

BGA glider data sheet - Jantar-Standard 2 (SZD - 48-1) 15 Meter

Data source: Manufacturer's Manuals

Date of issue: 1978

Manufacturer: SZD Poland

UK Agent:

Web site:

Phone:

Fax:

Link to mandatory mods:

Weighing Data:

	Kg	Pounds
Max weight (dry)	385	849
BGA concession non-aerobatic max weight (dry) [+3%]	396	874
Max weight (with water)	535	1180
Max water	150	331
Max pilot weight (seat load)	110	242

mm Inches

Forward C of G limit (aft of datum)	158	6.22
Aft C of G limit (aft of datum)	336	13.23
Pilot position (forward)	695	27.4

Control deflections in degrees

	Up	Down	Measuring point
Ailerons	60 ± 4	37 ± 4	
Elevator	100 ± 3	54 ± 3	
Rudder	143 ± 5 left & right		Top at TE
Brakes	Top 122 ± 5 Bottom 118 ± 5		

Longitudinal datum: Wing root LE

Horizontal datum:

Maximum speeds

	Knots	Kph		Knots	Kph
VNE	137	255	Aerotow	81	150
Rough air	108	200	Winch / auto tow	67	125
Manoeuvre	81	150	U/C down	137	254

Max winch weak link: 759 Kg (Red)

Tyre pressure: Main 2 atu (30 psi)

Semi aerobatic without water ballast. Cloud flying permitted.

C of G limits are 21.3% - 45.3% MAC

CAIR Aviation "Ottfur" hook(s) may be fitted in place of the original hooks.

This sheet compiled by: Tim Macfadyen

Last update: 28 April 2009 (CAIR Aviation hooks added).