

TECNAM P2010 MKII Model Guide

TECNAM P2010 MKII is a single-engine piston aeroplane. The supplied documents cover the P2010 and do not name the MKII separately, so confirm your aircraft's exact configuration. The Aircraft Flight Manual (AFM) lists a 180 hp Lycoming IO-360-M1A, normal category, with a maximum takeoff weight of 2557 lb. Registry data for the family shows up to 4 passengers.

KEY TAKEAWAYS

- AFM powerplant: Lycoming IO-360-M1A, fuel injected, 180 hp at 2700 rpm. Maximum takeoff weight is 2557 lb.
- Standard prop is fixed pitch (74 in). A variable-pitch MT propeller (76 in) is covered by supplement D07.
- The GFC 700 autopilot is optional. It is 2-axis (roll and pitch) with pitch trim, and has no yaw or rudder trim control.
- Some P2010s have a Lycoming IO-390. A mandatory exhaust flame tube inspection (SB 937, AD 2026-0023) applies up to S/N 335.

ENGINE AND PROPELLER

The AFM lists a Lycoming IO-360-M1A: fuel injected, direct drive, four-cylinder, air cooled, 180 hp at 2700 rpm. The standard propeller is a fixed-pitch MT 188 R 145-4G, 74 in diameter. Supplement D07 lists a hydraulic-governed variable-pitch MTV-15-B/193-52, 76 in, with maximum continuous power of 173.3 hp at 2600 rpm. Check which propeller is fitted.

SIZE AND CERTIFICATION

Wing span is 33.79 ft, length 26.15 ft and height 8.66 ft. The cabin is 3.74 ft wide and 7.54 ft long. The type is certified in the normal category under EASA CS-23, and also validated under 14 CFR part 23. The AFM must be carried in the airplane at all times, and the owner is responsible for keeping it current.

AUTOPILOT AND AVIONICS OPTION

The optional Garmin GFC 700 autopilot works with the G1000 and uses a GDU 1044 MFD. It has roll, pitch and pitch-trim servos. ESP (Electronic Stability and Protection) runs when hand-flying with GPS available and above 200 ft AGL, and the pilot can disable it. Check whether the aircraft has this option.

SPECIFICATIONS

Wing Span Ft	33.79
Overall Length Ft	26.15
Overall Height Ft	8.66
Cabin Width Ft	3.74
Max Takeoff Weight Lbs	2557
Engine Power Hp	180
Propeller Diameter In	74

PERFORMANCE

Family Max Range Nm	715
Family Max Cruise Speed Kt	133
Family Max Service Ceiling Ft	13000

WEIGHT & BALANCE

Max Takeoff Weight Lbs	2557
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SAFETY NOTES

- SB 937 (mandatory by AD 2026-0023) covers IO-390 aircraft up to S/N 335. Initial and repeat inspections of the exhaust muffler flame tube are required.
- A blocked exhaust from a flame tube defect could cause engine malfunction or stoppage. Check the maintenance log for SB 937 compliance.
- The autopilot has no yaw axis control. ESP cannot work without GPS and is off when the A/P master switch is off.