630	36.52/37.58	36	238	108.60	11.52	37070	87	72	421	435	372	438	416	336
*6	5	Idle 656	18.70/29.81	21	170	10.23	3.95	5.70	76	75	285	264	269	245	215	171
*7	5	2552	33.35/34.11	42	205	159.38	16.17	30.18	85	75	335	332	317	336	336	300
Ambient Air Temperature °F		Ambient Air Pressure		Transfer Collar Δ P		Maximum Rated Power Engine Operational Parameters										
71.5		29.34		IN	OUT	RPM		"Hg MP		Fuel Flow Lbs./Hr.		Metered PSI		Unmetered PSI		
				44	45	2700		32.5		160-170		15.3-17.2		29-32		

Notes: Operator – Lisa Jersild. Transfer collar pressure delta measured at full throttle power setting.

Engine Performance Test				
Test RPM	Left Magneto	Left Magneto	Right Magneto	Right Magneto
	RPM	RPM Drop	RPM	RPM Drop
2100	2008	92	2004	96

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- Runs 2,6 and 7 were completed after the adjustment of the fuel pump.
- Run 7 was completed after adjustment of the controller and manifold pressure.