

CRUISE POWER

NOTES:

1. Mixture must be full rich when above 75% power. Lean using fuel flow meter at 75% power or less.
2. Add 0.4" M.P. for each 10°C above standard temperature.
3. Subtract 0.4" M.P. for each 10°C below standard temperature.
4. If above standard temperature precludes obtaining the desired M.P., use the next higher RPM/M.P. with appropriate temperature correction to M.P.

EXAMPLE

CRUISE ALT. 6000 FT.
OAT 10°C
POWER 65%
RPM 2400
M.P. 21.7 (7°C correction)

			75% POWER 150 HP				65% POWER 135 HP				55% POWER 110 HP				
PRESSURE ALTITUDE (FT)	RPM		2400	2500	2600	2700	2300	2400	2500	2600	2200	2300	2400	2500	2600
	FUEL FLOW	BEST ECON.	10.1	10.3	10.4	10.7	8.9	9.1	9.2	9.4	7.7	7.9	8.0	8.2	8.3
		BEST POWER	11.9	12.1	12.2	12.5	10.5	10.7	10.9	11.0	9.1	9.3	9.4	9.6	9.8
	STD. TEMP		MANIFOLD PRESSURE — INCHES OF MERCURY												
0	15 °C		25.4	24.5	23.6	22.8	23.7	22.8	22.0	21.2	22.0	21.0	20.2	19.5	18.9
2,000	11 °C		24.9	23.9	23.1	22.3	23.2	22.3	21.5	20.7	21.5	20.5	19.7	19.0	18.4
4,000	7 °C		24.4	23.4	22.6	21.9	22.7	21.8	21.0	20.3	21.0	20.0	19.3	18.5	17.9
6,000	3 °C		23.9	23.0	22.1	21.5	22.3	21.4	20.5	19.8	20.5	19.6	18.9	18.1	17.5
8,000	-1 °C			22.5	21.7	21.1	21.9	21.0	20.1	19.4	20.1	19.2	18.5	17.7	17.1
10,000	-5 °C							20.6	19.7	19.0	19.7	18.9	18.1	17.3	16.7
12,000	-9 °C								19.3	18.7	19.3	18.5	17.7	16.9	16.4

All data from Lycoming Operator's Manual for IO-360-A, dated July 2000.