

Skyhawk SP. Specification & Description

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 Cessna Aircraft Company under carefully documented conditions and will vary with individual airplanes, pilots, and numerous factors affecting flight performance.

	English	Metric
Cruise * 45% power at 10,000 ft range time	638nm 6.72 hr	(1,182 km)
Cruise * 75% power at 8,500 ft range time	518nm 4.26 hr	(959 km)
Engine: Textron Lycoming IO-360-L2A 180 BHP at 2,700 RPM		
Landing Performance		
Ground roll	575 ft	(175 m)
Total distance over 50 ft obstacle	1,335 ft	(407 m)
Power Loading	14.2 lb/hp	(6.4 kg/hp)
Propeller: 2-Bladed Fixed Pitch, Diameter	76 in	(1.9 m)
Rate of Climb at Sea Level	730 fpm	(223 mpm)
Service Ceiling	14,000 ft	(4,267 m)
Speed		
Maximum at sea level	126 kts	(233 kph)
Cruise, 75% power at 8,500 ft	124 kts	(230 kph)
Stall Speed, CAS		
Flaps up, power off	53 knots	(98 kph)
Flaps down, power off	48 knots	(89 kph)
Takeoff Performance		
Ground roll	960 ft	(293 m)
Total distance over 50 ft obstacle	1,630 ft	(497 m)
Wing Loading	14.7 lb/sq ft	(71.8kg/sqm)