

SECTION 3
OPERATING INSTRUCTIONS

LYCOMING OPERATOR'S MANUAL
O-360 AND ASSOCIATED MODELS

OPERATING CONDITIONS (CONT.)

Oil Pressure, psi (Rear)	Maximum	Minimum	Idling
Normal Operation, All Models (Except Below)	95	55	25
TIO-360-C1A6D	95	50	25
Oil Pressure, psi (Front)			
O-360-A4N, -F1A6	90	50	20
Start, Warm-up, Taxi, and Take-off (All Models)	115		

Operation	RPM	HP	Fuel Cons. Gal/Hr.	Max. Oil Cons. Qts./Hr.	*Max. Cyl. Head Temp.
O-360-A, -C** Series					
Normal Rated	2700	180	-----	.80	500°F (260°C)
Performance Cruise (75% Rated)	2450	135	10.5	.45	500°F (260°C)
Economy Cruise (65% Rated)	2350	117	9.5	.39	500°F (260°C)
O-360-B, -D Series					
Normal Rated	2700	168	-----	.75	500°F (260°C)
Performance Cruise (75% Rated)	2450	126	11.6	.42	500°F (260°C)
Economy Cruise (65% Rated)	2350	109	9.0	.37	500°F (260°C)
O-360-A1P, -A4D, -A4P, -C4P, -F, -G Series					
Normal Rated	2700	180	-----	.80	500°F (260°C)
Performance Cruise (75% Rated)	2450	135	9.7	.45	500°F (260°C)
Economy Cruise (65% Rated)	2350	117	8.3	.39	500°F (260°C)

* - At Bayonet Location – For maximum service life of the engine maintain cylinder head temperature between 150°F and 400°F during continuous operation.

** - O-360-C2D Only – Take-off rating 180 HP at 2900 RPM, 28 in. Hg.