

# BGA glider data sheet - Ka 8b

Data source Manufacturer's Handbook

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## Weighing Data:

	Kg	Pounds
Max weight (dry)	310	685
BGA concession non-aerobatic max weight (dry) [+3%]	320	706
Max pilot weight (seat load)	100	220
Max pilot weight (seat load) BGA	110	242
Max weight of non-lifting components (everything except wings)	200	440
BGA concession non-aerobatic max weight of non lifting components [+5%]	210	462

## Control deflections in mm

	Up	Down	Distance - hinge to measuring point	Max free play
Ailerons	120 ±15	48 ±10	230	
Elevator	138 ±15	138 ±15	400	
Trim	25±5	17±3	Measure to elevator TE with elevator neutral	
Rudder	Left 375 ±25	Right 375 ±25	750	

mm

Forward C of G limit (aft of datum)	247
Aft C of G limit (aft of datum)	390
Pilot position (forward of datum)	380

Longitudinal datum: Wing LE Rib 1

Horizontal datum: Bottom of wing rib 2 horizontal

## Maximum speeds Winch/auto tow speed increased by EASA approved BGA Mod

	Knots	Kph
VNE	100	185
Rough air	70	130
Manoeuvre	70	130

	Knots	Kph
Aerotow	70	130
Winch / auto tow	60	111
Airbrakes open	100	185

Max winch weak link: 600 Kg Tost blue

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.