

# BGA glider data sheet - Marianne - 201B

Data source: Manufacturer's Manual

Date of issue:

Manufacturer: Centrair (France)

UK Agent:

Web site:

Phone:

Fax:

Link to mandatory mods:

## Weighing Data:

	Kg	Pounds
Max weight	655	1444
BGA concession non-aerobatic max weight [+3%]	675	1487
Max weight of non lifting components (everything except wings)		
BGA concession non-aerobatic max weight of non lifting components [+5%]		
Max pilot weight (seat load)	110	242

mm

Forward C of G limit (aft of datum)	195	
Aft C of G limit (aft of datum)	410	
Front pilot position (forward)	1450	
Rear pilot position (aft of datum)	310	

## Control deflections in mm

	Up	Down	Distance - hinge to measuring point	Max free play
Ailerons	104	54.5	240	± 4
Elevator	73	49.5	146	2.5 up 1.5 down
Rudder	156	156	472	± 8
Airbrakes open 170 – 190 mm				

Longitudinal datum: Wing root LE

Horizontal datum: 61:1000 Tail down in middle of aft fuselage top

### Maximum speeds without Mod 29

	Knots	Kph
VNE	124	230
Rough air	92	170
Manoeuvre	92	170
Aerotow	92	170
Winch / auto tow	70	130
Airbrakes open	124	230

### Maximum speeds with Mod 29

	Knots	Kph
VNE	135	250
Rough air	96	178
Manoeuvre	96	178
Aerotow	92	170
Winch / auto tow	70	130
Airbrakes open	135	250

Mod 29 is a non-mandatory change to the pitot system to five more accurate speed indications

Max winch weak link: 851.5 Kg (Tost brown)

Tyre pressure: Main 3.45 bar, rear 2.5 bar

Semi aerobatic, cloud flying not permitted (day IFR only).

Two seater - span 18.5 meters