

P2002 Sierra NUK II

SPORTY, STYLISH LOW-WING





P2002 Sierra MkII

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We have had our Sierra MkII on the line now for 12 months and find it an exceptional ab-initio trainer. With the twin G3X screens the Sierra MkII is an excellent preparation to transition into similarly equipped General Aviation Certified aircraft.

Nathan James | CFI White Star Aviation Ballina, Australia

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With its **low wing, streamlined design and bubble canopy**, the **P2002 Sierra MkII** is Tecnam's sporty and stylish way to the sky.

Recognized for its maneuverability and flying qualities, whether for **training or a daily ride**, the **Sierra MkII** owners will not only benefit from its **efficiency** but also will distinguish themselves by its **unique silhouette**.

The aircraft is a **two-seater side-by-side, low-wing aircraft, featuring superlative performance and flying qualities**, confirmed by **hundreds of P2002 aircraft sold throughout the world**.

Due to the **tapered laminar airfoil and the slotted flaps**, this model is an outstanding aircraft with the **perfect mix of aerodynamics, performance, and structural efficiency**.

Flying with Sierra MkII empowers you to unleash your potential.



Max Cruise

120 kts - 222 KM/H



Useful Load

489 lb - 223 kg



Max Range

900 NM - 1.667 km



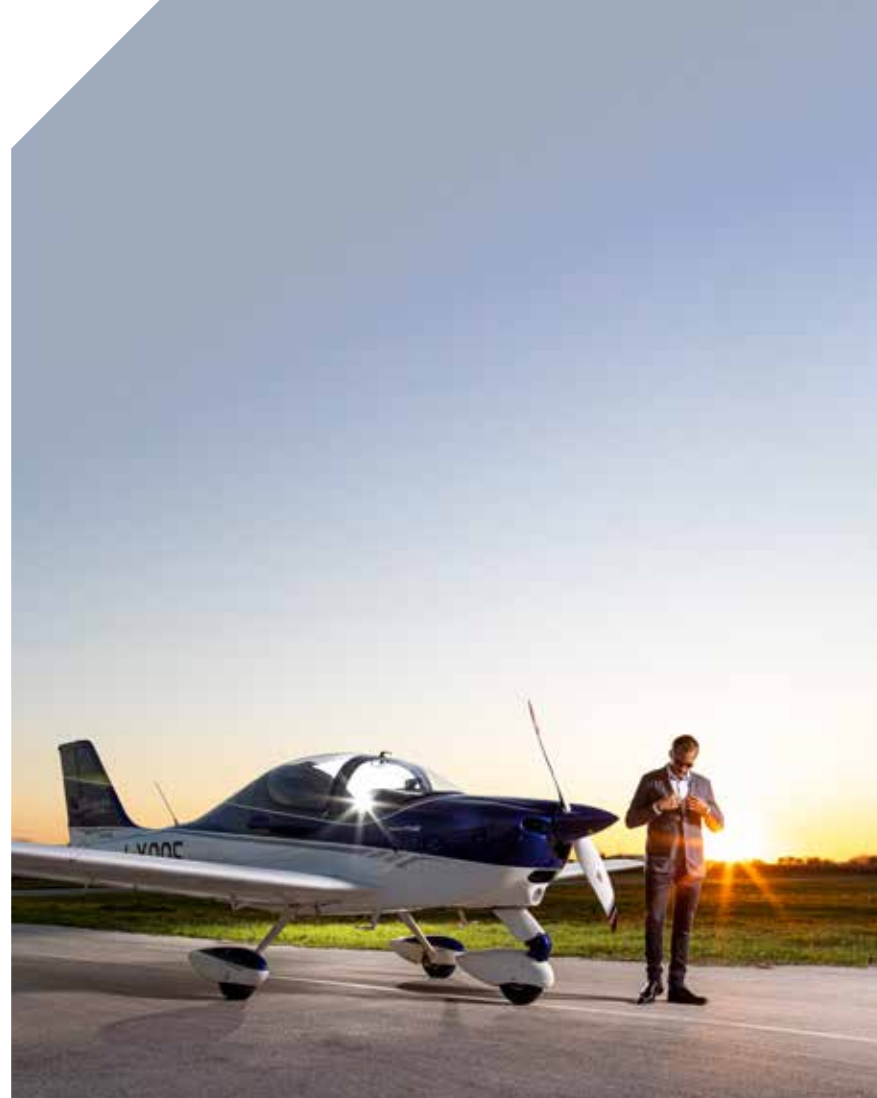
Horsepower

100 hp

CHOOSING P2002 SIERRA

Choosing this Tecnam model offers the following benefits:

- **State-of-the-art avionics** is enhanced by the implementation of a **Garmin G3X with two screens**;
- **Ultimate comfort** with **premium leather** interior;
- **Roomy baggage compartment** with **internal access** to accommodate bulky items;
- **Aluminum airframes** that create a **robust yet light airframe** resulting in **outstanding payload-to-total-weight ratio**;
- **Rotax 912ULS2 100 Hp** or optional **Rotax 912 IS Sport** injection guarantees exceptional performance and consumption.



SPECS

The P92MkII is powered by the Rotax 912ULS, the most popular piston engine in the world today with over 80 million hours flown and 50,000 912/914 engines delivered. This “engine of choice” is paired with the P92MkII with a refined design and easy access cowling.

POWER PLANT	
Engine	ROTAX 912 ULS2/912 IS
Engine Power	100 HP
Propeller	Two-Bladed Constant Speed Full Feathering MT Propeller
Fuel Consumption	4.5 USG/h (17 lt/h)
Fuel Type	MoGas and AvGas
Fuel Tank Capacity	26 US Gal (100 lt)

*4,0 US gal/h (15 lt/h) for 912iS equipped aircraft

PERFORMANCE		
Max Cruise Speed TAS	120 kts	222 km/h
Stall Speed (Flaps Down Power Off) CAS	40 kts	74 km/h
Service Ceiling	14.000 ft	4.267 m
Take Off Run	620 ft	189 m
Take Off Distance	1.180 ft	360 m
Rate of Climb	923 ft/min	4,6 m/sec
Landing Run	490 ft	149 m
Landing Distance	1.056 ft	322 m
Max Range	900 NM	1.667 km

DESIGN WEIGHT AND LOADING		
Maximum Take Off Weight	1.320 lb	600 kg
Empty Weight, Standard	831 lb	377 kg
Useful Load	489 lb	223 kg
Baggage Allowance	44 lb	20 kg

STANDARD EQUIPMENT

Dual Display GDU 460 System 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

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 QT

AVIONICS PACKAGE

- GARMIN GMA 245 Audio Panel
- GARMIN GTR 225A COM
- GTX 335 Transponder ADS-B OUT w/ GPS includes GA35
- ELT KANNAD 406 Mhz
- STICK PUSH-TO-TALK SWITCH-PILOT/ COPILOT
- MIC & PHONE JACKS-PILOT/COPILOT
- ANTENNAS:
 - TRANSPONDER
 - VHF
 - GPS
 - ELT

Flight controls

- Hydraulic Toe Brakes
- Parking Brake
- Electrical Flaps
- Dual Flight Controls
- Stabilator Trim (Electric Actuated From Stick)

- Engine Controls:
 - Central Quadrant with Single Throttle Lever
 - Choke
- Flight Trim Controls:
 - Stabilator Trim With Indicator
- Fuel Control Selector ANDAIR

Panel switches

- Split Starter
- Starter Key Acs
- Fuel Pump
- Landing Light
- Nav Light
- Strobe Light

Electrical system

- 12 Volt 18A Amp. Battery
- 12 Volt Alternators-20 Amp.
- Circuit Breaker Panel
- 12 Volt Socket
- Warning Light Alt Out
- USB port type C

Fuel system

- Two Integral Fuel Tanks
- Engine Driven Fuel Pump
- Auxiliary Fuel Pump, Electric
- Fuel Tank Quick Drain , Two
- 1 x Shut Off Valve ANDAIR

Interiors

- Pilot And Copilot Seats:
 - Eco Leather
 - Adjustable Fore And Aft
- Seat Belts, All Seats
- Wall To Wall Carpeting
- Map & Storage Pockets
- Radio Call Plate
- Soundproofing
- Luggage Compartment

Exterior

- Epoxy Corrosion Proofing, All Structure
- Canopy, Lock And Key
- Main Wheels, 5,00 X 5
- Nose Wheel, 5,00 X 5
- No Wheel Pants (see optional)
- Tie Down Rings

Exteriors lights

- Wing Tip Light Strobe and Position LED Light
- Landing Light LED

Cabin comfort system

- Fire Wall Inox
- Engines 1 Rotax 912ULs2 100 Hp, 4 Cylinders
- Liquid/Air Cooled, Integrated Reduction Gear
- Dual Ignition System
- Throttle Control Central
- Tubular Steel Engine Mount
- Propeller Sensenich, 2 Blade Fixed Pitch
- Propeller Spinner
- 2 Air Filter
- Oil Filter
- Oil And Water Coolers
- Fire Sleeve On Fuel And Oil Tubes

Powerplant and Propeller

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Product Support and Documents

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

P2002 Sierra VUK II



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