

## BGA glider data sheet - Prefect

Data source: The world's Sailplanes Vol 1 (1962) & BGA data

Date of issue: 1962

Manufacturer: Slingsby

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Link to mandatory mods:

### Weighing Data:

	Kg	Pounds
Max weight	279	615
BGA concession non-aerobatic max weight (dry) [+3%]	287	634
Max pilot weight (seat load)	100.7	222

mm                  Inches

Forward C of G limit (aft of datum)	330	13.0
Aft C of G limit (aft of datum)	485	19.1
Front pilot position (forward)	143	5.63

### Max control deflections in degrees

	Up	Down	Distance - hinge to measuring point	Max free play
Ailerons	22.9°	11.7°		
Elevator	26.8°	22.0°		
Rudder	Left & right 27.0°			

Longitudinal datum: Wing root LE at rib

Horizontal datum: Top longeron aft of frame 5 horizontal.

### Maximum speeds

	Knots	Kph
VNE	90	167
Rough air	60	111

	Knots	Kph
Aerotow	60	111
Winch / auto tow	50	92

Max winch weak link: 500 Kg (White)

Tyre pressure: 30 - 35 psi (2.5 Bar)

Semi aerobatic. Cloud flying permitted

### Notes: -

Span 13.72 Meters

This sheet compiled by: Tim Macfadyen      Date: 6 May 2003