

OPERATING LIMITS

PT6A-20/20A/20B

CONDITION	OPERATING LIMITS								
POWER SETTING	SHP	TORQUE		ITT° C (F)	Ng		Np	OIL	
		LB.FT	PSIG	MAXIMUM OBSERVED	RPM	%	RPM	PRESSURE PSIG	TEMP. °C
Takeoff and Maximum / Enroute Continued Emergency	550 21° C (70° F)	1315	42.5	750° C (1380° F)	38,100	101.5	2200 (100%)	65 - 85	10 to 99 (50° to 210°F)
Maximum Climb	538 15° C (59° F)	1315	42.5	725° C (1337° F)			2200 (100%)	65 - 85	0 to 99 (32° to 210° F)
Maximum Cruise	495 15° C (59° F)	1315	42.5	705° C (1300° F)			2200 (100%)	65 - 85	0 to 99 (32° to 210° F)
Idle				685° C (1265° F)	19, 000	51		40 (Min.)	-40 to 99 (-40° to 210° F)
Starting				1090° C (1994° F)					-40 (Min.)
Acceleration		1500	48.5	850° C (1562° F)	38, 500	102.6	2410 (110%)		0 to 99 (32° to 210° F)
Maximum Reverse	500 21° C (70° F)	1315	42.5	750° C (1380° F)	38, 100	101.5	2090 (95%) 1960 (89%)	65 - 85	0 to 99 (32° to 210° F)

Note: Refer to Table 2-6-1 Engine Operating Limits (PT6A-20, 20A and 20B) in the Maintenance Manual for additional information.