

BGA glider data sheet - Jantar-Standard 1 (SZD - 41A) 15 Meter

Data source: Manufacturer's Manuals

Date of issue: 1978

Manufacturer: SZD, Bielsko, Poland

UK Agent:

Web site:

Phone:

Fax:

Link to mandatory mods:

Weighing Data:

	Kg	Pounds
Max weight (dry)	360	794
BGA concession non-aerobatic max weight (dry) [+3%]	371	818
Max weight (with water)	460	1014
Max weight of baggage : - In front of spar. Behind spar	5 10	11 22
Max water	100	220
Max pilot weight (seat load)	110	242

mm Inches

Forward C of G limit (aft of datum)	220	8.66
Aft C of G limit (aft of datum)	428	16.85
Pilot position (forward)		

Control deflections in mm

	Up	Down	Measuring point	Max free play
Ailerons	60±4	37±4	Root TE	
Elevator	92±3	48±3	Root TE	
Rudder	148±9 Left & right		Top TE	
Brakes (open)	Upper 122±5 Lower 116±5			

Longitudinal datum: Wing root LE

Horizontal datum: Rear fuselage top 1000:70 rear down

Maximum speeds

	Knots	Kph		Knots	Kph
VNE	132	245	Aerotow	78	145
Rough air	83	154	Winch / auto tow	59	110
Manoeuvre	83	154	Airbrakes open	132	245

Max winch weak link: 690 Kg (Blue)

Tyre pressure: Main 30 psi, 2 bar

Semi aerobatic without water ballast. Cloud flying permitted.

Notes: -

BGA recommended modification - Secure the seat back to prevent it coming lose under negative G.

This sheet compiled by:

Tim Macfadyen

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