

Cessna 206 Stationair Model Guide

The Cessna 206 Stationair is a six-seat, single-engine piston airplane in production from 1964, with a 285 hp Continental engine and an 82-inch McCauley propeller. The 206 family includes the 206, U206, P206, TU206, TP206, 206H and T206H. This guide covers what it carries, its speed limits and what to check before buying.

KEY TAKEAWAYS

- Six seats, 285 hp, 65 gal fuel and up to 3600 lb max takeoff weight, per the library data for the Cessna 206 Stationair.
- Never-exceed speed is 210 mph (182 knots). The original 206 lists 148 knots structural cruise and 96 knots with flaps extended.
- Weight varies by variant. The original 206 is certificated at 3300 lb as a landplane and 3500 lb as a floatplane, so confirm the weight for the exact airplane.
- Service manuals cover flat spring main landing gear inspection, fuel injection nozzle cleaning and magneto inspection intervals. Ask for records.

VARIANTS AND AVIONICS

Type certificate A4CE covers the 206, P206, U206, TP206 and TU206 series, plus the later 206H and T206H. The 206H and T206H use the Garmin G1000 Nav III cockpit. Older airplanes are equipped differently, so match manuals and supplements to the serial number.

MAINTENANCE ITEMS TO VERIFY

Separate service manuals exist for 1969 thru 1976 and 1977 thru 1986 airplanes. Temporary revisions added flat spring main landing gear inspection, a component time limits section, a fuel quantity indicating system test, fuel injection nozzle cleaning intervals and magneto inspection. The 1969-1976 manual also adds SEB99-18 inspection requirements. Ask for records showing compliance.

PERFORMANCE CONTEXT

Registry data for the whole 206 family shows up to 600 nm range, up to 146 kt cruise, up to 20000 ft service ceiling and up to 6 passengers. These are best-case family figures, not a promise for one airplane. Use the handbook for your serial number.

SPECIFICATIONS

Engine Hp	285
Max Takeoff Weight Lbs	3600
Fuel Capacity Gal	65
Usable Fuel Gal	63.4
Wingspan Ft	36.58
Length Ft	28.25
Height Ft	9.62

PERFORMANCE

Max Speed Kts	182
Family Max Cruise Speed Kt	146
Family Max Range Nm	600
Family Max Service Ceiling Ft	20000

V-SPEEDS

Vne Kts	182
Max Structural Cruise Kts	148
Maneuvering Kts	120
Flaps Extended Kts	96

WEIGHT & BALANCE

Max Takeoff Weight Lbs	3600
Original 206 Landplane Max Weight Lbs	3300
Original 206 Floatplane Max Weight Lbs	3500

SAFETY NOTES

- Use 100/130 minimum grade avgas. Alcohol-based fuels are prohibited on Cessna airplanes because of performance loss and fuel system damage.
- The 206H hot weather supplement shows no change to limitations or procedures. Use the basic handbook for performance data.
- The G1000 can give erroneous operation without a fault indication. The pilot must cross-check against the other instruments.