

CRUISE POWER SETTINGS & FUEL FLOWS - BEST ECONOMY

BEST ECONOMY 50° Lean of Peak TIT														
RPM:	2500			2400			2300			2200				
	30.5	29.0	26.0	22.0	30.5	27.0	24.0	21.0	28.0	25.0	22.0	19.0	21.0	
Manifold Pressure (inHg):	STANDARD DAY CRUISE FUEL FLOW (gal/hr) @ 6.0 lb/gal													
Pr. Alt.	STD OAT	18.5	17.8	16.2	13.8	17.7	15.6	13.7	11.5	15.5	13.5	11.3	9.7	10.8
0	15° C 59° F	18.5	17.8	16.2	13.8	17.7	15.6	13.7	11.5	15.5	13.5	11.3	9.7	10.8
2000	11° C 52° F	18.4	17.7	16.1	13.8	17.6	15.7	13.8	11.8	15.6	13.9	12.0	10.0	10.9
4000	7° C 45° F	18.4	17.6	16.1	13.7	17.6	15.7	14.0	12.1	15.5	13.9	12.1	10.2	10.9
6000	3° C 38° F	18.3	17.5	16.0	13.6	17.5	15.7	14.1	12.3	15.5	13.9	12.2	10.3	10.9
8000	-1° C 30° F	18.2	17.5	15.9	13.6	17.5	15.7	14.1	12.4	15.5	13.9	12.2	10.4	10.8
10000	-5° C 23° F	18.1	17.4	15.8	13.5	17.4	15.7	14.2	12.5	15.5	13.9	12.2	10.4	10.8
12000	-9° C 16° F	18.1	17.3	15.7	13.5	17.4	15.7	14.2	12.5	15.5	13.9	12.2	10.5	10.8
14000	-13° C 9° F	18.1	17.3	15.7	13.5	17.4	15.7	14.1	12.5	15.5	13.9	12.2	10.5	10.8
16000	-17° C 2° F	18.1	17.3	15.6	13.5	17.4	15.6	14.1	12.5	15.5	13.9	12.2	10.5	10.8
18000	-21° C -5° F	18.0	17.2	15.6	13.5	17.4	15.6	14.1	12.5	15.5	13.9	12.2	10.6	10.9
20000	-25° C -12° F	18.1	17.2	15.6	13.5	17.5	15.6	14.0	12.5	15.5	13.8	12.3	10.6	11.0
22000	-29° C -19° F	18.1	17.2	15.6	13.5	17.5	15.6	14.0	12.5	15.4	13.8	12.3	10.7	11.1
24000	-33° C -27° F	18.1	17.2	15.6	13.5	17.5	15.6	14.0	12.6	15.4	13.8	12.3	10.9	11.1
25000	-35° C -30° F	18.1	17.2	15.6	13.5	17.5	15.6	14.1	12.7	15.4	13.8	12.4	11.0	11.2

Note 1: At altitudes above 22,000 feet, power settings above 2300 rpm must be operated at 1675° F TIT or richer.

Note 2: When operating above 30.5 inHg manifold pressure only FULL RICH mixture is permitted.

Note 3: Decrease Fuel Flow 0.5 gal/hr for each 10°C above standard temperature.

Note 4: Increase Fuel Flow 0.5 gal/hr for each 10°C below standard temperature.

Example: for 2500 RPM, 20000 ft Pr. Alt., -15°C OAT, 30.5 inHg MAP the fuel flow is: 18.4 - 0.5 = 17.9 gal/hr

Filled Speed & Fuel Flow table entries indicate conditions that may not be attainable without exceeding engine limitation Note 1 on Power Chart

