

BGA glider data sheet - Standard Libelle (Glasflügel 201B)

Data source : Manufacturers' handbook

Date of issue:

Manufacturer: Glasflügel

Web site:

Phone:

Fax:

Agent: H G Streifeneder, Glasfaser-Flügezeug-Service, Brühlstrasse 12, 7318-Lenningen 2, Germany

Link to mandatory mods:

Weighing Data:

| | Kg | Pounds |
|---|-------------|-------------|
| Max weight (dry) without ballast tanks | 315 | 695 |
| Max weight (dry) with ballast tanks | 320 | 705 |
| BGA concession non-aerobatic max weight (dry) [+3%] | 325/ 329 | 716/ 726 |
| Max weight with water | 350 | 772 |
| Max weight of non lifting components (everything except wings) | 210 | 462 |
| BGA concession non-aerobatic max weight of non lifting components [+5%] | 221 | 486 |
| Max pilot weight (seat load) | 110 | 242 |

mm Inches

| | | |
|-------------------------------------|-----|------|
| Forward C of G limit (aft of datum) | 245 | 9.6 |
| Aft C of G limit (aft of datum) | 350 | 13.7 |
| Pilot position (forward of datum) | 420 | 16.5 |

Longitudinal datum: Wing root LE

Horizontal datum: Rear fuselage top 1000:70 tail down

Control deflections in degrees

| | Up | Down | Distance - hinge to measuring point | Max free play |
|----------|--------------------|---------------------|-------------------------------------|---------------|
| Ailerons | 20° ±1° | 11° ±1° | | |
| Elevator | 18° ±1° | 18° ±1° | | |
| Rudder | Left 25° ±1° | Right 25° ±1° | | |

Maximum speeds

| | Knots | Kph |
|-----------|-------|-----|
| VNE | 124 | 230 |
| Rough air | 92 | 170 |

| | Knots | Kph |
|------------------|-------|-----|
| Aerotow | 81 | 150 |
| Winch / auto tow | 65 | 120 |

Max winch weak link: White (BGA Blue)

Tyre pressure: 26 psi (2,5 Bar)

Semi aerobatic (without water-ballast). Cloud flying permitted

Notes: -

This sheet compiled by: Tim Macfadyen

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