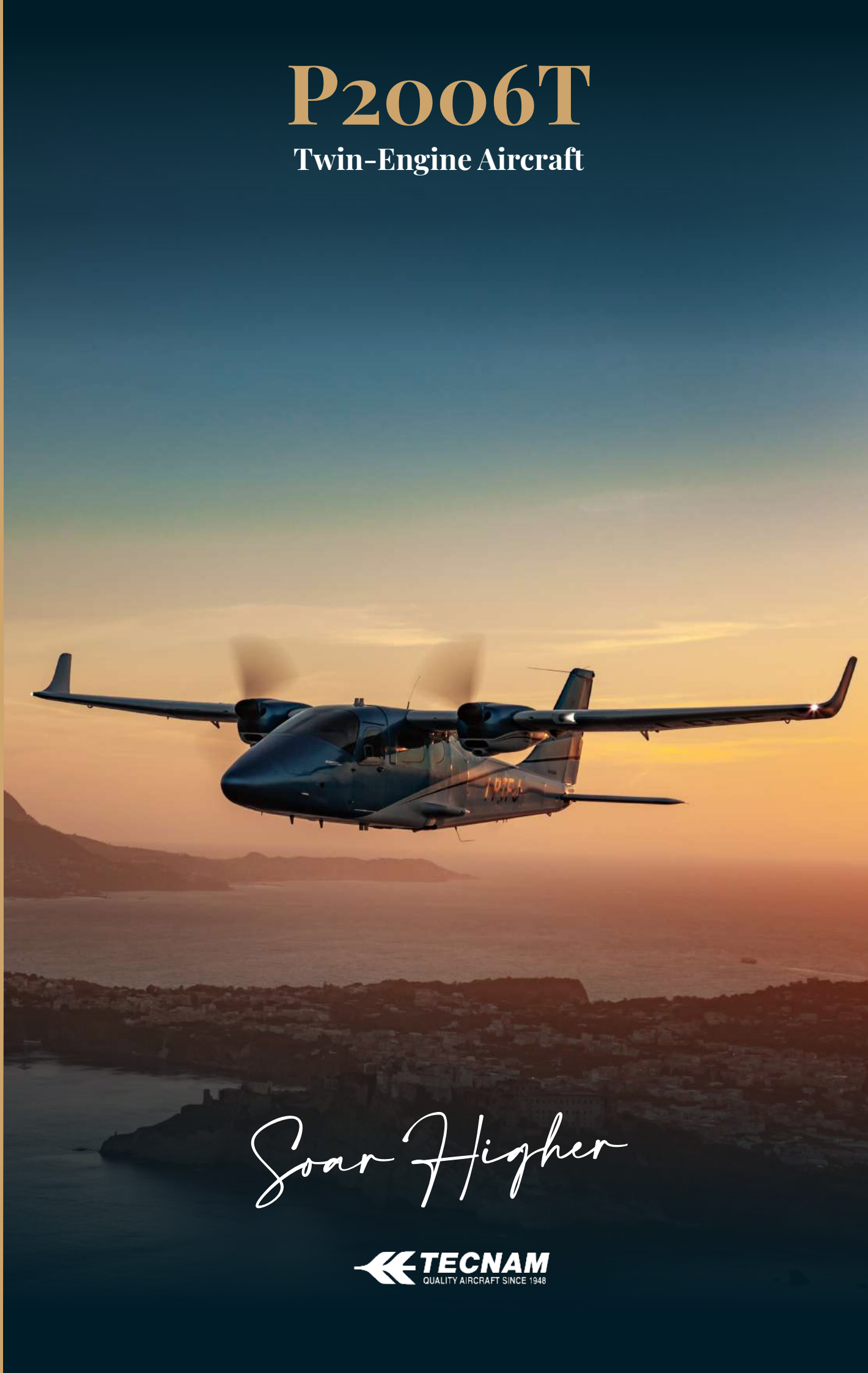
BROCHURE

P2006T

Twin-Engine Aircraft



Soar Higher

TECNAM
QUALITY AIRCRAFT SINCE 1948

The smartest twin solution

Flexible and economical, the Tecnam P2006T is recognized worldwide as the most efficient twin-engine four-seat aircraft with the fully retractable landing gear in a class of its own.

The superior high-wing configuration offers stability, superior cabin visibility and easy access for passengers and luggage. Tecnam has used its extensive experience with aluminum airframes to create in the Tecnam P2006T a robust yet very light airframe, resulting in a remarkable payload-to-total weight ratio.

Thanks to its features the P2006T has established itself as the aircraft of choice for not only the world's most reputable flight training organizations but private owners alike. Furthermore, it has been selected by NASA as the baseline platform for X-57 Maxwell development.

In addition, it is the favorite aircraft with leading General Aviation flight-test journalists who praise its styling, handling and very low operating cost. This aircraft with twin engines, constant-speed propellers and retractable gear offers a "complex" training environment at a fraction of the cost of its competitors.

The P2006T has a unique Made in Italy design which is impossible not to fall in love with. The first choice for Flight Training and private owners.

"I still vividly remember the first time I saw a picture of the P2006T on the cover of an aviation magazine. I said to myself, this is exactly what we need to take the Bartolini Air training offering into the 21st Century."

Bartłomiej Walas, Managing Director Bartolini Air

Choosing P2006T

The advantages of choosing this Tecnam model are summarized below:

- Twin safety is provided by the twin-engine configuration, both together burning less fuel than comparable single-engine on the market;
- Aluminum airframes that create a robust yet light airframe resulting in a leading payload-to-total-weight ratio;
- The wide cabin allows for a large instrument panel avionics options: twin-screen G1000 NXi IFR;
- Multi-Engine, Constant Speed Propeller and Retractable Gear make the P2006T the ideal solution for training and cross country, including long overseas flights;
- Two four-cylinder four-stroke Rotax 912S3 liquid-cooled engines of 100hp to guarantee exceptional performance and consumption;
- A piston twin that can save up to 60% of CO_2 emissions against any competitor is in a class of its own.

The P2006T was chosen by NASA as the platform for the X-57 Maxwell, an all-electric technology that will make flying cleaner, quieter, and more sustainable.

Discover our commitment to sustainable flight

Design Weight and Loading

Maximum Take Off Weight	1.230 kg	2.712 lb
Empty Weight, Standard	860 kg	1.896 lb
Useful Load	370 kg	816 lb
Baggage allowance	80 kg	176 lb

Performance

Max Cruise Speed KTAS	269 km/h	145 kts
Stall Speed (Flaps Down Power Off) KCAS	102 km/h	55 kts
Max Operating Altitude	4.267 m	14.000 ft
Take off run	301 m	988 ft
Take off distance	394 m	1.293 ft
Rate of climb	5,3 m/sec	1.036 ft/min
Landing Run	231 m	758 ft
Landing Distance	349 m	1.145 ft
Range	1.204 km	650 nm

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
- GMU44 Magnetometer
- GDC72 Air data computer
- GRS79 AHRS
- GTP59 OAT
- GTX345R Mode S Transponder (ADS-B In and OUT)
- S-TEC 55 dual Axis Autopilot with Electric Trim

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
- Electric Flaps
- Dual Flight Controls
- Steerable Nose Wheel
- Aileron Lock
- Stabilator Trim (Manual)
- Engine Controls
  - Throttle, Two
  - Propellers, Two
  - Carburettor Heat, Two
  - Choke, Two
- 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
- Fuel Control Selector With On/Off/ Crossfeed
- Overhead Panel Switches:
  - Starter LH and RH
  - Fuel Pump LH and RH
  - Left Engine LH and RH Ignition Switches
  - Right Engine LH and RH Ignition Switches

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 receptical
- 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

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 Front Door Pilot/Co-Pilot, Lock and Key
- RH Rear Door Passenger
- 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

Powerplant and Propeller

- Engines – 2 Rotax 912S3 100 Hp, 4 Cylinders
- Liquid/Air Cooled, Integrated Reduction Gear
- Dual Ignition System
- 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 Filter, Two
- Oil Filter, Two
- Oil and Water Coolers, Two
- Carburettor Heat with Manual Control

Standard GARMIN 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
- DME KING KN63 – Displayed on PFD
  (Not Included for USA and Australia)
  - 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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