

Cessna 404 Titan Model Guide

The Cessna 404 Titan is an unpressurised, low-wing light twin piston aircraft, built from 1976 to 1982. It has two crew and nine passengers (8 to 10 seats in the library entry; the type certificate allows a maximum of 11). It grew out of the 402B, with a larger wing, a 35-inch fuselage stretch and large fowler flaps. Two Continental GTSIO-520-M engines power it. Maximum takeoff weight is 8,400 lb (3,810 kg).

KEY TAKEAWAYS

- Two Continental GTSIO-520-M engines; each is rated 375 hp maximum continuous. Maximum takeoff weight is 8,400 lb, and maximum landing weight is 8,100 lb.
- Total fuel capacity is 348 US gal, of which 344 gal is usable. Use 100/130 fuel.
- Review the AD schedule: nose gear actuator rod, engine beams, fuel float valves and exhaust system are all listed.
- Accident reports show the engine-out and icing risks. Check weight and balance, and feather the failed engine's propeller promptly.

WHAT YOU ARE BUYING

An unpressurised low-wing twin with two crew and nine passengers. The design uses a bonded metal wet wing, trailing-link main landing gear and large fowler flaps. The hydraulic system comes from the 421C. Engines are Continental GTSIO-520-M with McCauley 3FF32C501/90UMB-0 propellers. The type certificate is FAA A25CE, held by Textron Aviation Inc.

LIMITS AND SPEEDS (CHECKLIST, KIAS)

Vne 241, Vno 212, Vfe 182, Vle and Vlo 182. Vmca is 78, stall 83 and 70 in landing configuration. Best rate of climb is 109, and 109 single-engine (Vyse). Maximum crosswind is 20 kt. Oil pressure limits are 10 to 100 psi. Maximum oil temperature is 240 F and maximum cylinder head temperature is 460 F. Take these from a checklist, and confirm them against the aircraft's own flight manual.

WHAT TO CHECK BEFORE BUYING

Ask for evidence of compliance with the AD schedule: nose landing gear actuator rod (S/N 404-0001 to 404-0859), engine mount beams, fuel inlet float valves, exhaust system, seats, and the severe-icing flight manual revision. Past reports cite a fatigue-failed starter gear (accessory gear train), a fatigue-failed aileron outer hinge bolt (over-torqued nut), and fuel pump failure history. Inspect these areas closely.

SPECIFICATIONS

Max Continuous Power Hp	375
Total Fuel Capacity Gal	348
Usable Fuel Gal	344
Max Crosswind Kts	20

V-SPEEDS

Vne Kts	241
Vno Kts	212
Vfe Kts	182
Vmca Kts	78
Vs Kts	83
Vso Kts	70
Vy Kts	109
Vyse Kts	109

WEIGHT & BALANCE

Max Takeoff Weight Lbs	8400
Max Landing Weight Lbs	8100

SAFETY NOTES

- A 1999 Glasgow accident: the left engine's accessory gear train failed, the failed engine's propeller was not feathered, and the aircraft could not climb on one engine.
- A 2002 incident in icing conditions saw partial power loss on both engines, a temporary loss of control and a significant loss of altitude.
- Cabin fumes can incapacitate crew. One operator now requires oxygen equipment secured within seated reach of the pilot.