

Turbo Skylane. Specification & Description



Performance

Conditions

All information herein applies to the Turbo Skylane (Model T182T).

The Turbo Skylane aircraft is an all-metal, single-engine piston, high-wing monoplane with a four-person seating capacity, including a crew of one or two. Suitable allowance for luggage is provided.

The Model T182T is certified to the requirements of U.S. FAA Federal Aviation Regulation Part 23 through amendment 23-6, including day, night, VFR and IFR.

	English	Metric
Certificated Maximum Operating Altitude	20,000 ft	(6,096 m)
Cruise *45% power at 12,500 ft range time	971 nm 8.90 hrs	(1,798 km)
Cruise *88% power at 12,500 ft range time	615 nm 4.0 hrs	(1,139 km)
Engine: Textron Lycoming TIO-540-AK1A 235 BHP at 2,400 RPM		
Landing Performance		
Ground roll	590 ft	(180 m)
Total distance over 50-ft obstacle	1,350 ft	(411 m)
Power Loading	13.2 lb/hp	(6.0 kg/hp)
Propeller: 3-Bladed Constant Speed, Diameter	79 in	(2.01 m)
Rate of Climb at Sea Level	1,040 fpm	(317 mpm)
Speed		
Maximum at sea level	176 kts	
Cruise, 88% power at 12,500 ft.	159 kts	
Stall Speed, CAS		
Flaps up, power off	54 knots	(100 kph)
Flaps down, power off	49 knots	(91 kph)
Takeoff Performance		
Ground roll	775 ft	(236 m)
Total distance over 50-ft obstacle	1,385 ft	(422 m)
Wing Loading	17.8 lb/sq ft	(86.9 kg/sq m)