

BGA glider data sheet - Fox MDM - 1 & 1P (14 & 16.15 meters)

Data source: Flight Manual

Date of issue: Dec 1998

Manufacturer: Zakład Remontów i Produkcji Sprzętu Lotniczego, Bielsko - Biala Poland

UK Agent: P R Stoward, 15 Deans Meadow, Dagnall, Berkhamsted, Herts, HP4 1RW

Phone:

Fax:

Link to mandatory mods:

Weighing Data:

	Kg	Pounds
Max weight 14 Meters(aerobatic)	530	1168
Max weight 16.15 Meters (utility)	535	1179
Max weight of non lifting components (everything except wings)	165	364
Max pilot weight (seat load)	100	242
Max luggage	Nil	Nil

mm Inches

Forward C of G limit (aft of datum)	213	8.4
Aft C of G limit (aft of datum)	379	14.9
Front pilot position (forward)	950	37.4
Rear pilot position (aft of datum)	60	2.4

Control deflections

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

Longitudinal datum: Wing root LE

Horizontal datum:

Two 5,5 kg weights can be fitted 1 520mm (59,8 in) forward of datum.

Maximum speeds

	Knots	Kph
VNE	152	282
Rough air	122	225
Manoeuvre	116	214

	Knots	Kph
Aerotow	81	150
Winch / auto tow	81	150
Airbrakes open	152	282

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

Semi/fully aerobatic - see weight limits Cloud flying permitted

Max altitude 3 000 meters (9840 feet) as there is no provision for oxygen.

Aerobatic (14 meter span) G limits Dual +7,0 / -5,0 Solo (100 kg max) +9,0 / -6,0

Utility (16.15 meter span) G limits +5,3 / -2,65

Cloud flying permitted

Polish type certificate number BG - 197 was issued 27 July 1994.

This sheet compiled by:

Date: Tim Macfadyen 11 November 2002