

AIRPLANES 2010



CTLS[®] HL

CTLS^{HL}

Key Facts

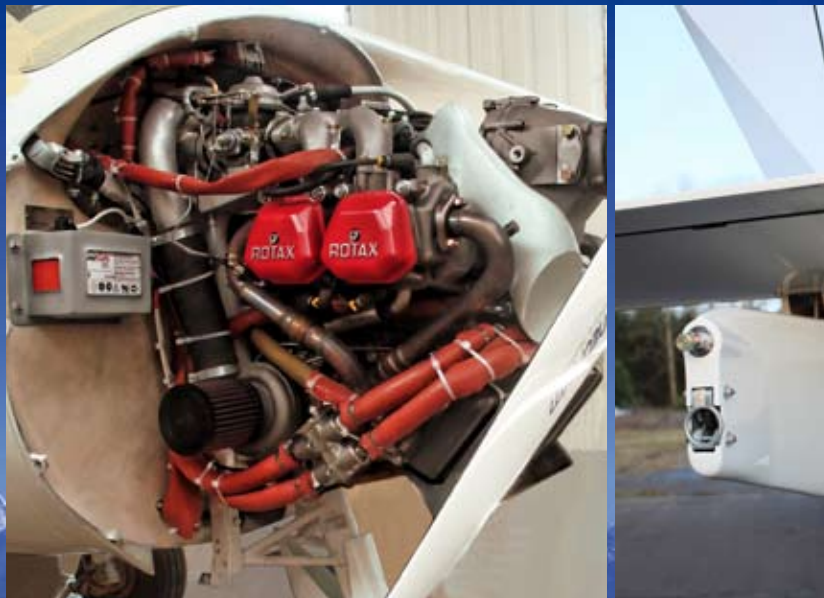
- Turbocharged Rotax 914 engine
- More wingspan - more lift - more power
- Ideal for glider towing - high altitude operation - float installation
- Well instrumented in basic configuration
- Mission optimized Avionic and Equipment Packages CLUB Analog / CLUB D 60 or ADVANCED
- Airframe emergency parachute already installed

- **600 KG CLASS** -
with ASTM declaration, EASA Permit to Fly
or EASA Type Certificate (autumn 2010)

- **Base Price € 92.612,11 without VAT**

Key Differences to Basic Model CTLS:

Rotax 914 UL (115 hp) turbocharged engine,
Wingspan and tailplane increased by 12%
Design weight 700 kg; MTOW 600 kg (650 kg with floats)



General features

Exterior

- High quality exterior finish
- Rugged undercarriage with damping composite spring bars
- Hydraulic disc brakes and qualified tires
- Steerable nose wheel with tow bar interface
- Large baggage capacity plus hat rack

Interior

- Superior overview through large window areas
- Attractive two-tone interior design
- Wide and long cabin fits tallest pilots
- Large gullwing doors
- Adjustable seats with 4-point harness
- Optionally with airbags
- Enhanced high end avionic packages
- Huge variety of cockpit options

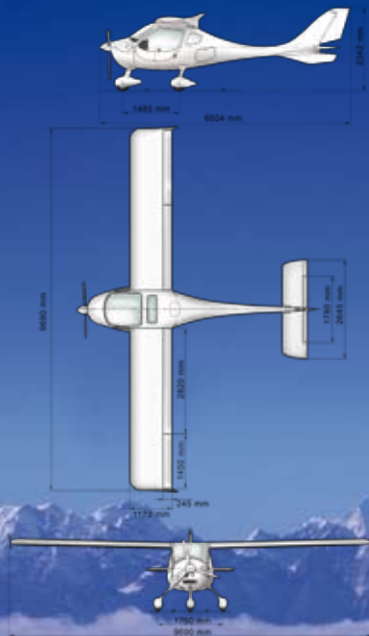
Engine

- Rotax 914 UL (115 hp) turbocharged engine, TBO 2000 hrs
- Three blade ground adjustable composite propeller, constant speed control optionally
- Optimized cooler size
- Oil and water thermostat installed
- 2 wing tanks per 65 l
- Tank ventilation through winglets
- Fuel selector valve

Systems

- Dual controls, conventional, three axis
- Three axis trim available
- Electronic flap control with pre-selection switch
- Mission dependent airframe emergency parachute included (suitable for MTOW 600 or 650 kg)





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Performance at MTOW		600 kg (no floats)	
<small>Note: all data engineering data, flight test confirmation pending</small>			
VH: maximum horizontal speed	240	km/h	130 kt
VNE: maximum permissible airspeed (red line)	270*	km/h	146 kt
Take-off run (flap +15 degree)	180	m	590 ft
Take-off distance over 15 m obstacle	390	m	1280 ft
Max. range (30 min reserve)	1700	km	920 NM
<small>* The never-exceed speed (VNE) limit is defined by the capabilities of the rescue system</small>			
Weights, Dimensions and Capacities			
typical empty weight (LSA version, well equipped, incl. rescue system)	350	kg	771 lb
with floats (availability not yet scheduled)	395	kg	870 lb
Max. take off weight	600	kg	1320 lb
with floats (availability not yet scheduled)	650	kg	1430 lb
Fuel capacity	130	l	34,3 US Gal
Occupants : 2 x max.	120	kg	265 lb
Luggage : 2 x max.	25	kg	55 lb