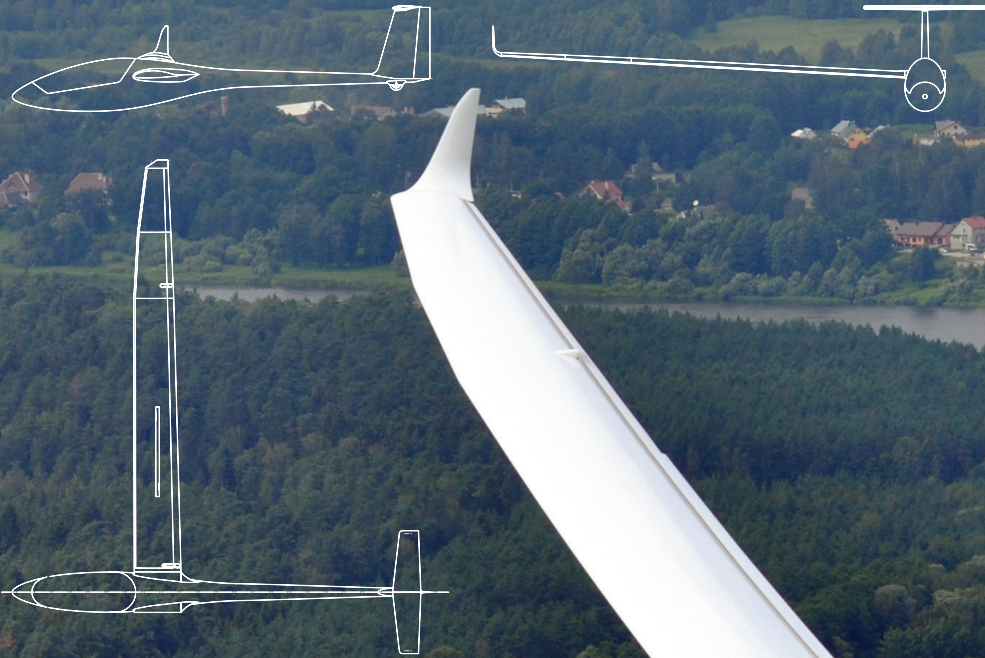




www.lak.lt

LAK



The miniLAK

Small and safe. Does not matter where you fly, the new miniLAK will get you airborne or get you home. Designed for the new FAI 13.5m class, it has already represented itself by winning the second place in the 1st World Gliding Championship for the class in 2015.

The glider comes in three variants:

- The pure glider miniLAK, perfect for competitions
- The motorized miniLAK-M, powered by Solo 2350 engine and
- The self-launching miniLAK-FES, which uses highly efficient electric propulsion system.

Safety

Over 45 years of sailplane design experience. And when speaking of safety, these numbers do mean a lot. Modern composite materials, tested manufacturing techniques and, just in case, an option for an engine. The FES propulsion system has no known reports of in-flight failures, allowing you to stay confident in areas of no-lift. And yes, it is still a glider.



Comfort

No sweat from rigging to landing. All controls hook up automatically while you check the instruments on your self-designed panel. Pedals and seat-back, which is covered with high-quality materials of your choice, can both be adjusted during a longer flight.

Performance

The highly-maneuverable short-span glider fits 80 liters of ballast in the wings and 8 liters of ballast in the tail. The FES engine and batteries are easy to remove for competition use, allowing extra ballast space in the fuselage. With the propeller removed, a clean and sleek nose cone is mounted on the front.

| | miniLAK | miniLAK-FES | miniLAK-M |
|-------------------------------------|---------|--------------|-----------|
| Empty Weight, kg | 161 | 213 | 213 |
| Max TOW, kg | | 350 | |
| Max Wing Loading, kg/m ² | | 41.6 | |
| Wing Span, m | | 13.5 | |
| Wing Area, m ² | | 8.41 | |
| Never exceed speed, km/h | | 250 | |
| G Limits | | -2.65/+5.3 | |
| Engine type | - | FES-LAK-M100 | SOLO-2350 |
| Overall propulsion system weight | - | 52 | 50 |