

BGA glider data sheet - Geier 1

Data source: BGA data

Date of issue:

Manufacturer: Segelflugzeugbau

Link to mandatory mods:

Weighing Data:

	Kg	Pounds
Max weight	359	792
BGA concession non-aerobatic max weight (dry) [+3%]	370	815
Max weight of non lifting components (everything except wings)		
BGA concession non-aerobatic max weight of non lifting components [+5%]		
Max pilot weight (seat load)		

mm Inches

Forward C of G limit (aft of datum)	414	16.3
Aft C of G limit (aft of datum)	531	20.9
Pilot position (forward)	584	23

Control deflections in mm

	Up	Down	Distance - hinge to measuring point	Max free play
Ailerons				
Elevator				
Trim				
Rudder				

Longitudinal datum: Wing root LE

Horizontal datum:

Maximum speeds

	Knots	Kph
VNE	92	170
Rough air	65	120
Manoeuvre		

	Knots	Kph
Aerotow	65	120
Winch / auto tow	64	100
Airbrakes open		

Max winch weak link:

Tyre pressure: Main psi (Bar), rear psi (bar)

Semi aerobatic, cloud flying permitted

Span 17 meters

German (LBA) Type certificate No 175

This sheet compiled by: Tim Macfadyen

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