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.







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.



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!

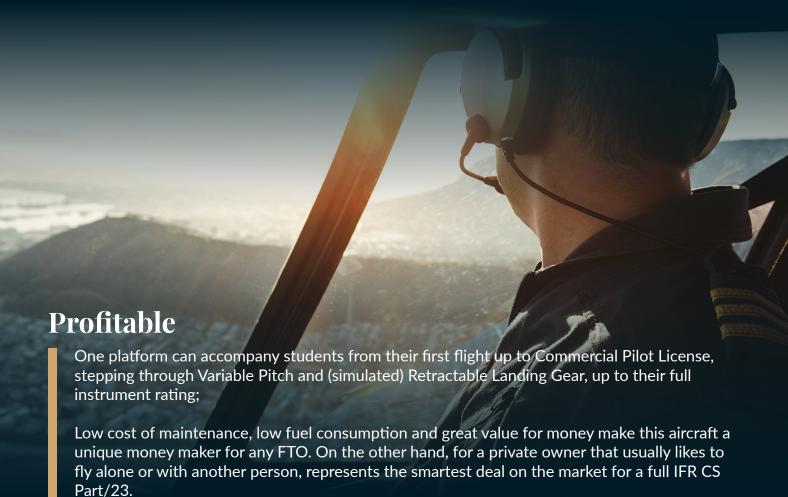
Long-range, full pax/full fuel and 14 L/H consumption, the P-Mentor represents the best deal for a FTO as well as for private owners.

Discover our commitment to sustainable flight



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.







"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."

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	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:3	0m



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, prerselct
Dual Flight Controls and Steerable Nose Wheel	Central Quadra Single engine I Andair Fuel Se	Throttle Lever	Stabilator Trim (electric actuated from stick)
Engine Panel Switches:			
- Master/Field	- Line a & B, gı	uarded	- Starter Push Botton
- Start Power Switch		- Momentary	Switch

Interiors

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

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 1 capacity	30 litres total	1 X Shut Off An ANDAIR	d Fuel Selector Valve
Main Electrical Fuel Pump	Auxiliary Fuel Pun	nps, electric	Fuel Quick Drain

Electrical system

Integrated Generator A-1	6 Amp 14 vdc	Integrated Gener	ator A-30 Amp 14 vdc
GILL 25A Battery	External Power Sup	ply 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	SO 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 Or	- 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

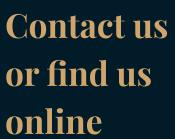
Product Support/Documents

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 Balistic 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)







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