

# 09 - JUNIOR

*"Pure freedom"*

## Technical Data

Engine	Rotax 912 ULS (100 hp)
Empty weight (standard)	245 Kg (540 lb)
Max. take-off weight	450 Kg (990 lb)
Useful load	205 Kg (450 lb)
Velocity never exceed (VNE)	150 Km/h (95 mph)
Cruise speed	100 - 120 Km/h (60 - 75 mph)
Fuel capacity	45 litres (12 gal)
Endurance	2 - 2,5 hours
Fuel consumption	15 - 20 litres/h (4 - 5,5 gal/h)
Range	250 Km (150 mi)
Take-off distance	100 metres (330 ft)
Landing distance	0 - 20 metres (0 - 65 ft)

\* Parameters determined during the flight test campaign in ISA conditions (15°C and sea level).

## Standard equipment

- Stainless steel airframe.
- Rotax 912 ULS engine of 100 hp.
- Alu/Comp 8'25m (27ft) rotor.
- DUC Windspoon three-bladed carbon fiber propeller.
- Powerful pre-rotator.
- Electro-pneumatic pitch trim and rotor brake.
- Mechanical roll trim.
- Hydraulic disc brakes with parking system.
- 45 liters (12 gal) fuel tank.
- Oil thermostat
- Stainless steel exhaust system.
- Slipping clutch in engine gear-box.

## Standard instruments

- Digital airspeed.
- Digital altimeter and vertical speed ind.
- Vertical card compass.
- Trim pressure ind.
- Rotor tachometer.
- Engine tachometer.
- Oil temp ind.
- Cylinder head temp ind.
- Oil pressure ind.
- Hour counter.

