

# Cessna 182 Skylane Model Guide

The Cessna 182 Skylane is a four-seat, single-engine piston airplane. The model record shows a first year of 1956 and no end year. The 182 family has many variants, from the 182 and 182A through the 182T, plus F182, R182, T182 and TR182 types. Family-level registry maxima are up to 174 kt cruise, 930 nm range and 20000 ft ceiling. Confirm the figures for any specific airplane against its own flight manual.

## KEY TAKEAWAYS

- Four seats, piston power. Family-wide maxima, not per-variant figures: up to 174 kt cruise, 930 nm range, 1400 kg MTOW.
- Documents differ by era. A 1997-and-on parts catalog and a 182/T182 maintenance manual exist, so match each to your serial number.
- Check the stall warning horn. The original is no longer available. A replacement kit exists for 182Q, 182R and T182 serials (optional).
- Common modifications: a Dynon SkyView HDX autopilot servo STC (182E-182T, T182, R/TR182) and a Wipaire Lycoming IO-580-B1A engine STC.

## SAFETY NOTES

- Checklists are not a substitute for the Aircraft Flight Manual. Use the manual for your exact airplane.
- An FAA training case describes a 182 Skylane with long-range tanks and a basic six-pack panel. It has no weather avoidance gear, so match the airplane to the mission.
- A Cessna F182Q was approved on a restricted airworthiness basis for hail-prevention work. Check the certification basis of any F182 you consider.

## WALK-AROUND ITEMS TO VERIFY

A club C182R checklist lists these checks. Oil level is 9 qt, with 10 qt the maximum. Drain the 5 fuel sumps and pull the nose fuel strainer for 4 seconds. Check the stall warning vane, pitot heat, static ports, fuel vents and cowl flaps. In the run-up, the magneto check allows 150 maximum drop and 50 difference.

## OPERATING FIGURES FROM A C182R CHECKLIST

The same checklist gives a run-up at 1700 RPM, idle at 1000 RPM, and climb power of 23 in and 2400 RPM. Maximum taxi speed is 10 kts. It also has the carburetor heat check (note the RPM drop) and the low voltage light and ammeter checks. The checklist says it does not replace the Aircraft Flight Manual.

## RECORDS, PARTS AND MODIFICATIONS

Cessna published an Illustrated Parts Catalog for Model 182 (series 1997 and on) and a Model 182/T182 Maintenance Manual. A Dynon autopilot STC covers 182E-182T, T182 and R/TR182. Wipaire's IO-580-B1A engine STC applies to Cessna 182s. STC installations need inspections under the STC holder's program, so review the logbooks for them.

AI-aggregated guide for the Cessna 182 Skylane · sources: C182R CESSNA SKYLANE CHECKLIST (#1371) · Aeronautical Decision-Making (#8915) · MODEL 182 (SERIES 1997 AND ON) ILLUSTRATED PARTS CATALOG (#793) · Cessna Aircraft Company Model 182/T182 Maintenance Manual (#1388) · NAVIGATION - STALL WARNING HORN REPLACEMENT FOR CESSNA MODELS 182, U206, 207 (#1399) · SERVICE MANUAL & ICA FOR LYCOMING IO-580-B1A ENGINE INSTALLATION IN CESSNA MODEL 182 (#21974) · SkyView HDX Autopilot Servo Installation & Maintenance Manual (#1392) · SkyView HDX Autopilot Servo Installation & Maintenance Manual (#24914) · SPECIFIC AIRWORTHINESS SPECIFICATION for Cessna F182Q (#1418) · generated 2026-10-16 · Reference only, not for flight. Check the original documents before relying on this guide.