

BGA glider data sheet - Ka 8b

Data source Manufacturer's Handbook Date of issue:1963

Manufacturer: Schleicher

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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 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 Inches

Forward C of G limit (aft of datum)	247	9.7
Aft C of G limit (aft of datum)	420	16.5
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 Blue

Tyre pressure: 36 psi 2,5 Bar

~~Non~~/semi/fully aerobatic. Cloud flying permitted.