

## BGA glider data sheet - LAK 17B FES 15 & 18 meter

Data source: Flight and Maintenance Manuals. Date of issue: 28/03/2022(AFM). 02/04/2022 (AMM)

Manufacturer: UAB Sportinė aviacija ir Ko. Pociunai LT-59327, Prienu raj, Lithuania

UK Agent: Baltic Sailplanes

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### Weighing Data

	Kg	Pounds
Max weight with water 18m	600	1322
Max weight with water 15m	550	1212
Max weight (dry)	455	1003
BGA concession non-aerobatic max weight (dry) [+3%]	N/A	
Max weight of non-lifting components (everything except wings)	276.3	609
BGA concession non-aerobatic max weight of non-lifting components [+5%]	N/A	
Max pilot weight (seat load)	110	242
mm		
Forward C of G limit	206 (aft of datum)	
Aft C of G limit	328 (aft of datum)	
Pilot position, seat fully forward	520 (fwd of datum)	
Pilot position, seat fully aft	670 (fwd of datum)	

### Control deflections

	Up	Down	Left	Right
Elevator	18°±1	18°±1		
Rudder			30°±1	30°±1
Ailerons and Flap Deflections				
Flap position	Flap Angle ±1	Aileron Angle ±1	Ailerons Deflection Angle ±2°	
-1	-3°	-3°	- 15° +22°	
0	0°	0°	-16° +21°	
+1	+5°	+5°	-20° +20°	
+2	+10°	+10°	-22° +18°	
+3	+15°	+14°	-24° +14°	
L	+20°	+17°	-25° +10°	

Longitudinal datum: Wing root LE at rib.

Horizontal datum: Rear fuselage top 100:2.9 tail down

Fin Battery 3.5kg, 4192mm aft of datum. Fin water is 4003mm aft of datum.

### Maximum speeds

	Knots	Kph
VNE	148	275
Rough air	102	190
Manoeuvre	102	190
Airbrakes	148	275

	Knots	Kph
Aerotow	86	160
Winch / auto tow	76	140
U/C Down	110	205
Flaps +1+2+3 & L	86	160

Max winch weak link: 780daN (795 kg/1753 lbs) (Red link = 750kg)

Tyre pressure: Main wheel 2.3 to 2.5 bar. Tail wheel 1.8 to 2.0 bar

Non aerobatic

**Notes: -**