

CESSNA U206F Model Guide

CESSNA U206F is a single-engine piston Cessna 206 variant. The only variant-specific document supplied is a Flint Aero supplement for wing tip transfer fuel tanks (STC SA436EWE). It covers the U206F, U206G, TU206F and TU206G. Registry data is for the whole 206 family, so check the airframe's own manuals and logs.

KEY TAKEAWAYS

- The Flint Aero wing tip tank STC raises maximum takeoff gross weight to 3,800 lb on the versions the supplement lists.
- The tip tanks add 30 U.S. gal of transfer fuel, 29.8 U.S. gal of it usable.
- Takeoff distance at 3,800 lb should be increased 10% over the Cessna AFM figures for a 3,600 lb airplane.
- Family-level figures only: the 206 family reaches up to 6 passengers, 146 kt cruise and 600 nm range.

WING TIP TANK MODIFICATION

Flint Aero wing tip transfer tanks (STC SA436EWE) are approved for the U206F. Each tank holds 15 U.S. gal, 14.9 usable, and the total is 30 U.S. gal (29.8 usable). Confirm the STC paperwork, the installed placards and the Supplemental Flight Manual #1 are with the aircraft, and which revision they are.

WEIGHT AND PERFORMANCE WITH THE STC

The supplement clears the airplane, floatplane and skiplane versions to 3,800 lb maximum takeoff gross weight. Forward and aft CG limits are extended in straight lines to 3,800 lb. Maximum landing gross weight is unchanged. Stall speeds and rate of climb at 3,800 lb match the unmodified airplane at 3,600 lb.

FAMILY CONTEXT

The registry shows the 206 family (variants include 206, P206, TU206 and U206) with up to 6 passengers, up to 146 kt cruise, up to 600 nm range, up to 20000 ft service ceiling and up to 1600 kg MTOW. These are family maxima, not CESSNA U206F figures. Use the aircraft's own AFM.

SPECIFICATIONS

Wingtip Transfer Fuel Total Gal	30
Wingtip Transfer Fuel Usable Gal	29.8
Wingtip Tank Capacity Each Gal	15
Wingtip Tank Usable Each Gal	14.9

WEIGHT & BALANCE

Max Takeoff Weight With Wingtip Tanks Lbs	3800
Reference Unmodified Weight Lbs	3600

SAFETY NOTES

- Transfer tip fuel only in level flight, when each main tank is 15 to 20 gallons below full and not supplying the engine.
- The tip fuel transfer pump switch must be off for takeoff, landing, filling and when the tanks are empty.
- If the flight plan needs tip fuel, test both transfer pumps early in the flight. Watch the main tank gauge to avoid overfilling.