

Operator's Manual

Lycoming

O-360, HO-360,

IO-360, AIO-360,

HIO-360 & TIO-360 Series

Approved by FAA

8th Edition

Part No. 60297-12

LYCOMING

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SECTION 3
OPERATING INSTRUCTIONS

LYCOMING OPERATOR'S MANUAL
O-360 AND ASSOCIATED MODELS

OPERATING CONDITIONS (CONT.)

Operation	RPM	HP	Fuel Cons. Gal./Hr.	Max. Oil Cons. Qts./Hr.	*Max. Cyl. Head Temp.
IO-360-B1C					
Normal Rated	2700	177	-----	.79	500°F (260°C)
Performance Cruise (75% Rated)	2450	133	11.0	.45	500°F (260°C)
Economy Cruise (65% Rated)	2350	115	8.5	.39	500°F (260°C)
IO-360-L2A					
Normal Rated	2400	160	-----	.52	500°F (260°C)
Performance Cruise (75% Rated)	2180	120	8.8	.39	500°F (260°C)
Economy Cruise (65% Rated)	2080	104	7.6	.34	500°F (260°C)
HIO-360-A Series					
Normal Rated	2900	180†	-----	.80	500°F (260°C)
Performance Cruise (75% Rated)	2700	135	11.0	.45	500°F (260°C)
Economy Cruise (65% Rated)	2700	117	9.5	.39	500°F (260°C)
HIO-360-B Series					
Normal Rated	2900	180	-----	.80	500°F (260°C)
Performance Cruise (75% Rated)	2700	135	12.0	.45	500°F (260°C)
Economy Cruise (65% Rated)	2700	117	10.0	.39	500°F (260°C)
HIO-360-C Series					
Normal Rated	2900	205	-----	.91	500°F (260°C)
Performance Cruise (75% Rated)	2700	154	12.5	.52	500°F (260°C)
Economy Cruise (65% Rated)	2700	133	10.5	.45	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.

† - At 26 in. Hg. manifold pressure.