

UAS CERTIFICATION IN EASA MEMBER STATES



USE CASE	MTOM	MAX. DIMENSION ¹	ADDITIONAL INFO	AIRCRAFT CERT.	OPERATION CERT.
VLOS No people ²	Less than 25 kg	No limit	Privately built	None	None
			Non Privately built	Class C0, C1, C2, C4 ³	None
Less than 3 m		Scenario STS-01		Class C3	None
			Class C5	STS-01 Declaration	
		PDRA-S01	Declaration	PDRA + Authorisation from competent authority	
		Scenario STS-02	Class C6	STS-02 Declaration	
BVLOS Controlled ground area ⁴	No limit	No limit	PDRA-G01 PDRA-G02 PDRA-G03	Declaration	PDRA + Authorisation from competent authority
BVLOS Sparsely populated area			SAIL I SAIL II SAIL III	Declaration of compliance with applicable technical OSOs ⁵	SORA + Authorisation from competent authority
Specific Low Risk			SAIL III SAIL IV	Design Verification Report (DVR)	SORA + Authorisation from competent authority
Specific Medium Risk					

¹ Maximum characteristic dimension: Wingspan, rotor diameter/area, or maximum distance between rotors.

² Aircraft is kept at a safe distance from people and not flown over assemblies of people

³ Mandatory from 1 January 2024

⁴ Ground area where the UAS is operated and within which the UAS operator can ensure that only involved persons are present.

⁵ For compliance of technical mitigations (M2) and enhanced containment, the competent authority may ask to obtain a Design Verification Report (DVR)

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USE CASE	MTOM	MAX. DIMENSION ⁴	ADDITIONAL INFO	AIRCRAFT CERT.	OPERATION CERT.
Specific High Risk	No limit	No limit	SAIL V SAIL VI	Type Certificate Certificate of Airworthiness	As manned aviation (Air Ops)
Over assemblies of people	No limit	3 m or more	-	Type Certificate Certificate of Airworthiness	As manned aviation (Air Ops)
Transport of people		No limit	-	Type Certificate Certificate of Airworthiness	As manned aviation (Air Ops)
Carriage of dangerous goods			High level robustness mitigation for third parties ⁶	Type Certificate Certificate of Airworthiness	As manned aviation (Air Ops)

⁶ Example: Payload is not in a crash-protected container