

## BGA glider data sheet - K 2 & Ka2b

Data source: The world's Sailplanes Vol 1 & BGA data sheet

Date of issue: 1962

Manufacturer: Schleicher

Web site:

Phone:

Fax:

UK Agent: Peter Wells

E Mail: [zuluglasstek@clara.net](mailto:zuluglasstek@clara.net)

Phone: 01844 208 157

Link to mandatory mods:

Fax: 01844 201 028

URL : [http://www.as-segelflugzeuge.de/englisch/e\\_main.htm](http://www.as-segelflugzeuge.de/englisch/e_main.htm)

### Weighing Data:

### Control deflections in mm

|                                              | Kg  | Pounds |
|----------------------------------------------|-----|--------|
| Max weight Ka2                               | 460 | 1014   |
| BGA concession non-aerobatic max weight Ka2  | 474 | 1045   |
| Max weight Ka2b                              | 480 | 1058   |
| BGA concession non-aerobatic max weight Ka2b | 494 | 1090   |
| Max pilot weight (seat load)                 | 100 | 220    |

|          | Up                 | Down                | Distance - hinge to measuring point | Max free play |
|----------|--------------------|---------------------|-------------------------------------|---------------|
| Ailerons | 135<br>±10         | 65<br>±10           | 260                                 |               |
| Elevator | 160<br>±10         | 160<br>±10          | 470                                 |               |
| Trim     |                    |                     |                                     |               |
| Rudder   | Left<br>350<br>±30 | Right<br>350<br>±30 | 750                                 |               |

mm      Inches

|                                         |      |     |
|-----------------------------------------|------|-----|
| Forward C of G limit (aft of datum)     | 115  | 4.5 |
| Aft C of G limit (aft of datum)         | 244  | 9.6 |
| Front pilot position (forward of datum) | 1041 | 41  |
| Rear pilot position (forward of datum)  | 0    | 0   |

Longitudinal datum: Wing rib 2 LE .

Horizontal datum: Underside of rib 3 horizontal

### Maximum speeds (Equivalent air speeds)

|           | Knots | Kph |
|-----------|-------|-----|
| VNE       | 108   | 200 |
| Rough air | 71    | 130 |
| Aerotow   | 71    | 130 |

|                  | Knots | Kph |
|------------------|-------|-----|
| Airbrakes open   | 108   | 200 |
| Winch / auto tow | 54    | 100 |
|                  |       |     |

Max winch weak link: 750 Kg (Tost red)

Tyre pressure: 36 psi (2,5 Bar)

Semi aerobatic Cloud flying permitted

### Notes: -

Ka2 is 15 Meter span the Ka2b is 16 Meter span

This sheet compiled by: Tim Macfadyen

Last update 29 Jan 2003