

BGA glider data sheet - ASK 13

Data source: Manufacturers' handbook

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Weighing Data:

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

mm Inches

Forward C of G limit (aft of datum)	70	2.76
Aft C of G limit (aft of datum)	247	9.7
Front pilot position (forward of datum)	1067	42
Rear pilot position (forward of datum)	0	0

Longitudinal datum: Wing rib 3 LE .

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

Maximum speeds (Indicated airspeeds with standard pitot/static system)

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

	Knots	Kph
Airbrakes open	108	200
Winch / auto tow BGA figures:- 850kg weak link 1000 kg weak link	65 60	120 111

Max winch weak link: 1070 Kg (Tost black). 850 Kg (Tost brown) with 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 Tost hooks.

This sheet compiled by: Tim Macfadyen

Updated: 27 April 2009 (CAIR Aviation hooks added)

Updated 4 June 2023 UK agent Email changed

Updated 1 Dec 2023 Max speeds for rough air, manoeuvre & aerotow reduced to the TCDS & Flight Manual EAS figures.

Updated 9 April 2025 BGA approved max winch speed for a black weak link added, previously omitted in error.