

**Power Setting Table - Lycoming Model 10-540-K, L, -M Series, 300 HP Engine**

Press. Alt Feet	Std Alt Temp °F	165 HP - 55% Rated RPM AND MAN. PRESS.			195 HP - 65% Rated RPM AND MAN. PRESS.			225 HP - 75% Rated RPM AND MAN. PRESS.			Press. Alt Feet			
		2100	2200	2300	2400	2100	2200	2300	2400	2200		2300	2400	
SL	59	22.5	21.8	21.2	20.7	25.6	24.7	23.8	23.2	27.6	26.6	25.8	25/	SL
1,000	55	22.3	21.6	21.0	20.5	25.3	24.4	23.5	22.9	27.3	26.3	25.5	24.8	1,000
2,000	52	22.1	21.4	20.7	20.2	25.1	24.2	23.3	22.7	27.1	26.1	25.2	24.5	2,000
3,000	48	21.9	21.2	20.5	20.0	24.8	23.9	23.0	22.5	26.8	25.8	24.9	24.1	3,000
4,000	45	21.7	21.0	20.3	19.8	24.6	23.7	22.8	22.2	26.5	25.6	24.6	23.7	4,000
5,000	41	21.5	20.8	20.1	19.6	24.3	23.5	22.5	22.0	-	25.3	24.4	23.5	5,000
6,000	38	21.3	20.6	19.8	19.3	24.0	23.2	22.3	21.7	-	25.0	24.1	23.2	6,000
7,000	34	21.0	20.4	19.6	19.1	23.7	22.9	22.0	21.5	-	-	-	23.8	7,000
8,000	31	20.8	20.2	19.4	18.9	-	22.5	21.8	21.2	-	-	-	-	8,000
9,000	27	20.6	20.0	19.2	18.6	-	-	21.5	21.0	-	-	-	-	9,000
10,000	23	20.4	19.8	19.0	18.4	-	-	21.2	20.7	-	-	-	-	10,000
11,000	19	20.2	19.6	18.7	18.2	-	-	-	20.4	-	-	-	-	11,000
12,000	16	20.0	19.4	18.5	18.0	-	-	-	-	-	-	-	-	12,000
13,000	12	-	19.2	18.3	17.7	-	-	-	-	-	-	-	-	13,000
14,000	9	-	-	18.0	17.3	-	-	-	-	-	-	-	-	14,000
15,000	5	-	-	-	16.9	-	-	-	-	-	-	-	-	15,000

To maintain constant power, correct manifold pressure approximately 0.18" Hg for each 10° F variation in induction air temperature from standard altitude temperature. Add manifold pressure for air temperature above standard; subtract for temperature below standard.

NOTE: Full throttle manifold pressure values may not be obtainable when atmospheric conditions are non-standard.

POWER SETTING TABLE

Figure 5-17