

# FKS MARK VI



**FK AIRCRAFT**

# FK9 MARK VI

*The FK9 Mk VI is a versatile high-wing cruiser and trainer aircraft, allowing the pilot a comfortable and safe flying experience.*

The FK9 offers winglets that lowers fuel consumption while helping to improve stall speed handling - a major point to meet the US LSA requirements when flying with the increased MTOW for the Fk9.

Full carbon flaps actuated by a switch in the center console allowing a fast and easy operation. An optimized engine cowl is minimizing drag while providing highest cooling efficiency – important for glider tow service.

The new Mk VI version features a significant increased cockpit space including a total width of 1,2m!

With its wide doors, ergonomic seats and large baggage compartment, the FK9 is designed to compete with most modern high wing composite aircraft.

It is available in a tri-gear or taildragger configuration.

## COCKPIT

- Hydraulic disc brake system with parklock
- Movable seatbacks, adjustable in position and angle
- Side air vents in both cockpit doors
- Roof air vents in wing leading edge
- Additional pockets on both cockpit sides
- Control system as stick or yoke version available

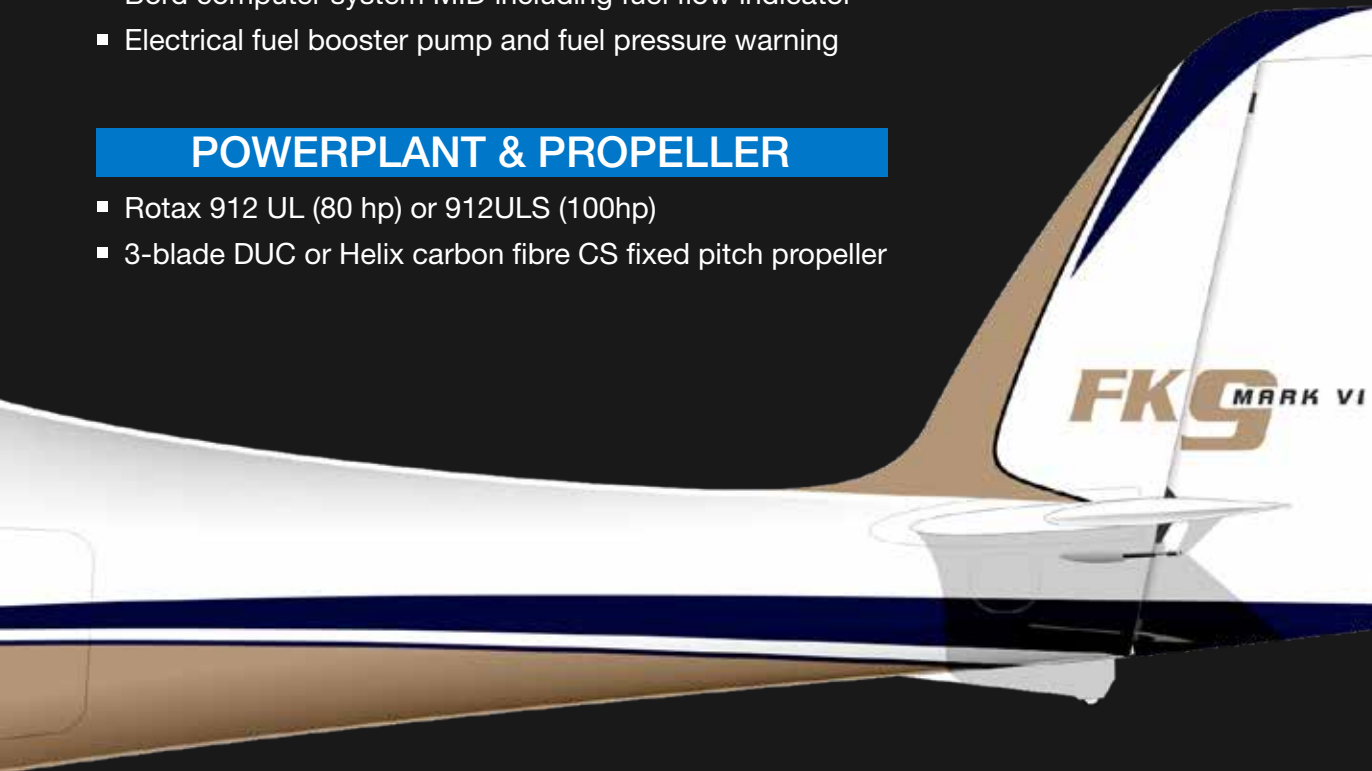


## SYSTEMS

- Electrical operated flaps
- Electrical flap position indicator
- Bord computer system MID including fuel flow indicator
- Electrical fuel booster pump and fuel pressure warning

## POWERPLANT & PROPELLER

- Rotax 912 UL (80 hp) or 912ULS (100hp)
- 3-blade DUC or Helix carbon fibre CS fixed pitch propeller



## PANELS

- Air speed indicator
- Altimeter (5000 ft)
- Compass
- Slip Indicator
- Oil pressure and oil temperature
- CHT
- RPM indicator gauge



## TECHNICAL SPECIFICATION

### DIMENSIONS

Wing span	9,14 m
Length	6,2 m
Height	2,4 m (trigear version)

### WEIGHTS

Empty weight in base configuration	278 - 330 kg
Ultimate loads	+6,0 g / -3 g
Max. take off weight.	472,5 - 600 kg

### PERFORMANCE

performance depending on MTOW, engine and propeller type

Vne	230 km/h
Vstall	64 - 73 km/h
Cruise (75%)	194 km/h - 201 km/h
Best climb / at	1000 - 1500 ft/min @ 95 km/h

### FUEL

Total capacity	60 - 110 ltr
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## AIRFRAME

- Airframe in composite mix structure
- Inspection door integrated in engine cowl
- Mechanical elevator trim
- 60 ltr fuselage fuel tank with electric level indicator and drain vent. (or optional 110ltr wingtanks)
- Luggage compartment with external access door
- Cabin door lock
- Aerodynamic fairing set for wingstruts and intersections
- Wheel fairing set
- Formed plexi-front canopy
- Basic coloration white including 2 color decoration set

# MANY OPTIONS AVAILABLE



**FK AIRCRAFT**

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