

CRUISE POWER SETTINGS & FUEL FLOWS - BEST POWER

BEST POWER 50° Rich 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):	Pr. Alt.	STD OAT	STANDARD DAY CRUISE FUEL FLOW (gal/hr) @ 6.0 lb/gal												
	0	15° C 59° F	21.4	20.6	18.7	16.1	20.4	18.0	15.8	13.4	17.8	15.5	13.1	10.5	11.0
	2000	11° C 52° F	21.4	20.5	18.7	16.0	20.4	18.1	16.0	13.7	17.9	15.9	13.9	11.7	12.5
	4000	7° C 45° F	21.3	20.4	18.6	15.9	20.3	18.1	16.1	14.0	17.9	16.0	14.0	11.9	12.5
	6000	3° C 38° F	21.3	20.4	18.5	15.8	20.3	18.2	16.2	14.2	17.8	16.0	14.0	12.0	12.5
	8000	-1° C 30° F	21.2	20.3	18.4	15.8	20.2	18.2	16.3	14.4	17.8	16.0	14.1	12.1	12.5
	10000	-5° C 23° F	21.1	20.2	18.3	15.7	20.2	18.2	16.4	14.5	17.8	16.0	14.1	12.1	12.4
	12000	-9° C 16° F	21.1	20.1	18.2	15.7	20.2	18.2	16.4	14.5	17.8	16.0	14.1	12.2	12.4
	14000	-13° C 9° F	21.0	20.1	18.2	15.6	20.2	18.1	16.3	14.5	17.8	15.9	14.1	12.2	12.4
	16000	-17° C 2° F	21.0	20.0	18.1	15.6	20.2	18.1	16.3	14.5	17.8	15.9	14.1	12.2	12.4
	18000	-21° C -5° F	21.0	20.0	18.1	15.6	20.2	18.0	16.2	14.5	17.8	15.9	14.1	12.3	12.5
	20000	-25° C -12° F	20.9	19.9	18.0	15.6	20.2	18.0	16.2	14.4	17.7	15.9	14.1	12.3	12.6
	22000	-29° C -19° F	20.9	19.9	18.0	15.6	20.2	17.9	16.2	14.5	17.7	15.9	14.1	12.4	12.7
	24000	-33° C -27° F	20.9	19.9	18.0	15.7	20.1	17.9	16.2	14.5	17.7	15.9	14.2	12.6	12.8
	25000	-35° C -30° F	20.9	19.9	18.0	15.7	20.1	17.9	16.2	14.6	17.6	15.9	14.2	12.7	12.8

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, 25000 ft Pr. Alt., -25°C OAT, 30.5 inHg MAP the fuel flow is: 21.3 - 0.5 = 20.8 gal/hr

Some (low) power settings may not be attainable due to low cylinder or oil temperatures depending on ambient conditions

