



**Łukasiewicz**  
Institute  
of Aviation

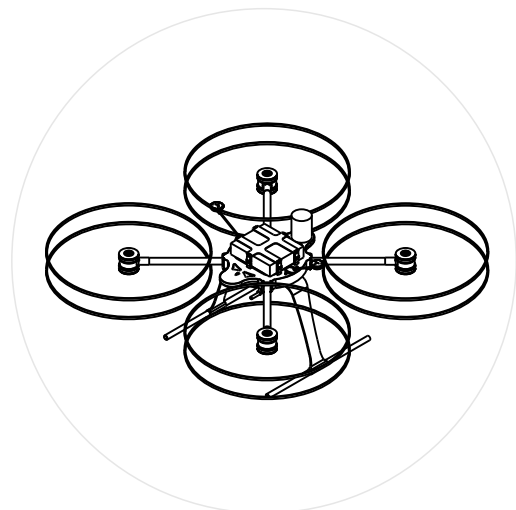


Support for the implementation  
of risk analysis with the  
SORA methodology  
(Specific Operation Risk Assessment)  
for unmanned aerial vehicles

**SORA**  
Assistance

# CHARACTERISTICS

Lukasiewicz Research Network – Institute of Aviation from 2021 offers risk assessment methodology, known as SORA, recommended by the EASA and Civil Aviation Authority. SORA Assistance service speed up the process of obtaining permits. It's required for UAV operations in the specific category, which are more complicated and therefore has higher risk. SORA risk evaluation methodology is a 10 steps process starting with the description of the operation and the evaluation of ground risk class and air risk class. It requires the UAV operator to be proficient with risk mitigation measures and knowledge of a number of additional issues.



## For which UAV operations is a permit necessary?

- Flights above 120 m.
- Drones weighing more than 25 kg.
- Distances longer than 2 km from the UAV pilot.

The price and timing of the analysis are on a case-by-case basis, depending on the complexity of the UAV operation and the additional requirements that could be necessary to obtain a permit.

# SCOPE OF SUPPORT

- Risk assessment with the SORA methodology.
- Preparation of the concept of operation for the mission based on information provided by the client.
- Completing the application to the Civil Aviation Authority.
- Creation of Operational Procedure and ConOps documents.
- Consultation to the extent necessary to collect detailed data on the planned operation.



## The Lukasiewicz 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](mailto:info@ilot.lukasiewicz.gov.pl) / [www.ilot.lukasiewicz.gov.pl](http://www.ilot.lukasiewicz.gov.pl)