

OPERATING CONDITIONS (CONT.)

FUEL PRESSURE – PSI (CONT.) –

	MIN.	MAX.	IDLE MIN.
TIO-540-W2A			
Inlet to fuel pump	-2	65	
Inlet to fuel injector	31	65	12

Operation	RPM	HP	Fuel Cons. Gal./Hr.	Max. Oil Cons. Qts./Hr.	**Max. Cyl. Head Temp.
*TIO-540-A1A, -A1B, -A2A, -A2B, -A2C					
Normal Rated	2575	310	26.3	1.38	475°F (246°C)
Performance Cruise (75% Rated)	2575	230	20.5	0.77	475°F (246°C)
Economy Cruise (60% Rated)	2200	185	13.5	0.66	475°F (246°C)
*TIO-540-F2BD					
Normal Rated	2575	325	-----	1.45	475°F (246°C)
Performance Cruise (75% Rated)	2575	245	21.0	0.82	475°F (246°C)
Economy Cruise (60% Rated)	2200	195	14.0	0.65	475°F (246°C)
*TIO-540-J2B, -J2BD, -N2BD					
Normal Rated	2575	350	-----	1.56	475°F (246°C)
Performance Cruise (75% Rated)	2575	260	22.0	0.87	475°F (246°C)
Economy Cruise (60% Rated)	2200	210	15.0	0.70	475°F (246°C)
*TIO-540-R2AD					
Normal Rated	2500	340	-----	2.07	475°F (246°C)
Performance Cruise (75% Rated)	2500	260	23.5	0.47	475°F (246°C)
Economy Cruise (60% Rated)	2200	210	15.3	0.70	475°F (246°C)

* - MAXIMUM TURBINE INLET TEMPERATURE 1650°F (898.8°C).

** - At Bayonet Location – For maximum service life of the engine maintain cylinder head temperature between 150°F (65.5°C) and 435°F (223.86°C) during continuous operation.