

## BGA glider data sheet ASW 15B (See separate sheet for ASW 15A)

Data source: Flight & Operational Manual

Date of issue: 1972

Manufacturer: A Schleicher GmbH & Co, Segelflugzeugbau, 36161 Poppenhausen, Germany

UK Agent: Peter Wells

E Mail: [office@zulu-glasstek.co.uk](mailto:office@zulu-glasstek.co.uk)

Phone: 01844 208 157

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

### Weighing Data:

	Kg	Pounds
Max weight (dry) (Landing weight)		
BGA concession non-aerobatic max weight (dry) [+3%]		
Max weight with water	408	900
Max weight of non lifting components (everything except wings)	220	485
BGA concession non-aerobatic max weight of non lifting components [+5%]	231	509
Max pilot weight (seat load)	115	253

mm      inches

Forward C of G limit (aft of datum)	210	8.27
Aft C of G limit (aft of datum)	380	14.96
Pilot position (forward of datum)	576*	22.69*

\*These figures were derived from a weighing by Dave Bullock in Sept 2009 using a 190 lb pilot sitting as far back as possible, they are thus conservative.

### Control deflections in mm

	Up	Down	Distance - hinge to measuring point	Max free play
Ailerons	85 ±10	50 ±5	200	
Elevator	60 ±10	55 ±5	340	
Trim				
Rudder	Left 254 ±25	Right 254 ±25	490	
Airbrakes				

The cockpit airbrake lever must be in the same position ±5mm with each airbrake connected separately (& locked). Min 5 mm surplus forward travel of the cockpit lever.

Longitudinal datum: Wing root LE (not the fairing).

Horizontal datum: Rear fuselage top 1000:50 tail down

### Maximum speeds

	Knots	Kph
VNE	119	220
Rough air	92	170
Manoeuvre	92	170

	Knots	Kph
Aerotow	92	170
Winch / auto tow	65	120

Max winch weak link: 500kg (Tost white). BGA concession 600 Kg (Tost blue).

Tyre pressure: 37-40 psi      2.6-2.8 Bar

Semi aerobatic and cloud flying permitted without water ballast.

### Notes: -

Excess play at the wing-root to fuselage junction can cause major tailplane oscillations at high speed.

This sheet compiled by: Tim Macfadyen      Updated: 21 Sept 2009 (pilot position changed)

Last update 4 June 2023 UK agent Email changed