

# NEW P92 Echo MkII



The classic Tecnam Back to the Future.



## SPECIFICATION AND DESCRIPTION



QUALITY AIRCRAFT SINCE 1948

## TECNAM

Since 1994, the Tecnam P92 comes back with a new version: always high wing, two place, single engine airplane equipped with tricycle landing gear. The P92 Echo MkII comes today with up-to-date technology, composite fuselage, glass avionics and the same pleasant flying qualities: safe and easy to fly with beauty, inside and outside. The P92 Echo MkII has both metal wings and a metal stabilator.

Tecnam chose to construct the P92 Echo MkII with metal wings and stabilator structures for strength, reliability, and the ability to flex in flight, thereby ensuring a more comfortable ride. To produce the desired increase in cabin width and greater aerodynamic efficiency, Tecnam chose

carbon fibre.

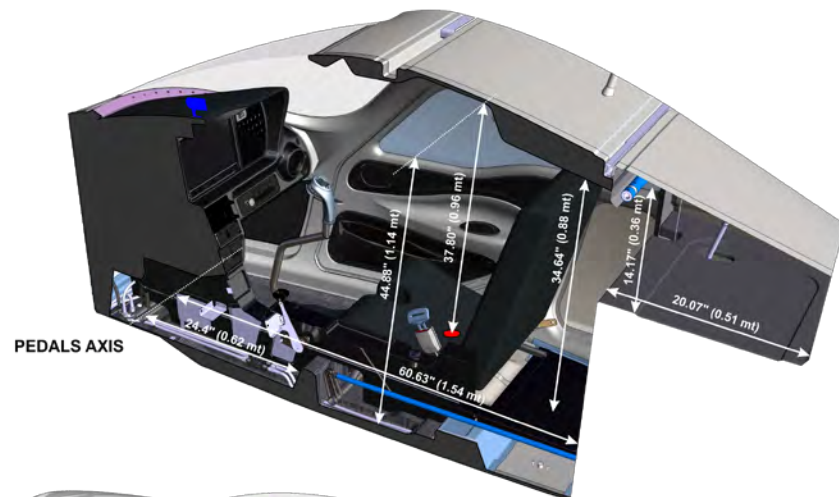
The decision to use both materials was for the optimisation of aerodynamic qualities, flight characteristic, and reliability. This addition enables Tecnam to make construction decisions based on optimum design and structural integrity rather than purely the cost of production.

The doors which are lined with automotive type door seals, seats that give full support with excellent leg room, side map pockets as well as pockets in the back of the seats all combine to make the P92 MkII a very comfortable aircraft.

Some of the advantages: Superior performance and flight characteristics. Low stall speed with excellent response at all speeds. Stable and Responsive with uncompromising build quality (based on CS/VLA certified Aircraft). Excellent visibility, roomy, quiet and ergonomic.

The all movable type (stabilator) horizontal tail, traditional on Tecnam aircraft, allows excellent controllability and excellent "hands off" longitudinal stability.



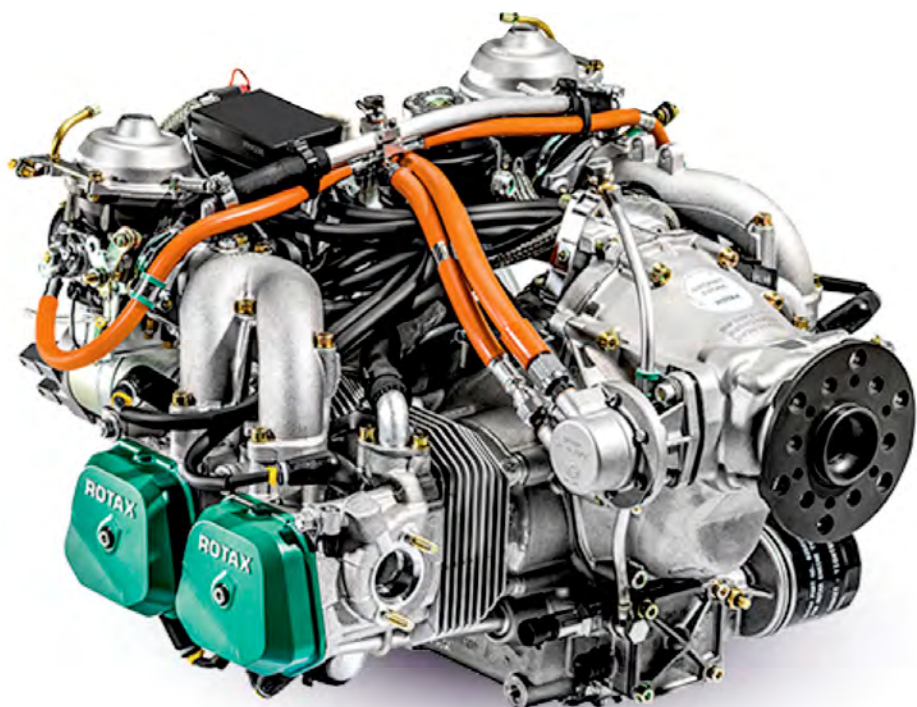


|                                            | 472.5 kg ULM |          | 912 600 kg ULM/LSA |          |
|--------------------------------------------|--------------|----------|--------------------|----------|
| Max Cruise Speed KTAS                      | 115 kts      | 213 km/h | 115 kts            | 213 km/h |
| Stall Speed (Flaps Down Power Off)<br>KCAS | 35 kts       | 64 km/h  | 39 kts             | 72 km/h  |
| Practical ceiling                          | 14000 ft     | 4267 m   | 14000 ft           | 4267 m   |
| Take off run                               | 328 ft       | 100 m    | 460 ft             | 140 m    |
| Take off distance                          | 755 ft       | 230 m    | 885 ft             | 270 m    |
| Landing Run                                | 328 ft       | 100 m    | 393 ft             | 120 m    |
| Landing Distance                           | 755 ft       | 230 m    | 885 ft             | 270 m    |
| Empty Weight                               | 645 lb       | 293 kg   | 750 lb             | 340 kg   |



All estimated performance data are based on aeroplane weights at MTOW; standard atmospheric conditions; level, hard surface, dry runways, no wind. Empty weight could be  $\pm 2\%$ .

## ROTAX 912 S2



- Engine family 4-Stroke
- Number of cylinders 4
- Performance 7 3 kW / 99 HP
- Weight 56.6 kg
- Performance / RPM 73.5 kW / 5800 rpm
- Engine torque / RPM 128 Nm / 5800 rpm
- Gear Fix

# ROTAX®



## STANDARD EQUIPMENT

### Flight Instruments And Indicators

- Magnetic Compass
- Airspeed Ind.
- Altimeter Dual Mode (In/Mb)
- Vertical Speed
- Bank Indicator
- Pitot System
- Static System
- Stabilator Trim Position Indicator

### Engine Instruments

- Tachometer
- Hour Recorder
- Oil Press
- Oil Temp.
- Head Temp.
- Fuel Press.
- Voltmeter
- LH + RH Fuel Q.ty
- Stabilator Trim Position Indicator
- Flap Indicator

### Flight Controls

- Hydraulic Toe Brakes
- Parking Brake
- Electrical Flaps
- Dual Flight Controls

- Steerable Nose Wheel
- Stabilator Trim (Electric Actuated From Stick)
- Engine Controls:
  - Central Quadrant With Single Throttle Lever
  - Choke
- Flight Trim Controls:
  - Stabilator With Indicator
- Fuel Control Selector Andair

### Panel Switches:

- Starter Key ACS
- Split Starter
- Avionic Master

### Electrical System

- 12 Volt 18A Amp. Battery
- 12 Volt Alternators-20 Amp.
- Circuit Breaker Panel
- 12 Volt Socket

### Fuel System

- Two Integral Fuel Tanks With 95L 25 USgal Total Capacity
- Engine Driven Fuel Pump
- Fuel Tank Quick Drain , Two

### Interior

- Pilot And Copilot Seats:
  - Adjustable Fore And Aft
- Seat Belts
- Wall To Wall Carpeting
- Map and Storage Pockets
- Luggage Compartments

### Exterior

- Epoxy Corrosion Proofing, All Structure
- LH/RH Front Door Pilot/Copilot, Lock And Key
- All Lateral And Rear Windows Tinted Brown
- Main Wheels, 5,00 X 5
- Nose Wheel, 5,00 X 5
- Wheel Fairing

### Exterior Lights

- Landing Light (No Led)

### Cabin Comfort System

- Heating System
- Ventilator Adjustable 2 Place

### Powerplant And Propeller

- Engines Rotax 912UL 100 Hp, 4 Cylinders
- Liquid/Air Cooled, Integrated Reduction Gear Dual Ignition System
- Throttle Control
- Tubular Steel Engine Mount
- Propeller Sensenich, 2 Blade Fix
- Propeller Spinner
- Air Filter
- Oil Filter
- Oil And Water Coolers

### Product Support/Documents

- Manufacturers Full Two Year Limited Warranty
- Pilots Operation Handbook
- Maintenance Manual
- Parts Catalogue

## STANDARD AVIONIC

**C-1001 P92 ECHO MKII 100HP Standard**

### Flight Instruments And Indicators

- Magnetic Compass
- Airspeed Ind.
- Altimeter Dual Mode (In/Mb)
- Vertical Speed
- Bank Indicator
- Pitot System
- Static System
- Stabilator Trim Position Indicator



### C-1002 P92 ECHO MKII 100HP Standard EU 600 Kg Package

Non-Additive. Replaces all Standard Equipment. Also Includes the following equipment:

- GARMIN GMA245 Audio Panel
- GARMIN GTR 225A COM
- GARMIN GTX 335 TRANSPONDER with GPS
- KANNAD ELT 406 Mhz WITH REMOTE MOUNTED SWITCH
- STICK PUSH-TO-TALK SWITCH-PILOT/ COPILOT
- MIC & PHONE JACKS-PILOT/COPILOT
- Antennas:
  - Transponder
  - VHF
  - ELT
- Emergency Parachute System BRS



Some images may contain optional items not included in the standard. Option also pictured.

## AVIONIC OPTION 1

## GARMIN G3X PACKAGE

Includes the following equipment:

### Two Display GDU 460 With EIS

- GDU460
- GDU460
- ADAHRS GSU 25
- GEA 24 Engine Instrument Module
- GMU 22 Magnetometer

- GTP 59 Temperature Probe
- LRU KIT
- INSTALLATION KIT
- G3X SENSOR KIT
- GA 56 Antenna



### C-1003 P92 ECHO MKII 100HP G3X

#### GSU Configuration

- Amps (Ammeter Shunt Or Hall Effect)
- Monitor Cht
- Aircraft Bus Voltages
- Oil Temperature
- Oat
- Oil Pressure
- Manifold Pressure
- Fuel Pressure
- Rpm
- Trim Indicator
- LH + RH Fuel Qty

#### Avionic Package

- GARMIN GMA 245 Audio Panel
- GARMIN GTR 225A COM
- GTX 35R Transponder mode S remote mounted
- ELT KANNAD 406 Mhz
- STICK PUSH-TO-TALK SWITCH-PILOT/COPILOT
- MIC & PHONE JACKS-PILOT/COPILOT

#### Antennas:

- Transponder
- VHF
- GPS
- ELT

### C-1004 P92 ECHO MKII 100HP G3X EU 600 Kg Package

Includes:

- Emergency Parachute System BRS



Some images may contain optional items not included in the standard. Option also pictured.



## OPTIONAL EQUIPMENT

### C-1005

### P92 ECHO MkII 100HP US LSA

- Extended Warranty for Rotax Engine (1 year extension)
- Fire Wall Inox
- Airspeed Ind., Kts
- • Panel Switches:
- Tie Down Rings
- Fire Sleeve On Fuel and Oil Tubes
- Thermostatic Valve Oil
- Baggage Compartment Net
- External Power Supply
- Taxi Light LED
- Wing Light Green/Red, White and Strobe AVEO
- Auxiliary Fuel Pumps, Electric
- Windshield Defroster

*Non-Additive. Replaces all Standard Avionics. Some images may contain optional items not included in the standard. Option also pictured.*



STANDARD

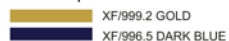
**S11** Color Stripes



**S13** Color Stripes



**S12** Color Stripes



**S14** Color Stripes



SPECIAL PAINT

**Sp1** Paint



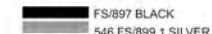
Stripes



**Sp3** Paint



Stripes



**Sp2** Paint



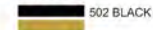
Stripes



**Sp4** Paint



Stripes



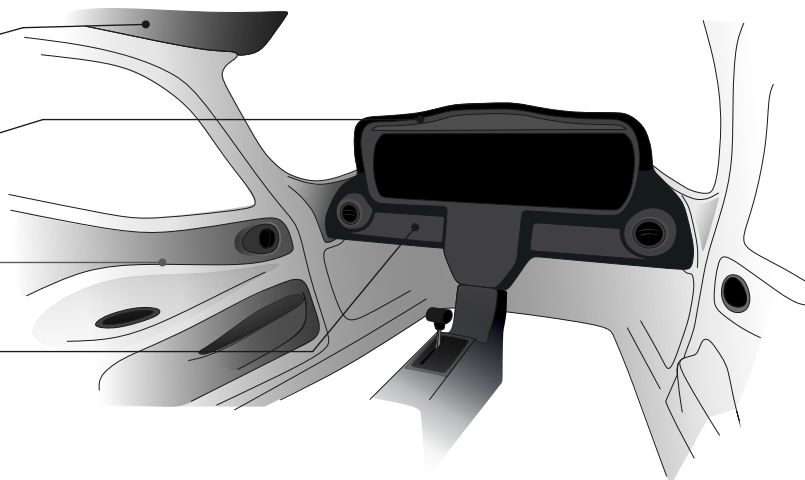
## Cockpit

Roof: Dark Grey

Glareshield: Black

Doors: Medium and Dark Grey

Dashboard: Black



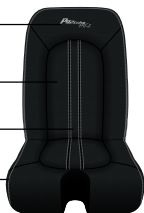
## Standard seats

Embroidered Logo

Black Imitation Leather

Central Classic Design

Contrast tone stitching

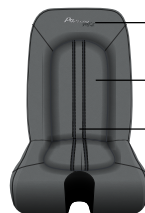


Embroidered Logo

Grey Imitation Leather

Central Classic Design

Contrast tone stitching



## De Luxe seats

Embroidered Logo

Black or Light Grey Imitation Leather

Medium Grey Fabric Suede effect

Tone on tone central stitching diamod line design

Contrasting external stitching



Embroidered Logo

Black or Light Grey Imitation Leather

Medium Grey Fabric Suede effect

Tone on tone central stitchi Parallel line design

Contrasting external stitchi





Pascale Museum at Tecnam Headquarters Capua

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<https://www.tecnam.com/aircraft/p92-echo-mkii/>



1948 - 2018  
**70**  
 YEARS

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