

BGA glider data sheet - ASW 12

Data source FAA data sheets

Date of issue: 1967

Manufacturer: Schleicher

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Weighing Data:

	Kg	Pounds
Max weight with water	430	947
Max weight dry (& max landing)	430	947
BGA concession non-aerobatic max weight (dry) [+3%]		
Max weight of non lifting components (everything except wings)		
BGA concession non-aerobatic max weight of non lifting components [+5%]		
Max pilot weight (seat load)		
Max luggage compartment load	5	11
	mm	Inches
Forward C of G limit (aft of datum)	292	11.5
Aft C of G limit (aft of datum)	381	15.0
Pilot position (forward)		

Control deflections in degrees

	Up	Down	Max free play
Ailerons Flaps in POS 3	19.5° - 25.5°	15° - 21°	
Elevator	11.5° - 14.5°	11.5° - 14.5°	
Rudder	Left & right	22.5° - 27.5°	
Flaps			
POS 1	8° - 10° up		
POS 3	0° - 2° up		
POS 7	19° - 21° down		

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

Horizontal datum: Rear fuselage top 1000 : 40 rear down

Maximum speeds

	Knots	Kph
VNE	108	200
Rough air	108	200
Manoeuvre		
Winch / auto tow	59	110

	Knots	Kph
Aerotow	81	150
Flap POS 4, 5 & 6	97	180
Flap pos. 7	75	140
Drag shute deployed	108	200

Height feet	Height meters	VNE knots	VNE Kph
10 000 - 16 400	3 - 5 000		
16 400 - 23 000	5 - 7 000		
23 000 - 29 500	7 - 9 000		
29 500 - 36 000	9 - 11 000		
36 000 - 43 000	11 - 13 000		

Max winch weak link: 1000 daN (Black). BGA recommended - Red

Tyre pressure: Main psi (bar). Tail psi (bar).

Non aerobatic. Cloud flying is prohibited. No airbrakes are fitted to the ASW 12

This sheet compiled by Tim Macfadyen

Date 22 July 2003