

## SPECIFICATIONS

### BW 600RG 912 iS (100hp)

VNE IAS	168 knots (311 km/h)
CRUISE SPEED 75%	150 knots (278 km/h)
STALL SPEED	35-38 knots (65-70 km/h)
FUELTANK	140 liter (10h range)
TAKEOFF DISTANCE	290 meter
LANDING DISTANCE	300 meter
CLIMB RATE	1500 ft/min (7.6 m/s)
CABIN WIDTH	1.21m (47.5")
LUGGAGE	25 kg, (300 L)
MAX TOW	472.5-600 kg
EMPTY WEIGHT	297.5-350 kg
WINGSPAN / AREA	8.4 m (27.5 ft)
LOADFACTOR	+4.4 / -2.2 G
ENGINE	Rotax 912 iS

### BW 635RG 915 iS (141hp)

VNE IAS	200 knots (370 km/h)
CRUISE SPEED 65%	185 knots (343 km/h)
STALL SPEED	38 knots (70 km/h)
FUELTANK	140 liter (5h range)
TAKEOFF DISTANCE	150 meter
LANDING DISTANCE	300 meter
CLIMB RATE	2000 ft/min (10.2 m/s)
CABIN WIDTH	1.21m (47.5")
LUGGAGE	25 kg, (300 L)
MAX TOW	600 kg
EMPTY WEIGHT	370 kg
WINGSPAN / AREA	8.4 m (27.5 ft)
LOADFACTOR	+5.0 / -3 G
ENGINE	Rotax 915 iS



**BLACKWING**  
SWEDEN

# THE ULTIMATE SAFE AND EXHILARATING FLYING EXPERIENCE



**BLACKWING**  
SWEDEN



# LIGHTER FASTER STRONGER

# WORLD SPEED RECORD

## 600kg category

BLACKWING, the only 3rd generation microlight with a type certificate in the 600kg category. With retractable gear, constant speed propeller, 140 liter fuel, 25 kg luggage, and an fully equipped glass panel, BLACKWING can still be operated within the weight limits, fulfilling these new regulations.

## Performance

Normal cruise speed for the BW 600RG is 150kts true airspeed and for the BW 635RG 180-190kts at FL95..

## What a pilot's dream is made of..

**BLACKWING** has designed one of the best composite sport planes available on the market. This is achieved using state of the art simulation tools for design, aerodynamics, and structural calculations. The wing is designed for 10g with a maximum turbulence speed of 156 kts (288km/h).

### Textreme by Oxeon AB and core material by DIAB

We manufacture the BLACKWING aircraft, in the same manner and with similar quality control as Airbus and SAAB aircraft, using Formula One technology. We make all carbon fiber parts in-house, including the wing-spar and landing-gear, with full traceability. We use Textreme prepreg carbon fiber, with 15% higher strength and core material from DIAB, that can withstand the pressure and the heat in the manufacturing process.



## FAI Worldspeedrecord holder in the 600kg class RAL2T.

The BLACKWING aircraft has a top speed of more than 200 knots (370 km/h).

The innovative concept of the BLACKWING sports aircraft is based on over 20 years of research in high-per-formance aerodynamics. It possesses outstanding flight characteristics and is suitable for basic flight training as well as advanced flying.



## Sales and inquiries

We have the possibility to offer a bank warranty (100% secured money by the bank) for an order of a BW600RG aircraft. BLACKWING also offers a leasing alternative, together with a partner for our German and Swedish customers.

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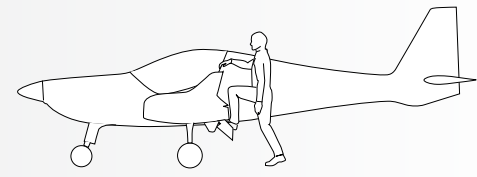
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# BLACKWING



## Integrated wing-step

The wing-step in combination with the low-cut canopy makes it easier to enter the aircraft.

## Safety

BLACKWING is equipped with a BRS, ballistic rescue system, for the whole airplane.

Kevlar bridles are laminated into non-structural channels, in the fuselage, during the manufacturing process.



## Fuel cap

The 140 liter anti-explosive fuel bladders in combination with lifetime teflon fuel hoses, Andair fuelpumps and Andair fuelselector, makes the fuel-system almost maintenance free.

# FEATURES



Unique visibility due to a low-cut canopy. The generous cabin for pilots up to two meters tall has adjustable pedals with incorporated breaks and sporty seats with Naca memory foam - also adjustable, up and down.

Large luggage compartment with safety net. Foldable seats for easy access.

Spin safe horizontal tail design

AVEO professional developed lights are totally integrated in the tail and in the winglets.

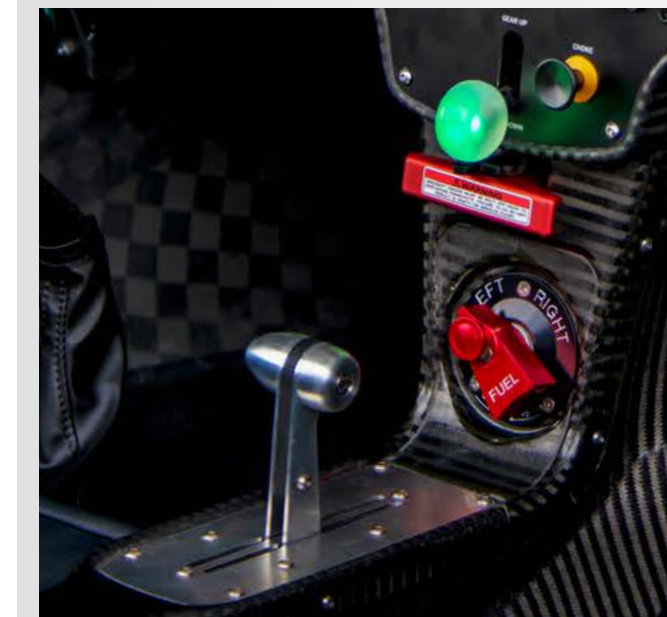
Single lever power control system reduces the pilot's workload during all phases of flight, and optimizes the engine's fuel consumption.

Attached to the nosegear is one of the most powerful lights on the market, the Hercules 30.

140l anti explosive safety bladder wingtank

Unique specially developed airfoil provides forgiving flight characteristics and predictable stall behavior even in heavy rain or with bugs.

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## Panel

Garmin avionics in combination with an EASA certified wiring harness provide you with the best system on the market. The digital fusebox and the single power lever result in high safety in the cockpit with integrated flap and gear warning systems.

## Retractable gear and breaks

The Beringer oversized wheels are well known for its outstanding reliability and good performance. The gear works well on grass-fields and the individual toebrakes give you full control.

