

## BGA glider data sheet – SG 38 (Primary)

Data source: LBA Data sheet

Date 07.03.1991

Manufacturer: Anateurbau, Germany

Link to mandatory mods:

### Weighing Data:

|  | Kg  | Pounds |
|--|-----|--------|
| Max weight   | 210 | 463    |
| Max weight of non lifting components (everything except wings) | 155 | 342    |
| Max pilot weight (seat load)                                   |     |        |

### Control deflections in mm

|          | Up                   | Down    | Distance - hinge to measuring point |
|----------|----------------------|---------|-------------------------------------|
| Ailerons | 170 ± 5              | 110 ± 5 | 510                                 |
| Elevator | 135 ± 5              | ca 260  | 410                                 |
| Rudder   | 270 ± 5 Left & Right |         | 740                                 |

|                                     | mm  | inches |
|-------------------------------------|-----|--------|
| Forward C of G limit (aft of datum) | 400 | 15.75  |
| Aft C of G limit (aft of datum)     | 480 | 18.90  |
| Pilot position (forward of datum)   |     |        |

Longitudinal datum: .

Horizontal datum: Level

### Maximum speeds

|           | Knots | Kph |
|-----------|-------|-----|
| VNE       | 32    | 60  |
| Rough air | 32    | 60  |

|                  | Knots         | Kph |
|------------------|---------------|-----|
| Aerotow          | Not permitted |     |
| Winch / auto tow | 32            | 60  |

Max winch weak link: 306 Kg

Non aerobatic - Cloud flying not permitted

This sheet compiled by: Tim Macfadyen

Date: 30 July 2004