

BGA glider data sheet - Vega T65C (Sport)

Data source: Manufacturer's Manual

Date of issue: 1980

Manufacturer: Slingsby Sailplanes, Kirbymoorside, N. Yorks, UK

Weighing Data:

	Kg	Pounds
Max weight	354	780
BGA concession non-aerobatic max weight (dry) [+3%]	365	804
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	46mm min	20mm min	±2mm	58	2.05
Elevator	24° ±1½°	16°½° ±1½°	±2mm	69	1.50
Rudder	Left & Right 125 ^{mm} ±10 ^{mm}		±3mm	173	1.85
Brakes	78±1 ^{mm} LE up	44°± ½ TE down	2mm	N/A	6.10

Maximum difference between ailerons 1°.

Brakes deflections are measured at the outboard actuator.

Longitudinal datum: Wing root LE.

Horizontal datum: Rigging pins horizontal

Main wheel is 2.00 inches aft of datum (a) Main wheel to tail wheel 164 inches (b)

Maximum speeds

	Knots	Kph
VNE	135	250
Rough air	106	196
Manoeuvre		

	Knots	Kph
Aerotow	100	185
Winch / auto tow	70	130
Airbrakes open	135	250

Max winch weak link: 600 Kg (Tost blue)

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

Semi aerobatic. Cloud flying permitted

The Sport Vega (T.65C) is a "Club Class" version of the T.65A Vega. The Spot Vega has fixed wheels, no flaps, no water ballast, a glass main spar and ailerons extended slightly at their tips.

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