

BGA glider data sheet - Janus B

Data source: BGA data

Date of issue:

Manufacturer: Schempp Hirth, Flugzeugbau GmbH, Postfach 1443, D-73222 Kirchheim/Teck, Germany

Phone: 00 49 7021 7298-0

Fax: 00 49 7021 7298-199

www.schempp-hirth.com

UK Agent: Southern Sailplanes

Phone: 0148 871774

Fax:

Weighing Data:

Control deflections in mm

	Kg	Pounds
Max weight (with water)	620	
Max landing weight	620	
Max pilot weight (seat load)	110	242
Max weight of non lifting components (everything except wings)		
BGA concession non-aerobatic max weight of non lifting components [+5%]		
	mm	Inches
Forward C of G limit (aft of datum)	70	
Aft C of G limit (aft)	300	
Front pilot (forward of datum)	1300	51.2
Rear pilot (forward of datum)	190	7.5
Max non fixed baggage 5 Kg.		
Max fixed equipment in centre section 25 Kg.		

	Up	Down	Distance - hinge to measuring point
Ailerons			
Flaps 0			
Elevator			
Rudder			

Longitudinal datum: Wing root LE root rib.

Horizontal datum: Rear fuselage top 1000:45 tail down

Maximum speeds

	Knots	Kph
VNE	119	
Rough air	92	
Manoeuvre		
U/C down		
Winch / auto tow	65	
Aerotow	92	
Flaps "L"		

VNE at altitude			
Height in Meters	Height in feet	Knots	Kph
3 - 4 000	10-13 000		
4 - 5 000	13-16 500		
5 - 6 000	16.5-20 000		
6 - 7 000	20-23 000		
7 - 8 000	23-26 000		
8 - 9 000	26-29 500		
9 - 10 000	29.5-33 000		
10 - 12 000	33-39 500		
12 000+	39 500+		

Max winch weak link: 825 daN (BGA Brown) Tyre pressures: Main 64 psi (4.5 Bar) Nose 35 psi (2.5 bar)

Semi aerobatic. Cloud flying is permitted without water.

Brake fluid SAE - J 1703 or US specification FMVVS 116, DOT 3 resp. DOT 4

Span 18.2 meters

This sheet compiled by: Tim Macfadyen

Date: 17 Sept 2002