Slido: #IAM2024

SCAN ME

EASA Innovative Air Mobility Implementation Forum

In cooperation with:

Alliance for New Mobility Europe · ASD · Drone Alliance Europe · Global UTM Association · JEDA

# Unlocking low-risk operations

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# Workshop title:

## Unlocking low-risk operations: optimising the ‘open’ category, the role of pre-defined risk assessment (PDRA) and standard scenarios (STS)

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**Goal**:

- propose regulatory improvements or additional guidance/best practices/means of compliance for open category and STS and specific category
- Assess if the new proposed approach for PDRA may simplify the authorization process

# Open category comparison: EU vs. USA

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## WHAT TYPE OF DRONE CAN I FLY?

| Operation | | | Drone Operator / pilot | |
|---|---|---|---|---|
| C-Class | Max Take off mass | Subcategory | Operational restrictions | Drone Operator registration? |
| Privately build | <250g | A1 Not over assemblies of people (can also fly in subcategory A3) | Operational restrictions on the drone's use apply (follow the QR code below) | Yes No if toy or not fitted with camera/sensor |
| legacy < 250g | | | | |
| C0 | | | | |
| C1 | <900g | | | Yes |
| C2 | <4kg | A2 Fly close to people (can also fly in subcategory A3) | | |
| C3 | <25kg | A3 Fly far from people | | |
| C4 | | | | |
| Privately build | | | | |
| Legacy drones (art 20) | | | | |

Crossing roads or railroads allowed

## WHAT TYPE OF DRONE CAN I FLY?

| Operation | | | Drone Operator / pilot | |
|---|---|---|---|---|
| | Max Take off mass | Subcategory | Operational restrictions | Drone Operator registration? |
| No C-Class equivalent. Remote ID required | <250g | Don't fly over assemblies of people | Operational restrictions on the drone's use apply | Yes professional users / No hobby users |
| | | US less permissive | | |
| | 250g - 25kg | Don't fly directly over people or moving vehicles | | Yes |
| US more permissive | | | | |

# New PDRA format

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**Basic operations manual (BOM)**

**Already published on the EASA website**

https://www.easa.europa.eu/en/downloads/139674/en

Picture credit: puzzle.de

**Modules peculiar to the operation**

PDRA structure

- Short description
- SORA Annex A2 Form
  - Summary of the operational limitations
- Instructions on how to build the operations manual:
  - Basic operation manual and applicable modules
- SORA Annex A4 Compliance Matrix
  - Reference to the operation manual