

BGA glider data sheet - Mg 19 a & b

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

Date of issue: 1962

Manufacturer: Josef Oberlerchner, Austria Designer Musger

Link to mandatory mods:

Weighing Data:

	Kg	Pounds
Max weight	480	1058
Max pilot weight (seat load)		
	mm	Inches
Forward C of G limit (aft of datum)	465	18.30
Aft C of G limit (aft of datum)	585	23.03
Front pilot position (forward)	800	31.50
Rear pilot position (aft of datum)	220	8.66

Control deflections in degrees

	Up	Down		Max free play
Ailerons	30°	12°		
Elevator Mg 19a	16°	22° 30'		
Elevator Mg 19b	18° 40'	22° 30'		
Rudder	Left & right 28° 30'			

Longitudinal datum: Wing root LE at rib 1

Horizontal datum:

Maximum speeds

	Knots	Kph
VNE	97	180
Rough air	70	130

	Knots	Kph
Aerotow	70	130
Winch / auto tow	43	80

Max winch weak link: 850 Kg (Brown)

Tyre pressure: psi (Bar)

Non aerobatic, Cloud flying not permitted

Notes: -

Span 17.6 meters. The Mg 19a had Gull wings, the Mg 19b has straight wings. Data is the same except where stated.

This sheet compiled by: Tim Macfadyen Date: 10 June 2002