

TECNAM P-2006T Model Guide

The TECNAM P-2006T is a twin-engine, four-seat piston aircraft with a high cantilevered wing and tricycle retractable landing gear, built by Costruzioni Aeronautiche Tecnam in Capua, Italy. It is EASA type certificated, and its flight manual is also approved on behalf of the FAA. Registry data for the P2006T family lists up to 135 kt cruise and up to 620 nm range.

KEY TAKEAWAYS

- Twin-engine, four-seat, retractable-gear piston aircraft. Registry family data lists up to 2100 kg MTOW and a 16000 ft service ceiling.
- Registry family figures: up to 135 kt cruise and up to 620 nm range. Confirm real numbers in the AFM performance section.
- Gear operating/extended speed VLO/VLE is 122 KIAS under Supplement G11. Check the placard is fitted and the supplement is in the AFM.
- Tecnam issued a service bulletin on a cracked exhaust pipe. Confirm it was done and logged.

PRE-BUY INSPECTION POINTS

Use the manufacturer walk-around. Check coolant level in the expansion tank (at least 2/3) and overflow bottle, and turn the propeller by hand for 15° or 30° of free play. Check oil level, drain the gascolator and sumps, and look for hydraulic leaks at the gear. Check emergency gear extension pressure (low limit 20 bar).

ENGINE FIGURES FROM AN OPERATOR CHECKLIST

One operator's normal-procedures checklist (not a substitute for the AFM) lists run-up at 1650 RPM with a magneto drop of 130 max and 50 difference. Oil temperature is 90° to 100°C, CHT is 50° to 135°C, and cruise propeller setting is 1900 to 2250 RPM. Climb propeller setting is 2250 RPM.

DOCUMENTS AND CONFIGURATION

The current AFM seen here is 4th Edition, Rev. 14 (March 03, 2020). Supplement G13 covers 70A alternators replacing the standard 40A ones (MOD 2006/202). A South African AFM supplement limits operating altitude to 14000 ft. Check that the aircraft's installed modifications match its AFM supplements.

PERFORMANCE

Family Max Cruise Speed Kts	135
Family Max Range Nm	620
Family Max Service Ceiling Ft	16000
South African Afm Max Operating Altitude Ft	14000

V-SPEEDS

Rotation Speed Kts	64
Max Gear Operating Vlo Vle Kts	122
Max Flaps Takeoff Vfe Kts	124
Max Flaps Full Vfe Kts	97
Final Approach Speed Kts	75

SAFETY NOTES

- Service bulletin SB 170: inspect all exhaust pipes on both engines for cracks or deformation within 25 flight hours or 30 days of issue. A cracked pipe was found in a pre-flight inspection.
- The AFM must be carried in the airplane at all times, and the airplane must be operated within its procedures and limitations.
- South African AFM supplement: above 12 000 feet, supplemental oxygen is required for the aircrew.