

10 - ECLIPSE

"The best or nothing"

Technical Data

Engine	Rotax 912 ULS (100 hp)	Rotax 914 UL Turbo (115 hp)
Empty weight (Standard)	283 - 300 Kg (625 - 660 lb)	293 - 310 Kg (650 - 685 lb)
Max. take-off weight	500 Kg (1100 lb)	530 Kg (1170 lb)
Useful load	217 - 200 Kg (475 - 440 lb)	237 - 220 Kg (525 - 485 lb)
Velocity never exceed (VNE)	190 Km/h (120 mph)	
Cruise speed	150 - 165 Km/h (95 - 105 mph)	
Fuel capacity	87 litres (23 gal)	
Endurance	4,5 - 7 hours	
Fuel consumption	13 - 20 litres/h (3 - 5,5 gal/h)	
Range	640 Km (400 mi)	
Take-off distance	120 metres (400 ft) / 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

- Aeronautical AISI 4130 airframe.
- Carbon fiber cockpit, tailplane and fairings.
- Rotax 912 ULS engine of 100 hp.
- Alu/Comp. 8'5m (28ft) rotor.
- Helix H-50 three-bladed carbon fiber propeller with spinner.
- Windscreen for summer flying.
- Powerful automatic pre-rotator.
- Electro-pneumatic pitch trim and rotor brake.
- Mechanical roll trim.
- Hydraulic disc brakes with parking system.
- 87 liters (23 gal) fuel tank.
- Four-point harnesses.
- High quality upholstered seats in beige or red.
- High quality marbled interior in beige/white or black/red.
- Wide range of metallic, plain or matte colors available.
- Powerful cabin heating.
- LED landing lights.
- Strobe light in mast.
- 5v-2A USB or 12v-10A power socket in instrument panel.
- Oil thermostat.
- Slipping clutch in engine gear-box.

Standard instruments

- Digital airspeed ind.
- Digital altimeter and vertical speed ind.
- Vertical card compass.
- Trim pressure ind.
- "Kandaria EMSIS" multifunction digital instrument to control the engine parameters.
- Radio VHF TQ AVIONIK KRT2-S with pre-installed jack for music.

