

BGA glider data sheet - ASW 17

Data source Manufacturer's Handbook

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Weighing Data:

Control deflections in degrees

	Kg	Pounds
Max weight with water	610	1345
Max weight of non lifting components (everything except wings)	245	540
BGA concession non-aerobatic max weight of non lifting components [+5%]	257	567
Max water (Max AUW must not be exceeded)	90	198
Max pilot weight (seat load)	115	253
Max luggage compartment load	10	22
	Mm	Inches
Forward C of G limit (aft of datum)	340	13.39
Aft C of G limit (aft of datum)	460	18.11
Pilot position (forward)	673	26.5

	Up	Down	Max free play
Ailerons	9.5° - 13.5°	7.5° - 11.5°	
Flaps in position 3			
Elevator	11° - 14°	15° - 19°	
Rudder	Left & right 27° - 33°		
Flaps	Position 1 10° - 12° up Position 4 8° - 10° down See manual for full details		

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

Horizontal datum: Rear fuselage top sloping rear down 1000 : 38

Maximum speeds

	Knots	Kph
VNE (flaps 1)	135	250
Rough air	135	250
Manoeuvre	97	180
Winch / auto tow	65	120

	Knots	Kph
Aerotow	97	180
Airbrakes out	135	250
Flap pos. 2 & 3	97	180
Flap pos. 4	81	150

Max winch weak link: 600 daN (Tost blue) BGA concession 750 daN (Tost red).

Tyre pressure main wheel : 34 psi (2.4 bar) for 500 Kg AUW and 47 psi (3.3 bar) for 610 Kg AUW.

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

Span 20 meters

This sheet compiled by Tim Macfadyen

Last up-date 30 May 2010 (several changes as per the May 1976 Handbook)