

QUALITY AIRCRAFT SINCE 1948

TECNAM

North America

P2002

SIERRA



ADVANTAGES

- Superior Performance and Flight Characteristics • Low Stall Speed
- 22Kts Demonstrated Crosswind • Stable and Responsive
- Steerable Nose Wheel • Toe Brakes
- Excellent Visibility • Built to ASTM standards

MAIN CHARACTERISTICS / PERFORMANCE

ENGINE

Manufacturer	Rotax
Model	912ULS2/S2
Power	100 hp
Number of Cylinders	4

PROPELLER

Manufacturer	Tonini
Model	GT
Number of Blades	2
Type	Fixed

WEIGHTS

Maximum Take-off weight	1320 lbs.
Standard Equipped weight	740 lbs.
Standard Useful Load	580 lbs.
Limit Loads	+4/-2g
Ultimate Loads	+6/-3g

DIMENSION

Wing Span	28.2 ft.
Wing Area	124 sq. ft.
Fuselage Length	21.7 ft.
Fuselage Height	8 ft.
Cabin width	43 in.
Baggage Allowance	44 lbs.

SPEED

Max. at Sea Level, Gross Weight	120 kts
Cruise, 75% Power	116 kts
Vne	128 kts

STALL SPEED

Flaps up, Power off	39 kts
Flaps down, Power off	26 kts
Rate of Climb at Sea Level	1100 ft/m
Service Ceiling	14,500 ft.
Takeoff run over 50 ft. Obstacle	1020 ft.
Landing run over 50 ft. Obstacle	1070 ft.
Demonstrated crosswind	22 kts

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Standard Equipment

FLIGHT INSTRUMENTS and INDICATORS

Magnetic Compass
Airspeed Indicator - Kts
Altimeter - IN
Vertical Speed
Bank Indicator
Flap Indicator
Pitot System
Static System
Stabilator Trim Position Indicator

ENGINE INSTRUMENTS

Tachometer
Hour Recorder
Oil Pressure
Oil Temperature
Head Temperature
Fuel Pressure
Voltmeter
LH + RH Fuel Quantity

FLIGHT CONTROLS

Hydraulic Brakes
Parking Brake
Electrical Flaps
Dual Flight Controls
Steerable Nose Wheel
Stabilator Trim (electric actuated from stick)
Engine Controls
• Choke
Flight Trim Controls
Fuel Control Selector with on/off
Panel Switches
• Split Master Switch
• Avionics Master
Starter Key

ELECTRICAL SYSTEM

12 Volt 18 Amp. Hour Battery
12 Volt Alternator - 20 Amp.
Switches
• Landing Light
• Strobe Light
• Nav. Light
12 Volt Socket
Circuit Fuses Panel

FUEL SYSTEM

2 Integral Fuel Tanks (26.4 gal. total)
• Engine Driven Fuel Pump
• Auxiliary Fuel Pump
• Fuel Quick Drains
• Fuel Gascolator

INTERIOR

Pilot and Copilot Seats
• Adjustable Fore and Aft
Seat Belts and Shoulder Harness (all seats)
Wall to Wall Carpeting
Map and Storage Pockets
Luggage Compartments

EXTERIOR

Epoxy Corrosion Proofing, all structure
Sliding Canopy with Lock and Key
Rear Window
All Windows Tinted
Tie Down Rings
Main Wheels, 5.00 x 5
Nose Wheel, 4.00 x 6

EXTERIOR LIGHTS

Vertical Tail Strobe
Taxi Light
Nav. Wing Lights with Strobe
Tail Light

POWERPLANT and PROPELLER

Engines - 1 ROTAX 912ULS2 100 HP,
4 Cylinders
Liquid/air cooled
Integrated Reduction Gear
Dual Ignition System
Throttle Control LH/RH
Tubular Steel Engine Mount
Propeller - GT Propeller, fixed pitch
Propeller Spinner
Fire Sleeve on Fuel and Oil Lines
Air Filter
Oil Filter
Oil and Water Coolers
Thermostatic Oil Valve

PRODUCT SUPPORT / DOCUMENTS

Manufacturers Full 2 Year Limited Warranty
Pilot Operating Handbook
Maintenance Manual

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