

BGA glider data sheet - Vega T65A (15 meter)

Data source: Flight Manual

Date of issue: 1980

Manufacturer: Slingsby

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Link to mandatory mods:

Weighing Data:

	Kg	Pounds
Max weight with water	440	970
Max weight (dry) & max landing	351	775
BGA concession non-aerobatic max weight (dry) [+3%]	362	798
Maximum water	88	195
Max pilot weight	114	252

mm Inches

Forward C of G limit (aft of datum)	235	9.25
Aft C of G limit (aft of datum)	339	13.36
Pilot position (forward of datum)	457	18

Control deflections

	Up	Down	Max free play	Max out of balance Kg mm	Max Mass Kg
Ailerons	See below		±2mm	58	2.05
Elevator	24° ±1½°	16°½° ±1½°	±2mm	69	1.50
Flaps	8°±½°	8°±½°	±2mm	N/A	17.50
Rudder	Left & Right 125 ^{mm} ±10 ^{mm}		±3mm	173	1.85
Brakes	48 ^{mm} min top up	40°±2 flap down	2mm	N/A	7.95
	Flap 8°±½° up	Aileron 7½°±½° up	Maximum difference between ailerons 1°.		
	Neutral	23°±1 up 10°±1 down			
	8°±½° down	9°±1° down			

Longitudinal datum: Wing root LE.

Horizontal datum: Wing rigging pins horizontal

Main wheel is 1.77 inches aft of datum (a) Main wheel to tail wheel 162.5 inches (b)

Maximum speeds

	Knots	Kph
VNE	135	250
Rough air	106	196
Manoeuvre		
Aerotow	100	185

	Knots	Kph
Winch / auto tow	70	130
Airbrakes open	135	250
U/C down	135	250
Flaps extended	135	250

Max winch weak link: 600 Kg (Blue)

Tyre pressure: Main 36 psi (2.5 Bar), rear 18 psi (1.2 bar)

Semi aerobatic (without water) Cloud flying permitted

This sheet compiled by: Tim Macfadyen

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