

Cessna 411 Model Guide

The Cessna 411 is a twin-engine piston airplane built from 1965 to 1968 and certified in the Normal Category. It seats 6, 7 or 8 and has two Continental GTSIO-520-C engines rated 340 hp at 2400 rpm. Maximum takeoff and landing weight is 6500 lb. The 411A is the later variant. Buyers should concentrate on wing spar cracking, exhaust system condition, engine overhaul status and multiengine training.

KEY TAKEAWAYS

- Two Continental GTSIO-520-C engines, 340 hp at 2400 rpm. Fuel is 100 or 100LL. Capacity is 175 gal. Max takeoff weight is 6500 lb.
- Mandatory wing spar cap inspection MEL-57-01 covers 411/411A with 15,000+ hours: repeat every 50 flight hours.
- Exhaust AD 2000-01-16 inspections matter on Cessna twins including the 411; failures can start an uncontrolled fuel-fed fire.
- Check engine time: recommended TBO is 1200 hours or at least every 12 years, so calendar age matters on low-time airplanes.

LIMITS AND SPEEDS

Never exceed 231 kt, maximum structural cruising 200 kt, maneuvering 156 kt, gear operating and extended 139 kt, minimum control 90 kt (CAS). Full power allows 34.5 in. Hg up to 16,000 ft. Baggage: Model 411 120 lb at station 58.0, 240 lb and 340 lb aft; Model 411A 350 lb at station 71.0.

WING SPAR AND EXHAUST HISTORY

AD 79-10-15 R2 requires repetitive inspections of the wing spar lower cap areas for fatigue cracks on 411 series airplanes. Service letter MEL-57-01 adds a forward lower carry-through spar cap inspection. The exhaust AD 2000-01-16 requires a pressure test and tailpipe removal. Ask for logbook proof that each was done correctly.

ENGINES AND PILOT TRAINING

An NTSB-reported 411 accident involved engines beyond recommended overhaul limits. Both had been overhauled about 920 hours before the accident, and the airplane had flown about 30 hours in 6 years. The pilot held no multiengine rating. Check engine and propeller overhaul records and plan type-specific training.

SPECIFICATIONS

Engine Power Hp	340
Fuel Capacity Gal	175
Max Takeoff Weight Lbs	6500
Max Landing Weight Lbs	6500
Critical Altitude Ft	16000

PERFORMANCE

Family Max Cruise Speed Kt	214
Family Max Range Nm	1080
Family Max Service Ceiling Ft	26000

V-SPEEDS

Maneuvering Speed Kts	156
Max Structural Cruising Speed Kts	200
Never Exceed Speed Kts	231
Landing Gear Operating Speed Kts	139
Flaps 15 Extended Speed Kts	156
Flaps 45 Extended Speed Kts	139
Minimum Control Speed Kts	90

WEIGHT & BALANCE

Max Takeoff Weight Lbs	6500
Max Landing Weight Lbs	6500
Cg Forward Limit At 6500 Lbs In	150.6
Cg Aft Limit At 6500 Lbs In	155.5
Baggage 411 Station 58 Lbs	120
Baggage 411a Station 71 Lbs	350
Baggage Station 186 Lbs	240
Baggage Station 246 5 Lbs	340

SAFETY NOTES

- Further flight with a cracked carry-through spar cap is prohibited; it must be replaced before further flight.
- For the exhaust pressure test, remove all cowling and heat shields, use leak-check fluid, and reinstall parts without preload.
- In an NTSB-reported 411 accident, a pilot with no multiengine rating let speed fall 13 mph below minimum control speed after an engine failed.