

BGA glider data sheet - Bergfalke III

Data source: BGA & FAA data

Date of issue:

Manufacturer: Scheibe Flügzeughbau, August-Pfaltz, Str.23, 8060 Dachau bei München, Germany

UK Agent: Phone:

Fax:

Link to mandatory mods:

Weighing Data:

	Kg	Pounds
Max weight	465	1025
BGA concession non-aerobatic max weight (dry) [+3%]	479	1077
Max weight of non lifting components (everything except wings)		
Max pilot weight (seat load)		
	Mm	Inches
Forward C of G limit (aft of datum)	76.2	3.0
Aft C of G limit (aft of datum)	279	11.0
Front pilot position (forward)	1021	40.2
Rear pilot position (aft of datum)	100	3.9

Control deflections

	Up	Down	Distance - hinge to measuring point
Ailerons	26.5°	8.5°	
Elevator	22.5°	22.5°	
Rudder	Left & right 28°		
Trim			

Longitudinal datum: Wing root LE

Horizontal datum: Tangent on wing rib 6 (Approximately 1650 mm from the inner side of the root rib).

Maximum speeds

	Knots	Kph
VNE	98	182
Rough air	75	140
Manoeuvre		

	Knots	Kph
Aerotow	66	122
Winch / auto tow	52	96
Airbrakes open	98	182

Max winch weak link - 1000 kg (Black)

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

Semi aerobatic - Cloud flying permitted

Span 16 meters

This sheet compiled by: Date: Tim Macfadyen 10 July 2003