

# Power Setting Table - Lycoming Model IO-360-B1E Series, 180 HP Engine

Press. Alt Feet	Std. Alt Temp °F	99 HP - 55% <sup>7</sup> Rated				117 HP - 65% <sup>7</sup> Rated				135 HP - 75% <sup>7</sup> Rated			Press. Alt Feet
		RPM AND MAN. PRESS.				RPM AND MAN. PRESS.				RPM AND MAN. PRESS.			
		2100	2200	2300	2400	2100	2200	2300	2400	2200	2300	2400	
SL	59	21.2	20.7	20.2	19.7	24.0	23.4	22.8	22.2				SL
1,000	55	21.0	20.5	20.0	19.5	23.8	23.2	22.5	22.0	26.0	25.4	24.7	1,000
2,000	52	20.7	20.3	19.7	19.3	23.5	22.9	22.3	21.8	25.8	25.1	24.5	2,000
3,000	48	20.5	20.0	19.5	19.1	23.2	22.7	22.0	21.5	25.5	24.8	24.2	3,000
4,000	45	20.3	19.8	19.3	18.9	23.0	22.5	21.8	21.3	25.3	24.6	24.0	4,000
5,000	41	20.0	19.6	19.1	18.6	22.7	22.2	21.5	21.1	25.1	24.3	23.8	5,000
6,000	38	19.8	19.4	18.9	18.4	22.5	22.0	21.3	20.9	FT	24.1	23.5	6,000
7,000	34	19.6	19.2	18.7	18.2	22.0	21.8	21.1	20.7	--	FT	23.3	7,000
8,000	31	19.3	18.9	18.4	18.0	FT	21.5	20.9	20.5	--	--	FT	8,000
9,000	27	19.1	18.7	18.2	17.8	--	FT	20.6	20.3				9,000
10,000	23	18.9	18.5	18.0	17.6	--	--	FT	20.1				10,000
11,000	19	18.6	18.3	17.8	17.4	--	--	--	FT				11,000
12,000	16	18.4	18.1	17.6	17.2								12,000
13,000	12	FT	17.8	17.4	17.0								13,000
14,000	9	--	FT	17.1	16.8								
15,000	5	--	--	FT	FT								

To maintain constant power, correct manifold pressure approximately 0.17" Hg for each 10° F variation in carbure temperature from standard altitude temperature. Add manifold pressure for air temperatures above standard, subtract temperatures below standard.