

## BGA glider data sheet - ASK 18

Data source Flight Manual

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### Weighing Data:

	Kg	Pounds
Max weight (dry)	335	738
BGA concession non-aerobatic max weight (dry) [+3%]	345	760
Max weight of non lifting components (everything except wings)	210	463
BGA concession non-aerobatic max weight of non lifting components [+5%]	220	486
Max pilot weight (seat load)	110	242

mm      Inches

Forward C of G limit (aft of datum)	230	9.05
Aft C of G limit (aft of datum)	379	14.9
Pilot position (forward of datum)	485	19.1

### Control deflections in mm

	Up	Down	Distance - hinge to measuring point	Max free play
Ailerons	110 ±10	45 ±10	230	
Elevator	110 ±10	110 ±10	330	
Trim				
Airbrakes				
Rudder	Left 355 ±20	Right 355 ±20	675	

Longitudinal datum: Wing root LE (rib 3).

Horizontal datum: Wing rib 3 underside horizontal

### Maximum speeds

	Knots	Kph
VNE	108	200
Rough air	75	140
Manoeuvre	75	140

	Knots	Kph
Aerotow	75	140
Winch / auto tow	59	110
Airbrakes open		

Max winch weak link: 600 Kg (Blue)

Tyre pressure: 35 PSI (2,5 Bar)

Semi aerobatic. Cloud flying permitted.

**Notes: -**

This sheet compiled by: Tim Macfadyen

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