

## Cessna 182



### C182 Skylane

Type Light utility aircraft

Manufacturer Cessna Aircraft Company

The **Cessna 182**, marketed under the name **Skylane**, is a four-seat, high performance, single-engine, light airplane. Introduced in 1956, the 182 has been produced in a number of variants, including a version with retractable landing gear, and is the second most popular Cessna model, after the 172.

### History

The Cessna 182 was introduced in 1956 as a tricycle gear variant of the 180. In 1957, the 182A variant was introduced along with the name **Skylane**. Later models have added more powerful engines and bigger windows.

Beginning in 2005, Cessna began offering the **Garmin G1000 glass cockpit** as an optional upgrade to the Skylane. Subsequently the glass cockpit has become standard equipment.

### Model history



Cessna 182J (G-ATPT)



T182T cockpit with Garmin G1000

- 182 - **1956** - First introduced
- 182A - **1957** - higher spec model introduced, plane first called Skylane
- 182B - **1959**
- 182C - added swept tail & third side cabin window
- 182E - cut down fuselage & "omni-vision" wrap around rear window
- R182 - **1977** - retractable gear variant introduced
- 182G - elliptical rear side windows
- 182P - tubular steel undercarriage
- 182Q - **1973** - enlarge fin fillet
- T182 - turbocharged variant
- 182S - **1996** - resumed production
- 182T - **2006** - current normally aspirated model
- T182T - **2006** - current turbocharged model

## Engines

- 182 - One 230 hp (170 kW) Continental O-470-R horizontally opposed six piston engine driving a two blade constant speed propeller.
- TR182 - One 235 hp (175 kW) Lycoming O-540-L3C5D horizontally opposed turbocharged six piston engine.
- 182S - One 230 hp (170 kW) Textron Lycoming IO-540-AB1A5.

## Specifications Cessna 182T



Reims Cessna F182Q

Data from {Cessna Skylane 182T Specifications}<sup>[1]</sup> <sup>[2]</sup>

## General characteristics

- **Crew:** 1
- **Capacity:** 4
- **Length:** 29 ft 0 in (8.8392 m)
- **Wingspan:** 36 ft 0 in (10.9728 m)
- **Height:** 9 ft 4 in (2.8448 m)
- **Wing area:** 174 ft<sup>2</sup> (16.16513 m<sup>2</sup>)
- **Empty weight:** 1,970 lb (893.577 kg)
- **Loaded weight:** 3,110 lb (1410.672 kg)
- **Useful load:** 1,140 lb (517.0953 kg)
- **Max takeoff weight:** 3,100 lb (1406.136 kg)
- **Powerplant:** 1x Lycoming IO-540-AB1A5 3-Bladed Constant Speed, 230 hp (171.511 kW)

## Performance

- **Never exceed speed:** 175 knots (201.3864 mph, 324.1 km/h)
- **Maximum speed:** 150 knots (172.6169 mph, 277.8 km/h)
- **Cruise speed:** 145 knots (166.863 mph, 268.54 km/h)
- **Stall speed:** 49 knots (56.38819 mph, 90.748 km/h)

- **Range:** 930 nm (1070.228 mi, 1722.36 km)
- **Service ceiling:** 18,100 ft (5516.88 m)
- **Rate of climb:** 924 ft/min (4.69392 m/s)
- **Wing loading:** 17.8 lb/ft<sup>2</sup> (86.90721 kg/m<sup>2</sup>)

**Power/mass:** .074 hp/lb (W/kg)