

P-Mentor

Two Seater IFR Trainer



Soar Higher



Aerocorp



“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



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.

“A business deal that improved our profitability”

Jorge Garcia, EAS Barcelona



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 CO₂ 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.



A-MENTO.1 P-Mentor G3X - Rotax 912 iSC3 Sport CS 23



A-MENTO.2 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)

Powerplant

Engine Manufacturer	Rotax 912iSc3
Engine Power	100 HP
Propeller	Model MTV-21 A/180-51
Fuel Consumption	4.0 USG/h (15 lt/h)
Fuel Type	Mogas and Avgas
Fuel tank capacity	140 lt (37 USG)

Design Weight and Loading

Maximum Take Off Weight	720 kg	1587 lb
Empty Weight, Standard	435 kg	959 lb
Useful Load	285 kg	628 lb
Baggage allowance	30 kg	66 lb

Performance

Max Cruise Speed TAS	217 km/h	117 kts
Stall Speed (Flaps Down Power Off) CAS	82 km/h	44 kts
Service Ceiling	3962 m	13.000 ft
Take off run	310 m	1017 ft
Take off distance	520 m	1706 ft
Rate of climb	3,30 m/sec	650 ft/min
Landing Run	198 m	650 ft
Landing Distance	390 m	1280 ft
Range	1760 km	950 NM
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.

“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



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 & 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, preselct
- 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 Button
 - 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
- Garmin GTN 650 Xi Com,Nav,Gps
- Garmin GAD 29c
- 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
 - COM 2 C292-2
 - 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

Product Support/Documents

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

VFR Night Features

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

Optional equipment

CODE	DESCRIPTION
ME.A-AP	Autopilot GFC500 two axes with GMC 507 Controller
ME.A-YD	Yaw Damper third axis GFC500 Autopilot (requires Opt. ME.A-AP)
ME.AE-BRS	BRS Ballistic Parachute
ME.AE-RG	SRGC (Simulated Retractable Gear Control) includes Mock Landing Gear Lever and Lights
ME.A-KN6	DME KN63 remote unit with Antenna & GAD 43E adapter
ME.A-KR8	ADF KR87-16 Bendix King Also include : KI-227 Indicator & KA-44B Loop Antenna (Only available for A-MENTO.2 Version)
ME.A-G5A	GARMIN GNC 255A COM/NAV 8.33 Khz with Antennas and Inst.
ME.A-AT1	AT-1 Air Traffic Anti-Collision