

Fuel & Power Chart -- Lycoming IO-540-D (260 HP)

Press Alt	Std. Alt.	143 HP – 55% Rated Approx Fuel 10-12 GPH				169 HP – 65% Rated Approx. Fuel 12–14 GPH				195 HP – 75% Rated Approx . Fuel 14-16 GPH			
		1000 Ft	Temp Deg F	2100	2200	2300	2400	2100	2200	2300	2400	2200	2300
SL	59	22.3	21.5	20.7	19.8	25.3	24.1	23.2	22.2	26.9	25.8	24.8	24.0
1	55	22.1	21.3	20.5	19.6	25.1	23.9	22.9	22.0	26.6	25.5	24.5	23.7
2	52	21.9	21.0	20.3	19.4	24.8	23.6	22.7	21.8	26.3	25.3	24.3	23.5
3	48	21.7	20.8	20.0	19.2	24.5	23.4	22.5	21.6	26.0	25.0	24.0	23.2
4	45	21.4	20.6	19.8	19.0	24.2	23.1	22.2	21.4	FT	24.7	23.8	22.9
5	41	21.2	20.3	19.6	18.8	24.0	22.9	22.0	21.1	--	FT	23.5	22.7
6	38	21.0	20.1	19.4	18.6	FT	22.6	21.7	20.9	--	--	FT	22.4
7	34	20.7	19.9	19.1	18.4	--	22.4	21.5	20.7	--	--	--	FT
8	31	20.5	19.6	18.9	18.2	--	FT	21.2	20.5				
9	27	20.3	19.4	18.7	18.0	--	--	FT	20.3				
10	23	20.0	19.2	18.5	17.7	--	--	--	FT				
11	19	FT	18.9	18.2	17.5								
12	16	--	FT	18.0	17.3								
13	12	--	--	17.8	17.1								
14	9	--	--	FT	16.9								
15	5	--	--	--	FT								

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

FT = Full Throttle