

BGA glider data sheet - DG 202-17C (Carbon fibre version)

See separate sheet for Glass fibre versions (DG 200/202-15 & 17)

Data source: Manufacturer's flight & maintenance manuals updated with TN 323-15

Manufacturer: Glaser-Dirks Flugzeugbau GmbH Web site dgflugzeugbau.de

UK Agent: UK Agent: Navboys Web site www.Navboys.com Tel:- 01264 981934

Link to mandatory mods: <http://www.dg-flugzeugbau.de/tech-mitteilungen-e.html>

Weighing Data:

| | | Kg | Pounds |
|---|-----|---------|--------|
| Max weight with water | 15M | 480 | 1058 |
| | 17M | 450 | 992 |
| Max weight of non lifting components | 15M | 240 | 529 |
| | 17M | 236 | 520 |
| BGA concession non-aerobatic max weight of non lifting components [+5%] | 15M | 252 | 555 |
| | 17M | 248 | 546 |
| Max pilot weight (seat load) | | 110 | 242 |
| Max weight in baggage compartment | | 15 | 33 |
| | | mm | Inches |
| Forward C of G limit (aft of datum) | | 230 | 9.06 |
| Aft C of G limit (aft of datum) | | 385 | 15.16 |
| Pilot position (forward of datum) | | 560-580 | 22-23 |

Control deflections in mm

| | Up | Down | Distance - hinge to measuring point |
|---|---------------------|------|-------------------------------------|
| Ailerons | 42±3 | 21±3 | 123 |
| Elevator | 57±1 | 48±1 | 150 |
| Flap±12° | 30±3 | 30±3 | 145 |
| Rudder | Left & right 243±10 | | 460 |
| Controls max free play (controls central) | | | |
| Aileron 2mm total with other aileron fixed. | | | |
| Flap 3mm total with other flap fixed. | | | |
| With one aileron fixed 3mm total at top of stick. | | | |
| With elevator fixed 3mm total at top of stick. | | | |
| Rudder vertical play 0,5mm. | | | |

Longitudinal datum: Wing root LE

Horizontal datum: Top of rear fuselage 1000:36.7 rear down

Maximum speeds

| | Knots | Kph |
|-----------|-------|-----|
| VNE | 146 | 270 |
| Rough air | 103 | 190 |
| Manoeuvre | 103 | 190 |
| Aerotow | 103 | 190 |

| | Knots | Kph |
|------------------|-------|-----|
| Winch / auto tow | 70 | 130 |
| U/C down | 103 | 190 |
| Flaps +4 & +8 | 103 | 190 |
| Landing flap | 80 | 150 |

| VNE at altitude | Knots | Kph |
|-----------------|-------|-----|
| 0-6600 feet | 146 | 270 |
| 6600-10 000 | 138 | 256 |
| 10 000-13 000 | 131 | 243 |
| 13 000-16 000 | 124 | 230 |
| 16 000-20 000 | 117 | 218 |

Max winch weak link: 600 Kg (Tost blue)

Tyre pressure: Main 42 psi (3 bar), rear 28 psi (2 bar)

Semi aerobatic only in 15 meter span without water only. Cloud flying permitted.

With a standard 2.2 Kg weight on the right of the panel, min cockpit weight is reduced 3.6 Kg (8 lb).

Span 15 or 17 meters

This sheet compiled by: Tim Macfadyen Date: 8 Feb 2008

Updated 18 Oct 2021: UK agent changed