

QUALITY AIRCRAFT SINCE 1948

TECNAM

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P2006T



The TECNAM P2006T project is based on the revolutionary, new aircraft engine the Rotax 912S, specifically designed to incorporate the latest technologies developed by the automotive industry. The Rotax 912S is FAR 33 certified and is currently the only aircraft engine approved to utilize automotive fuel, giving it a significant edge over standard GA engines. Some of the benefits include: Reduced frontal area and Better power-to-weight ratio, lower fuel consumption, lower propeller rpm; resulting in higher efficiency and lower acoustic profile, stable cylinder head temperatures due to liquid cooling. To date, this modern aircraft power plant has been used successfully in two-seat aircraft, its relatively low power capacity (rated at 73 kW/100 hp) making it a popular choice in the aviation industry. It has become increasingly evident, therefore, that a potential market exists for a four-seat aircraft powered by two of these Rotax engines, with very little weight disadvantage. The result is the P2006T. This twin-engine formula offers higher safety and lower operating costs than its single engine counterparts. Extensive research for this project has proven that the light twin-engine aircraft will have a lower standard empty weight than comparable single engine four-seat aircraft in the 180 hp or 200 hp class. **The P2006T** also offers better performance, greater cabin comfort and, due to its unique ability to use automotive fuel, much lower operating costs.

For the sake of comparison, the Lycoming O-360-A1A 180 hp weighs 146kg and has a frontal area of 0.4 m², while the Rotax 912S (with the same accessories) weighs only 64 kg and has a reduced frontal area of just 0.15 m². The Lycoming generates its maximum power of 2700 rpm at the propeller and the Rotax at 2400 rpm. For the first time ever it is possible to compare twin-engine four-seat aircraft to single-engine four-seat aircraft due to their similar weight and power specifications. **The P2006T** empty weight is the lowest among its direct competitors, while the payload is higher. This can be attributed to the high structural and systems efficiency and because of the excellent weight-to-power ratio of the Rotax engine.

The wing-mounted engines relieve the aerodynamic load on the wing with a consequently lighter structure. The remarkable propulsive efficiency of the **The P2006T** is attributable to the low propeller rotating speed and the low engine drag. These, together with a streamlined fuselage, result in uncommonly efficient aerodynamics.

The TECNAM P2006T clearly boasts the highest ceiling and climb speed among its competitors. From an operating point of view, the following points are worth considering: The option to use automotive fuel as well as AVGAS allows Tecnam P2006T operators to dramatically reduce direct costs, making it possible to fly in regional or remote areas where AVGAS is difficult to find or prohibitively expensive. The dependable twin-engine configuration of the Tecnam P2006T allows it to be flown over long distances and in areas where ground facilities are poor.

2011 PRICE LIST

Model	Package	Price
P2006T	Standard Analog IFR Version */**	\$ 443,900
	Garmin Glass Cockpit IFR Version ** Non-Addictive. Replaces all Standard Avionics. Includes the following; Analog Airspeed Indicator, Analog Altitude Horizon electric, Analog Altimeter	\$ 504,900

OPTIONS and UPGRADES - STANDARD VERSION ONLY

2nd GNS 430 with GI 106A	\$14,100
GNS 530W COMM/NAV/GPS (exchange for GNS 430)	\$ 5,600
2nd Airspeed Indicator	\$ 1,200
2nd Attitude Horizon electric	\$ 2,700
2nd Altimeter	\$ 1,200
RST-361 Flight Director (Requires option 110, exchange with Std Horizon)	\$11,600
KCS55A HSI Slaved Compass System (requires option 110 exchange for DG with Heading Bug)	\$15,900
ST-360 Altitude Selector Alerter (only available with option 110)	\$ 6,100

OPTIONS and UPGRADES - STANDARD and GLASS VERSIONS

S-TEC AUTOPILOT SYSTEM 55X DUAL AXIS with Automatic Electric Trim, Turn Coordinator (exchange for Std TC) and DG with Heading Bug (exchange Std DG)	\$31,800
Electric Trim(S-TEC) – Already included if option 110 selected	\$6,100
GDL69A System Data Link w/Audio Infotainment	\$9,100
Power Supply from both built-in Rotax Generators (Max 20 Amps each@ 5800rpm). Provides additional accessory options.	\$3,800
Removable air conditioning (Electric compressor) – includes option 113 and all fittings needed	\$10,800
MT Propeller Spinner Polished Aluminum Look (Exch. from std.)	\$1,600
Disassembling and packing in two 40 ft. containers (arrange own transport)	\$4,500
Delivery to anywhere in Lower 48 States inclusive of all shipping, insurance, customs fees, re-assembly, testing etc.	\$25,000

*All prices are inclusive of installation, required antennas and integration with other installed equipment.

**Prices subject to change without notice - FOB Richmond, Virginia

*Please contact your local dealer for pricing of aircraft delivered to your specific area of the country.

PAYMENT TERMS:

DEPOSIT	PROGRESS PAYMENT	FINAL PAYMENT
30% WITH ORDER	30% THREE MONTHS PRIOR TO COMPLETION	40% PRIOR TO DELIVERY
*/** Availability, prices and specifications are subject to change at any time without notice.		
*/** All prices are F.A.F. (fly away factory) Capua, Italy */** Applicable taxes, delivery, and destination charges are extra.		

SPECIFICATIONS

ENGINE

Manufacturer	Rotax
Model	912S3
Number of Cylinders	4
Take off Power	98 hp
Max. Cont. Performance	92 hp
Gearbox Reduction Ratio	2.43:1

PROPELLERS

Manufacturer	MT Propelerl
Model	MTV-21-A-C-F/CF178-05
Number of Blades	2
Type	Constant Speed, Full Feathering

TANKS

Standard Useable	2 x 25.6 US gal.
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WEIGHT

Standard Equipped weight	1,723 lbs.
Maximum Take-off weight	2,599 lbs.
Standard Useful Load	880 lbs.
Limit Loads	+3.8/-1.78g

DIMENSION

Wing Span	37.4 ft.
Wing Area	159.1 sq. ft.
Wing Dihedral	1°
Cabin Width	49.2 in.
Fuselage Length	28.5 ft.
Fuselage Height	9.3 ft.
Stabilitor Span	11 ft.

PERFORMANCE

Max. Level Speed (IAS-IJT)	148 kts
Cruise Speed, 75% Power	140 kts
Cruise Speed, 65% Power	135 kts
Rate of Climb	1,140 ft./m
Rate of Climb - Single Engine	230 ft./m
Stalling Speed with Flaps	49 kts
Service Ceiling	15,000 ft.
Service Ceiling - Single Engine	7,500 ft.
Max. Range (65%) (30' reserve)	620 N.M.
Take Off Distance	1,213 ft.
Take Off Run	898 ft.
Landing Distance	1,279 ft.
Landing Run	656 ft.
VLO (Landing Gear Extension)	91 kts
VA (Maneuvering Speed)	116 kts
VNE (Never Exceed Speed)	168 kts

P2006TWIN

FLIGHT INSTRUMENTS AND INDICATORS

- 1 MAGNETIC COMPASS
- 2 AIRSPEED IND., Kts
- 3 ALTIMETER DUAL MODE (IN/Mb)
- 4 VERTICAL SPEED
- 5 DIRECTIONAL ELECTRIC
- 6 ATTITUDE HORIZON ELECTRIC
- 7 TURN AND BANK INDICATOR
- 8 O.A.T.
- 9 PITOT SYSTEM HEATED
- 10 STATIC SYSTEM
- 11 ALTERNATE STATIC SOURCE
- 12 STALL WARNING AUDIBLE
- 13 LANDING GEAR POSITION LIGHT, THREE
- 14 LANDING GEAR-in-TRANSIT/NOT LOCKED LIGHT
- 15 STABILATOR TRIM POSITION INDICATOR
- 16 RUDDER TRIM POSITION INDICATOR

ENGINE INSTRUMENTS

- 1 TACHOMETER + HOUR RECORDER, two
- 2 MANIFOLD, DUAL
- 3 FUEL FLOW, two
- 4 OIL PRESS, two
- 5 OIL TEMP., two
- 6 HEAD TEMP., two
- 7 FUEL PRESS., two
- 8 AMMETER
- 9 VOLTMETER
- 10 LH + RH FUEL QTY
- 11 ANNUNCIATOR PANEL LIGHTED
PUSH TO TEST:
• Lh Low Fuel • Rh Low Fuel • Lh Low Oil Press
Rh Low Oil Press • Lh Low Voltage • Rh Low Voltage • Pilot Door Open

FLIGHT CONTROLS

- 1 HYDRAULIC BRAKES
- 2 PARKING BRAKE
- 3 ELECTRICAL FLAPS
- 4 DUAL FLIGHT CONTROLS
- 5 STEERABLE NOSE WHEEL
- 6 AILERON AND ELEVATOR LOCK
- 7 STABILATOR TRIM (MANUAL)
- 8 ENGINE CONTROLS
• THROTTLE, two • PROPELLERS, two
• CARBURETTOR HEAT, two
• CHOKE, two
- 9 FLIGHT TRIM CONTROLS
• RUDDER with INDICATOR
• STABILATOR with INDICATOR
- 10 LANDING GEAR
RETRACTABLE ELECTRO-HYDRAULIC
- 11 LANDING GEAR SELECTOR SWITCH
- 12 LANDING GEAR WARNING HORN
- 13 LANDING GEAR EMERGENCY EXTEN.
- 14 FUEL CONTROL SELECTOR
WITH ON/OFF CROSSFEED
- 15 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

- 1 12 VOLT 35 Ah GILL 35A BATTERY
- 2 12 VOLT ALTERNATORS-40 AMP, two
- 3 ROCKER SWITCHES intern. lighted
• Master Switch • Landing Light
• Taxi Light • Navigation Lights • Strobe Light
• Pitot Heat • Map Light
- 4 EXT. POWER SUPPLY RECEPTACLE
- 5 CIRCUIT BREAKER PANEL
- 6 STATIC DISCHARGE WICKS
- 7 LANDING/TAXI LIGHT

FUEL SYSTEM

- 1 TWO INTEGRAL FUEL TANKS with 200 LITRES TOTAL CAPACITY
- 2 ENGINE DRIVEN FUEL PUMPS, two
- 3 AUXILIARY FUEL PUMPS, ELECTRIC, two
- 4 FUEL TANK QUICK DRAIN, two
- 5 2 X SHUT OFF VALVES W/ CROSS FEED

INTERIOR

- 1 PILOT and CO-PILOT SEATS
• Simulated leather • Adjustable Fore and Aft • Vertical Adjustment
- 2 TWO REAR PASSENGER SEATS
- 3 SEAT BELTS & Shoulder Harness, All Seats
- 4 WALL TO WALL CARPETING
- 5 FIRE EXTINGUISHER
- 6 MAP & STORAGE POCKETS
- 7 RADIO CALL PLATE
- 8 TOW BAR
- 9 SOUNDPROOFING
- 10 LUGGAGE COMPARTMENTS
- 11 OVERHEAD COCKPIT SPEAKER
- 12 FOUR POSITION INTERCOM SYSTEM
- 13 FIRST AID KIT

INTERIOR LIGHTING

- 1 AVIONICS INSTRUMENTS intern. lighted
- 2 AVIONICS RADIOS intern. lighted
- 3 ENGINE INSTRUMENTS intern. lighted
- 4 FLIGHT INSTRUMENTS intern. lighted
- 5 COMPASS intern. lighted
- 6 MAP LIGHT

EXTERIOR

- 1 EPOXY CORROSION PROOFING, All structure
- 2 LH FRONT DOOR Pilot/Co-pilot, Lock and Key
- 3 RH REAR DOOR Passenger
- 4 REAR WINDOW
- 5 ALL WINDOWS TINTED
- 6 RETRACTABLE LANDING GEAR
- 7 TIE DOWN RINGS
- 8 MAIN WHEELS, 6.00 X 6
- 9 NOSE WHEEL, 5.00 X 5

EXTERIOR LIGHTS

- 1 NAVIGATION LH/RH wing tip and vertical tail
- 2 VERTICAL TAIL STROBE
- 3 LANDING/TAXI LIGHT

CABIN COMFORT SYSTEM

- 1 WINDSHIELD DEFROSTER
- 2 VENTILATOR ADJUSTABLE, 4 place
- 3 HEATING SYSTEM

POWERPLANT AND PROPELLER

- 1 ENGINES
2 ROTAX 912S3 100 HP
4 Cylinders liquid/air cooled, integrated reduction gear
- 2 DUAL IGNITION SYSTEM
- 3 THROTTLE CONTROL LH/RH
- 4 TUBULAR STEEL ENGINE MOUNT
- 5 PROPELLERS
2 MT, 2 Blade, Constant Speed
- 6 PROPELLER SPINNER, two
- 7 PROPELLER CONTROL LH/RH
- 8 AIR FILTER, two
- 9 OIL FILTER, two
- 10 OIL AND WATER COOLERS, two
- 11 CARBURETTOR HEAT with Manual Control

PRODUCT SUPPORT/DOCUMENTS

- 1 MANUFACTURER'S FULL TWO YEAR LIMITED WARRANTY
- 2 PILOT'S OPERATION HANDBOOK
- 3 MAINTENANCE MANUAL
- 4 PARTS CATALOG
- 5 AIRCRAFT LOG BOOK
- 6 ENGINE LOG BOOK

STANDARD GARMIN AVIONICS PACKAGE

- 1 GNS430W COM/NAV/GPS Multifunction Display
- 2 GI-106A CVOR/LOC/GS/GPS Indicator
- 3 SL30 COM/NAV
- 4 GTX 328 TRANSPONDER
- 5 ALTITUDE ENCODER
- 6 GMA 340 AUDIO PANEL
- 7 AVIONICS MASTER SWITCH
- 8 MICROPHONE TELEX 100T
- 9 AVIONICS CIRCUIT BREAKER PANEL
- 10 PILOT and CO-PILOT PTT
- 11 ELT 406 ARTEX

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