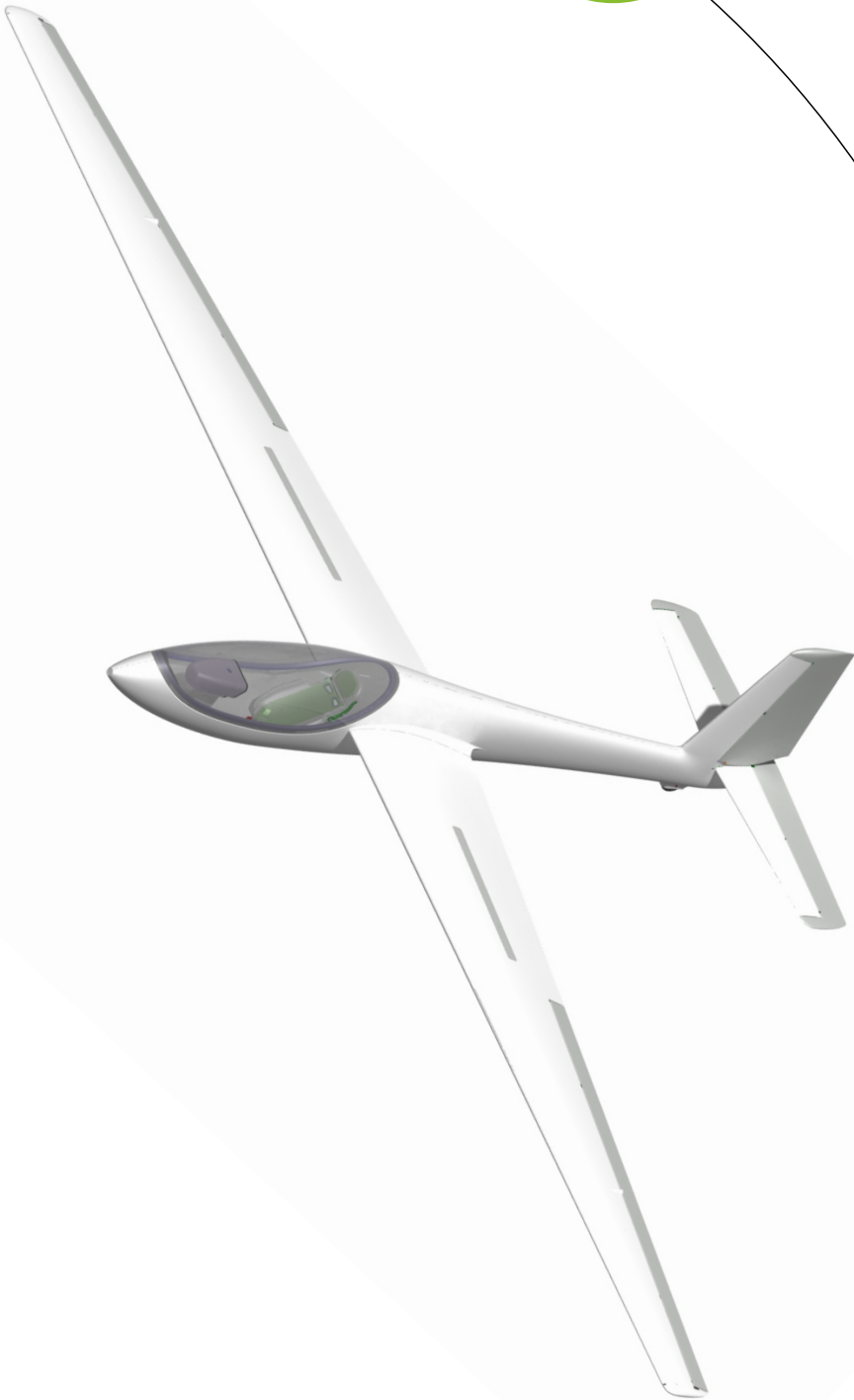


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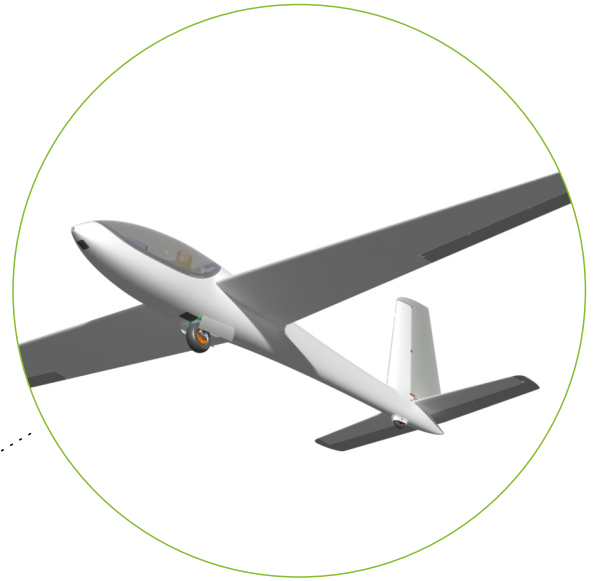
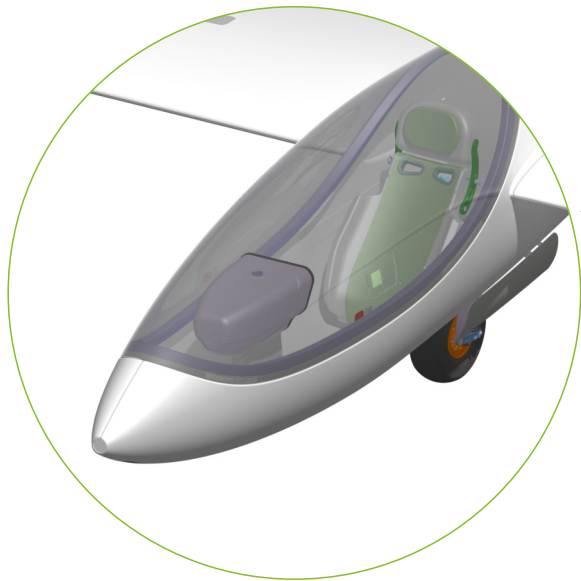


Single-seat composite
aerobatic glider JAY

AEROBATIC GLIDER JAY

CHARACTERISTICS

Łukasiewicz - Institute of Aviation presents new glider "JAY", designed mainly for glider aerobatic competitors and aeroclubs. Structure was designed in cooperation with our Polish top glider champions, to match the highest expectations. We offer design support and development in the implementation of glider serial production.



TECHNICAL INFORMATION

Weights	Value
Empty glider weight	300 kg
MTOW	410 kg

Dimensions	Value
Wing span	12.89 m
Length	6.84 m
Height	1.88 m
Wing area	11.75 m ²

Performance	Value
V_{ne}	320 km/h
V_a	242 km/h
V_{st}	75 km/h



KEY FEATURES

- Airframe made of composite materials with innovative carbon prepreg wings.
- Increased maximum velocity.
- Enlarged canopy for better visibility during maneuvers.
- Expanded width and height in pilot section.



The Łukasiewicz Research Network - Institute of Aviation

offers a wide range of specialized research, engineering services and products. We provide comprehensive solutions, ranging from dedicated analyzes, simulations, engineering design, through the selection, testing and certification of materials and structures, to rapid prototyping and additive manufacturing.

al. Krakowska 110/114, 02-256 Warsaw, Poland

e-mail: info@ilot.lukasiewicz.gov.pl / www.ilot.lukasiewicz.gov.pl