

CESSNA 182P SKYLANE Model Guide

The CESSNA 182P SKYLANE is a single-engine piston Cessna powered by a 230 hp Continental O-470 with an 82" McCauley propeller. The listed figures are 120 kts cruise, 700 nm range on 65 gal of fuel, and a 2950 lbs maximum takeoff weight. This guide draws on the model data and the 1976 Model 182P handbook.

KEY TAKEAWAYS

- Listed cruise is 120 kts at 12 gph, with a 160 kts top speed and 700 nm range.
- 65 gal of fuel, 1150 lbs useful load and 2950 lbs maximum takeoff weight.
- Listed takeoff over a 50 ft obstacle is 1500 ft and landing over 50 ft is 1000 ft.
- Get the airplane's own weight and balance and handbook, since the library figures contain inconsistencies.

WHAT IT CARRIES

The listed empty weight is 1650 lbs, useful load is 1150 lbs, and maximum takeoff weight is 2950 lbs. Fuel capacity is 65 gal. Baggage allowance is listed at only 30 lbs, so check it against the placard. The CG range is 36 to 47 inches.

HOW IT PERFORMS

Listed cruise is 120 kts, top speed 160 kts, and climb 730 fpm. Service ceiling is 14500 ft. Takeoff needs 1200 ft ground roll (1500 ft over 50 ft). Landing needs 800 ft (1000 ft over 50 ft). Maximum crosswind is 20 kts.

WHAT TO CHECK WHEN BUYING

The Cessna Pilots Association buyer's guide covers 1956 through 1986 Skylanes. It includes sections on model-year changes, serial numbers, operating costs, insurance, pricing and a pre-purchase inspection checklist. Compare the airplane's own handbook (the 1976 182P handbook is the reference) with the library figures.

SPECIFICATIONS

Engine Hp	230
Fuel Capacity Gal	65
Wingspan Ft	36.17
Length Ft	28.17
Height Ft	9.12
Empty Weight Lbs	1650
Max Takeoff Weight Lbs	2950
Service Ceiling Ft	14500

PERFORMANCE

Cruise Speed Kts	120
Max Speed Kts	160
Range Nm	700
Rate Of Climb Fpm	730
Fuel Burn Gph	12
Takeoff Over 50ft Ft	1500
Landing Over 50ft Ft	1000
Max Crosswind Kts	20

V-SPEEDS

Vs1 Kts	60
Vso Kts	67
Vx Kts	70
Vy Kts	88
Va Kts	128
Vfe Kts	110
Vno Kts	160
Vne Kts	193

WEIGHT & BALANCE

Max Takeoff Weight Lbs	2950
Max Landing Weight Lbs	2550
Basic Empty Weight Lbs	1650
Useful Load Lbs	1150
Baggage Allowance Lbs	30
Cg Forward Inches	36
Cg Aft Inches	47

SAFETY NOTES

- Listed ramp weight is 2600 lbs, below the 2950 lbs maximum takeoff weight. Confirm limits in the airplane's own approved manual.
- The USAIG Skylane safety study attributes 80 percent of 182 accidents to pilot error and 10 percent to mechanical or maintenance causes.
- Weather decisions drove 21 percent of serious accidents in that study. Plan cross-country flights with a weather briefing.