

Twin-Engine Aircraft

P2006TNG

Series

Enhancing Excellence



Aerotec
LATINOAMÉRICA

TECNAM
QUALITY AIRCRAFT SINCE 1948





NEXT



P2006TNG

The most efficient MEP complex trainer

“

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

”

Paolo Pascale Langer | CEO



Building upon the unparalleled success of its predecessor, the **TECNAM P2006T NG (Next Generation) Series emerge as the next evolution in flight excellence.** These aircraft embody the spirit of continuous improvement and responsiveness to the needs of both flight schools and private owners.

Following in the footsteps of its predecessor, the P2006T NG series take performance, efficiency, and safety to new heights. **By listening closely to the demands of the aviation community, TECNAM has crafted a solution that exceeds expectations and sets a new standard for excellence in the industry.**

From its twin engine and retractable landing gear to its advanced **Garmin G1000 NXi avionics suite**, every aspect of the P2006T NG Series have been meticulously engineered to deliver an incomparable experience. These aircraft not only meet the demands of modern flight schools but also anticipates the needs of future aviators, ensuring that they remain at the forefront of aviation technology for years to come.

With over 300 improvements, the NG & NG Sport versions represent a significant leap forward in aircraft design and performance. They demonstrate the commitment of TECNAM for innovation, safety, and sustainability, making them the ultimate choice for discerning pilots and flight schools worldwide.

Can perfection be enhanced? Indeed, and the TECNAM P2006T NG Series stands as proof of this advancement.

INTERIOR

The P2006T NG Series feature:

- **Upgraded Luggage Compartment** - The P2006T NG series feature a new wide external luggage compartment door providing a dedicated and easy access to the luggage compartment.
- **Outstanding Accessibility** - The P2006T NG Series have two front doors, making the aircraft safer and perfect fit for both private travellers and training purposes facilitating the seat swapping between pilots and trainee.
- **Superior Visibility** - The P2006T NG series features larger side windows, that will enhance both aesthetics and visibility, with beautiful sightliness, ensuring a safer flying experience.
- **Central Console** - The P2006T NG series central console now incorporates the pitch trim control wheel to the left of the engine control levers, the parking brake control, and a comfortable armrest for both pilot and copilot. The FMS has received an upgrade to enable a seamless connection between the pilot and the Garmin G1000 NXi avionics suite.





EXTERIOR

The exterior of the P2006T NG Series retains its iconic design of the P2006T while incorporating several enhancements.

- Larger windows that improve both aesthetics and visibility;
- Three doors facilitating easier access for pilots, copilots, and passengers, making boarding and disembarking become more convenient;
- Retractable Landing Gear.

The P2006 NG Sport commands attention with its one-of-a-kind livery, transforming the aircraft into a jaw-dropping, irresistibly captivating marvel.

The new wing position / anti-collision lights are integrated into the winglets and now equipped with state-of-the-art LED technology. This not only enhances efficiency, style, and visibility but also offers a more eco-friendly and durable lighting solution.





FOR FLIGHT SCHOOLS

Designed to comply with EASA CS-23 Amendment 4, The P2006 NG aircraft is equipped with modern Garmin G1000NXi avionics, allowing it to operate under IFR rules and comply with the latest EASA regulations.

Safety is provided by the twin-engine configuration, which burns less fuel than comparable twin-engine competitors. The aircraft is fitted with a Garmin GFC700 autopilot, retractable landing gear, and variable pitch MEP, making it versatile for various pilot training missions on a single platform. The cockpit design is optimized to reduce the pilot's workload and ensure safe single pilot operations.



Horsepower

200 hp



Max Range

930 NM - 1.722 km



Max Cruise

148 kts - 274 km/h



Useful Load

904 lb - 410 kg



POWERED BY ROTAX 912iSc3

The Tecnam P2006T NG & NG Sport, are twin-engine, four-seat aircraft equipped with two Rotax 912iSc3 liquid-cooled engines of 1352 cc, featuring electronic injection. These aircraft offer record-breaking fuel efficiency with a 70% reduction in fuel consumption, using just 14 liters per hour, while providing excellent long-range capabilities.

GREEN

With perfect integration of Rotax 912iSc3, the P2006T NG is the twin engine trainer with the lowest fuel consumption and CO₂ emissions currently available, with up to 70% reduction of emissions compared to legacy competitors!



THE BEST TRAINING SOLUTION

Designed for versatility and efficiency, the P2006T NG series features variable pitch, constant speed propellers for maximum performance and retractable landing gear to prepare pilots for advanced flight operations.



BE THE NEXT

AVIONICS

The new P2006T NG Series feature in the standard configuration:

- GFC700 Autopilot that provides advanced flight control capabilities, ensuring smoother and more precise aircraft handling during all phases of flight
- The new central console of the NG version redesigned for improved ergonomics, providing a comfortable and intuitive interface for pilots to access and control the new avionics features

Advanced avionic system:

- P2006 NG avionic system is mainly based on latest generation **Garmin G1000 NXi** avionic system, a flight deck with modular layout allowing VFR/ VFR Night / IFR / MEP/ IR / PBN (LNAV-VNAV, LPV).





P2006T NG SPORT

Every detail in the Sport Configuration is crafted with love and dedication, embodying the finesse of Italian design, offering private owners not just a flight, but a heartwarming sky journey.

The dashboard, with its black **leather covers**, carbon look panels, and soft LED lighting, is designed to kindle a sense of warmth and elegance.

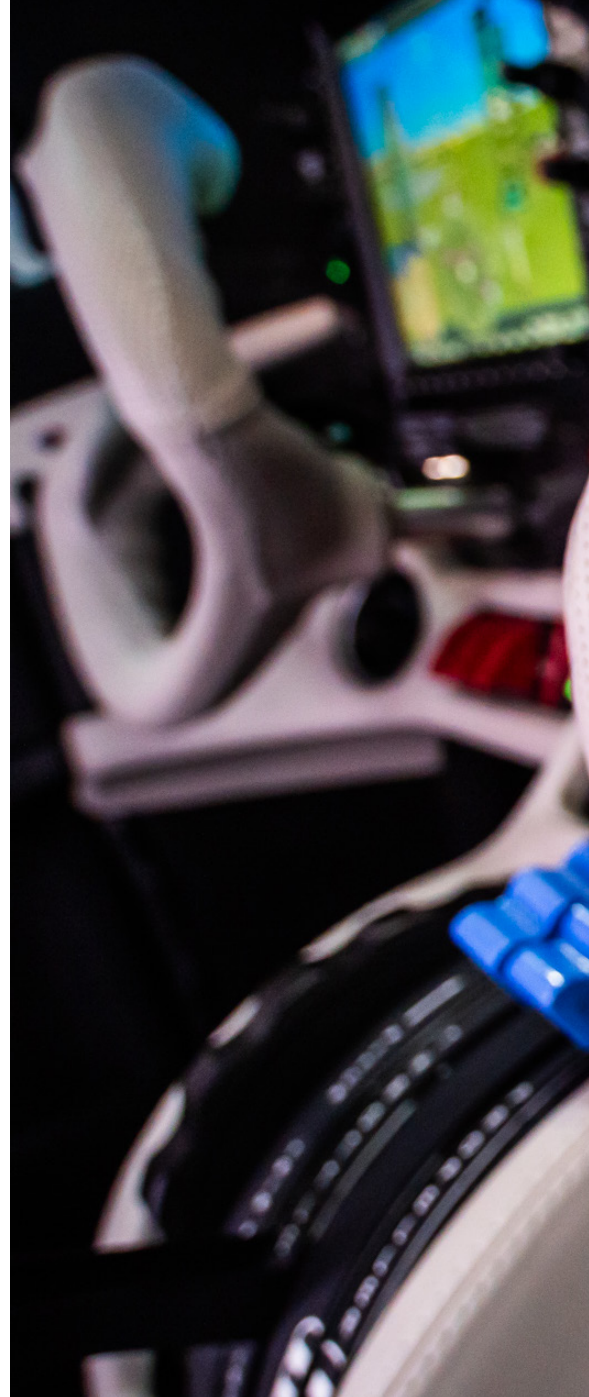
The control wheel, central pedestal, and lower switch panels, all swathed in leather, along with the central compass and jack panel's **carbon finish**, all serve to exude a cozy, home-like feeling.

The doors, graced with Nextel paint and leather covers, featuring carbon lock logos and gentle **LED lighting** on the handles, welcome you into a comforting space.

The cabin, with its **Alcantara ceilings**, plush moquette seats, and leather sidewalls, and side covers adorned with carbon lock logos, is the epitome of a snug and comforting haven. The baggage compartment, tastefully finished with Nextel paint, top-grade moquette, leather pockets, and soothing LED lighting, offers more than mere convenience.

The **Flight Stream 510** will allow pilots to appreciate the seamless integration of tablet or smartphone connectivity. The user-friendly interface of the **GCU477 panel**, will enhance overall usability and enjoyment of the flying experience.

The Sport Configuration features a striking **special paint livery**, blending luxury with sporty aesthetics.

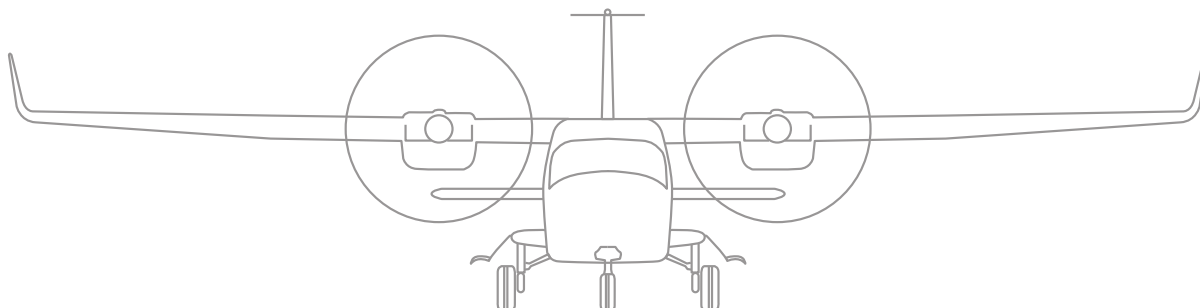




“ **W**hen we design an aircraft, we don't look at our heritage to check what we have already done, we look to our future to determine what we still need to do. ”

Giovanni Pascale Langer | Managing Director





DIMENSIONS

Length	8,7 m (28.5 ft)
Height	2,58 m (8.46 ft)
Wingspan	11,4 m (37.4 ft)
Area	14,8 m ² (159 ft ²)
Main Door Width	634 mm (25 in)
Main Door Height	970 mm (38 in)
Max Seating capacity	4

POWER PLANT

Engine Manufacturer	ROTAX 912 iSc3 Sport
Engine Power	2X 100 HP
Propeller	2 Blades Mt Propeller Variable Pitch
Fuel Consumption	3.7 USG/h (14 lt/h)
Fuel Type	Mogas / Avgas
Fuel Tank Capacity	53 US Gal (200 lt)

PERFORMANCE

Max Cruise Speed TAS	148 kts	274 km/h
Stall Speed (Flaps Down Power Off) CAS	56 kts	104 km/h
Service Ceiling	14.000 ft	4.267 m
Take Off Run	1.040 ft	317 m
Take Off Distance	1.368 ft	417 m
Rate of Climb	920 ft/min	4,7 m/sec
Landing Run	823 ft	251 m
Landing Distance	1.230 ft	375 m
Max Range	930 NM	1.722 km

DESIGN WEIGHT AND LOADING

	P2006T NG		P2006T NG SPORT	
Maximum Take Off Weight	2.844 lb	1.290 kg	2.844 lb	1.290 kg
Empty Weight, Standard	1.940 lb	880 kg	1.962 lb	890 kg
Useful Load	904 lb	410 kg	882 lb	400 kg
Baggage Allowance	176 lb	80 kg	176 lb	80 kg



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
- GMU44 Magnetometer
- GDC72 Air data computer
- GRS79 AHRS
- GTP59 OAT
- GTX345R Mode S Transponder (ADS-B In and OUT)
- GFC 700 Autopilot

Flight instruments and indicators

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

Electrical System

- 12 volt 35 AH GILL
- 12 volt alternator-40 amp, two
- Rocker switches internally lighted
 - Master Switch
 - Landing Light
 - Taxi Light
 - Navigation Lights
 - Strobe Light
 - Pitot Heat
 - Map Light
- External power supply receptacle
- Circuit breaker panel
- Static discharge wicks

Fuel System

- Two Integral Fuel tanks with 200 liters/53 US Gal Total Capacity
- Engine Driven Fuel Pumps, Two
- Auxiliary Fuel Pumps, Electric, Two
- Fuel Tank Quick Drain , Two
- 2 X Shut Off Valves with Cross Feed

Flight Controls

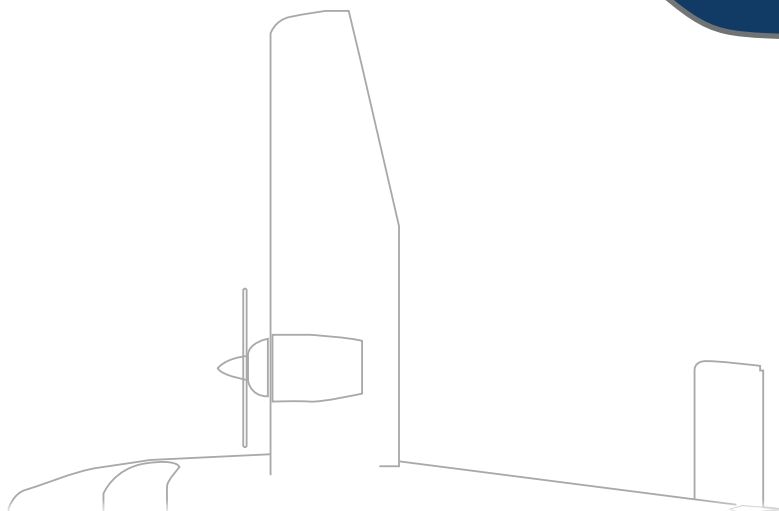
- Hydraulic Toe Brakes
- Parking Brake
- Electric Flaps
- Dual Flight Controls
- Steerable Nose Wheel
- Aileron Lock
- Stabilator Trim (Manual)
- Engine Controls:
 - Throttle, Two
 - Propellers, Two
- Fuel Control Selector With On/Off/Crossfeed
- Overhead Engine Panel Switches:
 - Fuel Pump LH and RH
 - Master/Field
 - Line A & B, guarded
 - Starter Push Button
 - Start Power Switch
 - Momentary Switch\
- Flight Trim Controls
 - Rudder With Indicator
 - Stabilator With Indicator
- Landing Gear, Retractable Electro-Hydraulic
- Landing Gear Selector Switch
- Landing Gear Warning Horn
- Landing Gear Emergency Extension

Interior

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

Interior Lights

- Avionics Instruments Internally Lighted
- Avionics Radios Internally Lighted
- Engine Instruments Internally Lighted
- Flight Instruments Internally Lighted
- Compass Internally Lighted
- Map Light
- Dimmers



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 Windows Tinted
- Retractable Landing Gear
- Tie Down Rings
- Main Wheels, 6.00 X 6 – Nose 5.00 X 5

Exteriors Lights

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

Product Support/Documents

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

Cabin Comfort System

- Windshield Defroster
- Ventilator adjustable, 4 Place
- Heating System

NG SPORT Includes

- Flight Stream 510
- FMS GCU477
- Sport configuration

Powerplant and Propeller

- Engines – 2 Rotax 912ISc3 100 Hp, 4 Cylinders
- Liquid/air cooled, integrated reduction gear
- Redundant Electronic Fuel Injection
- Engine Managment System EMS
- Throttle Control LH/RH
- Tubular Steel Engine Mount
- Propellers – 2 MT, 2 Blades, Constant Speed, Full Feathering
- Propeller Spinner, Two
- Propeller Control LH/RH
- Air & Oil Filter, Two
- Oil and Water Coolers, Two
- Thermostat Valves Oil and Water
- Alternate Air

Standard GARMIN Avionics Package

Also includes:

- Altitude Encoder
- Avionics Master Switch
- Lemo Jacks 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

Aerotec

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P2006TG

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