



P2012

TRAVELLER SERIES

Twin Engine Aircraft

The world's most advanced twin turbo-charged piston aircraft

The world is changing fast. Daily challenges, variable business scenarios, extreme operating environments. Today more than ever end-users expect values like safety, reliability, durability and flexibility.

In response to these requirements, TECNAM has designed the P2012 Traveller aircraft series.

Developed by the Tecnam Research & Development team led by renowned and award-winning expert Professor Luigi Pascale, the P2012 Traveller is innovating the market of 9-11 seats piston aircrafts.

Generous allowance for luggage is provided both in a spacious fuselage cargo hold and nose compartment with external access.

An easy and fast seat removal, along with a wide rear door allow for a quick re-configuration.

In business for more than 70 years, Tecnam is ranked among the top General Aviation manufacturers, partnering with major industry players, firmly established as the airplanes of choice for commercial operators willing to have a solid and wide business plan.



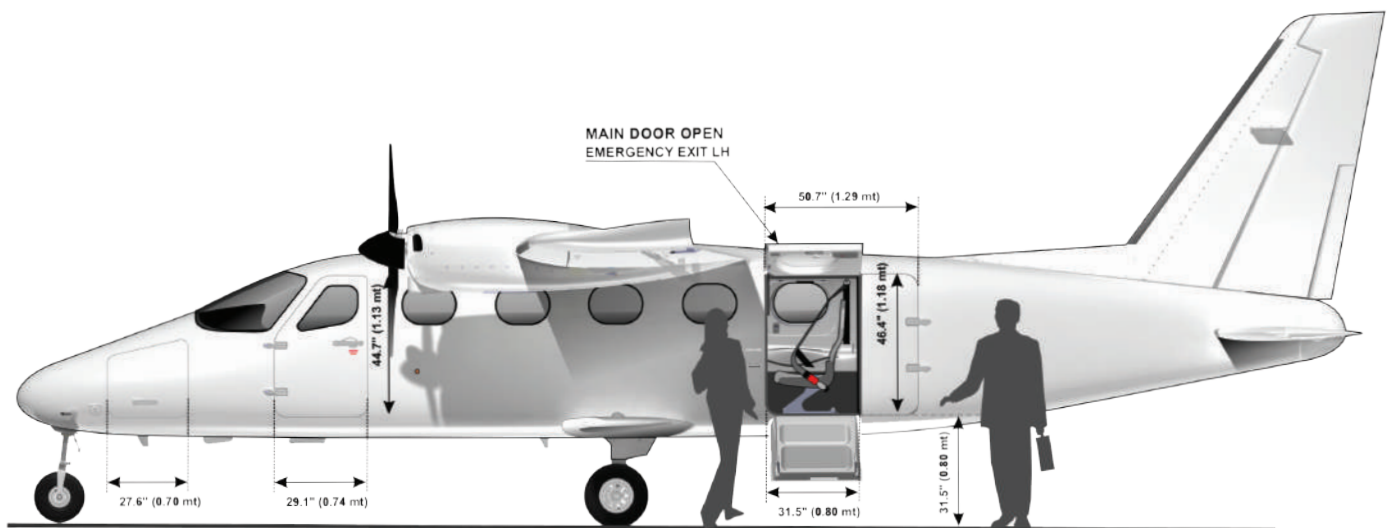
“Manufacturing an aircraft is not just a job, it is a challenge for perfection, driven by infinite passion and dedication.”

Paolo Pascale Langer, CEO

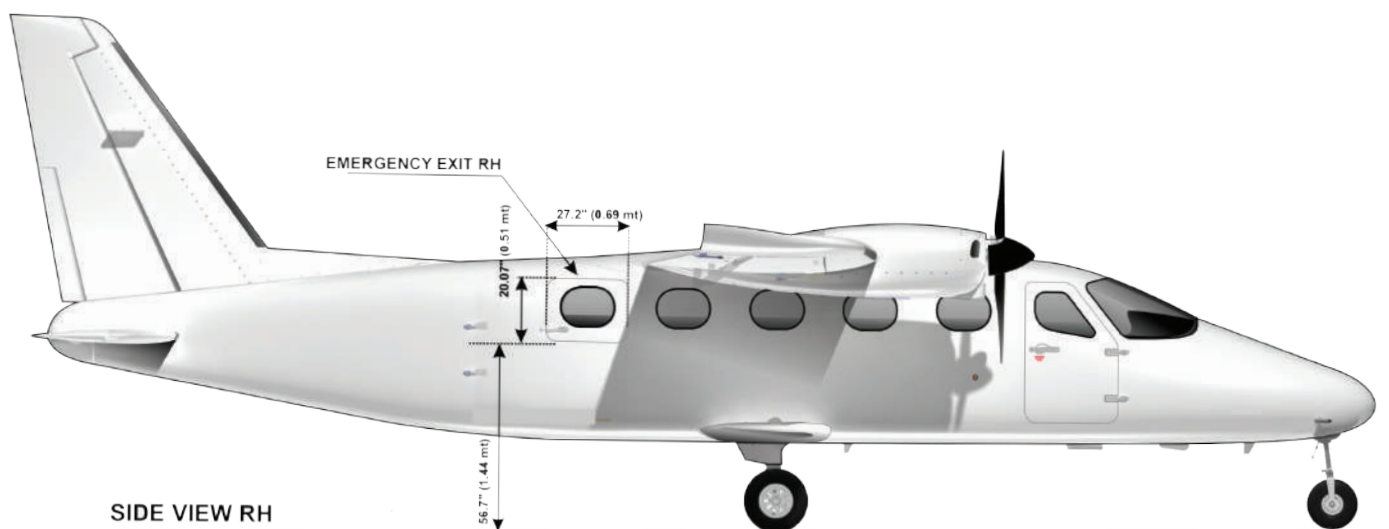


Made Smart

With its unique *Italian Style*, the design key is to keep everything smart: metal structures and turbo-charged piston engines that can be easily maintained and serviced worldwide; generously sized passenger/cargo dual door on port fuselage side; additional front cargo hold and two front crew doors for separate flight deck access.



The P2012 Traveller is an all-metal structure, high wing, twin-engine, unpressurised, piston aircraft with fixed tricycle landing gear. The fuselage is equipped with two doors for flight deck access and a wide cabin door that allows comfortable passenger boarding, fast cargo loading, safe medical operations and easy parajumping. No other aircraft has these exclusive features.



The 11 seats P2012 aircraft series has provided Airlines, Charter, Air Taxi, Fractional and Private-Owned Companies the perfect solution to support a varied yet affordable and complete business plan. The Traveller is feeding the market and replacing hundreds of vintage CS23/FAR23 twin piston engine aircrafts and single/twin turboprop engine aircrafts.

“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.”

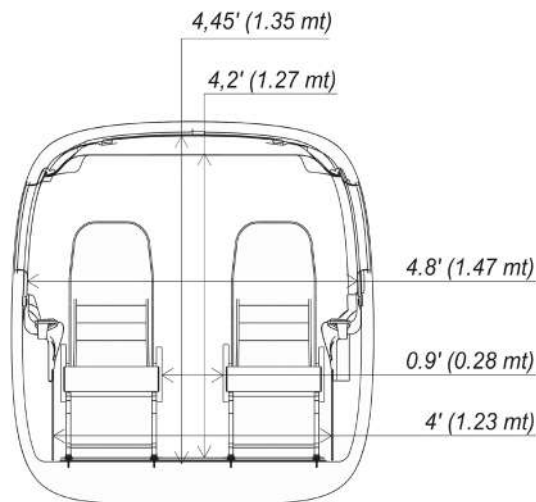
Giovanni Pascale Langer, Managing Director



Inside comfort

Traveller aircraft series has an executive cabin size with continuous flat floor and constant cabin section for the full length of the fuselage, exceeding higher class standards allowing plenty of headroom for all passengers and crew.

Standard seats with same ergonomics for all passengers, no side-by-side sitting, providing best in class comfort and premium real leather on request



The P2012 cabin has 9 single seats, all with the same amenities (dedicated window and reading light, USB port, armrest, cup holder, fresh air / hot air outlets) and the same generous pitch of a liner's business cabin.

Air conditioning, venting, heating for all climate capabilities.

1.7 m³ (60 ft³) luggage compartment + 0.4 m³ (14,13 ft³) front cargo hold for a passenger's luggage allowance.





Versatile & Safe

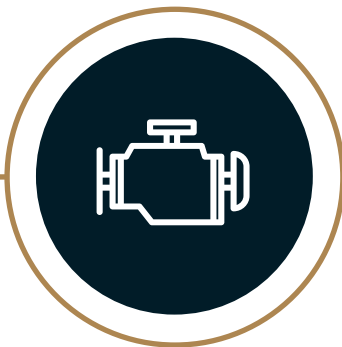
Its flexibility fits Regional Operators, Corporate, Charter and Fractional Companies, Air Ambulances, Freight, Special Mission and Law Enforcement Agencies.

An aircraft that meets multiple needs, delivering extreme versatility with maximum comfort.

Twin engine configuration, single engine positive climb gradient up to 10,000ft at maximum takeoff weight and state-of-the-art avionics guarantee an unmatched safety.

The Tecnam P2012 can be equipped with TKS Ice Protection, certified for FIKI (Flights Into Known Icing Conditions), Weather Radar, Storm Scope and NEXRAD allowing a safe flight mission that will always be on schedule.

Your P2012 investment represents more than what you can imagine.



2X Lycoming
TEO-540 engine and
MT Propeller



Continuous Power
2X 375 Hp - 280 Kw

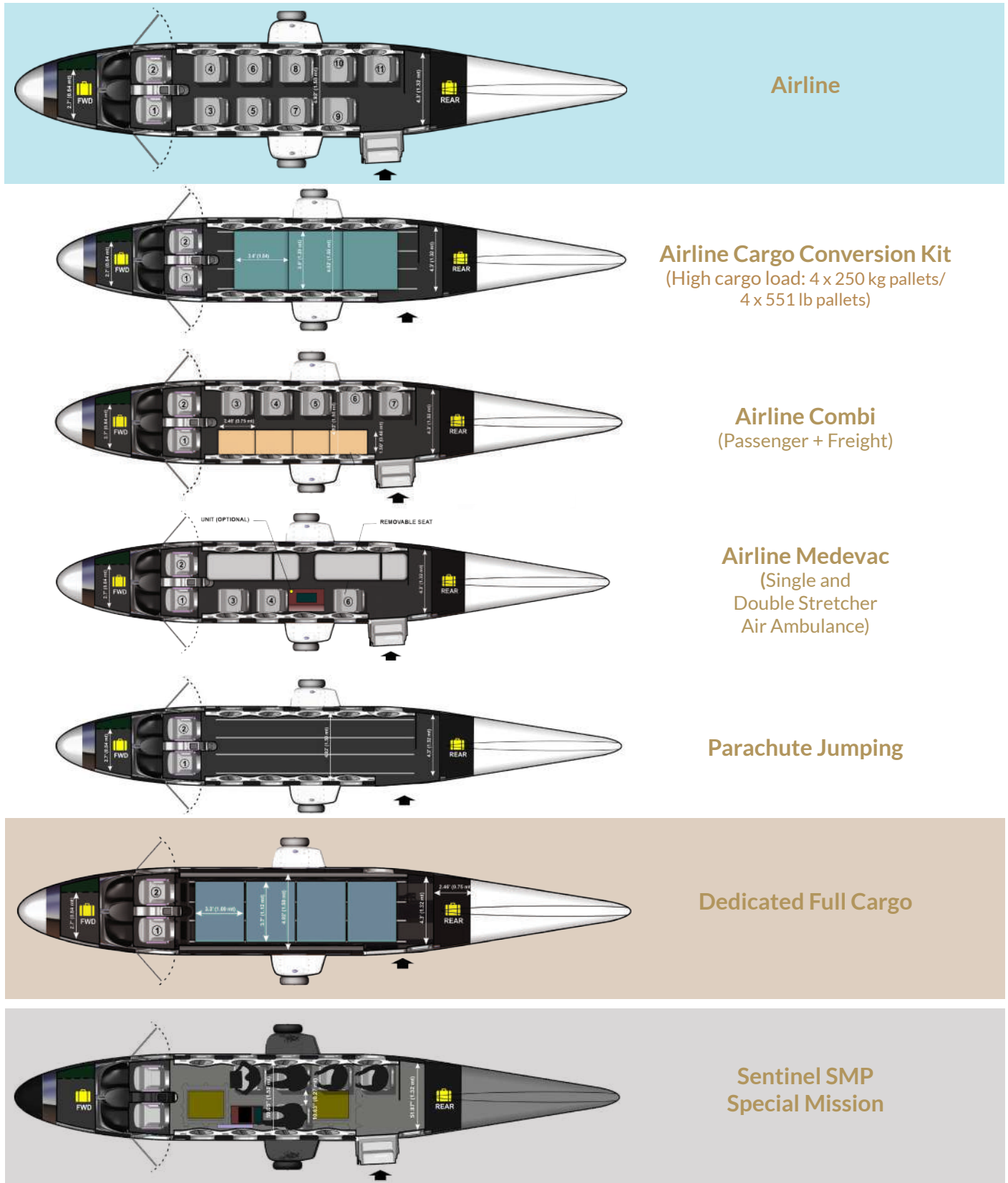


Time Between
Overhaul 2.200 hours



Multimission

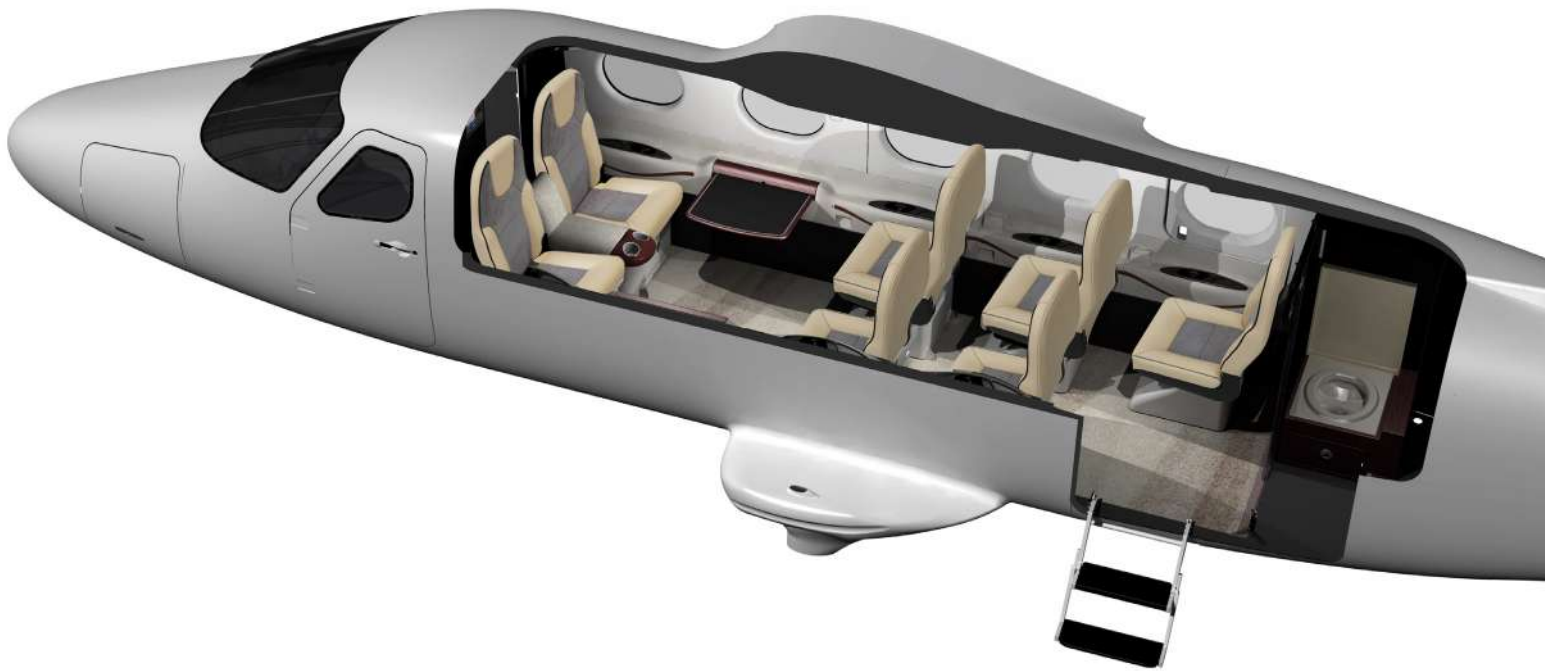
The P2012 is offered in three versions (Airline, Full Cargo, SMP) and four variants (Combi, Cargo, Medevac Single and Double Stretcher Air Ambulance) and Parachute Jumping.



P2012 Club - Class of its own

The large, comfortable cabin with sleek interior finishes, seven extra-wide leather seats and spacious lavatory, blur the line between business and pleasure.

With stowaway worktables and the Waves IN-Flight Entertainment System, the passengers can stay productive or choose to relax.



Waves IN-Flight Entertainment Sy-



All WAvES displays are ultra-thin and ultra-light smart touch screen UHD (4K) monitors with remote control and PSS on-screen support.

Similarly to the CELLS, the WAvES monitors support both wired (Ethernet) or wireless (WiFi) operations.

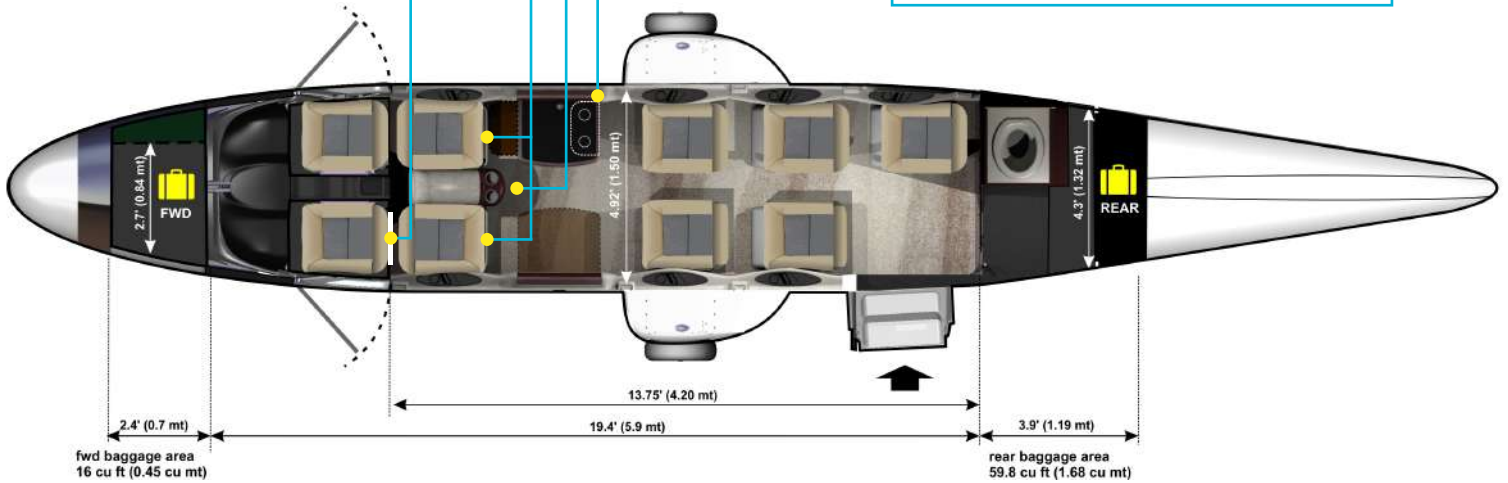


Business Class remote control with integrated PCU



Use your own device

- Deluxe refreshment
- Stowaway worktables
- Useful and expansive storage area
- Waves IN-Flight Entertainment System







TECNAM

I-PDVD

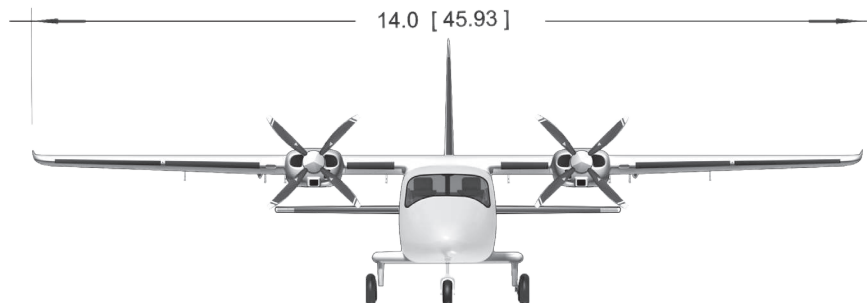
TRAVELLER

Exterior Dimensions

Wing Span	14 m	46 ft
Length	11.8 m	38.6 ft
Height	4.4 m	14.4 ft

Specifications*

Cabin Volume	8,9 m ³	314,3 cu/ft
Cargo Volume (Front + Rear Bay)	0,45+1,7 m ³	16+59,8 cu/ft
Engine manufacturer	Lycoming	
Engine Model	TEO540C1A	
Engine Power	2x375 hp	2x280 kw
Propeller	4 blades MT-Propeller	
Prop. Diameter	1.95 m	6.4 ft



Ramp Weight	3700 kg	8157 lb
Max Gross Weight	3680 kg	8113 lb
Operational Weight (1 Pilot + Equipment)	2386 kg	5260 lb
Std. Empty Weight**	2286 kg	5040 lb
Max Landing Weight	3630 kg	8003 lb
Useful Load***	1414 kg	3117 lb
Fuel Capacity	750 lt	198 US Gal
Wing Loading	145 kg/m ²	29.6 lb/sqft
Power Loading	4.9 kg/hp	10.8 lb/hp

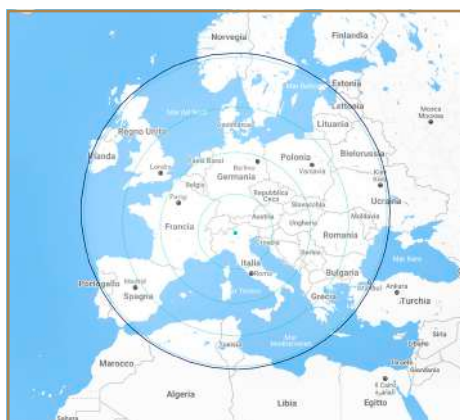
*Standard Airlines

**Weights are comprehensive of autopilot system. Empty weight could change of $\pm 2\%$.

***Without unusable fuel.

Performance

The P2012 aircraft series performances allow to operate from big hubs as well as small and remote unprepared airstrips. The maximum takeoff weight short field performance provides takeoff and landing run as low as 564 m (1849 ft) and 365 m (1198 ft) respectively. Cruise speed up to 194 kts and range up to 1760 Km (950 NM) are accompanied by excellent fuel economy at any altitude thanks to the turbocharged piston engines which don't suffer the low level high fuel consumption of turboprops.



EUROPE



USA



CHINA

Speed, VNE	411 km/h	222 kts
Stall speed - Take OFF	126 km/h	68 kts
Stall speed - Landing (Full Flaps)	120 km/h	65 kts
VMC	131 km/h	71 kts
Max cruise speed (10,000 ft)	359 km/h	194 kts
Cruise speed (@75%, 10,000 ft)	320 km/h	173 kts
Best RoC	6,1 m/sec	1200 ft/min
Best RoC SE (@5,000 ft)	0.5 m/sec	107 ft/min
Max Operating Altitude	5944 m	19500 ft
Takeoff run	564 m	1849 ft
Takeoff distance	791 m	2596 ft
Landing run	365 m	1198 ft
Landing distance	743 m	2438 ft
Max Range	1760 km	950 NM
Operative Range Standard configuration (1 Pilot + 9 Pax + 82kg/180lb total luggage)	1111 km	600 NM

SPACE Flight Deck

The P2012 aircraft series flight deck is designed around the **SPACE** concept, a Single Pilot Advanced Cockpit Environment. The **SPACE** cockpit, based on GARMIN G 1000 NXi Avionics suite and GARMIN GFC-700 autopilot, has been tailored to allow a reduced workload while enhancing single pilot operations. On the other hand, the fully electronically controlled and fuel injected engines guarantee a better lifetime of the engines.



Operating Costs

The P2012 design has been specifically tailored to achieve a 360° mission efficiency. The P2012 layout balances aircraft performances, operating costs, and maintenance down time required, resulting in a mix that enhances Companies business plans.

Cost Element	EUROPE	USA	
Fuel and oil consumption	€260,73	\$176.58	/flt hr
Labor average	€ 69,70 to 73,80	\$77,90 to 90.20	/flt hr
LYCOMING consumables for maintenance	€6,17	\$7.09	/flt hr
Engine overhaul	€ 83,30	\$95.91	/flt hr
Propeller/Governor overhaul	€5,91	\$6.78	/flt hr
Brakes/Tyres overhaul	€14,00	\$16.10	/flt hr
Time Limited Parts	€9,75 to 9,87	\$11.46 to 11.92	/flt hr
	TOTAL	\$ 391.82 to \$ 404.58	/flt hr
		€449,55 to €453,77	

The total shown is the nominal, estimated hourly variable operating cost (2019) without the impact of warranty, ageing and inflation.

Experience:

- The “cycle free” piston engines
- Single Pilot no type rating





TECNAM

TECNAM

Five reason to own a P2012

DDURABLE

The industry's most advanced twin turbo-charged piston engine aircraft.

RELIABLE

Meets every need, delivering extreme versatility with maximum safety.

EMPLOYABLE

Multimission capability granted by three versions and four interchangeable variants.

AFFORDABLE

Cost-efficient design for long lifetime at high cycles of operation.

MANAGEABLE

Easily maintained and serviced worldwide; Single Pilot, Multi Engine Piston (MEP) rating, no type rating issue/renewal required; EASA/FAA Certified, certification available in all CAAs.



Optional equipment list

The following table shows the list of optional equipment available to extend, improve or amplify flight operations and the P2012's capabilities to perform different missions.

Aircraft Equipment

012-01	47 kg 104 lb	All Versions	Air conditioning system	Dual DC powered pallet mounted independent systems, installed in the tail-cone behind the rear cargo vane.
012-02	3kg 6.6 lb	All Versions	Iridium GSR56	This equipment allows the pilot to receive weather data, make phone calls and send SMS when in flight, worldwide. Third parties subscription may need additional costs.
012-03	3,5kg 7.7 lb	All Versions, Except FULL CARGO	Passenger interphone system	With a headset socket for every seat, provides direct connection between crew and passengers, for operational messages or as example, entertaining during aerial sightseeing or music broadcast.
012-04	50 kg 110 lb With no fluid	All Versions	TKS Ice protection	The Flight Into Known Icing Conditions (FIKI) certified TKS equipment is installed in the tail-cone behind the rear cargo vane. Includes titanium porous panels mounted on wing, horizontal and vertical tail leading edges, and sprayers for propellers and windshield. Additional TKS equipment are: two heated pitot probes, heated AOA/Stall switch, two ice accretion lights installed next to left windshield ice vane, and on the left nacelle (illuminating left wing leading edge).The TKS system Anti-Ice/De- Ice function is attained through glycol fluid stored in a dedicated tank.
012-22		All Versions	Ferry Tank	A 150 US Gal (570 lt) collapsible tank can be installed in the cabin to provide up to 1400 NM /10 hours overall endurance. Local CAA approval required.
012-23	30 kg 66 lb	All Versions, Except FULL CARGO	Cabin Heater System	Cabin heating is granted by a combustion heater installed in the tail section. Hot air is distributed trough the aircraft's ventilation system, where each passenger has the possibility to open/close/swivel his own air outlet.

Radio & Navigation

012-05		All Versions	Syntetic View	This option provides 3D terrain presentation on PFDs allowing an enhanced situational awareness. Coupled with GPWS reduces dramatically pilot workload and provides safer single pilot operations.
012-06		All Versions	Garmin MFD compatible Jeppsen ChartView	Departure, Approach, Arrival and A/D charts can be displayed on MFD allowing quick and easy reference during operations. Requires Jeppsen Database Subscription Service.
012-07	1kg 2.2 lb	All Versions	FMS Garmin GCU477	Flight Management System keyboard provides easy and fast selection of frequencies, waypoints, zoom function in different menus and pages, frequency swap and many other features.
012-08		All Versions	Garmin Flight Stream	This option makes the P2012 cockpit a connected suite, allowing to link the avionics with a tablet to efficiently exchange information: change frequencies, add/delete waypoints, plan an entire flight plan from a FBO office or Company office and upload it directly into the aircraft.
012-09	8kg 17.6 lb	All Versions	Four colour digital weather radar Garmin GWX75	Directly integrated in the MFD, GWX75 weather radar provides accurate weather situational awareness in a four colour presentation and a ground mapping radar function.
012-10	7,5 kg 16.5 lb	All Versions	ADF Becker RA- 3502/AC-3504	ADF functions on PFDs for NDB navigation and approaches.
012-11	9kg 19.8 lb	All Versions	TAS GARMIN GTS 800	Traffic Avoidance System. This system provides tracking up to 45 targets to a distance of 22 NM, even for those aircraft not equipped with ADS-B OUT. The info are presented of different location of the PFDS and MFD.
012-12	10 kg 22 lb	All Versions	TAS GARMIN GTS 825	Traffic Avoidance System. This system provides tracking up to 75 targets to a distance of 40 NM, even for those aircraft not equipped with ADS-B OUT. The info are presented of different location of the PFDS and MFD.
012-13	3,5 kg 7.7 lb	All Versions	Additional Transponder GARMIN GTX 335R	This option allows the P2012 to fly into airspace where the second transponder is required.
012-14	3kg 6.6 lb	All Versions	Stormscope Avidyne WX500	The WX-500 Stormscope provides additional situational awareness with 360 degrees coverage up to 200 NM presenting thunderstorm detection and electrical discharge on a dedicated MFD page, chart or inset.

Interiors

012-24	8,5 kg 18,7 lb	All Versions, Except CARGO	Sliding door for luggage compartment	A composite light-weight wall and sliding door installed between cabin and rear cargo vane, provides luggage and cargo separation from passengers also approved for TSA inspection.
012-27	1kg 2.2 lb	All Versions, Except CARGO	Premium Interiors	Cabin upgrade to Single/Two-tones leather seats for a VIP Premium touch. Coordinated cabin and flight deck leather seats, available in multiple design and colours. Custom interiors available on request.
012-28		All Versions	Premium Leather Yokes	Flight Deck yokes upgrade.
012-29		All Versions	Premium Carbon Fiber Yokes	Flight Deck yokes upgrade.

Exteriors

012-21	4,5 kg 9.9 lb	All Versions	Special Paint Livery	Two-colours main body and two-colours ornaments according to customer choices, including customized logo on the vertical tail. Custom painting available on request.
012-21	TBD	All Versions	Custom Paint Livery	Custom painting available on request.

Others

012-27	18 kg 40 lb	All Versions, Except CARGO	Quick Conversion kit from PAX to Cargo	Includes: N. 12 Fitting Plates with rolling N.2 Sliding walls for pilots N.1 Net For Pilots Protection
012-29	8kg 17,6 lb	All Versions, Except CARGO	Power Unit 230	Provides 28 V DC with 3360 .
012-SMP- 18	8kg 17,6 lb	All Versions	115/230VAC plugs with 1200Watt available	(only with option 012-29) voltage to be selected upon order, this optional will made available up to 1.2kW for 115/230V mission equipment.
012-19		All Versions	Mechanic Training Course	EASA 147 “ATALevel3” line and basi maintenance, includes five days of theory and ten days of practice.
012-20		All Versions	Pilot Course	Familiarization course which includes five hours of flight and four hours of ground training.
012-30		All Versions	Fuselage and propellers protection covers	Provides fuselage and propellers coverage, shade and protection.
012-31		All Versions	Oxygen equipment	The integrated oxygen system is a continuous flow type. Each Pilot or passenger can connect a mask or cannula to the oxygen system via outlet ports. Includes 2 Pilot Face-mask and 9 passengers breathing stations
012-33	3,5 kg 77 lb	All Versions	Aviation Oxygen System, Portable for 4 people includes:	1 Mountain High Oxygen System 1 Pilot Facemask W/MICROPHONE AMSKM-2000-02 3 Breathing station XCP-MH4 Installation kit

Special Mission Option List


P2012 Sentinel SMP Only

012-SMP-18		Sensor hatches sliding cover	The sliding cover can be purchased for one or both of the hatches and includes the electrically operated cover(s) with control switch and warning lights located on the mission power box control area.
012-SMP-21	4,5 kg 9,9 lb	Mission Power	Optional features are available on the mission power box: these include a powerful converter with 110/220 plug capable of up to 1200VA and up to 4 additional antennae connectors dedicated to mission equipment.
012-SMP-20		Passenger retrofit kit	The passenger retrofit kit allows restoration of full pax capability of the P2012 Traveller with 9 seats. Dedicated hatch covers with embedded seat rails allow fast restoration of the passenger seats within a few hours.
012-SMP-16	4 kg 8,8 lb	Pilot's dedicated monitor	A mission monitor is available as optional. The monitor is located close to the pilot's seat and wired to the front hatch area, ready to be connected to the mission equipment. The pilot's monitor is typically used for mission-dedicated flight plans, EOS field- of-view awareness and similar purposes.
012-SMP-17	30 kg 66 lb	Operator's console	Tecnam P2012 proposes a solution for the mission operator in the form of a roomy console that includes: <ul style="list-style-type: none"> • Area for a 21.5" screen; • Area for keyboard; • Storage area for tools, wires and racks.
012-SMP-19	8,5 kg 18,7 lb	Dedicated GPS/GLONAS antennae	Up to 4 additional antennae can be supplied with the P2012 SMP as factory-approved installation. This will simplify the customer-specific mission equipment validation and/or STC approval.
012-SMP-28	4,5 kg 9,9 lb	SMP Paint schemes	Additional paint schemes are available as per customer choice and depending on the specific mission and/or needs of visibility maximization/ camouflage.

Dedicated service

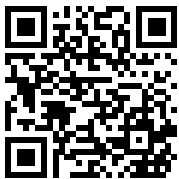
At Tecnam we have a dedicated P2012 Support Service, including fast genuine parts delivery for the P2012 Traveller.
Our goal is to keep you flying.

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or find us
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Specifications, weights, representations, colors, list of equipment, use of materials and model references listed herein are not warranted 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 rely only upon statements and representations contained in actual contracts that you enter into with TECNAM. 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.



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