

ENGINE RUN PARAMETERS

Engine Operational Test Log

Record	RPM	MP " Hg	Oil		Fuel			Cell °F	Cylinder Heat Temp (CHT) / Exhaust Gas Temp (EGT) °F						
			PSI	°F	Lbs/Hr	Nozz PSI	Pump PSI		Fuel °F	# 1	# 2	# 3	# 4	# 5	# 6
1	1200	15.5	54	65	23.1	4.2	14.3	59	65	322/904	305/903	336/914	275/806	257/907	208/901
2	1600	17.3	67	65	Error	4.8	16.9	57	65	286/1085	267/1050	304/1036	259/1006	243/1099	209/1051
3	2100	25.5	55	78	75.6	7.5	20.6	69	74	386/1192	368/1205	413/1209	346/1193	320/1239	265/1186
4	2450	28.3	51	106	107.4	10.8	24.3	69	74	436/1346	492/1297	429/1357	447/1309	375/1316	317/1283
5	F/T 2500	29.3	51	106	110.2	11.7	24.4	69	74	340/1367	441/1324	346/1390	425/1336	333/1357	296/1289
6	Idle 750	19.4	20	78	12.6	3.7	11.2	69	74	324/477	389/441	332/548	385/751	288/611	211/157
Ambient Air Temperature °F			Ambient Air Pressure		Transfer Collar Δ P		Maximum Rated Power Engine Operational Parameters								
67			29.95		IN	OUT	RPM	"Hg MP	Fuel Flow Lbs/Hr	Metered PSI	Unmetered PSI				
					32	34	2700	N/A	136-146	14.9-17.2	28.0-31.0				

Notes: Operator – Lisa Jersild.

Transfer collar pressure delta measured at full throttle power setting.

All recoded data was taken at 2-minute intervals unless otherwise noted.

Engine Performance Test				
Test RPM	Left Magneto	Left Magneto	Right Magneto	Right Magneto
	RPM	RPM Drop	RPM	RPM Drop
2100	2076	24	2056	44