

# P-Mentor

Two Seater IFR Trainer



*Soar Higher*



QUALITY AIRCRAFT SINCE 1948

**TECNAM**



# 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

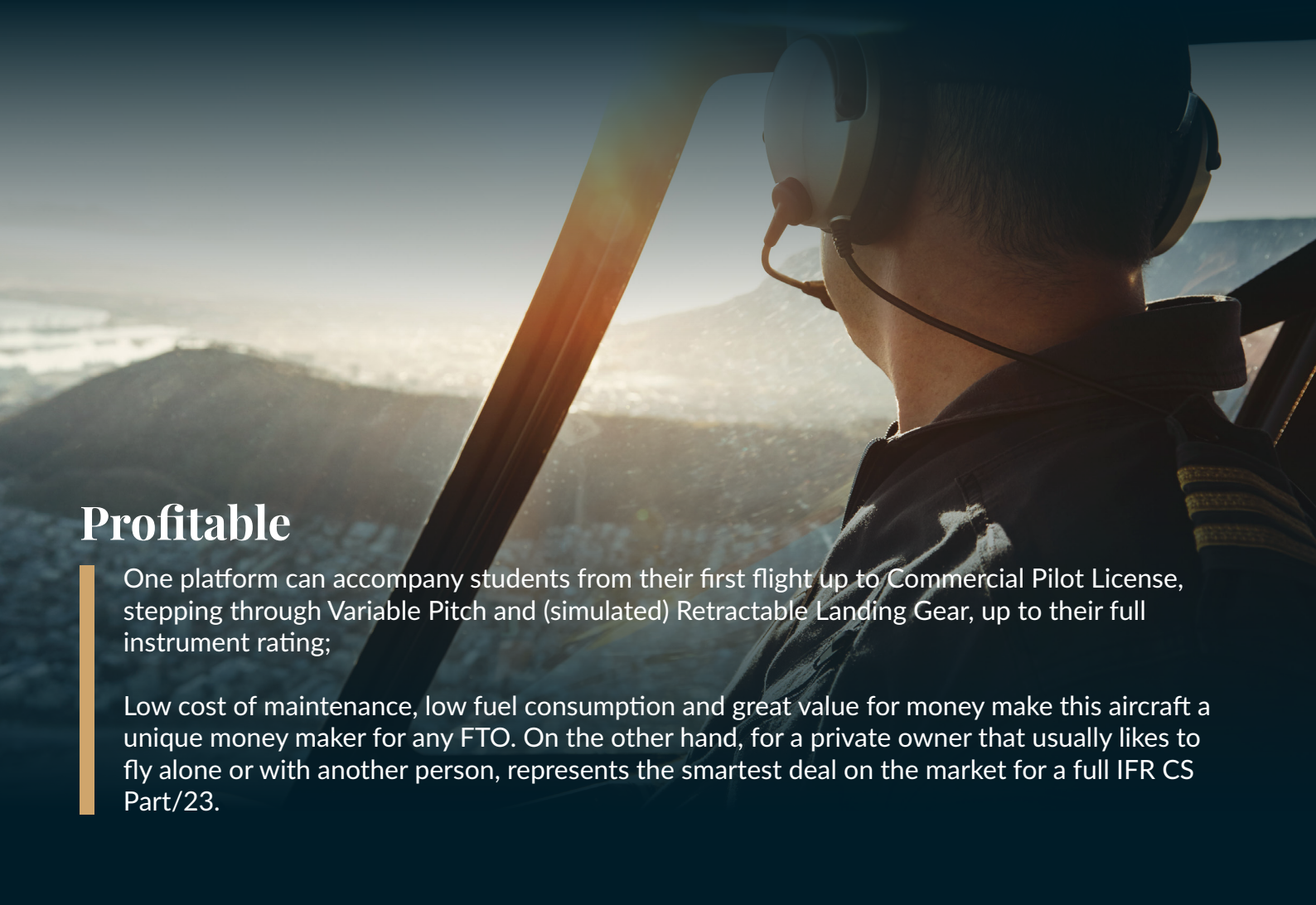




## Stylish

Modern interiors characterized by design seats, shaped stick, 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	948 lb	430 kg
Useful Load	640 lb	290 kg
Baggage allowance	44 lb	20 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 centres 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	GMU 11 Magnetometer
GSU 25D ADAHRS #1	GEA 24 EIS	OAT Probe GTP 59

## Engine Instruments, Displayed in the G3X

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

## Flight and Engine controls

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

## Interiors

Pilot And Copilot Seats adjustable fore and aft		Four-point inertia-reel safety belts
Wall To Wall Carpeting	Radio Call Plate	USB ports
Fire Extinguisher	Soundproofing	First Aid Kit
Emergency Hammer		Luggage Compartments

## VFR Night Features

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

## Cabin comfort system

Windshield Defroster	Ventilator Adjustable, 2 Place	Heating System
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## Fuel system

Two Integral Fuel Tanks with 130 litres total capacity		1 X Shut Off And Fuel Selector Valve ANDAIR
Main Electrical Fuel Pump	Auxiliary Fuel Pumps, electric	Fuel Quick Drain

## Electrical system

Integrated Generator A-16 Amp 14 vdc		Integrated Generator A-30 Amp 14 vdc
GILL 25A Battery	External Power Supply Receptacle	Circuit Breaker Panel





## Exterior

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

## Exteriors Lights

Nav. Lights LED with strobe AVEO Full LED TSO	Landing Light LED
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## Powerplant and Propeller

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

## Other Instruments/Warnings

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

## Standard GARMIN Avionics Package

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

## Product Support/Documents

Manufacturer's Full Two Year Limited Warranty, plus, only for the airframe, one extra Year or 2000 hours		
Pilots Operation Handbook		Maintenance Manual
Parts Catalog	Aircraft Log Book	Engine Log Book

## Optional equipment

CODE	DESCRIPTION
PM.O.01	Autopilot GFC500 two axes with GMC 507 Controller
PM.O.02	Yaw Damper third axis GFC500 Autopilot (requires Opt. PM.O.01)
PM.O.03	BRS Ballistic Parachute
PM.O.04	SRGC (Simulated Retractable Gear Control) includes Mock Landing Gear Lever and Lights
PM.O.05	DME KN63 remote unit with Antenna & GAD 43E adapter
PM.O.06	ADF KR87-16 Bendix King with KI-227 Indicator & KA-44B Loop Antenna (Only available with PM.S-1002)
PM.O.07	GARMIN GNC 255A COM/NAV 8.33 Khz with Antennas and Inst.
PM.O.08	GNX 375 TDX+GPS (Exchange. for Std GTX345) for RNAV capability (only for PM.S-1001)
PM.O.09	Coolant Operating Cabin Heating System (Exchange Std. Heating System)







## Contact us or find us online

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