

# BGA glider data sheet - Harbinger (Permit to fly only)

Also own as the "Shenstone Harbinger"

Data source: BGA data & The Worlds' Sailplanes Vol II

Date of issue: 1963

Manufacturer: F Coleman

## Weighing Data:

	Kg	Pounds
Max weight	500	1102
Max pilot weight (seat load)		

mm      Inches

Forward C of G limit (fwd of datum)	330	13
Aft C of G limit (fwd of datum)	302	11.9
Front pilot position (fwd of datum)	1524	60
Rear pilot position (fwd of datum)	355	14

Longitudinal datum: C/L of spar at root

Horizontal datum: Underside of root rib horizontal

## Max control deflections in degrees

	Up	Down	Distance - hinge to measuring point	Max free play
Ailerons	28.3°	16°		
Elevator	22°	21°		
Rudder	Left & right 23°			
Trim	No trim fitted			

## Maximum speeds

	Knots	Kph
VNE	70	130
Rough air	64	118
Manoeuvre		

	Knots	Kph
Aerotow	57	105
Winch / auto tow	57	105
Airbrakes open		

Max winch weak link: Blue

Tyre pressure: Main psi (Bar),

Non aerobatic, non cloud flying

Span 18.3 meters

Strutted tandem two seated, only two built, one in UK, one in Canada in a museum.

This sheet compiled by: Tim Macfadyen      Date: 11 March 2003

Corrections to weighing data by Dave Bullock 5 May 2013