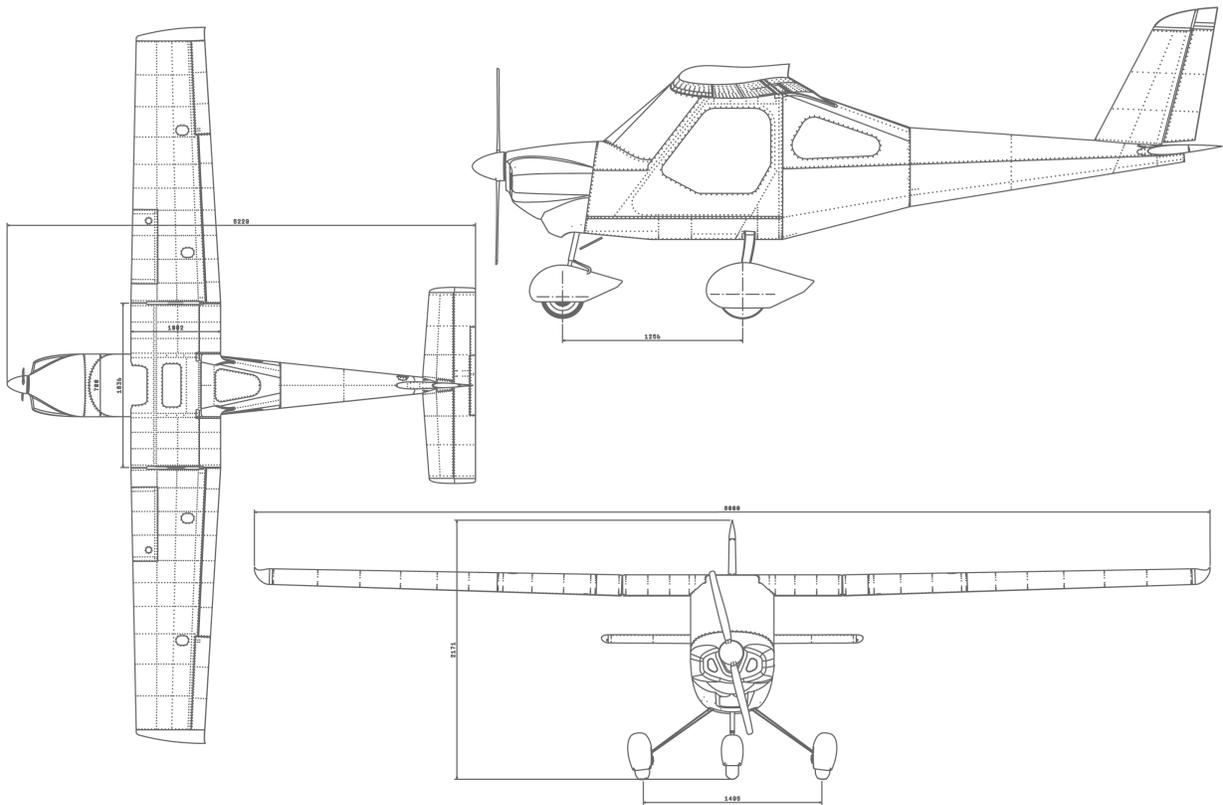


MERLIN



Description

Single-seat, single-engine high-wing (no struts) **air plane**. Front-wheel (steerable) nonretractible undercarriage. Horizontal tail unit is mounted on the rear fuselage. Full metal (Al 6061) airframe, fibreglass main landing gear leg.

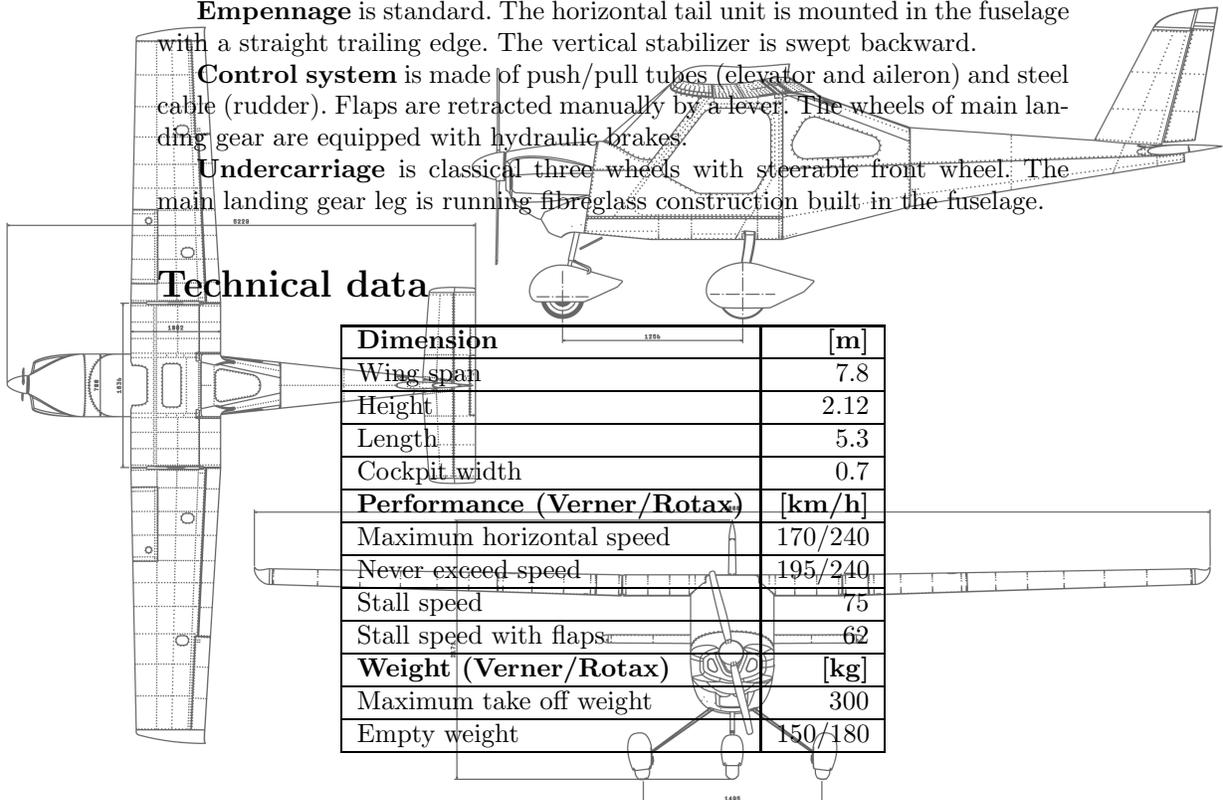
The trapezoidal **wing** is twisted both aerodynamically and geometrically. The two-spars construction is supplemented with two longitudinal stringers. Transverse construction consists of ribs. The wing is equipped with slotted flaps and ailerons on the trailing edge and integral fuel tanks in the leading edge. Installing the wing to the fuselage is realized by means of a centre wing section (firmly embedded in the fuselage) and beam hangers.

Fuselage is of a rectangular shape with round edges in the engine and cabin areas. The rear part is round. Construction is half-shell structure with longitudinal stringers and bulkheads.

Empennage is standard. The horizontal tail unit is mounted in the fuselage with a straight trailing edge. The vertical stabilizer is swept backward.

Control system is made of push/pull tubes (elevator and aileron) and steel cable (rudder). Flaps are retracted manually by a lever. The wheels of main landing gear are equipped with hydraulic brakes.

Undercarriage is classical three wheels with steerable front wheel. The main landing gear leg is running fibreglass construction built in the fuselage.



Order now!

What kind of Merlin to order? This guide will help you to decide:

Merlin KIT 10

All the parts in final shape and riveting holes are pre-drilled. Wing's main spar pre-assembled. No engine and engine mount. No paint, but part surface protection included. No instruments.

Merlin KIT 20

Sub-assemblies are riveted. Time to finish the airframe: 50 working hours. All parts are protected by paint. No engine and engine mount. No instruments.

Merlin KIT 30

Sub-assemblies + the main airframe parts (with the skin) are riveted. All parts are protected by paint. No engine and engine mount. No instruments.

Merlin KIT 35

Airframe is riveted, includes the control installations (pull/push tubes and rudder cord). No camouflage. No engine and engine mount. No instruments.

Merlin KIT 40

Airframe is riveted, includes the control installations. Camouflage according to your wishes (basic paint free, special colour scheme on request). No engine and engine mount. No instruments.

Merlin KIT 49

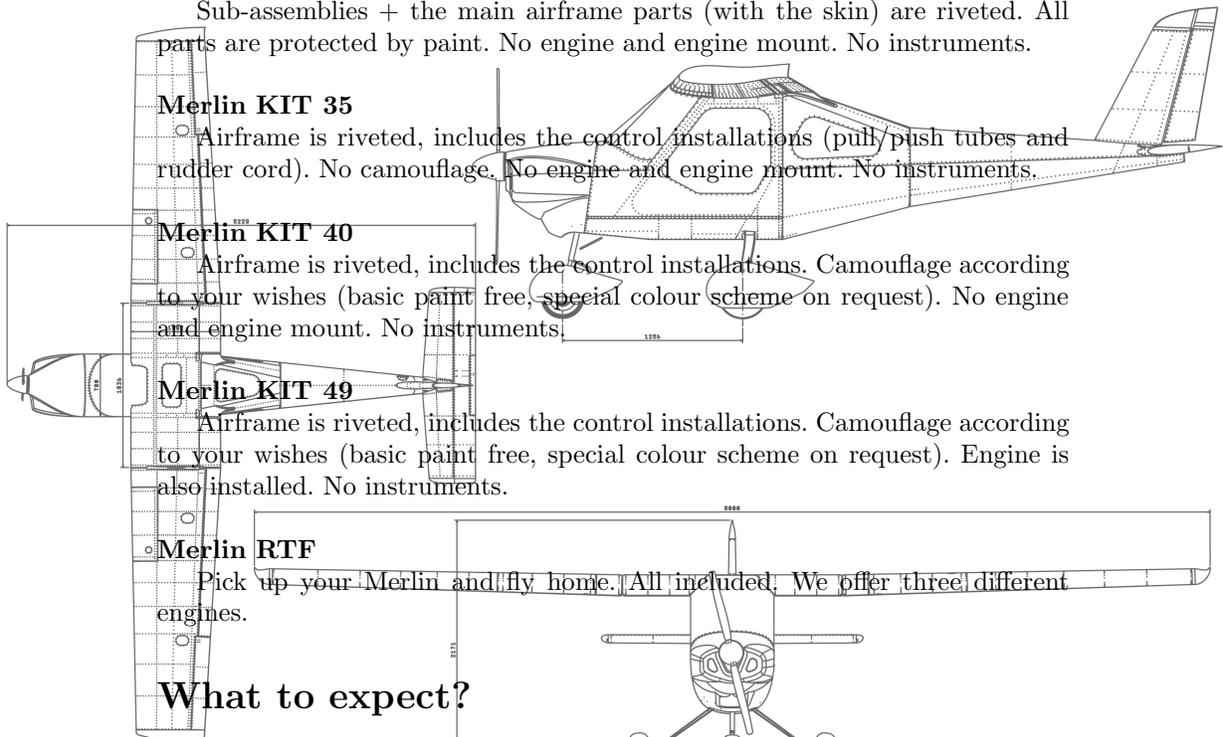
Airframe is riveted, includes the control installations. Camouflage according to your wishes (basic paint free, special colour scheme on request). Engine is also installed. No instruments.

Merlin RTF

Pick up your Merlin and fly home. All included. We offer three different engines.

What to expect?

The KIT includes connection material (rivets, bolts, nuts) and all the parts to make full airframe (please see details about engine and engine mount). The RTF (Ready To Fly) does includes only basic instruments: airspeed, altitude, vario, compass, radio and engine instruments.



Prices

All prices do not include tax nor transportation.

The price for non-certified airplane and the dealers prices are as follows:

Merlin	Price [EUR]
KIT 10	5.900
KIT 20	7.400
KIT 30	8.200
KIT 35	9.200
KIT 40	10.400
KIT 49	14.000
RTF Verner	15.500
RTF Rotax	19.500

The price will increase after the certification. Prices above are valid as of April 2013.

Customization

We encourage you to modify your Merlin as much as you like. You want different engine? Larger fuel tanks? Or perhaps you dream of glass cockpit? How about larger wheels or rescue system?

Let us know, what are your wishes and discuss the possibility to make them come true.

Contact

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