



# P-Mentor

Two Seater IFR Trainer



*Soar Higher*

# Bringing training to the next level

A mentor is someone who sees more talent and ability in you than you see in yourself and helps you bring it out. Tecnam has designed the perfect two seat trainer, designed to unleash your potential: the P-Mentor.

It represents the ultimate way of training becoming the first choice for PPL, IR, and UPRT training. It is the smartest choice for any FTO: one platform for different missions, from basic to instrument training, offering a complete single-engine course, using one aircraft.

The P-Mentor is extremely comfortable, starting from the cabin, which is spacious, with best of class acoustics and great visibility. Furthermore, it is equipped with the state-of-the-art Garmin G3X avionics suite optimized to reduce the pilot's workload during flight.

At the same time, for its beautiful Italian design and its great performance it becomes extremely appealing for private owners.





**“With the P-Mentor, we believe we are shaping the future of aviation: the IFR certified aircraft with lowest fuel consumption and emissions”**

Giovanni Pascale Langer, Managing Director



# Choosing P-Mentor



## Ultimate confidence

The P-Mentor can operate under IFR rules in compliance with the latest EASA and FAA requirements, allowing PBN/RNAV as well as AFCS training capabilities;

The latest avionics and the sporty design allow pilots to feel in complete control of their aircraft, making it fun and easy to manage. With an airframe Ballistic Recovery System and compliance with the latest CS/Part23 requirements for stall recovery, the P-Mentor is the safest two-seater on the market.

## Green



With perfect integration of Rotax 912iSc, P-Mentor is the IFR trainer with the lowest fuel consumption and CO<sub>2</sub> emissions currently available, with up to 60% reduction of emissions compared with IFR competitors!

Long-range, full pax/full fuel and 14 L/H consumption, the P-Mentor represents the best deal for a FTO as well as for private owners.



Discover our  
commitment to  
sustainable flight



## Stylish

Modern interiors are characterized by design seats, shaped sticks, and superior visibility; the P-Mentor is comfort at its best.

Italian design and sensual lines, the P-Mentor is the most attractive low-wing, two-seater in the marketplace for Flight Training and Personal Mobility.



## Profitable

One platform can accompany students from their first flight up to Commercial Pilot License, stepping through Variable Pitch and (simulated) Retractable Landing Gear, up to their full instrument rating;

Low cost of maintenance, low fuel consumption and great value for money make this aircraft a unique money maker for any FTO. On the other hand, for a private owner that usually likes to fly alone or with another person, represents the smartest deal on the market for a full IFR CS Part/23.



PM.S-1001

P-Mentor G3X - Rotax 912 iSC3 Sport CS 23



PM.S-1002

P-Mentor G3X - Rotax 912 iSC3 Sport CS 23  
with RNAV capability

Also includes the following equipment:

Garmin GTN 650 Xi Com, Nav, Gps

Garmin GAD 29c

Garmin GTX 345R (Exchange for Std GTX345)



**“Don’t be afraid to aim high, don’t be afraid to dream big, but above all, believe in yourself, and remember this every day.”**

Paolo Pascale Langer, CEO

## Design Weight and Loading

Maximum Take Off Weight	1587 lb	720 kg
Empty Weight, Standard	959 lb	435 kg
Useful Load	628 lb	285 kg
Baggage allowance	66 lb	30 kg
Fuel Capacity	34 US gal	130 lt

## Performance

Max Cruise Speed KTAS	117 kts	217 km/h
Stall Speed (Flaps Down Power Off) KCAS	44 kts	82 km/h
Max Operating Altitude	13.000 ft	3962 m
Take off run	1017 ft	310 m
Take off distance	1706 ft	520 m
Rate of climb	750 ft/min	3,81 m/sec
Landing Run	650 ft	198 m
Landing Distance	1280 ft	390 m
Range	950 nm	1760 km
Endurance	9h:30m	



**“The perfect deal for any flight school”**

Bartłomiej Walas, President of Bartolini Air Group, Poland

Bartolini Air is one of Europe's most renowned flight training centers and it has been chosen by Ryanair to become an approved training partner.



## Standard equipment

### DUAL DISPLAY GDU 460 SYSTEM WITH EIS

- PFD/MFD GDU 460 Display
- MFD/EIS GDU 460 Display
- GSU 25D ADAHRS #1
- GEA 24 EIS
- GMU 11 Magnetometer
- OAT Probe GTP 59

### Engine Instruments, Displayed in the G3X

- RPM Indicator
- Hour Recorder
- Oil Press
- Oil Temp.
- Coolant Temp.
- Fuel Press.
- Voltmeter
- Ammeter
- LH + RH Fuel Qty
- Chronometer
- OAT

### Other Instruments/Warnings

- Garmin GI-275 - Standby Attitude Module Digital
- Compass, lighted
- Double Annunciator Panel with Push to Test:
  - Stall Warning voice/light
  - Low Fuel Level LH 6 RH
  - Pitot Heat, Pitot Heat On
  - Back up Batt
  - EMS
  - Lane A & B
  - Batt Fault
  - Pitot Heat, Pitot Heat On

### Flight and Engine controls

- Hydraulic Toe Brakes
- Parking Brake
- Electrical Flaps, prerselct
- Dual Flight Controls
- Steerable Nose Wheel
- Stabilator Trim (electric actuated from stick)
- Central Quadrant with Single engine Throttle Lever
- Andair Fuel Selector
- Engine Panel Switches:
  - Master/Field
  - Line a & B, guarded
  - Starter Push Botton
  - Start Power Switch
  - Momentary Switch

### Electrical system

- Integrated Generator A-16 Amp 14 vdc
- Integrated Generator A-30 Amp 14 vdc
- Lithium Battery 15,5 Ah 12 vdc ETX900
- External Power Supply Receptacle
- Circuit Breaker Panel

### Fuel system

- Two Integral Fuel Tanks with 130 liters/ 34 US Gal total capacity
- Engine Driven Fuel Pump
- Auxiliary Fuel Pumps, electric
- Fuel Quick Drain
- 1 X Shut Off And Fuel Selector Valve ANDAIR

### Exteriors lights

- Nav. Lights LED with strobe Full LED TSO Fully integrated in the wing tip
- Landing Light LED

### Interiors

- Pilot And Copilot Seats:
  - Adjustable fore and aft
- Seat Belts & Shoulder Harness, all seats
- Wall To Wall Carpeting
- Luggage Compartments
- Fire Extinguisher
- Radio Call Plate
- Soundproofing
- USB ports
- First Aid Kit
- Emergency Hammer

### Exterior

- Epoxy Corrosion Proofing, all structure
- Sliding Canopy with Lock And Key
- Rear Window
- Tie Down Rings
- Main Wheels, 5,00 X 5 Cleveland/Beringer
- Nose Wheel, 5,00 X 5
- Wheel Pants

### Cabin comfort system

- Windshield Defroster
- Ventilator Adjustable, 2 Place
- Heating System

### VFR Night Features

- Heated Pitot
- Instrument Light
- Emergency Light
- Map Light
- Dimmers
- Taxi Light Led
- Compass Lighted
- Alternate Static Source
- Day & Night Switch



## Powerplant and Propeller

- Engine - 1 ROTAX 912 iSC3 100 HP, 4 Cylinders
- Liquid/air cooled, integrated reduction gear
- Redundant Electronic Fuel Injection
- Engine Management System EMS
- Central Throttle Lever
- Tubular Steel Engine Mount
- Propeller - MT 2 Blade V.P. Hydraulic with Governor
- Propeller Spinner
- Air & Oil Filter
- Oil And Water Coolers
- Thermostat Valves Oil and Water

## Standard GARMIN Avionics Package

- GMA 245R Remote Audio Panel
- GNC 255A COM/NAV
- GTX 345R Transponder ADS-B IN/OUT
- GAE 12 Encoder for Transponder
- ELT 406 Mhz KANNAD
- Antennas:
  - XPDR
  - COM 1 CI-121
  - NAV (VOR/LOC/GS) CI-158C
  - Marker Beacon CI-102
  - GPS GA-35
  - GPS GA-56
  - ELT
- Speakers
- Microphone
- Stick Push-To-Talk Switch-Pilot/Copilot
- Mic & Phone Jacks-Pilot/Copilot
- Bose Lemo Connector Pilot/Copilot
- Bose Lemo Connector Pilot/Copilot

## Product Support/Documents

- Manufacturer Full Two Year Limited Warranty
- Pilots Operation Handbook
- Maintenance Manual
- Parts Catalog
- Aircraft Log Book
- Engine Log Book

## Optional equipment

CODE	DESCRIPTION
<b>ME.A-AP</b>	Autopilot GFC500 two axes with GMC 507 Controller
<b>ME.A-YD</b>	Yaw Damper third axis GFC500 Autopilot (requires Opt. ME.A-AP)
<b>ME.AE-BRS</b>	BRS Ballistic Parachute
<b>ME.AE-RG</b>	SRGC (Simulated Retractable Gear Control) includes Mock Landing Gear Lever and Lights
<b>ME.A-KN6</b>	DME KN63 remote unit with Antenna & GAD 43E adapter
<b>ME.A-KR8</b>	ADF KR87-16 Bendix King Also include : KI-227 Indicator & KA-44B Loop Antenna (Only available for A-MENTO.2 Version)
<b>ME.A-G5A</b>	GARMIN GNC 255A COM/NAV 8.33 Khz with Antennas and Inst.
<b>ME.O-HS</b>	Coolant Operating Cabin Heating System (Exchange Std. Heating System)



## Contact us or find us online

+39 0823 622297

info@tecnam.com

www.tecnam.com



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Costruzioni Aeronautiche Tecnam SpA  
via Maiorise 81043 Capua (CE) - Italy