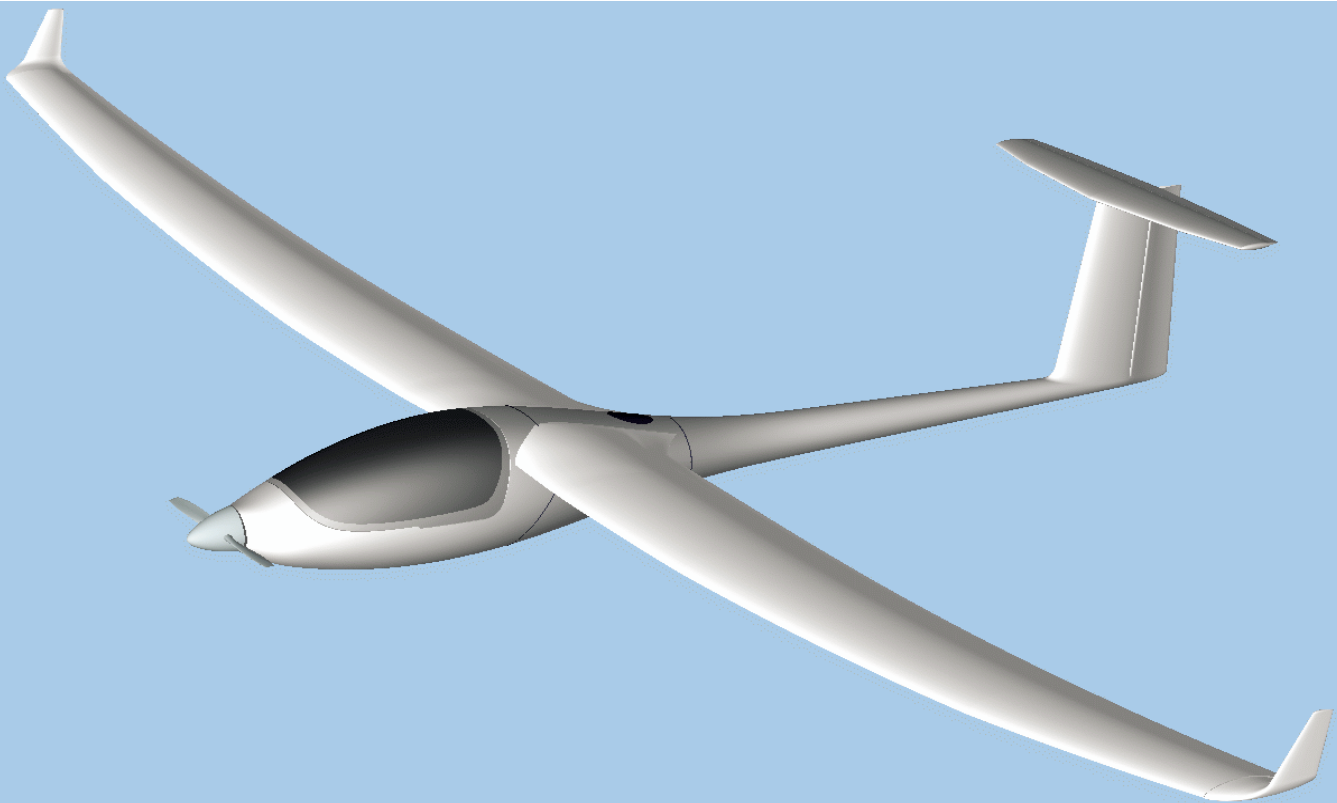
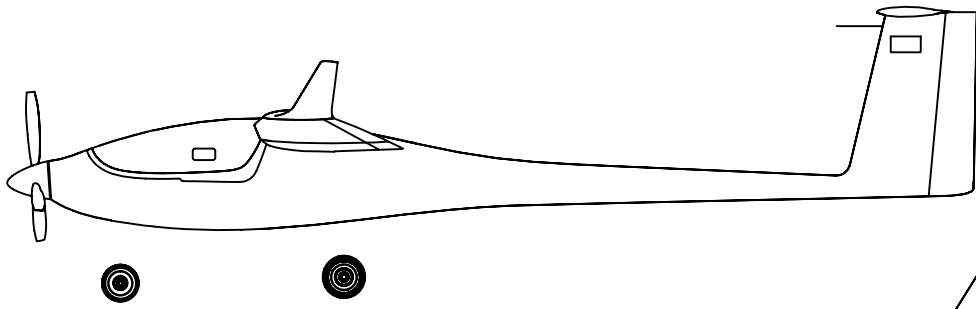


STEMME

STEMME S6

the soaring motor glider



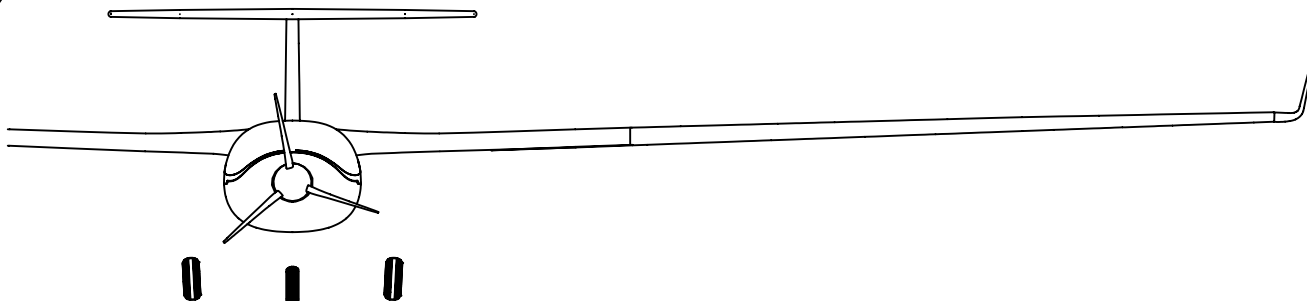
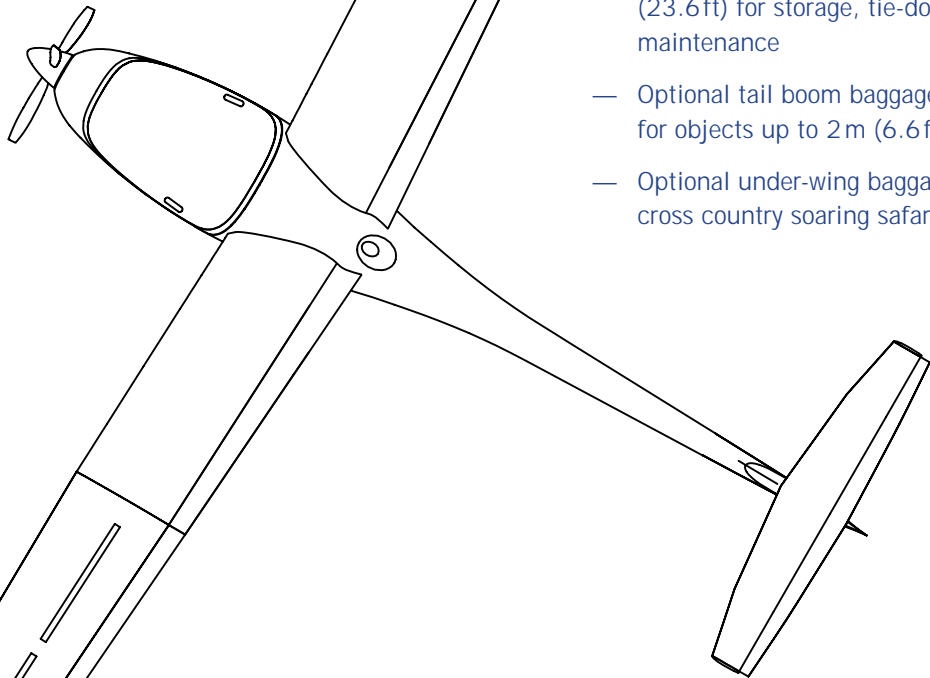


Models

- S6 100hp MTOP, fixed landing gear, MTOW 850 kg (1,874 lbs)
- S6R 100hp MTOP, retractable landing gear, MTOW 850 kg (1,874 lbs)
- S6T 115hp MTOP turbocharged engine, fixed landing gear, MTOW 850 kg (1,874 lbs)
- S6RT 115hp MTOP turbocharged engine, retractable landing gear, MTOW 850 kg (1,874 lbs)

Basic Options

- Three-blade constant speed propeller to tow sailplanes weighing up to 750 kg (1,653 lbs) and to reduce noise operation
- Towing equipment with electric rewind winch
- Two 70l (18.4 USgal) wing fuel tanks (Total capacity 140l [36.9 USgal])
- Folding outer wings by one person in five minutes reduces span to 7.2 m (23.6 ft) for storage, tie-down, taxi and maintenance
- Optional tail boom baggage compartment for objects up to 2 m (6.6 ft) long
- Optional under-wing baggage pods for cross country soaring safari flight



STEMME S6 the soaring motor glider

Best value for the discriminating sailplane pilot

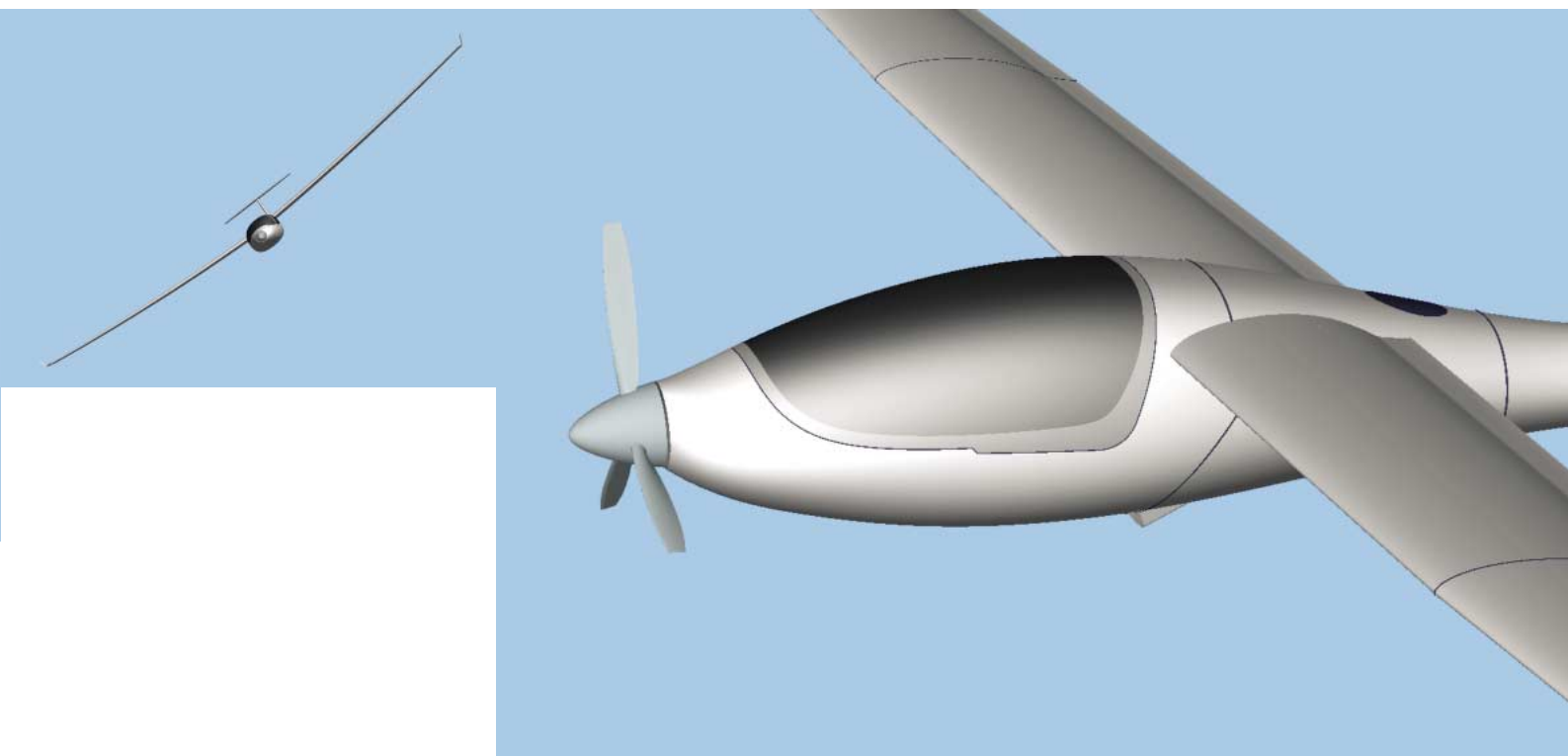
- Feathering propeller and lack of frontal cooling intakes minimize drag while soaring.
- Best glide ratio of 39:1 with retractable landing gear (33:1 with fixed landing gear).
- Positive flap settings and moderate wing loading of 37.5 kg/m^2 (7.7 lbs/ft^2) (single pilot) provide true soaring performance, even traveling upwind in narrow and weak thermal lift.
- Negative flap settings yield high air-speeds when dashing between thermals.

A class of its own in powered flight

- Cruise at 280 km/h (151 kts) with retractable landing gear (267 km/h [144 kts], fixed landing gear), resp. 318 km/h (172 kts) TAS with turbo charger.
- Perform easier sailplane towing in an aircraft that shares flying characteristics, while equipped with a powerful 115hp turbo-charged engine and three blade constant speed propeller.

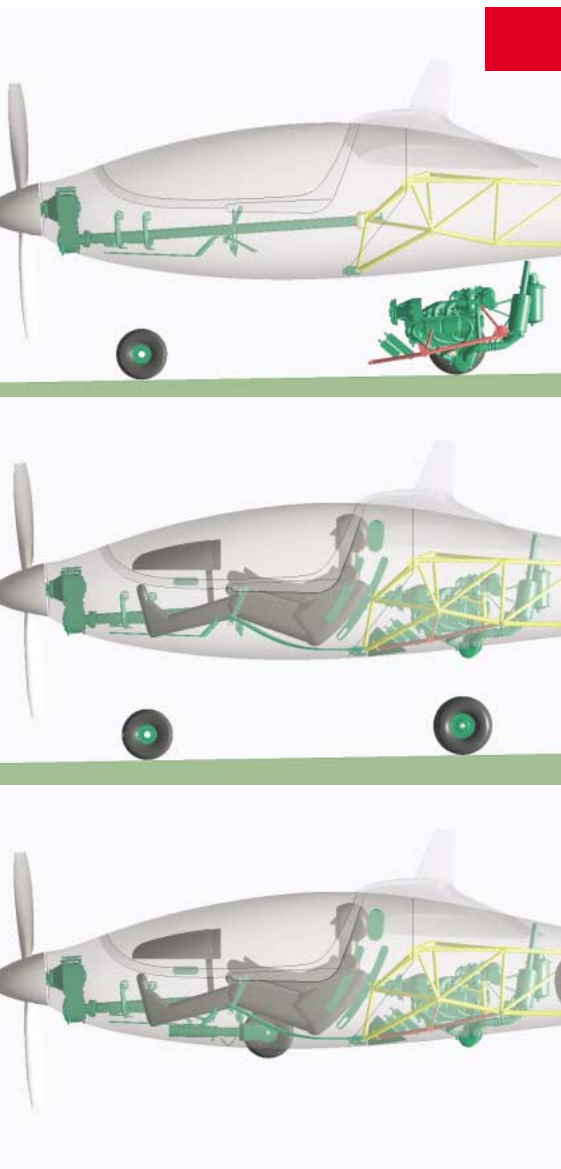
Ideal for clubs and commercial operators

- Combination tow-plane and sailplane makes for scheduling flexibility.
- Robust construction and attractive soaring performance will make this your favorite club aircraft.
- Ideal for training with side-by-side seating, excellent ground handling, docile flying qualities, nose wheel steering, rugged energy absorbing landing gear, and docile stall characteristics.
- State-of-the-art safety cockpit with twice the strength required by certification rules.
- Low operating costs and miserly fuel consumption of only 13 l/h at 185 km/h (3.4 USgal/h at 100 kts).
- Reduced noise signature with three blade propeller meets the most stringent noise restrictions.
- Lower canopy frame provides easy entry to and exit from reclined sailplane-like seated position.



Technical data S6 the soaring motor glider

see also STEMME innovations



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