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How can we improve the regulatory material for the open and specific category?



Moderator

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Slido: #IAM2024



EASA
Innovative Air Mobility
Implementation Forum

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Statistics as of 30 June 2024



Registered UAS operators:
>1.8M

LUC

Light UAS operator Certificates
29



Remote pilot certificates



A1/A3:>1.4M

A2:>259k

STS:>63k

STS

Standard scenarios declarations

STS-01 - 1177
STS-01 - 494



Active operational authorisations issued using SORA:

>2600

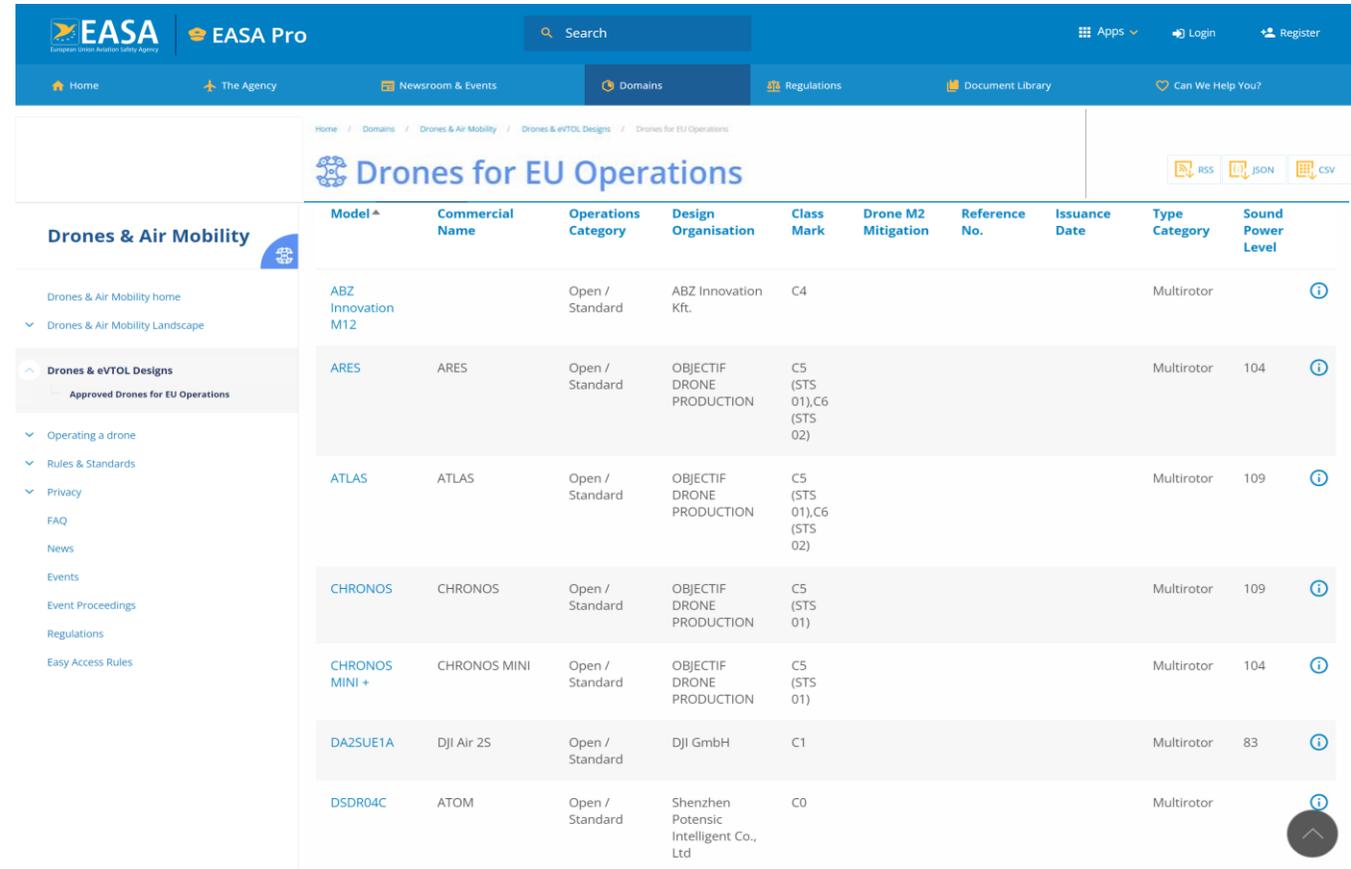
- PDRA-S01 - 223**
- PDRA-S02 - 34**
- PDRA-G01 - 69**
- PDRA-G02 - 40**
- PDRA-G03 - 37**

Open category

- Drones with class mark
- Drones with DVR
- Kits to transform a drone in C5
- Kits for parachute and/or termination system

List published on the IAM Hub

<https://www.easa.europa.eu/en/domains/drones-air-mobility/drones-evtol-designs/approved-drones-eu-operations>



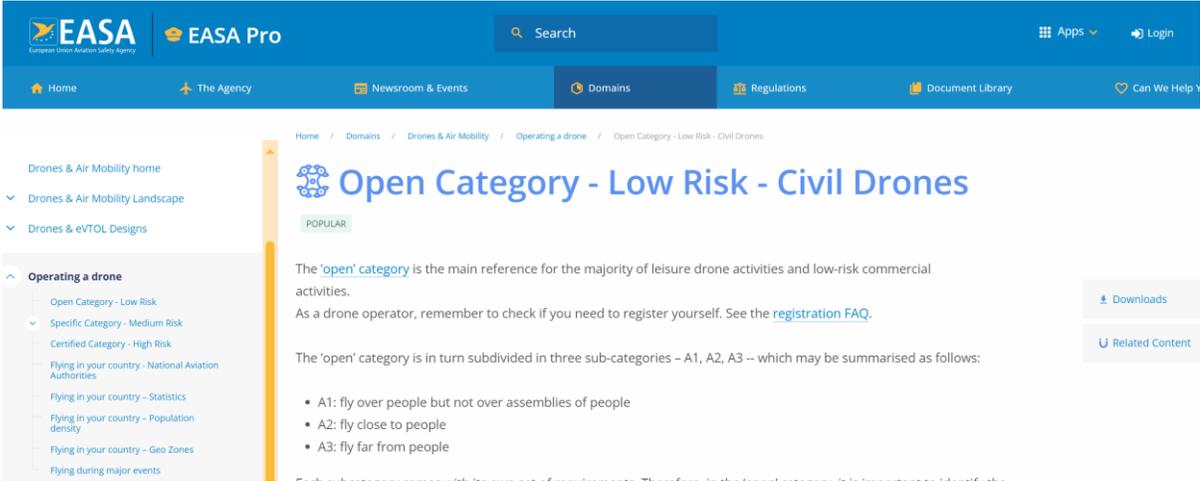
Model	Commercial Name	Operations Category	Design Organisation	Class Mark	Drone M2 Mitigation	Reference No.	Issuance Date	Type Category	Sound Power Level
ABZ Innovation M12		Open / Standard	ABZ Innovation Kft.	C4				Multicopter	
ARES	ARES	Open / Standard	OBJECTIF DRONE PRODUCTION	C5 (STS 01), C6 (STS 02)				Multicopter	104
ATLAS	ATLAS	Open / Standard	OBJECTIF DRONE PRODUCTION	C5 (STS 01), C6 (STS 02)				Multicopter	109
CHRONOS	CHRONOS	Open / Standard	OBJECTIF DRONE PRODUCTION	C5 (STS 01)				Multicopter	109
CHRONOS MINI +	CHRONOS MINI +	Open / Standard	OBJECTIF DRONE PRODUCTION	C5 (STS 01)				Multicopter	104
DA2SUE1A	DJI Air 2S	Open / Standard	DJI GmbH	C1				Multicopter	83
DSDR04C	ATOM	Open / Standard	Shenzhen Potensic Intelligent Co., Ltd	C0				Multicopter	

Manufacturers are invited to register their product as soon as they completed the verification process/declaration

How to operate in the open category?

Information on the EASA website including FAQ -

<https://www.easa.europa.eu/en/domains/drones-air-mobility/operating-drone/open-category-low-risk-civil-drones>



Guidelines on operations in the open and specific category

<https://www.easa.europa.eu/en/downloads/139435/en> Contents

Introduction and purpose of these Guidelines	iii
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What are the main challenges to operate in the specific category?



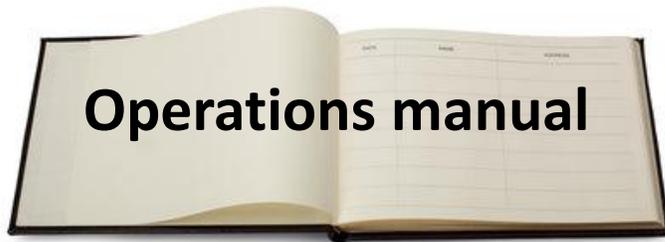
- new SORA 2.5
 - Focused consultations with NAAs and EU UAS associations planned for November 24
- Planned to be introduced in the EU framework in Q1 25
 - Immediately applicable
 - NAA may still accept applications using SORA 2.0 for a period defined by them (recommended 6 months)
 - Authorisations issued with SORA 2.0 remains valid

What are the main challenges to operate in the specific category?



- Need for standards
 - MoC for design related requirements published on EASA website [Design verification report | EASA \(europa.eu\)](#)
 - [SHEPHERD \(UAS Standards\) | EASA \(europa.eu\)](#)
 - [EUSCG - The European UAS Standards Coordination Group](#)
 - Industry members are invited to join standardization bodies to develop the missing standards

What are the main challenges to operate in the specific category?



→ Includes all procedures and information that UAS operator personnel needs to know for a safe operation

→ Operation manual example

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



Impacts time to receive an operational authorization

Time to improve the EU drone regulation

- Stability of the regulation, no major changes
- Collection of feedback from stakeholders
 - Improve harmonisation of geographical zones
 - Competency for remote pilot in the specific category
 - Revise the requirements for LUC
 - Clarify manufactures responsibility and verification of design of drones
 - Introduce authority requirements



Time to improve the EU drone regulation

Timeline

→ Q2 2025: Develop a proposal for changing the UAS regulation

NAA and EU UAS associations are involved in the definition of the content of the proposal

→ Q3 2025: Publication of a NPA (notice of proposed amendment) for 3 months of public consultation

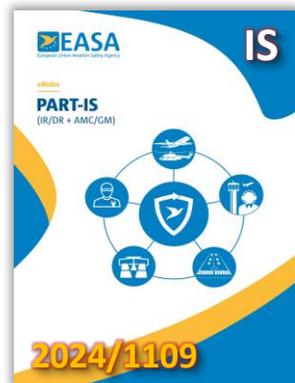
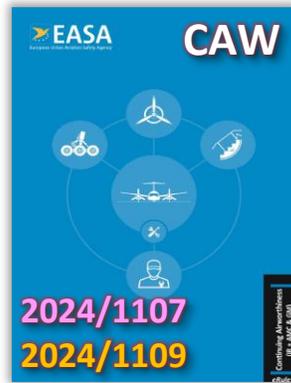
→ Q3 2026: Publication of an Opinion to the EU Commission

Update on the certified category

DELEGATED ACTS
IMPLEMENTING ACTS

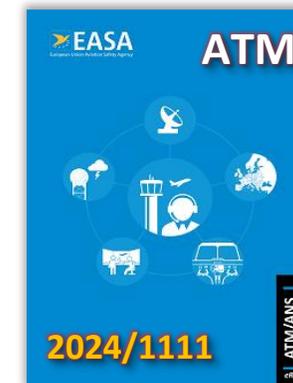
NPA 2024-06
AMC&GM

UAS 'specific category' – SAIL V/VI



NPA 2024-01
AMC&GM

Manned VTOL-capable aircraft



Update on the certified category

Timeline

- Regulations applicable as May 1, 2025
- ED Decisions with new AMC&GM for UAS and VCA in Q1/2025
- Focus on the implementation of new regulations
- Resuming rulemaking as of 2026



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