

## BGA glider data sheet - Phoebus C (17 meter)

Data source: BGA data sheet

Date of issue:

Manufacturer: Bölkow

UK Agent:

Web site:

Phone:

Fax:

Link to mandatory mods:

### Weighing Data:

	Kg	Pounds
Max weight with water		
Max weight (dry)	375	827
BGA concession non-aerobatic max weight (dry) [+3%]	386	852
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      Inches

Forward C of G limit (aft of datum)	254	10
Aft C of G limit (aft of datum)	424	16.7
Pilot position (forward)	445	17.5

Longitudinal datum: Wing root LE

Horizontal datum: 1000:25

### Control deflections in mm

	Up	Down	Distance - hinge to measuring point	Max free play
Ailerons				
Elevator				
Trim				
Rudder				

### Maximum speeds

	Knots	Kph
VNE	108	200
Rough air	108	200
Manoeuvre		

	Knots	Kph
Aerotow	97	180
Winch / auto tow	65	120
Airbrakes open		

Max winch weak link: 750 kg (Red)

Tyre pressure: Main psi (Bar)

Semi aerobatic, cloud flying permitted

Span 17 meters

This sheet compiled by: Tim Macfadyen

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