

BGA glider data sheet - Vega T65A/D 17 meter

Data source: Slingsbys Flight Manual (1980) & 17 Meter approval paperwork (1990)

Manufacturer: Slingsby

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Link to mandatory mods:

Weighing Data:

	Kg	Pounds
Max weight (dry)	377	830
BGA concession non-aerobatic max weight (dry) [+3%]	388	855
Maximum water	Nil	Nil
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)	337	13.26
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	125	231
Rough air	106	197
Aerotow	100	185

	Knots	Kph
Winch / auto tow	70	130
U/C down	125	231
Flaps extended	125	231

Max winch weak link: 600 Kg (Blue)

Tyre pressure: Main 36 psi (2.5 Bar), rear 26 psi (1.8 bar)

Semi aerobatic. Cloud flying permitted.

Water ballast is not permitted with 17 meter tips.

This sheet compiled by: Tim Macfadyen

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