

CESSNA U206G STATIONAIR II Model Guide

The CESSNA U206G STATIONAIR II is a six-seat, single-engine, high-wing piston aircraft with a 300 hp Teledyne Continental IO-520-F and a 3-bladed constant-speed propeller. It cruises at 147 kts, has a 3600 lb maximum takeoff weight, a 180 lb baggage allowance, and a 900 ft takeoff ground roll.

KEY TAKEAWAYS

- 300 hp IO-520-F; 147 kts cruise at 75% power at 6500 ft, 156 kts maximum at sea level, service ceiling 14,800 ft.
- Maximum takeoff and landing weight is 3600 lbs. Useful load is 1441.5 lbs. Baggage limit is 180 lbs.
- Takeoff is 900 ft ground roll and 1780 ft over a 50-ft obstacle. Landing is 735 ft roll and 1395 ft over 50 ft.
- Fuel capacity varies by handbook and tank option: 61 gal or 80 gal long-range (1978), 92 gal (1981). Confirm the tanks fitted.

POWERPLANT AND FUEL

The IO-520-F is a normally aspirated, fuel-injected six-cylinder rated 300 BHP at 2850 RPM for 5 minutes and 285 BHP at 2700 RPM continuous. It takes 100LL or 100 grade fuel. The 1978 handbook lists 59 gal usable in standard tanks and 76 gal usable in long-range tanks. The 1981 handbook lists 88 gal usable.

WEIGHTS AND LOADING

The 1978 handbook gives standard empty weight as 1908 lbs for the Stationair 6 and 1977 lbs for the Stationair 6 II. The 1981 handbook gives 1928 and 1989 lbs. Maximum ramp weight is 3612 lbs. Takeoff and landing weight is 3600 lbs. Baggage is limited to 180 lbs.

WHAT TO CHECK WHEN BUYING

One 1978 example is listed with 3061 hours airframe, 1440 hours since engine overhaul, complete logs, a February 2024 annual and an asking price of \$389,900. Verify the engine and propeller hours, the logs, the fuel tank configuration, and the equipment list against the handbook.

SPECIFICATIONS

Engine Hp	300
Fuel Capacity Gal	61
Empty Weight Lbs	1908
Max Takeoff Weight Lbs	3600

PERFORMANCE

Max Speed Kts	156
Cruise Speed Kts	147
Service Ceiling Ft	14800
Rate Of Climb Fpm	920
Takeoff Distance Ft	900
Takeoff Over 50ft Ft	1780
Landing Distance Ft	735
Landing Over 50ft Ft	1395

V-SPEEDS

Va Kts	120
Vfe Kts	140
Vno Kts	149
Vne Kts	183
Stall Speed Clean Kts	62
Stall Speed Landing Kts	54

WEIGHT & BALANCE

Max Takeoff Weight Lbs	3600
Max Landing Weight Lbs	3600
Max Ramp Weight Lbs	3612
Basic Empty Weight Lbs	1908
Useful Load Lbs	1441.5
Baggage Allowance Lbs	180

SAFETY NOTES

- The owner's manual, as quoted by BEA, warns that a tank at or below one quarter capacity can starve the engine after prolonged uncoordinated flight such as sideslips.
- The AAIB 2015 report on a 1978 airframe describes an engine stoppage on downwind with fuel on board and no obvious cause found. The BEA 2022 report describes an engine shutdown in descent.
- Keep baggage within 180 lbs and the weight within 3600 lbs; the handbook has loading arrangements for seats removed.