

BGA glider data sheet **Mucha Standard - SZD - 22 A, B & C**

Data source: The world's Sailplanes Vol 2 & BGA data sheet

Date of issue: 1963

Manufacturer: PZL Poland

UK Agent:

Web site:

Phone:

Fax:

Weighing Data:

	Kg	Pounds
Max weight (dry) "A"	324	715
BGA concession non-aerobatic max weight (dry) [+3%] "A"	334	736
Max weight (dry) "B" & "C"	350	772
Max weight with water "B" & "C"	383	800
BGA concession non-aerobatic max weight (dry) [+3%] "B" & "C"	360	795
Max pilot weight (seat load)		

mm Inches

Forward C of G limit (aft of datum)	390	15.3
Aft C of G limit (aft of datum)	486	19.15
Front pilot position (forward)	432	17.0

Longitudinal datum: Wing root LE

Horizontal datum:

Control deflections in degrees

	Up	Down	Distance - hinge to measuring point	Max free play
Ailerons	26°	13°		
Elevator	22°	20°		
Trim				
Rudder	Left & right 30°			

Maximum speeds

	Knots	Kph
VNE	135	250
Rough air	75	140

	Knots	Kph
Aerotow	81	150
Winch / auto tow	54	100

Max winch weak link: 600 Kg (Tost Blue) *BGA change from Red 4 July 2010*

Tyre pressure: Main psi (Bar), rear psi (bar)

Semi aerobatic Cloud flying permitted

Notes: -

Span 15 meters. First flight 1958.

Caution : - It is normal for a wing to drop at the stall.

The B & C versions have water ballast and the C (export version) has some fabric covering on the wings.

This sheet compiled by: Tim Macfadyen

Date: 22 April 2002

Winch launch weak link strength reduced 4 July 2010