

## BGA glider data sheet - Ka 8b

Data source Manufacturer's Handbook      Date of issue:1963

Manufacturer: Schleicher

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### Weighing Data:

### Control deflections in mm

	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

	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      Inches

Forward C of G limit (aft of datum)	247	9.7
Aft C of G limit (aft of datum)	390	15.4
Pilot position (forward of datum)	380	15

Longitudinal datum:    Wing LE Rib 1

Horizontal datum:      Bottom of wing rib 2 horizontal

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

	Knots	Kph
VNE	100	185
Rough air	76	141
Manoeuvre	76	141

	Knots	Kph
Aerotow	76	141
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

Last update: 27 April 2009 (CAIR Aviation hooks added)