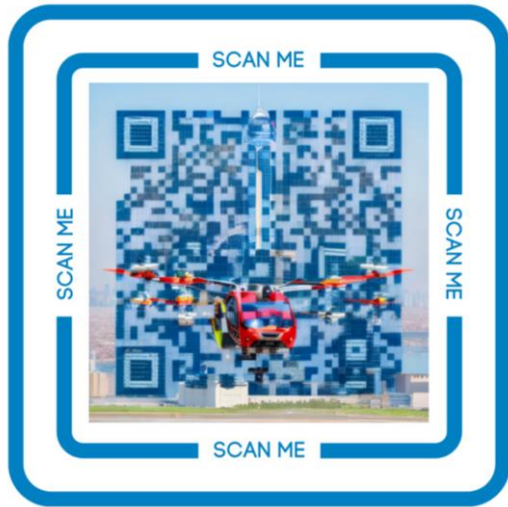


Slido: #IAM2024



EASA
Innovative Air Mobility
Implementation Forum

In cooperation
with:



Unlocking low-risk operations



Moderator
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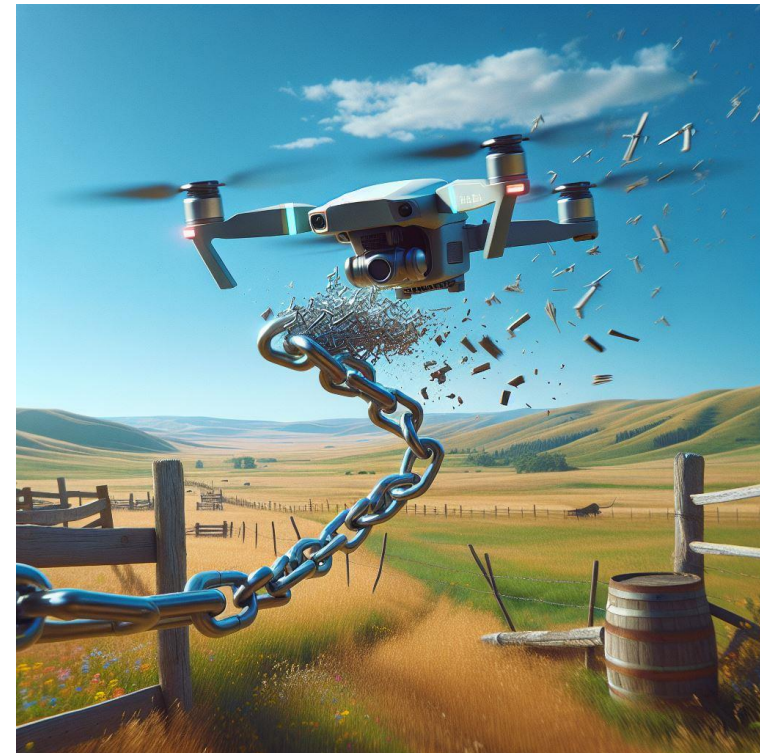
Armin AMBUEHL
Wingtra, CTO

Workshop title:

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






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

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 	A2 Fly close to people (can also fly in subcategory A3)		Yes		
C2	<4kg 					
C3	<25kg 					
C4	A3 Fly far from people					
Privately build						
Legacy drones (art 20)						

Crossing roads or
railroads allowed

WHAT TYPE OF DRONE CAN I FLY?				
Operation			Drone Operator / pilot	
 <				

New PDRA format

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