

# Sierra MkII

Single-Engine Aircraft



*Soar Higher*



**Aerocorp**

# Sporty, stylish low-wing

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.





**“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**



## Design Weight and Loading

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

## Performance

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



## Standard equipment

### Two Display GDU 460 With EIS Flight controls

- GDU460
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  - 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
- 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

### 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

### AVIONICS PACKAGE

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

### 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

- Heating System with Defrost
- Ventilator Adjustable 2 Place

### Powerplant and Propeller

- 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

### Product Support and Documents

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



**“When we design an aircraft, we don’t look at our heritage to check what we have already done, we look to our future to determine what we still need to do.”**

**Giovanni Pascale Langer, Managing Director**