

BGA glider data sheet – Hornet (Glasflügel 206)

Data source: Manufacturers' flight & operation manual

Date of issue:

Manufacturer: Glasflügel

Agent: H G Streifeneder, Glasfaser-Flüzeug-Service, Brühlstrasse 12, 7318-Lenningen 2, Germany

Link to mandatory mods:

Weighing Data:

	Kg	Pounds
Max weight with water	420	926
Max weight (dry)	420	926
Water capacity A & B models	120	264
Water capacity C model	170	375
Max weight of non lifting components	225	496
BGA concession non-aerobatic max weight of non lifting components [+5%]	236	520
Max pilot weight (seat load)	110	242

mm Inches

Forward C of G limit (aft of datum)	250	9.84
Aft C of G limit (aft of datum)	375	14.76
Pilot position (forward)		

Control deflections in mm

	Up	Down	Distance - hinge to measuring point
Ailerons	20 - 24°	8 - 12°	
Elevator	16 - 19°	16 - 19°	
Rudder	23 - 27° left & right		
Airbrakes	55 - 60° down		3mm at TE
There must be a gap of 3mm minimum between the airbrakes and the ailerons.			

Longitudinal datum: Wing root LE 425mm from fuselage C/L

Horizontal datum: Rear fuselage top 1000:52 rear down

Maximum speeds

	Knots	Kph
VNE	135	250
Rough air	75	140
Manoeuvre	81	150
Aerotow	75	140
Winch / auto tow	75	140
Airbrakes open	135	250

VNE at altitude

Height feet	Height meters	Knots	Kph
16 000	5 000	129	240
20 000	6 000	122	226
23 000	7 000	115	214
26 000	8 000	109	202
30 000	9 000	103	191
33 000	10 000	97	179
40 000	12 000	86	159

Max winch weak link : Tost white (BGA approved Mod 600 Kg, Tost blue)

Tyre pressure: Main 36 psi (2,5 Bar), rear 22 psi (1,5 bar)

Semi aerobatic (without water), cloud flying permitted

Span 15 meters

The Hornet C has carbon fibre wings, which are 20 kg lighter than the previous glass wings.

This sheet compiled by: Tim Macfadyen Date: 26 Nov 2004