

BGA glider data sheet - ASH 25

Data source Schleicher Manual Date of issue: 1987

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

UK Agent: Peter Wells

E Mail: office@zulu-glasstek.co.uk

Phone: 01844 208 157

Link to mandatory mods:

Fax: 01844 201 028

URL : http://www.as-segelflugzeuge.de/englisch/e_main.htm

Weighing Data:

	Kg	Pounds
Max weight with water	750	1654
Max weight dry	680	1499
BGA concession non-aerobatic max weight (dry) [+3%]	700	1545
Max weight of non lifting components (everything except wings)	390	860
BGA concession non-aerobatic max weight of non lifting components [+5%]	409	903
Max pilot weight (seat load)		
Max luggage compartment load	15	33
	mm	Inches
Forward C of G limit (aft of datum)	190	7.48
Aft C of G limit (aft of datum)	390	15.35
Front pilot position (forward)	1322	52.05
Rear pilot position (forward)	339	13.35

Control deflections in mm

	Up	Down	Distance - hinge to measuring point	Max free play
Ailerons				total
Elevator	±	±		0 total
Rudder	Left ±	Right ±		total
Flaps				total

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

Horizontal datum: Rear fuselage top level

Maximum speeds

	Knots	Kph
VNE	151	280
Rough air	100	185
Manoeuvre	100	185
Winch / auto tow	70	130

	Knots	Kph
Aerotow	100	185
U/C down	100	185
Flap pos 2 & 3	124	230
Flap pos 4 & 5	86	160
Landing flaps	76	140

Height feet	Height meters	VNE knots	VNE Kph
10 000 - 16 400	3 - 5 000	135	250
16 400 - 23 000	5 - 7 000	121	225
23 000 - 29 500	7 - 9 000	108	200
29 500 - 36 000	9 - 11 000	94	175
36 000 - 43 000	11 - 13 000	81	150

Max winch weak link: 900 daN (Brown). Tyre pressure: Main 51 psi (3,6 bar). Tail 37 psi (2,6 bar).

Semi aerobatic (without water). Cloud flying is permitted. Water must be dumped before landing.

Each 1 Kg nose weight reduces min cockpit weight by 1.3 Kg (2.8 lb).

The Hydraulic brake fluid is Aeroshell Fluid 4 or Esso Univis J-13. These fluids are mineral based and are very corrosive.

Span 25.6 meters