



QUALITY AIRCRAFT SINCE 1948  
**TECNAM**

# P92 Eaglet G5

**ADVANCED ULTRA LIGHT**

**Aviation**  
home  
Specialist in Selling Light  
Aircrafts & Spare Parts

# P92 Eaglet G5

Tecnam designed the P92 Eaglet after re-examining the ultra light aircraft market and determined a significant need existed for a robust trainer for all levels of flight – Sport Pilot through Commercial training. The result is the Eaglet. Using the proven P92 as the base platform and paying particular attention to the needs of the new American LSA category, Tecnam has delivered the best high wing training and cross country aircraft to date in the light general aviation category.

The Eaglet combines the best of the features of their existing high wing aircraft line merged into a single platform.

The Eaglet features increased side visibility, smooth aerodynamic lines, a low profile modular panel able to accommodate a wide range of avionics, while still maintaining excellent visibility over the nose, a trait of all TECNAM aircrafts.

The doors are fitted 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, and even a cup holder, make the Eaglet a luxury aircraft.

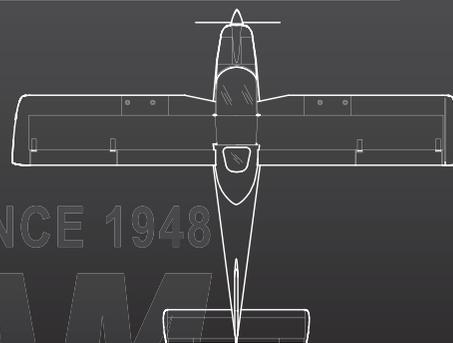
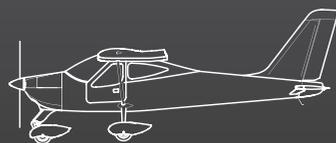
All this makes the Eaglet the natural choice for discriminating buyers of all ages and levels of flight experience.

But the real beauty of this fine bird is in the flying – uncompromised and unparalleled in feel and response.



## ADVANTAGES

- Superior performance and flight characteristics
- Low stall speed with excellent response at all speeds
- 116 KTS cruise
- Stable and Responsive
- Uncompromising build quality: based on CS/VLA certified aircraft P92 JS
- Excellent visibility
- Roomy, quiet, and ergonomic
- Comfortable 46 inch wide cabin



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## SPECIFICATIONS

### DESIGN WEIGHT & LOADING

Designed MTOW	600 kg	1320 lb
Limit Loads	+4/-2 G	
Ultimate Loads	+6/-3 G	
Baggage Allowance	20 kg	44 lb

### DIMENSION

#### WING

Wing Span	8,7 m	28,5 ft
Wing Area	12,4 sqm	133 sqft

#### FUSELAGE

Length	6,5 m	21,3 ft
Height	2,5 m	8,2 ft

#### LH-RH CABIN DOOR

Height	0,83 m	33 in
Width	0,76 m	30 in

#### ENGINE

Manufacturer	ROTAX
Model	912 ULS2
Power	98 hp
Number of Cylinders	4

#### PROPELLER

Manufacturer	GT PROPELLER
Model	GT
Number of Blades	2
Type	Fix

#### PERFORMANCE

15°C SEA LEVEL 450 KG / 990 LB

#### SPEED

Maximum at Sea Level	235 km/h	127 KTS
Cruise, 75% power	215 km/h	116 KTS
VNE	270 km/h	146 KTS

#### STALL SPEED

Flaps Down, power off	65 m	35 ft
Rate of Climb at Sea Level	5,6 m/sec	1100 ft/min
Service Ceiling	4500 m	14,800 ft

#### TAKEOFF PERFORMANCE

Ground roll	110 m	360 ft
Total over 50 fr obstacle	350 m	673 ft

#### LANDING PERFORMANCE

Ground roll	160 m	360 ft
Total over 50 fr obstacle	260 m	850 ft

#### FUEL

Fuel Tank Capacity	45 X2 lt	11,9 X2 GAL
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## CONSTRUCTION

- The Tecnam line employs a monocoque construction style using sheet aluminium over steel tubing.
- The wing is all aluminium and constructed in a conventional way with a single spar and metal torsion box.
- The airfoil is a Gottinga 398 modified for better low speed handling characteristics with a modified STOL wing-tip.
- The leading edges of the wings are easily detachable for repairs.
- The fuel tanks hold 11,2 GAL (45 lt) in each wing and are located in the wings separated from the fuselage for safety.
- A rear window completes the extraordinary visibility allowing 360° of vision in the cockpit.
- The stabilator provides remarkable longitudinal hands-off stability along with minimum drag and weight penalty providing balanced, 2 finger, flight control.
- The wide slotted flaps, electrically activated, allow stall speed lower than 38 Kts.
- The Eaglet has 38 degrees of flaps making steep approach landings easier.

## ENGINE AND PROPELLER

- The top and bottom engine cowls are quickly and easily removed making any maintenance procedure faster to accomplish.
- The top cowl has 2 large hinged openings for easy access to the engine compartment for effective pre-flight inspections.
- The engine is mounted on Cro-Moly steel-tubing with shock mounts.
- The steel firewall is soundproofed.
- The power plant is a Rotax 912 series four-cylinder, four-stroke engine.
- The engine is a liquid and air cooled engine with an integrated 1:2.4286 reduction gear.
- A fixed pitch wood and composite propeller comes standard with several ground adjustable propellers available as options.
- The quick drain gascolator is installed in the engine compartment with easy access.
- The engine installation allows for the addition of a 40 Ah external alternator.
- Circuit breakers are standard.
- The battery is located in the rear of the fuselage with easy access through a hinged door.

## LANDING GEAR

- The main landing gear is spring steel that is robust enough for unimproved strips and requires no service.
- The trailing link nose gear uses a rubber shock absorber system that was designed for the rigours of the training environment.
- The main landing gear wheels and brakes are conventional aircraft size (5.00x5).
- A hand actuated hydraulic brake is available as an option with toe brakes standard.
- A parking brake is between the seats and is actuated by use of a single twist.

## INTERIOR

- Seats are adjustable in flight and increase in height as they are moved forward.
- The luggage area allowing for 44 pounds of weight is located behind the seats with ample room for several travel bags.
- All Tecnam aircraft have dual control sticks with a curve at the base for ease of ingress and egress.
- The dual controls come standard with PTT and electric stabilator trim on the stick with a trim indicator on the panel.
- The widest cabin yet at 46 inches.
- The interior is spacious, ergonomic and comfortable.
- Dual throttles allow the pilot to fly either left or right handed.
- Heat and defrost are standard.
- The fresh air vents are conveniently located in the doors.
- All Tecnam aircraft provide excellent forward visibility over the cowl.
- The planes come with dual conventional rudder pedals with a steerable nose wheel.
- The wide instrument panel is designed to accommodate a full variety of instrumentation, from a standard 6 pack to fully integrated EFIS installations.
- The all new instrument panel is modular for ease of avionics installations.



## STANDARD EQUIPMENT

### FLIGHT INSTRUMENTS AND INDICATORS

Magnetic Compass  
Airspeed Ind.,  
Altimeter Dual Mode (In/Mb)  
Vertical Speed  
Bank Indicator  
Flap 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 Qty

### FLIGHT CONTROLS

Hydraulic Brakes

Parking Brake  
Electrical Flaps  
Dual Flight Controls  
Steerable Nose Wheel  
Stabilator Trim (Electric Actuated From Stick)  
Engine Controls: - Throttle, Two - Choke  
Flight Trim Controls: Stabilator with Indicator  
Fuel Control Selector with On/Off  
Panel Switches: Avionic Master

### ELECTRICAL SYSTEM

12 Volt 18A Amp. Battery  
12 Volt Alternators -20 Amp.  
Switches: -Landing Light -Strobe Light  
12 Volt Socket  
Circuit Breakers Panel

### FUEL SYSTEM

Two Integral Fuel Tanks with 92 Lt Total Capacity  
Engine Driven Fuel Pump  
Fuel Quick Drain

### INTERIOR

Pilot and Copilot Seats:  
Adjustable Fore and Aft, Arm Rest

Seat Belts & Shoulder Harness, All Seats  
Wall To Wall Carpeting  
Map & Storage Pockets  
Luggage Compartments

### EXTERIOR

Epoxy Corrosion Proofing,  
All Structure  
LH/RH Front Door Pilot/Copilot,  
Lock and Key  
Rear Window  
Main Wheels,  
12,00 X 5  
Nose Wheel,  
4,00 X 6

### EXTERIOR LIGHTS

Vertical Tail Strobe  
Taxi Light

### CABIN CONFORT SYSTEM

Windshield Defroster  
Ventilator Adjustable, 2 Place  
Heating System with Defrost

### POWERPLANT AND PROPELLER

Engines:  
- 1 Rotax 912ULS2 100 Hp,  
4 Cylinders Liquid/Air Cooled,  
Integrated Reduction Gear  
-1 Lycoming YO-233-B2A \*,  
with a 2400 hrs TBO,  
provides 115 hp @2800 rpm  
(\* if it is applicable)  
Dual Ignition System  
Throttle Control  
LH/RH  
Tubular Steel  
Engine Mount  
Propeller Gt Propeller, 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

## COSTRUZIONI AERONAUTICHE TECNAM S.R.L.

Costruzioni Aeronautiche Tecnam operates in two facilities. The Casoria facility is located adjacent to the Napoli Capodichino Airport and covers an area of about 12.000 sqm with about 4.000 sqm of enclosed facilities. The Capua facility is located adjacent to the "Oreste Salomone" Airport, covers an area of about 45.000 sqm with about 11.000 sqm of enclosed facilities.

