

COMMANDER 114 PERFORMANCE SPECIFICATIONS**

Engine – 6-cylinder Lycoming IO-540-T4B5D, 260 HP @ 2700 RPM

Prop – Hartzell HC-C2YR-1BF, Constant Speed, 2-Blade

Weights - Empty – 1,905 lbs.; Gross – 3,140 lbs.

Fuel – 70 Gals. Total, 68 Gals. Usable

Oil – 8 qts. Total Capacity

Wing Area – 393.10" / 152 ft.²

Speed, (kts) – Max – 187; 75% - 150; 65% - 141; 55% - 135

Takeoff Ground Roll – 1,390 ft.

Climb (ISA, MGW, S.L.) – 1,088 ft./min.

Range – 75% - 619 nm; 65% - 650 nm; 55% - 675 nm

Ceiling – 17,400 ft.

Landing Ground Roll – 680 ft.

Owner-Reported Cruise:

- 6500 ft., 23MP, 2510 RPM – TAS 146.4 kts. @ 13.9 GPH, 7°C, 2550 lbs.
- 5500 ft., 23.5MP, 2450 RPM – TAS 143 kts. @ 12.7 GPH, 15°C, 2700 lbs.
- 6000 ft., 24MP, 2300 RPM – TAS 146 kts. @ 11.4 GPH, 51°F, 2700 lbs.
- 11,000 ft., 20MP, 2400 RPM – TAS 150 kts. @ 12.5 GPH, -12°C, 2700 lbs.