

POWER SETTING TABLE (I.S.A.)

T.C.M. TSIO-360K SERIES

PA-34-220T

Press Alt.	Outside Air Temp.		Economy Cruise Power			Recommended Cruise Power			Maximum Cruise Power	
	Feet	°F	°C	2400	2500	2600	2400	2500	2600	2500
S.L.	59.0	15.0	28.9	28.0	27.2	33.8	32.7	31.8	34.2	33.2
2000	51.9	11.0	28.3	27.4	26.6	33.4	32.3	31.4	33.9	32.9
4000	44.7	7.1	27.6	26.8	26.1	33.1	32.0	31.0	33.6	32.6
6000	37.6	3.1	27.0	26.3	25.5	32.7	31.7	30.6	33.3	32.3
8000	30.5	-0.8	26.4	25.7	25.0	32.4	31.3	30.2	33.0	31.9
10000	23.3	-4.8	25.8	25.1	24.4	32.0	31.0	30.0	32.7	31.8
12000	16.2	-8.8	25.2	24.5	23.9	31.7	30.7	29.8	32.4	31.8
14000	9.1	-12.7	25.0	24.3	23.7		30.4	29.6	32.1	31.7
16000	1.9	-16.7	24.8	24.1	23.5		30.0	29.4		31.7
18000	-5.2	-20.7	24.6	23.9	23.3			29.2		31.6
20000	-12.3	-24.6		23.7	23.1			29.0		
22000	-19.5	-28.6			22.9					
24000	-26.6	-32.5			22.7					
25000	-30.2	-34.5			22.6					
Mixture			← 25° F Rich of Peak EGT → Peak EGT 1650° F Max.						EGT 1525° F	
Approx. Fuel Flow per Engine GPH			9.9	10.0	10.2	13.1	13.4	13.5	14.8	15.0

EXAMPLE:

Cruise Altitude: 10000 ft.  
Cruise Power: Economy  
Engine Speed: 2500 rpm

Mixture Setting: 25° F rich of peak EGT  
Manifold Press.: 25.1 In Hg  
Approx Fuel Flow: 10 GPH

POWER SETTING TABLE - ISA

Figure 5-45

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