

BGA glider data sheet - Foka 5 - SZD 32A

Data source: Manufacturers' Handbooks

Date of issue: 1969

Manufacturer: PZL Poland

Link to mandatory mods:

Weighing Data:

	Kg	Pounds
Max weight (dry)	385	849
BGA concession non-aerobatic max weight (dry) [+3%]	396	874
Max weight of non lifting components (everything except wings)	245	540
BGA concession non-aerobatic max weight of non lifting components [+5%]	257	567
Max pilot weight (seat load)	129	284

	mm	Inches
Forward C of G limit (aft of datum)	250	9.84
Aft C of G limit (aft of datum)	375	14.76
Front pilot position (forward)	580	22.8

Control deflections in degrees

	Up	Down	Max control friction forces Kg At control top
Ailerons	34±2	16±1	0.8 neutral 3.5 at full travel
Elevator (all moving TP)	13±1	7±1	1.0 neutral 1.8 at full travel
Tab*	19.5 ±1.5	10.5± 1.5	7.0
*Tab movement when elevator is moved and trim is set neutral.			
Trim	0.5± 0.5	6.5± 0.5	
With cockpit trim lever neutral & neutral elevator the tab is 4±0.5 down.			
Rudder	Left & right 35±1		6.0 (2 cm below rudder top)
Airbrakes			7.0 15 unlock
Cable release			6.0 at knob

Longitudinal datum: Wing root LE at root rib

Horizontal datum: Level points on fuselage level

Maximum speeds

	Smooth air		Rough air	
	Knots	Kph	Knots	Kph
VNE	132	245		
Rough air			86	160
Aerotow	92	170	70	130
Winch / auto tow	65	120	60	110

Max winch weak link: 700 Kg (Blue)

Tyre pressure: 28 psi (2 Bar)

Fully aerobatic Cloud flying permitted

Notes: -

Wing span 15 meters

This sheet compiled by: Tim Macfadyen Date: 2 July 2002