



European Union Aviation Safety Agency

Notice of Proposed Amendment 2025-03 (C)

in accordance with Article 6 of MB Decision 01-2022

**NPA 2025-03 (C) – Proposed amendments to Annex I (Part 21) to
Regulation (EU) No 748/2012**

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Proposed amendments

The amendment(s) is (are) arranged as follows to show deleted, new, and unchanged:

- deleted text is ~~struck through~~;
- new text is highlighted in **blue**;
- an ellipsis '[...]' indicates that the rest of the text is unchanged.

Cover regulation

COMMISSION REGULATION (EU) No 748/2012

[...]

Annex I

PART 21

SECTION A — TECHNICAL REQUIREMENTS

[...]

SECTION B — PROCEDURES FOR COMPETENT AUTHORITIES

[...]

SUBPART B — TYPE-CERTIFICATES AND RESTRICTED TYPE-CERTIFICATES

[...]

21.B.85 Applicable environmental protection requirements for a type certificate or restricted type certificate

~~(a)~~ For a type certificate or restricted type certificate for an aircraft or for a type certificate for an engine, the Agency shall designate and notify to the applicant the ~~applicable~~ environmental protection requirements **applicable to the product at the date of application for that certificate:**

- (a)** from the ~~essential~~ requirements referred to in the first subparagraph of Article 9(2) of Regulation (EU) 2018/1139; **or**
- (b)** ~~(reserved)~~ from the requirements in Regulation (EU) 20YY/XXXX, provided that the requirements in point (a) are not applicable to the product and that Regulation (EU) 20YY/XXXX contains requirements applicable to the product.

[...]

GM2 21.B.85 Applicable environmental protection requirements for a type certificate or restricted type certificate

APPLICABLE ENVIRONMENTAL PROTECTION REQUIREMENTS

[...]

3. Regulation (EU) 20YY/XXXX (21.B.85(b))

In case Volumes I, II and III of ICAO Annex 16 do not contain SARPs applicable to the design of the product, EASA designates the environmental protection requirements in Regulation (EU) 20YY/XXXX if applicable requirements have been developed in that regulation.

[...]

GM1 21.B.85(b) Applicable environmental protection requirements for a type certificate or restricted type certificate

CONTENT OF REGULATION (EU) 20YY/XXXX

Annex I (Part-NVCA) to Regulation (EU) 20YY/XXXX provides the requirements for the noise certification of vertical take-off and landing (VTOL)-capable aircraft (VCA).

[...]

SUBPART I — NOISE CERTIFICATES

[...]

21.B.425 Issuance of noise certificates

The competent authority of the Member State of registry shall, as applicable, issue, or amend noise certificates (EASA Form 45 or EASA Form 45c, see Appendix VII) without undue delay when it is satisfied that the applicable requirements of Section A, Subpart I are met.

[...]

Appendices

EASA FORMS

[...]

Appendix VII — EASA Form 45 and EASA Form 45c – Noise Certificate

[...]

Appendix VII

Noise Certificate – EASA Form 45

For use by State of registry	1. State of registry	3. Document No:
2. NOISE CERTIFICATE		
4. Registration marks:	5. Manufacturer and manufacturer's designation of the aircraft:	6. Aircraft serial No:
.....
7. Manufacturer and manufacturer's designation of the engine(s):	8. Manufacturer and manufacturer's designation of the propeller(s) ⁽¹⁾ :	
.....	

9. Maximum take-off mass (kg):	10. Maximum landing mass (kg) ⁽¹⁾ :	11. Noise certification standard:		
12. Additional modifications incorporated for the purpose of compliance with the applicable noise certification standards:				
13. Lateral/full-power noise level ⁽¹⁾ :	14. Approach noise level ⁽¹⁾ :	15. Flyover noise level ⁽¹⁾ :	16. Overflight noise level ⁽¹⁾ :	17. Take-off noise level ⁽¹⁾ :
Remarks:				
18. This noise certificate is issued pursuant to Annex 16, Volume I to the Convention on International Civil Aviation, signed in Chicago on 7 December 1944, and Article 14(1) of Regulation (EU) 2018/1139 in respect of the above-mentioned aircraft, which is considered to comply with the indicated noise standard when maintained and operated in accordance with the relevant requirements and operating limitations.				
19. Date of issue 20. Signature				

EASA Form 45 — Issue 2

⁽¹⁾ These boxes may be omitted depending on the noise certification standard.

Note: EASA Form 45 is used by the Member State of registry to attest the noise certification of an individual aircraft that complies with the applicable noise requirements designated by the Agency in accordance with point 21.B.85(a) of Annex I (Part 21) of Commission Regulation (EU) No 748/2012.

GM1 Appendix VII

NOISE CERTIFICATE CONTENT – EASA Form 45

This GM provides guidance on the content of a noise certificate that is issued by the competent authority of the Member State of registry to attest the noise certification of an individual aircraft that complies with the applicable noise requirements designated by the Agency in accordance with point 21.B.85(a).

The competent authority establishes the noise certificate by completing EASA Form 45. Most of the information for the completion of this Form can be found in the EASA certification noise levels database¹ or in the EASA aircraft type-certificated data sheet for noise (TCDSN).

[...]

Noise Certificate – EASA Form 45c

For use by the State of registry	1. State of registry	3. Document No:
2. NOISE CERTIFICATE		

¹ <https://www.easa.europa.eu/en/domains/environment/easa-certification-noise-levels>.

4. Registration marks: 		5. Type certificate holder and type certificate holder's designation of aircraft: 		6. Aircraft serial No: 	
7. Powerplant: 			8. Tilting or non-tilting rotors: 		
9. Maximum take-off mass (kg) 			10. Noise certification standard: 		
11. Additional modifications incorporated for the purpose of compliance with the applicable noise certification standards: 					
12. Take-off noise level: 	13. Overflight noise level: 	14. Overflight noise level in aeroplane mode ¹ : 	15. Approach noise level: 	16. Hover noise level: 	
17. Remarks 					
18. This noise certificate is issued pursuant to Article 14(1) of Regulation (EU) 2018/1139 in respect of the abovementioned aircraft, which is considered to comply with the indicated noise standard when maintained and operated in accordance with the relevant requirements and operating limitations.					
19. Date of issue 20. Signature					

EASA Form 45c – Issue 1

⁽¹⁾ This box must be filled in only for a VCA powered by tilting rotors.

Note: EASA Form 45c is used by the Member State of registry to attest the noise certification of an individual VTOL-capable aircraft that complies with the applicable noise requirements in Annex I (Part-NVCA) of Regulation (EU) 20YY/XXXX as designated by the Agency in accordance with point 21.B.85(b) of Annex I (Part 21) of Commission Regulation (EU) No 748/2012.

GM2 Appendix VII

NOISE CERTIFICATE CONTENT – EASA Form 45c

This GM provides guidance on the content of a noise certificate that is issued by the competent authority of the Member State of registry to attest the noise certification of an individual VCA that complies with the applicable noise requirements in Annex I (Part-NVCA) of Regulation (EU) 20YY/XXXX as designated by the Agency in accordance with point 21.B.85(b).

The competent authority establishes the noise certificate by completing EASA Form 45c. Most of the information for the completion of this form can be found in the EASA certification noise levels database or in the EASA aircraft TCDSN.

The noise certificate contains information for a unique configuration of the aircraft. In particular, the blocks of the noise certificate cannot contain multiple entries corresponding to alternative weight variants, powerplant variants and/or noise levels for the same aircraft.

If a competent authority issues a noise certificate in a language other than English, it should provide an English translation.

Block 'For use by the State of registry'

This block contains the name and/or logo of the competent authority issuing the noise certificate.

Block 1 State of registry

Block 1 contains the name of the Member State of registry issuing the noise certificate. This name should match the name on the certificate of registration and the certificate of airworthiness.

Block 2 Noise certificate

Block 2 contains the title of EASA Form 45c ('Noise certificate').

Block 3 Document No

Block 3 contains the unique number allocated by the competent authority of the Member State of registry to allow the identification of the noise certificate issued. This number facilitates any enquiries with respect to the noise certificate.

Block 4 Registration marks

Block 4 contains the nationality and registration marks of the aircraft as established by the competent authority of the Member State of registry. The marks should match the ones in the certificate of registration and the certificate of airworthiness.

Block 5 Manufacturer and manufacturer's designation of the aircraft

Block 5 contains the name of the manufacturer of the aircraft and the designation of the aircraft. This information should match the corresponding one in the certificate of registration and the certificate of airworthiness.

Block 6. Aircraft serial No

Block 6 contains the aircraft serial number as given by the manufacturer of the aircraft. This number should match the corresponding one in the certificate of registration and the certificate of airworthiness.

Block 7 Powerplant

Block 7 contains a description of the powerplant of the aircraft, which may consist of several sets of engines/motors. It should also list the number of identical powerplant units of each set (e.g. '[number] × [engine/motor model 1] of [power value] kW each, [number] × [engine/motor model 2] of [power value] kW each').

Block 8 Tilting or non-tilting rotors

If the VCA is powered exclusively by non-tilting rotors, Block 8 says 'Non-tilting'. If the VCA is powered, at least partially, by tilting rotors, Block 8 says 'Tilting'.

Block 9 Maximum take-off mass (kg)

Block 9 contains the maximum take-off mass of the aircraft in kilograms (kg), at which the noise levels are certified. The unit 'kg' is specified to avoid any misinterpretation.

Block 10 Noise certification standard

Block 10 contains the reference to the point in Subpart C of Part-NVCA that contains the noise limits in compliance with which the VCA is certified (e.g. 'NVCA.C.100 of Annex I (Part-NVCA) to Regulation (EU) 20YY/XXXX').

Block 11 Additional modifications incorporated for the purpose of compliance with the applicable noise certification standards

Block 11 contains design changes influencing the aircraft's noise level(s). These are listed in the TCDSN or the EASA certification noise levels database.

Block 12 Take-off noise level

Block 12 contains the take-off noise level certified in accordance with Part-NVCA. This level is provided to the nearest tenth of an effective perceived noise level (in units of EPNdB) together with the related noise level unit.

Block 13 Overflight noise level

Block 13 contains the overflight noise level certified in accordance with Part-NVCA to the nearest tenth of an effective perceived noise level (in units of EPNdB). For a VCA powered by tilting rotors certified in compliance with Part-NVCA, this information is provided for the vertical take-off and landing (VTOL) / conversion mode only.

Block 14 Overflight noise level in aeroplane mode

Block 14 contains the overflight noise level certified in accordance with Part-NVCA to the nearest tenth of an effective perceived noise level (in units of EPNdB). For a VCA powered by tilting rotors certified in compliance with Part-NVCA, this information is provided for the aeroplane mode only. For a VCA powered by non-tilting rotors, this block is not filled.

Block 15 Approach noise level

Block 15 contains the approach noise level certified in accordance with Part-NVCA. This level is provided to the nearest tenth of an effective perceived noise level (in units of EPNdB).

Block 16 Hover noise level

Block-16 contains the hover noise level certified in accordance with Part-NVCA. This level is provided to the nearest tenth of an A-weighted equivalent continuous sound pressure level (in units of dB(A)).

Block 17 Remarks

This block can be used by the competent authority to provide any information that is relevant to the noise certificate complementing the information in the other blocks. For example, this block can be used to indicate the corresponding unique record number from the EASA certification noise levels database. For a VCA certified in accordance with Part-NVCA, it can also be used to list the noise levels obtained at the nine hover measurement locations.

Block 18 Statement of compliance

Block 17 contains the statement of compliance of the aircraft with the noise standard as referred to in the noise certificate (Block 10). This statement is provided by default in EASA Form 45c.

Block 19 Date of issue

Block 18 contains the date on which the document is issued.

Block 20 Signature

Block 19 contains the signature of the officer issuing the noise certificate. Other information may be added, such as a seal and a stamp.

[...]