

POWER SETTING TABLE - T.C.M. TSIO-360K SERIES PA-34-220T

Press. Alt. Feet	Std. Alt. Temp. °C	45% Power Approx. Fuel 16 G.P.H. RPM AND MAN. PRESS.						55% Power Approx. Fuel 18.7 G.P.H. RPM AND MAN. PRESS.						65% Power Approx. Fuel 23.3 G.P.H. RPM AND MAN. PRESS.			75% Power Approx. Fuel 29.0 G.P.H. RPM AND MAN. PRESS.		
		2100	2200	2300	2400	2500	2600	2100	2200	2300	2400	2500	2600	2400	2500	2600	2500	2600	
S.L.	15	27.1	26.4	25.5	24.3	23.3	22.5	31.2	30.3	29.4	28.2	27.2	26.3	33.8	32.0	31.0	34.0	33.0	
2000	11	26.4	25.8	24.6	23.7	22.8	22.1	30.5	29.7	28.8	27.8	26.8	26.0	33.2	31.7	30.7	33.8	32.7	
4000	7	25.8	25.0	24.0	23.2	22.3	21.8	30.0	29.2	28.3	27.4	26.4	25.6	32.8	31.5	30.5	33.6	32.4	
6000	3	25.3	24.5	23.5	22.8	21.9	21.5	29.7	28.8	28.0	27.0	26.2	25.3	32.5	31.2	30.3	33.4	32.2	
8000	-1	24.8	24.0	23.0	22.4	21.6	21.2	29.4	28.4	27.7	26.8	25.7	25.0	32.3	31.0	30.1	33.1	32.0	
10000	-5	24.4	23.7	22.8	22.0	21.4	21.0		28.3	27.5	26.5	25.5	24.7	32.0	30.9	30.0	33.0	31.9	
12000	-9	24.0	23.3	22.5	21.7	21.2	20.9		28.3	27.2	26.3	25.3	24.6	31.8	30.7	29.8	32.5	31.8	
14000	-13		23.0	22.3	21.4	21.1	20.8			27.1	26.1	25.2	24.4		30.5	29.7		31.7	
16000	-17			22.0	21.3	21.0	20.6				25.9	25.0	24.3		30.4	29.5		31.6	
18000	-21				21.2	20.9	20.5					25.0	24.2			29.4			
20000	-25					21.2	20.8	20.4					24.2			29.3			
22000	-28						20.4						24.1						
24000	-33						20.4		← 1650°F MAX E.G.T. → (See P.O.H. Section 4)									← 1525°F MAX E.G.T. → (See P.O.H. Section 4)	
25000	-34						20.4												

To maintain constant power add approximately 1% for each 6°C above standard. Subtract approximately 1% for each 6°C below standard. Do not exceed 34" MAP in cruise.

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Figure 5-25