

BGA glider data sheet - Bocian 1D & 1E (SZD 9 bis)

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

Date of issue: 1962

Manufacturer: PZL Poland

UK Agent:

Web site:

Phone:

Fax:

Link to mandatory mods:

Weighing Data:

	Kg	Pounds
Max weight	539	1188
BGA concession non-aerobatic max weight (dry) [+3%]	555	1224
Max pilot weight (seat load)		

Control deflections in degrees

	Up	Down	Distance - hinge to measuring point	Max free play
Ailerons	30°	10°		
Elevator	30°	22°		
Trim				
Rudder	Left & right 30°			

Bocian 1 D	mm	Inches
Forward C of G limit (aft of datum)	218	8.6
Aft C of G limit (aft of datum)	373	14.7
Front pilot position (forward)	858	33.8
Rear pilot position (aft of datum)	80	3.15

Bocian 1 E	mm	Inches
Forward C of G limit (aft of datum)	200	7.9
Aft C of G limit (aft of datum)	394	15.5
Front pilot position (forward)	1016	40
Rear pilot position (aft of datum)	114	4.5

Longitudinal datum: Wing root LE at rib

Horizontal datum:

Maximum speeds

	Knots	Kph
VNE	108	200
Airbrakes open	97	180
Rough air	80	148
Aerotow	75	140

	Knots	Kph
Winch / auto tow Bocian 1D	54	100
Winch / auto tow Bocian 1E	62	115

Max winch weak link: 1000 Kg (Black)

Tyre pressure:psi (Bar)

Semi aerobatic, Cloud flying permitted

Notes: -

Span 18.1 Meters

CAIR Aviation "Ottfur" hook(s) may be fitted in place of the original hooks.

This sheet compiled by:Tim Macfadyen

Last update: 27 April 2009 (CAIR Aviation hooks added)