

# BGA glider data sheet - Grunau Baby IIb

Data source: The world's Sailplanes Vol 1 & LBA Data sheet

Date of issue: 1962

Manufacturer: Schneider

Link to mandatory mods:

## Weighing Data:

	Kg	Pounds
Max weight (dry)	250	551
Max weight of non lifting components (everything except wings)	160	353
Max pilot weight (seat load)	80	176
	mm	Inches
Forward C of G limit (aft of datum)	350	13.8
Aft C of G limit (aft of datum)	430	16.9
Pilot position (forward)	222	8.75
Pilot position Nos 370 to 1226	152	6.0

## Control deflections in mm

	Up	Down	Distance - hinge to measuring point	Max free play
Ailerons	80±5	50±5	230	
Elevator	230 ±10	180 ±10	550	
Rudder	340 to 250 Left & Right		730	

Longitudinal datum: Wing root LE

Horizontal datum: Upper longeron horizontal

## Maximum speeds

	Knots	Kph
VNE	81	150
Rough air	*53	*98

	Knots	Kph
Aerotow	54	100
Winch / auto tow	43	80

\* Increase approved by BGA Tech Committee 22.3.1962

Max winch weak link: 540 Kg (White)

Tyre pressure: Main psi (Bar)

Non aerobatic. Cloud flying not permitted

Span 13.57 M

Wing natural frequency 310 cycles/min

Best LD 17:1 at 60 kph (32 Kts) min sink 0.85 m/s at 55 kph (30 Kts)

This sheet compiled by: Tim Macfadyen      Date: 29 July 2004