



DG Flugzeugbau

DG-1001 Club



..... *state of the art double-seater for training, aerobatics and many more*

- Automatic control hook-ups
- State of the art air foil insensitive to bugs and rain
- Fin ballast box (in series) allows a perfect and constant CG with instructor as well as solo
- Ballast box in the front cockpit allows single flights for very light pilots (e.g. 55 kg)
- The height adjustable rear seat allows best visibility and comfort for tall as well as for small copilots and instructors
- State of the art safety cockpit
- The optional wing parting allows to retrofit 20 m wingtips. Together with a water ballast and the retractable landing gear you can convert this basic trainer step by step into a 20 m high performance sailplane
- The robust, spring mounted fixed landing gear incl. nose- and tail-wheel combines easy ground handling with high safety. The fixed landing gear can be converted into a retractable landing gear to improve performance
- Gentle, non-critical flight characteristics
- Certified for unlimited aerobatics. That proves the glider's enormous strength and quality



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..... Technical Details

Span

- wing span
- wing area
- length
- fuselage height
- fuselage width
- tall plane span
- certified for

- max. masse category U (incl. optional water ballast)
- max. wing loading
- max. mass category U
- empty weight (incl. basic instruments) approx.
- min. wing loading (with 80 kg payload) approx.
- sink rate (single-seated)
at
- stall speed (mass 550 kg)
- best glide ratio (mass 750 kg) approx.
at
- max. speed

18 m

16,72 m²

19,38

8,57 m

1,0 m

0,73 m

3,2 m

category U, simple aerobatics
category A, unlimited aerobatics

750 kg

44,9 kg/m²

630 kg

411 kg

29,4 kg/m²

0,62 m/s

84 km/h

67 km/h

41

100 km/h

270 km/h