

BGA glider data sheet - Rhönlérche II "Ka 4"

Data source: Manufacturers' Handbook

Date of issue: 1954

Manufacturer: A Schleicher GmbH & Co, Segelflugzeugbau, 36161 Poppenhausen, Germany

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Weighing Data:

	Kg	Pounds
Max weight (dry)	408	900
Max pilot weight (seat load)	100	220

mm

Forward C of G limit (aft of datum)	366
Aft C of G limit (aft of datum)	540
Front pilot position (forward of datum)	450
Rear pilot position (rear of datum)	460
Ballast weights (forward of datum)	1035

Longitudinal datum: Wing root LE (Rib 1).

Horizontal datum: Bottom of Rib 1 horizontal

Control deflections in mm

	Up	Down	Measuring point	Max free play
Ailerons	135 ±20	55 ±15	Inboard TE	
Elevator	210 ±30	142 ±20		
Airbrakes				
Rudder	Left 420 ±30	Right 420 ±30-		

Maximum speeds

	Knots	Kph
VNE	92	170
Rough air	65	120
Manoeuvre		

	Knots	Kph
Aerotow	65	120
Winch / auto tow	49	90

Max winch weak link: 900Kg (Tost brown)

Tyre pressure:

Non aerobatic non cloud flying, (spinning and stalling are permitted).

Notes: -

The tailplane is at an incidence of -2° with wing rib 1 bottom surface horizontal.

This sheet compiled by: Tim Macfadyen Date: 21 September 2001

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