

BGA glider data sheet - ME 7 "Mechta"

Data source: BGA data sheet & letter from designer

Date of issue: 14 May 2006

Manufacturer: Federov (Russia)

Designer: Vladimir Fedorov E mail glider-ac@public.mtu.ru

Weighing Data:

	Kg	Pounds
Max weight	250	551
BGA concession non-aerobatic max weight [+3%]	257	568
Max weight of non lifting components (everything except wings)		
BGA concession non-aerobatic max weight of non lifting components [+5%]		
Max pilot weight (seat load)		

mm

Forward C of G limit (forward of datum)	46	
Aft C of G limit (aft of datum)	81	
Pilot position (forward of datum) with seat back fully back	380	

Longitudinal datum: Wing root LE

Horizontal datum: Wing root chord horizontal

Main wheel is 167mm aft of datum. Tail wheel is 3195mm aft of datum ("a" = 167 "b" = 3028)

Maximum speeds

	Knots	Kph
VNE	119	220
Rough air	97	180
Manoeuvre		

	Knots	Kph
Aerotow	87	160
Winch / auto tow	60	111
Airbrakes open		

Max winch weak link: 500 Kg (White)

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

Semi aerobatic, cloud flying permitted

This sheet compiled by: Tim Macfadyen & Ted Hull

Last update: 21 May 2010
(forward C of G limit corrected)