

IMPROVING PERFECTION. NOW WITH DIESEL

The P2010TDI is where performance and comfort meet in one sexy IFR package. 4 seats; 3 passenger doors; 1 baggage door.

Continental CD-170. Metal wings, landing gear and stabilator. Carbon fibre fuselage. Balanced controls. Unsurpassed stability.

With the P2010TDI your holidays will have a different taste.

The state-of-the-art Tecnam P TwentyTen is the most advanced high-wing modern single-engine aircraft in the marketplace, today with Continental CD-170 Diesel engine. This four-seater aeroplane brings together an advanced technology all carbon fibre fuselage with a metal wing and stabilator, an expansive cabin featuring ergonomic front and rear seats with exceptional legroom and a separate third entry door.

The wide composite cabin allows for a large instrument panel with state of art avionic options: twin-screen G1000 Nxi IFR, new Flat-Panel Suite with integrated GFC700 autopilot.

An aircraft that burns just 5.2 US Gal per hour (less than 20 litres) is no longer just a dream. And it is no longer a dream to cover 1,000nm or stay airborne for more than 14 hours with the full-tank capacity of 63 US Gal (240 litres).

The TDI engine grants excellent high-altitude performance with a fast cruise above 140 KTAS at 10,000ft and ceiling up to 18,000ft.

The P2010 TDI is the best way to reach your favorite destinations and live unforgettable moments.





"Manufacturing an aircraft is not just a job, it is a challenge for perfection, driven by infinite passion and dedication."

Paolo Pascale Langer, CEO



Choosing Diesel

Tecnam's choice of Diesel fuel offers the following benefits:

Reliability and safety thanks to the redundant FADEC system (Full Authority Digital Engine Control)

without mechanical back-up;

- Significantly lower operating costs due to lower consumption and lower fuel prices for kerosene in many countries;
- Comfortable operation;
- Jet fuel, same as for civil and military jet aeroplanes;
- Compliance with U.S. DoD requirements: one single fuel;
- Consumption up to 50% (long-range cruise) less fuel than comparable ignition engines;
- Payload and range improvement;
- Instant start;
- Availability of supply where Avgas is unavailable.



Design Weight and Loading*

Maximum Take Off Weight	2.646 lb	1.200 kg
Empty Weight, Standard**	1.808 lb	820 kg
Useful Load	838 lb	380 kg
Baggage allowance	88 lb	40 kg

*Empty weight could vary by ±2%

**Without unusable fuel

The P2010 TDI is the aircraft with the longest range and lowest consumption in Tecnam fleet.

Performance	Continental CD-170 170 hp 3B Variable Pitch Propeller	
Max Cruise Speed KTAS*	140 kts	259 km/h
Stall Speed (Flaps Down Power Off) KCAS	53 kts	98 km/h
Max Operating Altitude	18000 ft	5486 m
Take off run	1394 ft	425 m
Take off distance	2211 ft	674 m
Rate of climb	740 ft/min	4 m/sec
Landing Run	886 ft	270 m
Landing Distance	1791 ft	546 m
Range**	961 NM	1780 km

*Sea Level **(75% + res. 30 min) max fuel

Tipical Mission Example	Fuel	Occupants + Luggage
400 nm FL90 Mission [MTOW] 75% PWR	24.3 USG - 92 lt	639 lb - 290 kg
600 nm FL90 Mission [MTOW] 75% PWR	34.4 USG - 130 lt	573 lb - 260 kg

Mission #	% PWR	Fuel Consumption	Speed
1 75% 6.6USG	750/	4 41 ICC /h 25 I+ /h	127 ktas (6,000ft)
	6.6USG/h - 25lt/h	132 ktas (9,000ft)	
2	60%	5.2USG/h - 19.5lt/h	110 ktas (6,000ft)
			115 ktas (6,000ft)

Standard equipment

G1000 Nxi Integrated Flight **Deck System. includes:**

- GDU 1050 10-inches PFD
- GDU 1050 10-inches MFD
- Dual GEA 71 Engine & Airframe unit
- Dual GIA 63WAAS Com/Nav/GPS/GS/Loc
- GMA 1347 Digital audio system
- GMU44 Magnetometer
- GDC72 Air data computer
- **GRS79 AHRS**
- GTP 59 OAT
- GTX345R Mode S Transponder (ADS-B IN and OUT)

FLIGHT INSTRUMENTS and INDICATORS

- Magnetic Compass
- MD 302 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
- Ailerons Lock and Elevator Lock
- Flight Trim Controls:
- Rudder with Indicator
- Stabilator with Indicator
- **Engine Controls:**
- Throttle
- Alternate Air
- Fuel Control Selector with LH/RH/OFF

ELECTRICAL SYSTEM

- Alternator, 28 Volt, 60 Amp
- Battery, 24 Volt 8.0 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 (63 US ACCESSORIES Gal) Total Capacity Two engine driven fuel pumps
- Support Fuel Pump Electric
- Fuel Tank Quick Drain
- Fuel Selector Valve, LH/RH/OFF

INTERIOR

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

EXTERIOR

- Epoxy Corrosion Proofing, All Structure
- LH/RH Front Door Pilot/Co-Pilot, Lock and Kev
- 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
- **EXTERIOR LIGHTS**
- Nav. Lights LED With Strobe Landing/Taxi Light LED

CABIN COMFORT SYSTEM

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

POWERPLANT &

- Continental CD-170 Engine 170 HP
- Tubular Steel Engine Mount
- Alternate Engine Air
- Fadec thrust-lever
- Engine Exhaust Muffler
- Constant speed MT 3 Blade Propeller
- Propeller Spinner
- Electric Starter

PRODUCT SUPPORT/ **DOCUMENTS**

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

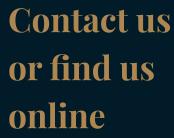
STANDARD AVIONICS **PACKAGE**

- Also includes:
- Altitude Encoder
- Avionics Master Switch
- Mic & Phone Jacks Pilot/Copilot/Passengers
- Hand Held Microphone
- Avionics Circuit Breaker Panel
- Pilot And Co-Pilot PTT
- ELT 406 mhz
- DME KING KN 63 Displayed on PFD

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 notwarranted or guaranteed to be true or accurate. Actual useful 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 nonstandard 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 req only upon statements and representations contained in actual contracts that you enter into the 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. ©2021, Costruzioni Aeronautiche TECNAM SpA.

