

BGA glider data sheet - Jantar-Standard 3 (SZD - 48-3) 15 Meter

Data source: BGA data & Manufacturer's maintenance manual

Date of issue: March 1983

Manufacturer: SZD Poland

UK Agent:

Web site:

Phone:

Fax:

Link to mandatory mods:

Weighing Data:

	Kg	Pounds
Max weight (dry)	390	860
BGA concession non-aerobatic max weight (dry) [+3%]	402	886
Max weight (with water)	540	1191
Max in central luggage comp.	25	55
Max in rear luggage comp.	10	22
Max pilot weight (seat load)	110	242
	mm	Inches
Forward C of G limit (aft of datum)	148	5.83
Aft C of G limit (aft of datum)	336	13.23
Pilot position (forward)	605 - 735	23.82 - 28.94

Control deflections in mm

	Up	Down	Measuring point	Max free play
Ailerons	56/ 64	33/41	TE inboard	± 3 at aileron TE
Elevator	97/ 100	51/54	TE centre	± 2,5 at elevator TE
Rudder	138/148 left & right		TE bottom	
Brakes	Top 117/127 Bottom 113/123		Outer end above or below wing	

Longitudinal datum: Wing root LE

Horizontal datum: 22mm gap below TE when level is placed below (and touching) root rib bottom.

Maximum speeds

	Knots	Kph		Knots	Kph
VNE	154	285	Aerotow	81	150
Rough air	108	200	Winch / auto tow	67	124
Manoeuvre					

Max winch weak link: 600 Kg (Tost Blue)

Tyre pressure: Main 28 psi, 2,0 bar Tail 21 psi, 1,5 bar

Semi aerobatic without water ballast. Cloud flying permitted.

Note: -

Every 1000 flying hours or 6 years (whichever comes first) maintenance actions must be performed as specified in the manufacturer's Maintenance Handbook.

This sheet compiled by: Tim Macfadyen Last update: 22 May 2005