

SPEED and POWER SETTINGS vs ALTITUDE - (BEST POWER)

18000 Ft. Pressure Altitude							
Δ ISA: (OAT)		-30 -54	(-51) ^{°C} (-81) ^{°F}	0 0	(-20) ^{°C} (-27) ^{°F}	30 54	(10) ^{°C} (27) ^{°F}
RPM	MAP	KTAS	GPH	KTAS	GPH	KTAS	GPH
2500	30.5	226	22.6	228	21.2	226	19.6
2500	29.0	222	21.6	224	20.2	222	18.7
2500	26.0	214	19.5	215	18.3	213	16.9
2500	22.0	202	16.9	202	15.8	200	14.6
2400	30.5	223	21.8	225	20.4	223	18.8
2400	27.0	214	19.5	215	18.2	213	16.8
2400	24.0	206	17.6	206	16.4	204	15.2
2400	21.0	196	15.7	196	14.6	193	13.5
2300	28.0	214	19.2	214	17.9	212	16.6
2300	25.0	204	17.2	205	16.1	203	14.9
2300	22.0	195	15.3	194	14.3	192	13.2
2300	19.0	183	13.3	183	12.5	180	11.5
2200	21.0	186	13.6	185	12.7	182	11.7

16000 Ft. Pressure Altitude							
Δ ISA: (OAT)		-30 -54	(-47) ^{°C} (-81) ^{°F}	0 0	(-16) ^{°C} (-27) ^{°F}	30 54	(14) ^{°C} (27) ^{°F}
RPM	MAP	KTAS	GPH	KTAS	GPH	KTAS	GPH
2500	30.5	223	22.6	223	21.2	222	19.6
2500	29.0	219	21.6	219	20.2	218	18.7
2500	26.0	210	19.6	211	18.3	209	16.9
2500	22.0	198	16.9	198	15.8	196	14.6
2400	30.5	219	21.8	220	20.3	218	18.8
2400	27.0	210	19.5	211	18.2	209	16.9
2400	24.0	201	17.6	202	16.5	200	15.2
2400	21.0	192	15.7	192	14.7	190	13.6
2300	28.0	209	19.2	210	18.0	208	16.6
2300	25.0	200	17.2	200	16.1	198	14.9
2300	22.0	190	15.3	190	14.3	188	13.2
2300	19.0	179	13.3	179	12.4	176	11.5
2200	21.0	181	13.5	181	12.6	178	11.7

Some (low) power settings may not be attainable due to low cylinder or oil temperatures depending on ambient conditions

