



# P2010 TDI

Single-Engine Aircraft



*Soar Higher*

# Improving perfection. Now with Jet-A1

The P2010 TDI is where performance and comfort meet in one complete 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-win single-engine aircraft in the marketplace, today with Continental CD-170 Jet-A1

engine. This four-seater aircraft combines together an advanced technology fuselage entirely in carbon fibre 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 avionics options: twin touch screen G1000 NXi IFR flat-panel Suite with integrated GFC700 autopilot.

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

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

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**



# Tangible Proof

Tecnam's choice of Jet-A1 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 aircraft;
- 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;
- Alternative choice where Avgas is unavailable.

The P2010 TDI is ready to bring to your destination with Sustainable Aviation Fuels (SAF) which can save up to 80% net CO<sub>2</sub> emissions.

**Discover our commitment to sustainable flight**



## Design Weight and Loading

Maximum Take-Off Weight	1.220 kg	2.690 lb
Empty Weight, Standard	820 kg	1.808 lb
Useful Load	400 kg	882 lb
Baggage Allowance	40 kg	88 lb

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

## Performance

Continental CD-170 170 hp  
3B Variable Pitch Propeller

Max Cruise Speed KTAS	259 km/h	140 kts
Stall Speed (Flaps Down Power Off) KCAS	98 km/h	53 kts
Max Operating Altitude	5.486 m	18.000 ft
Take-Off Run	444 m	1.457 ft
Take-Off Distance	703 m	2.306 ft
Rate of Climb	3,34 m/sec	659 ft/min
Landing Run	275 m	902 ft
Landing Distance	551 m	1.808 ft
Range (60% PWR - FL90)	2.408 km	1.300 nm
Approved fuel	Jet A1   Diesel	

## Typical Mission Example

	Fuel	Occupants + Luggage
432 nm FL90 Mission [MTOW] 75% PWR	24,3 USG - 92 lt	290 kg - 639 lb
610 nm FL90 Mission [MTOW] 75% PWR	34,4 USG - 130 lt	260 kg - 573 lb

Mission #	% PWR	Fuel Consumption	Speed
1	75%	6,9USG/h - 26lt/h	119 ktas (6,000ft)
			122 ktas (9,000ft)
2	60%	5,3USG/h - 20lt/h	105 ktas (6,000ft)
			113 ktas (9,000ft)

# Standard equipment

## Garmin G1000 Nxi

G1000 Nxi Integrated Flight Deck System, 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
- 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
- Aileron Lock and Elevator Lock
- Flight Trim Controls
  - Rudder with Indicator
  - Stabilator with Indicator
- Engine Controls:
  - Power
  - Alternate Air
  - Fuel Control Selector with LH/RH/OFF

## Electrical system

- Alternator, 28 Volt, 70 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

## Interior

- 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 Compartments
- Overhead Cockpit Speaker
- Four Position Intercom System
- First Aid Kit

## Powerplant and Propeller

- Continental CD170 Jet-A1
- Tubular Steel Engine Mount
- Engine Driven Vacuum Pump
- Alternate Engine Air
- FADEC Power Lever
- Mixture Control
- MT - Constant speed propeller 3 blades
- Propeller Spinner
- Electric Starter

## 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

## Exterior

- Epoxy Corrosion Protection, 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

## Exteriors lights

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

## Cabin comfort system

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

## 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




“When we design an aircraft, we don’t look at our heritage to check what we have already done, we look to our future to determine what we still need to do.”

Giovanni Pascale Langer, Managing Director



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