

## AIRFRAME & POWERPLANT

- Carbon fiber composite two-seat high wing aircraft
- Tricycle fixed landing gear with steerable nose
- All terrain wheels and suspension
- Rotax 912-914 80-115 hp 4 cylinder liquid/air cooled
- Tubular steel engine mount
- 4 rubber engine mounts
- Two or Three-blade adjustable propeller
- Carbon fiber blades
- Carbon fiber propeller spinner

## STANDARD AVIONICS

The aircraft is engineered to accomodate a broad spectrum of both analogue and digital instruments, encompassing various modern equipment aimed at reducing the pilot's workload. These include autopilots, traffic awareness systems, advanced navigation units etc.

## FLIGHT CONTROLS

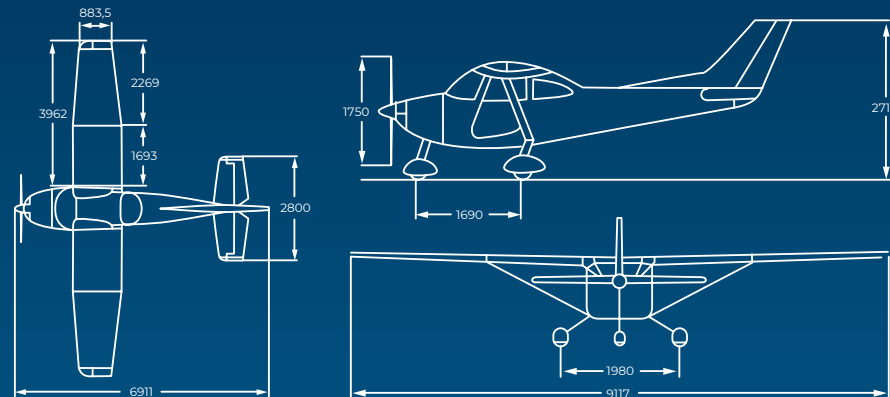
Dual Flight controls – Anatomically shaped control yoke with PTT and Trim control · Central control console with Throttle and Brake levers choke etc. · Electric elevator trim control with indicator · Electric flaps with indicator

## ELECTRIC SYSTEM

A 12 V / 8 Ah battery, sturdy and reliable switching elements, each appliance appropriately secured with its own fuse/circuit-breaker

## FUEL SYSTEM

100 liters capacity in total, Engine driven fuel pump, Gascolocator, Electric Auxiliary Fuel Pump



## INTERIOR & SAFETY FEATURES

- ELT Ballistic rescue system
- Sport or comfortable safety seats with 4-point harnesses for the pilot and co-pilot
- Length and height adjustable seats
- Head rests
- Light grey or carbon instrument panel
- Leather upholstery
- Footwall side wall finish in front runner
- Two-zone flap-controlled fresh air (cold) ventilation
- Front anti-fog ventilator
- Large luggage compartment with carpet
- Roof panel for cabin interior

## EXTERIOR

Cabin easily accessible thanks to the generously sized locable gull-wing style doors on either side, Steerable nose wheel, Tie down rings on both wings and fuselage rear

## PERFORMANCE

$V_{NE}$ : IAS 250 km/h (135 kt) Cruise Speed  $V_H$ : 227 km/h (122, 5 kt), Stall speed  $V_{SO}$ : 70 km/h (37,8 kt), Endurance: 6 hours  
Range: 1200 km (745 m), MTOM: max 600 kg, Load Factor +4/-2

## ORLIČAN SUPPORT

2 years or 100 hour flying manufactures warranty within the EU, 1 year and 100 flying hours outside EU, Document supplied with aircraft – printed POH, Electronic AMM and illustrated spare parts catalogue



DARE TO BUILD

# YOUR OWN AIRPLANE

Do not hesitate to contact us  
with any question or idea you might have.  
We can customize your airplane and create  
an original set up to make it your own only.

Upon your request we can price  
your unique ideas, set ups and equipment.

## ORLIČAN S. R. O.

Londýnská 376/57  
120 00 Prague 2 – Vinohrady  
Czech Republic

## CONTACT

bervid@orlican.cz  
+420 605 231 920  
www.orlican.cz

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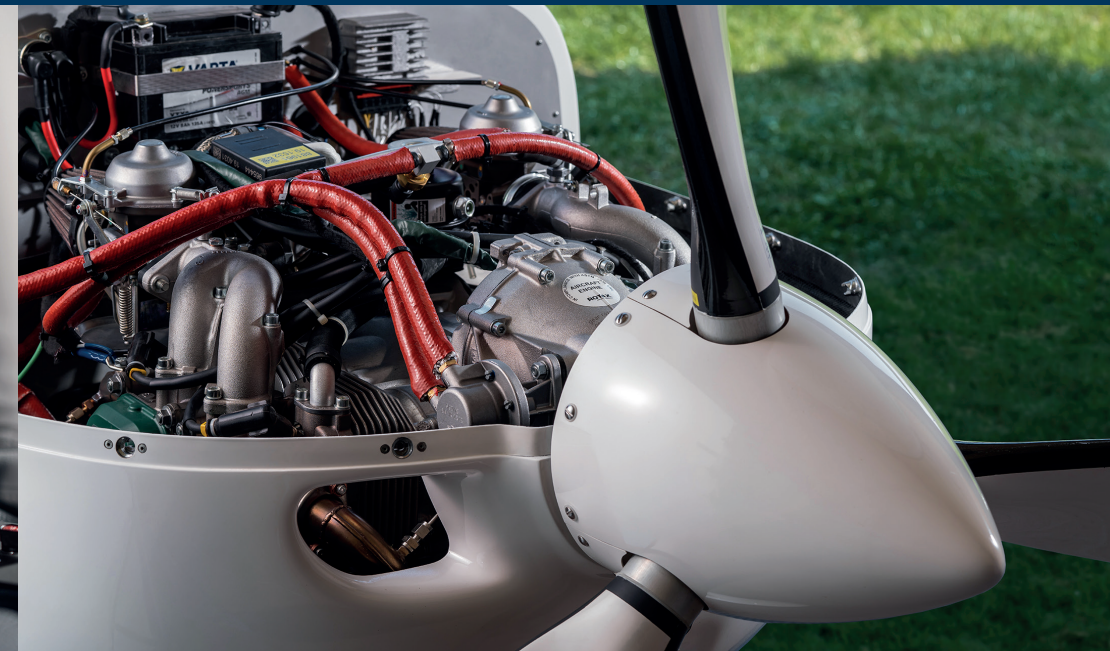
# M-8 EAGLE



ORLIČAN



# JOIN US IN CELEBRATING THE COMPANY'S 90TH YEAR OF EXISTENCE



## HOW IT STARTED

The Company ORLIČAN Ltd. stands on the tradition of a small aircraft production in Czech Republic. The original company was founded by Ing. Beneš and Ing. Mráz in 1935. The factory was later nationalized by the government and since 1955 it has been known as Orličan national company. In the nineties, after the Velvet revolution and the collapse of the national company, a new company Schempp-Hirth

Ltd. aircraft manufacturing was reborn and established from the Orličan's air division. That happened in collaboration and support of the famous German aircraft manufacturer Schempp-Hirth Flugzeugbau GmbH. This transition was done seamlessly without interruption to any production program. The manufacturing of all-composite gliders is still current today.

## TODAY

ORLIČAN Ltd. was re-established in the autumn of 2014, with the sole support of employees and customers of the original company. New strategies were adapted and many things have changed as generations come and go. But we

are proud to return to the original name and also to the tradition of Mr Benes and Mr Mráz have established years back. Not only we pay high respect to this rich heritage but we are bearing the corresponding responsibility.



## SAFE PRODUCTION

- Highest build quality – Certified production EASA Certificate CZ.21G.0060
- CNC technologies
- Sandwich-structured carbon composites materials
- Airplane production inspected by Digital robotic x-ray scanning
- Certified TIG welding

## OWN RESEARCH & DEVELOPMENT

with 90 YEARS experience of Engine powered aircrafts and gliders