### 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**: 780 lbs.
- **Standard Useful Load**: 540 lbs.
- **Limit Loads**: +4/-2g
- **Ultimate Loads**: +6/-3g

#### DIMENSION
- **Wing Span**: 28.9 ft.
- **Wing Area**: 150 sq. ft.
- **Fuselage Length**: 22.7 ft.
- **Fuselage Height**: 8.1 ft.
- **Cabin width**: 48 in.
- **Baggage Allowance**: 44 lbs.

#### SPEED
- **Max. at Sea Level, Gross Weight**: 120 kts
- **Cruise, 75% Power**: 112 kts
- **VNE**: 146 kts
- **Flaps up, Power off**: 45 kts
- **Flaps down, Power off**: 41 kts
- **Rate of Climb at Sea Level**: 900 ft/m
- **Service Ceiling**: 14,000 ft.
- **Takeoff run over 50 ft. Obstacle**: 700 ft.
- **Landing run over 50 ft. Obstacle**: 915 ft.
- **Demonstrated crosswind**: 17 kts
**FLIGHT INSTRUMENTS and INDICATORS**
- Magnetic Compass
- Airspeed Indicator - Kts
- 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 Pressure
- Oil Temperature
- Cylinder Head Temperature
- Fuel Pressure

**OTHER INSTRUMENTS**
- Voltmeter
- Ammeter
- LH + RH Fuel Quantity
- O.A.T.
- ELT AK-450 Ameri King

**FLIGHT CONTROLS**
- Hydraulic Toe Brakers
- Parking Brake
- Electric Flaps
- Dual Flight Controls
- Casting or Steerable Nose Wheel
- Stabilator Trim (electrically actuated from stick)
- Engine Controls
  - Central Quadrant with single throttle lever
  - Choke
- Flight Trim Controls
  - Stabilator (electrically actuated from stick)
- Fuel Control Selection Andair
- Panel Switches
  - Split Master Switch
  - Avionics Master
- Starter Key

**ELECTRONIC SYSTEM**
- 12 Volt 18 Amp. Hour Battery
- 12 Volt Alternator - 20 Amp.
- Switches
  - Landing Light
  - Strobe Light
  - Nav. Light
- 12 Volt Socket
- Circuit Breaker Panel

**FUEL SYSTEM**
- 2 Integral Fuel Tanks (24.3 gal. total)
- Total Capacity
  - Engine Driven Fuel Pump
  - Fuel Quick Drains
  - Fuel Gascolator

**INTERIOR**
- Pilot and Copilot Seats
  - Adjustable Fore and Aft
  - Arm Rest
- Seat Belts and Shoulder Harness (all seats)
- Wall to Wall Carpeting
- Map and Storage Pockets
- Roomy Luggage Compartments
- Heating System with Defrost

**EXTERIOR**
- Composite Fuselage and Vertical Stabilizer
- Epoxy Corrosion Proofing on all metal surfaces
- Lockable LH and RH Doors
- All Windows Tinted
- Tie Down Rings
- Main Wheels, 5.00 x 5
- Nose Wheel, 4.00 x 5

**EXTERIOR LIGHTS**
- Vertical Tail Strobe
- Taxi Light
- Nav. Wing Lights with Strobe

**POWERPLANT and PROPELLER**
- Engines - 1 ROTAX 912ULS2 100 HP, 4 Cylinders liquid/air cooled
- Integrated Reduction Gear
- Dual Ignition System
- Dual Throttle Control
- Tubular Steel Engine Mount
- Propeller - Fixed Pitch
- Fire Sleeve on Fuel and Oil Lines
- Air Filter
- Oil Filter
- Oil and Water Radiators
- Thermostatic Oil Valve

**PRODUCT SUPPORT / DOCUMENTS**
- Manufacturers Full 2 Year Limited Warranty
- Pilot Operating Handbook
- Maintenance Manual