

Slido: #IAM2024



**EASA**  
Innovative Air Mobility  
Implementation Forum

In cooperation  
with:



# Facilitation of testing of UAS design and operations



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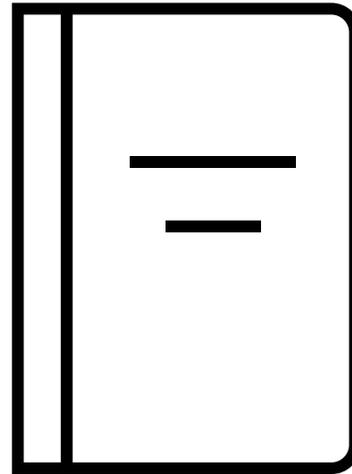
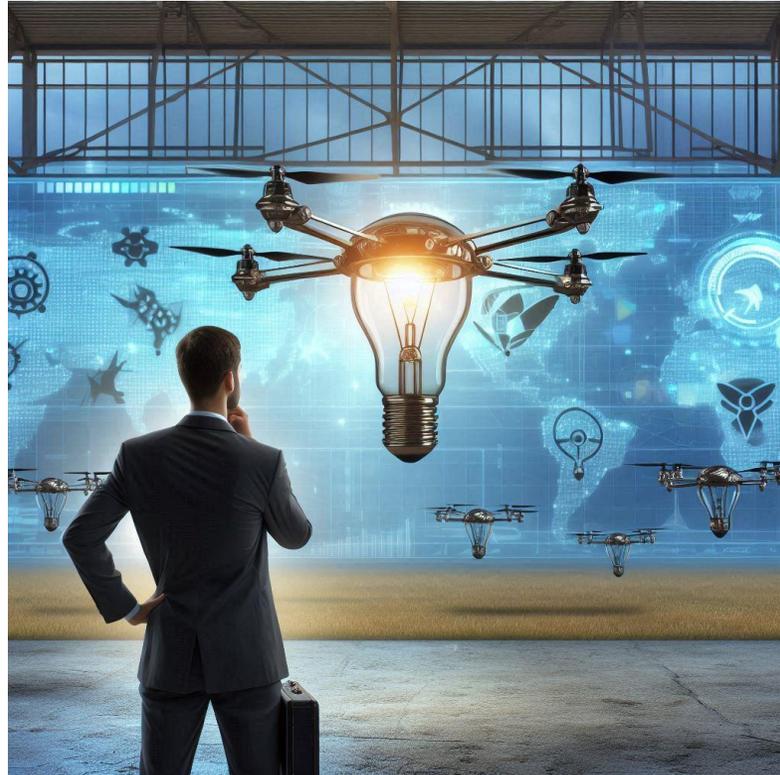
# Workshop: facilitation of testing of UAS design and operations

Goal: Identify which possibilities offers the EU regulatory framework to allow and facilitate the testing of UAS



# Challenges of UAS testing

## Medium/High risk operations



EU Regulation  
SORA Operational  
Safety Objectives

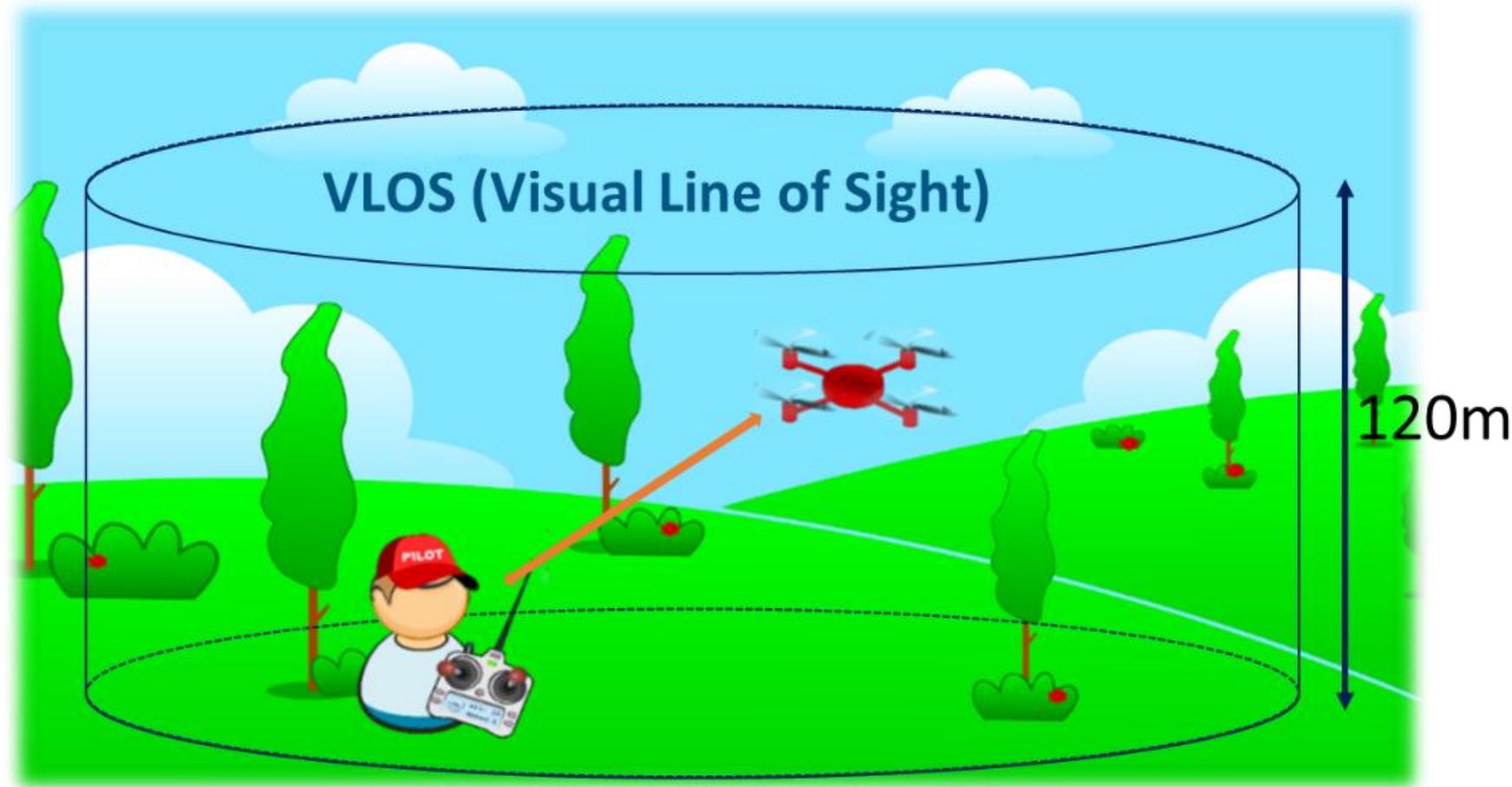


*“The applicant has supporting evidence that the required level of integrity is achieved. This is typically done by testing, analysis, simulation, inspection, design review or through operational experience.”*

*“The applicant holds an organisational operating certificate (e.g LUC) or has a recognised flight test organisation.”*

*“Adequacy of the procedure is proven through flight tests”*

# Open category



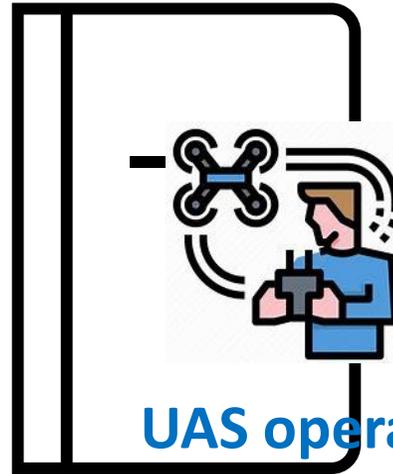
Testing of UAS with a  
MTOM <25 Kg possible in  
the open category

► A3 fly far from people

Privately built  
with MTOM<25kg

# How to allow UAS testing?

How can we use these rules also to allow and facilitate the testing of UAS design and operational procedures?



EU Regulation  
SORA Operational  
Safety Objectives



# EU network of test centres

**Flagship action 14: The Commission intends to set up an EU network on civil-defence drone testing centres to facilitate exchanges between civilian and defence sectors.**



## **Coordinated efforts at EU level to:**

- Move from concept to deployment;
- Support the operational authorization processes;
- Ensure technology progress;
- Ensure appropriate availability and distribution of test sites.

# LUC – Light UAS operator certificate



Applicable to all drones,  
independently of their weight

It requires:

- robust organisation (technically and financially)
- SMS
- Compliance Monitoring Management

It may grant to its holder the privilege of self-authorising its UAS operations

Even with this kind of privileges, a risk assessment of the operations should always be carried out by the LUC holder



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