

BGA glider data sheet - LAK 12

Data source: BGA Data sheets & Manufacturer's Manual

Date of issue:

Manufacturer: Sportine Aviacija

UK Agent:

Web site:

Phone:

Fax:

Weighing Data:

	Kg	Pounds
Max weight with water	650	1433
Max weight (dry)	430	948
BGA concession non-aerobatic max weight (dry) [+3%]	443	976
Max weight of non lifting components (everything except wings)		
BGA concession non-aerobatic max weight of non lifting components [+5%]		
Max water	190	420
Max pilot weight (seat load)		

mm Inches

Forward C of G limit (aft of datum)	236	9.29
Aft C of G limit (aft of datum)	365	14.37
Pilot position (forward)	689 - 856	27.0 - 33.7

Control deflections in mm

	Up	Down	Max free play Max 0,5mm at all hinges
Ailerons (Flaps neutral)	23° ± 1°	12° ± 1°	2,5mm at TE
Elevator	18° ± 1°	18° ± 1°	2mm at TE
Rudder	30° ± 2° left & right		5mm at TE
Flaps	-7° ± 1° -4° ± 1° 0° ± 1° +5° ± 1° +11° ± 2° +15° ± 2°		2,5mm at TE

The TP max free at the tip is 5mm up/down and 5mm fore/aft. Max movement of the whole TP fore and aft is 0,5mm.

Longitudinal datum: Wing root LE

Horizontal datum: Top of rear fuselage 1000:31.2 tail down

Maximum speeds

	Knots	Kph
VNE	135	250
Rough air	95	175
U/C extending or retracting	75	140

	Knots	Kph
Aerotow	75	140
Winch / auto tow	75	140
Flaps down +5°, +11° & +18°	95	175

Max winch weak link: 600 Kg (Blue)

Tyre pressure: Main 38 psi (2.6 bar)

Semi aerobatic & cloud flying permitted without water ballast

Span 20.42 meters

This sheet compiled by: Tim Macfadyen

Last update 3 May 2008 (Flap max deflection corrected)