

BGA glider data sheet - IS 30

Type: IS 30

Data source : Flight Manual

Date of issue: 1985

Manufacturer: Brasov

Web site:

Phone:

Fax:

UK Agent:

E Mail: Phone:

Link to mandatory mods:

Fax:

Weighing Data:

	Kg	Pounds
Max weight fully aerobatic	520	1147
Max weight semi aerobatic	590	1300
BGA concession non-aerobatic max weight	608	1340
Max pilot weight (seat load)		

mm Inches

Forward C of G limit (aft of datum)	249	9.8
Aft C of G limit (aft of datum)	496	19.5
Front pilot position (forward of datum)		
Rear pilot position (forward of datum)		

Longitudinal datum: Wing root LE .

Horizontal datum:

Control deflections in degrees

	Up	Down	Distance - hinge to measuring point	Max free play
Ailerons	26 ±2	13 ±2		
Elevator	30 ±2	26 ±2		
Trim	25±3	25±3		
Rudder	Left 28 ±2	Right 28 ±2		

Maximum speeds & G

	Semi aerobatic		Fully aerobatic	
	Knots	Kph	Knots	Kph
VNE	121	225	135	250
Rough air	86	160	89	165
Manoeuvre	86	160	89	165
Aerotow	75	140	75	140
Winch / auto tow	67	125	67	125
Max G	+5.3 -2.65		+6.5 -4.0	

Max winch weak link: 600 Kg (blue)

Tyre pressure:

Cloud flying permitted

This sheet compiled by: Tim Macfadyen/Dave Bullock

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