

P2010 MK II

THE INNOVATIVE FOUR-SEAT SINGLE



Aerotec
LATINOAMÉRICA

 **TECNAM**
QUALITY AIRCRAFT SINCE 1948



P2010 MKII

THE INNOVATIVE FOUR-SEAT SINGLE

Fuel	AvGas or 100 LL (ASTM D910)
Approval	CS-23 FAR23
Flight rules	VFR-VFR/N-IFR-PBN
Tailored for	PPL+HB+VFR/N+IR+PBN+VP
Direct operating costs	€ 145,31/h - 164/h (\$149,45 - 168,7) incl. TBO reserve



TRUSTED BY FLIGHT SCHOOLS WORLDWIDE



AND MANY OTHERS

P2010_{MkII}

DESIGNED TO OFFER THE BEST TRAINING TO THE PILOTS OF THE FUTURE

The TECNAM PTwentyTen MkII is the most advanced high-wing, modern single-engine aircraft for flight training, offering exceptional performance, stability, and safety.

With balanced controls and the cutting-edge Garmin G1000 NXi avionics suite, it ensures a smooth transition from basic to advanced training.

The GFCN00 autopilot delivers precision and reliability, reducing workload while enhancing safety and efficiency. Perfect for mastering IFR operations and advanced flight training.

Its carbon fiber fuselage, metal wing, and stabilator enhance strength and efficiency, while the spacious cabin provides ergonomic seating and superior legroom. A third entry door allows easy rear-seat access, making it ideal for instructors and students alike.



HORSEPOWER

180-215 hp



MAX RANGE

720 NM - 1.333 km



MAX CRUISE

145 kts - 269 km/h



USEFUL LOAD

970 lb - 440 kg



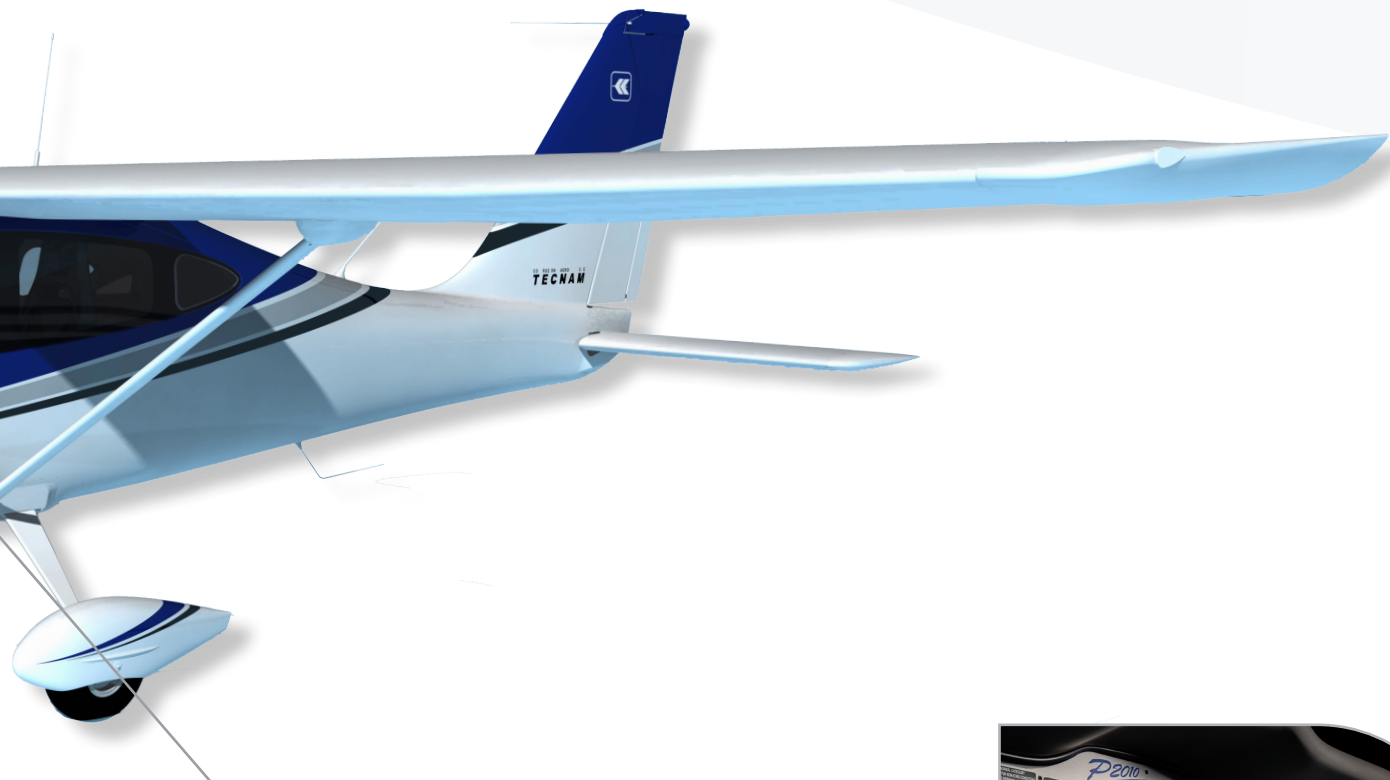
CHOOSE YOUR POWERPLANT

The P2010 offers two Lycoming engine options, allowing flight schools to tailor their fleet to their training needs:

- Lycoming IO-360M1A (180 hp) – Supports MoGas and AvGas, offering fuel flexibility and lower operating costs.
- Lycoming IO-390-C3B6 (215 hp) – Runs on AvGas, providing enhanced performance for more demanding training operations. This versatile powerplant selection ensures optimal efficiency, cost management, and adaptability, making the PTwentyTen a forwardthinking investment for flight training programs.

CABIN

Four seats, three passenger doors, and a dedicated external baggage door, the PTwentyTen offers a spacious and well-designed cabin, built for both comfort and functionality. The third entry door provides easy access for students, instructors, and passengers, enhancing convenience during training and everyday operations. Ergonomic front and rear seats ensure exceptional legroom and comfort. For added refinement, the electrically adjustable front seats enhance comfort while meeting the highest industry standards for safety and durability.



PERFORMANCE BASED NAVIGATION

The spacious composite cabin accommodates a large instrument panel, optimized for flight training operations. Equipped with a twinscreen Garmin G1000 NXi IFR suite and an integrated GFC700 autopilot, it provides students with real-world experience using advanced avionics. Performance-Based Navigation (PBN) enhances training by shifting from traditional sensor-based navigation to a modern performance-driven approach, preparing pilots for today's airspace requirements.





MAKE YOUR CHOICE

Cutting edge platform with a trusted powerplant - The PTwentyTen MkII is the obvious choice for those who want a modern aircraft in line with the latest safety amendments with a reliable engine. Its composite fuselage, metal wings, and stabilator maximize efficiency and durability, while advanced avionics ensure a smooth transition to modern flight decks. Powered by popular Lycoming engines, it guarantees easy maintenance, minimal downtime, and nationwide availability of spare parts.

Maximized efficiency - PTwentyTen is designed to reduce operating costs for flight schools. The IO-360M1A engine supports MoGas, offering a more affordable fuel option. Combined with low maintenance requirements and efficient performance, the P TwentyTen helps flight schools maximize training hours while minimizing expenses.





SPECS

POWER PLANT	P2010 180 HP	P2010 215 HP
Engine Manufacturer	Lycoming IO-360	Lycoming IO-390-C3B6
Engine Power	180 HP	215 HP
Propeller	2/3 Bladed Fixed/Variable Pitch Propeller	3 Bladed Variable Pitch Propeller
Fuel Consumption	11,9 USG/h (45 lt/h)	12 USG/h (46 lt/h)
Fuel Type	AvGas grade 91/96 or MoGas 100 LL (ASTM D910)*	AvGas
Fuel Tank Capacity	63 US Gal (240 lt)	63 US Gal (240 lt)

* For additional information, refer to Lycoming Service Instruction No. 1070, latest issue.

PERFORMANCE		
Max Cruise Speed TAS	140 kts - 259 km/h	145 kts - 269 km/h
Stall Speed (Flaps Down Power Off) CAS	52 kts - 96 km/h	53 kts - 98 km/h
Service Ceiling	12.000 ft - 3.658 m	14.000 ft - 4.267 m
Take Off Run	1.102 ft - 336 m	1.192 ft - 363 m
Take Off Distance	1.952 ft - 595 m	1.612 ft - 491 m
Rate of Climb	841 ft/min - 4,27 m/sec	1.009 ft/min - 5,1 m/sec
Landing Run	778 ft - 237 m	860 ft - 262 m
Landing Distance	1.709 ft - 521 m	1.887 ft - 575 m
Max Range	720 NM - 1.333 km	720 NM - 1.333 km

DESIGN WEIGHT AND LOADING		
Maximum Take Off Weight	2.557 lb - 1.160 kg	2.690 lb - 1.220 kg
Empty Weight, Standard	1.687 lb - 765 kg	1.720 lb - 780 kg
Useful Load	870 lb - 395 kg	970 lb - 440 kg
Baggage Allowance	88lb - 40 kg	88lb - 40 kg

Garmin G1000 Nxi

includes:

- GDU 1050 10-inches PFD
- GDU 1054 10-inches MFD
- Dual GEA 71B Engine & Airframe unit
- Dual GIA 64WAAS Com/nav/GPS/GS/Loc
- GMA1360 Digital audio system
- GMU44B Magnetometer
- GDC72 Air data computer
- GRS79 AHRS
- GTP59 OAT
- GTX345R Mode S Transponder (ADS-B In and OUT)
- GFC 700 Autopilot Including Electronic Stability & Protection (ESP)

Flight instruments and indicators

- Magnetic Compass
- GI275/MD302 Standby Attitude Module
- Pitot System Heated
- Static System
- Alternate Static Source
- Stall Warning Audible
- Stabilator Trim Position Indicator
- Rudder Trim Position Indicator

Flight controls

- Hydraulic Toe Brakes
- Parking Brake
- Electrical Flaps
- Dual Flight Controls
- Castering Nose Wheel
- Aileron Lock and Elevator Lock
- Flight Trim Controls
 - Rudder with Indicator
 - Stabilator with Indicator
- Engine Controls:
 - Throttle
 - Mixture
 - Alternate Air
 - Fuel Control Selector with LH/RH/OFF

Electrical system

- Alternator, 28 Volt, 60 Amp
- Battery, 24 Volt 19 AH
- Rocker Switches:
 - Master Switch
 - Fuel Pump
 - Landing Light
 - Taxi Light
 - Navigation Lights

– Strobe Light

- External Power Supply Receptacle
- Circuit Breaker Panel
- Static Discharge Wicks
- Landing/Taxi Light LED

Fuel system

- Two Integral Fuel Tanks With 240 Litres (64 UsGal) Total Capacity
- Engine Driven Fuel Pump
- Auxiliary Fuel Pump, Electric
- Fuel Tank Quick Drain
- Fuel Selector Valve, Left/Right/Off

Exteriors lights

- Nav. Lights LED with Strobe Aveo Full LED TSO
- Landing/Taxi Light LED

Interiors

- Pilot and Co-Pilot Seats Leather:
 - Adjustable Fore and Aft
 - Electric Vertical Adjustment
- Two Rear Passenger Seats Leather
- Seat Belts & Shoulder Harness, All Seats
- Wall To Wall Carpeting
- Hand Held Fire Extinguisher
- Map & Storage Pockets
- USB socket Type C
- Radio Call Plate
- Tow Bar
- Soundproofing
- Luggage Compartment
- Overhead Cockpit Speaker
- Four Position Intercom System
- First Aid Kit
- Powerplan

Exterior

- Epoxy Corrosion Proofing, All Structure
- LH/RH Front Door Pilot/Co-Pilot, Lock and Key
- Rh Rear Door Passenger
- Rh Baggage Door With Lock
- Rear Window
- All Lateral Windows Tinted
- Fixed Landing Gear
- White Polyurethane Exterior Paint
- Tie Down Rings
- Main Wheels, 6.00 X 6
- Nose Wheel, 5.00 X 5

Cabin comfort system

- Windshield Defroster
- Ventilator adjustable, 4 Place
- Heating System
- Soundproofing
- Cabin Monoxide Detection System

Powerplant and Propeller

- Lycoming IO-360-M1A Engine 180 HP @ 2700 RPM
- Fuel Injection System
- Tubular Steel Engine Mount
- Dynafocal Rear Mount
- Engine Driven Vacuum Pump
- Alternate Engine Air
- Oil Cooler
- Shock Mounted Cowling
- Throttle Control
- Mixture Control
- Dual Ignition System, Shielded Magneto Engine Exhaust Muffler
- Fixed Pitch 2 Blade MT Propeller
- Propeller Spinner
- Electric Starter

Product Support/Documents

- Manufacturer's Full Two Year Limited Warranty
- Pilot's Operation Handbook
- Maintenance Manual
- Parts Catalog
- Aircraft Log Book
- Engine Log Book

Standard Avionics Package

also includes:

- Altitude Encoder
- Avionics Master Switch
- Mic & Phone Jacks / Lemo Plug Pilot/Copilot/Passengers
- Hand Held Microphone
- Avionics Circuit Breaker Panel
- Pilot And Co-Pilot PTT
- ELT 406

Antennas

- Marker Beacon Antenna
- Transponder Antenna
- VHF Antenna
- NAV Antenna
- Emergency Locator Transmitter Antenna





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Specifications, weights, representations, colors, list of equipment, use of materials and model references listed herein are not warranted or guaranteed to be true or accurate. Actual use full load will vary depending on options installed on the aircraft. Always consult specific aircraft weight and balance parameters and data for flight planning. The pictures contained in this brochure of specific models or other products may contain optional equipment or non-standard features, which even if available may be at an additional cost. Some optional equipment may require separate paid subscriptions from third-party providers. You may rely only upon statements and representations contained in actual contracts that you enter into with TECNAM. Referenced TECNAM trademarks are owned by Costruzioni Aeronautiche TECNAM SpA or its subsidiaries. All other brands, product names, company names, trademarks and service marks are the properties of their respective owners. All rights reserved. ©2024, Costruzioni Aeronautiche TECNAM SpA.



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