

BGA glider data sheet - ASH 26

Data source: FAA Web

Date of issue: 1995

Manufacturer: Schleicher

Web site:

Phone:

Fax:

UK Agent: Peter Wells

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Link to mandatory mods:

Fax: 01844 201 028

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

Weighing Data:

Control deflections in mm

	Kg	Pounds
Max weight with water	525	1158
Max weight dry		
BGA concession non-aerobatic max weight (dry) [+3%]		
Max weight of non lifting components (everything except wings)	344	758.5
BGA concession non-aerobatic max weight of non lifting components [+5%]	361	796
Water capacity	150	331
Max pilot weight (seat load)		
Max luggage compartment load	15	33
	mm	
Forward C of G limit (aft of datum)	290	
Aft C of G limit (aft of datum)	410	
Pilot position (forward) varies with seat position & pilot size	530-570	

	Up	Down	Distance - hinge to measuring point	Max free play
Ailerons (Flaps 0°)	13 - 19	1 - 7	44.5	
Elevator	23 - 29	23 - 32	75	
Rudder	Left & right 145 - 155		280	

Flaps settings	Flap travel (Ailerons neutral)	Distance - hinge to measuring point	Max free play
-1.5°	1 - 5 up	116.5	
0°	0		
+38°	84 - 94 down		

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

Horizontal datum: Rear fuselage top 1000 : 31 tail down

Maximum speeds

	Knots	Kph
VNE	146	270
Rough air	99	184
Manoeuvre	99	184
Winch / auto tow	70	130

	Knots	Kph
Aerotow	86	160
U/C down	99	184
Flap pos 2 & 3		
Flaps +23°	86	160
Flaps +38°	76	140

Height feet	Height meters	VNE knots	VNE Kph
10 000 - 16 500	3 - 5 000	124	230
16 400 - 23 000	5 - 7 000	113	210
23 000 - 29 500	7 - 9 000	100	185
29 500 - 36 000	9 - 11 000	89	165
36 000 - 42 500	11 - 13 000	76	140

Max winch weak link: 825 daN (Red). Tyre pressure: Main psi (bar). Tail psi (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 Kg (lb).

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

Span 18 meters

This sheet compiled by Tim Macfadyen Date 19 Aug 2004

Last update 7 Feb 2012 – Data from UK agent Pete Wells -Aft C of G limit increased from 400 to 410 & pilot position data included.