

Performance

Conditions

All estimated performance data are based on airplane weights at 2,550 pounds; standard atmospheric conditions; level, hard-surface, dry runways; and no wind. They are calculated values derived from flight tests conducted by The Cessna Aircraft Company under carefully documented conditions and will vary with individual airplanes and numerous factors affecting flight performance.

Speed

Maximum at sea level	126 kts	(233 kph)
Cruise, 75% power at 8,500 ft	124 kts	(230 kph)

Cruise (Recommended lean mixture with fuel allowance for engine start, taxi, takeoff, climb and 45-minute reserve)

75% power at 8,500 ft	range	518 nm	(959 km)
53 gallons usable fuel	time	4.26 hr	
45% power at 10,000 ft	range	638 nm	(1,182 km)
53 gallons usable fuel	time	6.72 hr	

Rate of Climb at Sea Level	730 fpm	(223 mpm)
Service Ceiling	14,000 ft	(4,267 m)

Takeoff Performance

Ground roll	960 ft	(293 m)
Total distance over 50 ft obstacle	1,630 ft	(497 m)

Landing Performance

Ground roll	575 ft	(175 m)
Total distance over 50 ft obstacle	1,335 ft	(497 m)

Stall Speed, CAS

Flaps up, power off	53 knots	(98 kph)
Flaps down, power off	48 knots	(89 kph)

Wing Loading	14.7 lb/sq ft	(71.8 kg/sq m)
Power Loading	14.2 lb/hp	(6.4 kg/hp)

Engine: Textron Lycoming	IO-360-L2A	
180 BHP at 2,700 RPM		

Propeller: 2-Bladed Fixed Pitch, Diameter	76 in	(1.93 m)
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