

TECNAM P2008 Model Guide

TECNAM P2008 (P2008 JC) is a single-engine, two-seat, strut-braced high-wing aircraft with fixed landing gear, built by Costruzioni Aeronautiche Tecnam in Capua, Italy. It is EASA type certificated (A.583, 27 September 2013) under CS-VLA, Normal category. It is powered by a Rotax 912 S2 rated at 98.6 hp. The standard manual lists an MTOW of 630 kg (1388 lb).

KEY TAKEAWAYS

- Two seats, fixed gear, strut-braced high wing. EASA CS-VLA certified, Normal category.
- Rotax 912 S2: 98.6 hp for 5 minutes maximum, 92.5 hp continuous, with a fixed-pitch wooden propeller.
- Standard MTOW is 630 kg (1388 lb). A Hoffman-propeller supplement lists 650 kg (1433 lb), so confirm which applies.
- Early aircraft (up to sn 033, with exceptions) fall under a Tecnam service bulletin on main landing gear nuts. Check it was done.

AIRFRAME AND POWERPLANT

Wingspan is 9.00 m (29.5 ft), length 6.93 m (22.9 ft) and height 2.67 m (8.8 ft). The engine is a four-cylinder Rotax 912 S2 of 1352 cc with an integrated reduction gearbox. The standard propeller is a GT two-blade fixed-pitch wood unit, 1730 mm in diameter, with no reduction allowed. The Hoffman supplement shows a 1740 mm propeller. Flaps are set at 0° or 35°.

LIMITS AND OPERATING DATA

The manual lists a maximum operating altitude of 13000 ft, with supplemental oxygen recommended between 10000 and 13000 ft. Demonstrated crosswind is 15 kts. Load factors are +4g and -2g, reduced to +2g with flaps extended. Maximum occupancy is two, including the pilot. Wing loading is 51 kg/m2 and power loading is 6.29 kg/hp at 630 kg.

WHAT TO CHECK WHEN BUYING

Ask whether Service Bulletin 23-UL was applied. It covers P2008 up to sn 033, excluding 028, 031 and 032, and replaces the main landing gear nuts. It takes 1 man-hour, with torque of 15 Nm (lateral) and 25 Nm (central). Also confirm the logbook entry, the brake pump update (AFM Rev 5), the pitot heat check, and that the flight manual is current and carried in the aircraft.

SPECIFICATIONS

Wing Span Ft	29.5
Length Ft	22.9
Height Ft	8.8
Takeoff Power Hp	98.6
Continuous Power Hp	92.5
Max Operating Altitude Ft	13000

PERFORMANCE

Max Demonstrated Crosswind Kts	15
Forced Landing Speed Kts	71
Max Operating Altitude Ft	13000

WEIGHT & BALANCE

Max Takeoff Weight Lbs	1388
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SAFETY NOTES

- If oil pressure falls below 12 psi, reduce throttle to minimum and land as soon as possible if it does not recover.
- If cylinder head temperature exceeds 135°C, reduce throttle and land as soon as possible if the warning stays on.
- After mechanical seizure, fire or major propeller damage, do not restart the engine. For a forced landing, hold 71 KIAS.