

Turbo Stationair. Specification & Description



Performance

Conditions

All estimated performance data are based on airplane weights at 3,100 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 other factors affecting flight performance.

	English	Metric
Cruise - 45% power at 10,000 ft range time	703 nm 6.3 hr	(1,302 km)
Cruise - 75% power at 10,000 ft * time range	3.6 hr 533 nm	(987 km)
Cruise - 75% power at 20,000 ft * time range	3.6 hr 559 nm	(1,035 km)
Cruise - Maximum range at 10,000 ft * range time	713nm 6.4 hr	(1,320 km)
Cruise - Maximum range at 20,000 ft * range time	692nm 6.1 hr	(1,282 km)
Engine: Textron Lycoming TIO-540-AJ1A 310 BHP at 2,500 RPM		
Landing Performance		
Ground Roll	735 ft	(224 m)
Total Distance over 50 ft obstacle	1,395 ft	(425 m)
Power Loading	11.6 lb/hp	(5.27 kg/hp)
Propeller: McCauley 3-Bladed Constant Speed Diameter	79 in	2.01 m
Rate of Climb at Sea Level	1,050 fpm	(320 mpm)
Service Ceiling	27,000 ft	(8,230 m)
Speed		
Maximum at 17,000	178 kts	(330 kph)
Cruise, 75% power at 20,000 ft	164 kts	(304 kph)
Cruise, 75% power at 10,000 ft	150 kts	(278 kph)
Stall Speed, KCAS		
Flaps up, power off	62 knots	(115 kph)
Flaps down, power off	54 knots	(100 kph)
Takeoff Performance		
Ground roll	910 ft	(277 m)
Total Distance over 50 ft obstacle	1,740 ft	(530 m)

Wing Loading

20.7 lb/sq
ft

101.1 kg/sq
m

06/12/07

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