

BGA glider data sheet - ASK 13

Data source: Manufacturers' handbook

Date of issue: undated

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Weighing Data:

	Kg	Pounds
Max weight	480	1058
BGA concession non-aerobatic max weight	529	1166
Max weight of non-lifting components (everything except wings)	322	710
BGA concession non-aerobatic max weight of non-lifting components	371	816
Max pilot weight (seat load)	110	242

mm

Forward C of G limit (aft of datum)	70
Aft C of G limit (aft of datum)	247
Front pilot position (forward of datum)	1067
Rear pilot position (forward of datum)	0

Longitudinal datum: Wing rib 3 LE .

Horizontal datum: Rear fuselage top 1000:55 tail down (underside of rib 3 horizontal)

Control deflections in mm

	Up	Down	Distance - hinge to measuring point	Max free play
Ailerons	135 ±10	65 ±10	260	
Elevator	160 ±15	160 ±15	470	
Trim				
Rudder	Left 400 ±20	Right 400 ±20	800	

Maximum speeds

	Knots	Kph
VNE	108	200
Rough air	76	140
Manoeuvre	76	140
Aerotow	76	140

	Knots	Kph
Airbrakes open	108	200
Winch / auto tow	54	100
Winch / auto tow BGA figure (weak link reduced to 850kg)	65	120

Max winch weak link: 1070 Kg (Tost black). 850 Kg (Tost brown) with the BGA max speed of 65 knots

Tyre pressure: 36 psi (2,5 Bar)

Semi aerobatic, cloud flying permitted

CAIR Aviation "Ottfur" hook(s) may be fitted in place of the original hooks.

This sheet compiled by: Tim Macfadyen

27 April 2009 CAIR Aviation hooks added

4 June 2023 UK agent Email changed

1 Dec 2023 Max speeds for Rough air, Manoeuvre & Aerotow reduced to the TCDS and Flight Manual EAS figures.