



# Easy Access Rules for Aircraft Noise (CS-36) (Amendment 4)

## **EASA eRules: aviation rules for the 21st century**

Rules and regulations are the core of the European Union civil aviation system. The aim of the **EASA eRules** project is to make them **accessible** in an efficient and reliable way to stakeholders.

**EASA eRules** will be a comprehensive, single system for the drafting, sharing and storing of rules. It will be the single source for all aviation safety rules applicable to European airspace users. It will offer easy (online) access to all rules and regulations as well as new and innovative applications such as rulemaking process automation, stakeholder consultation, cross-referencing, and comparison with ICAO and third countries' standards.

To achieve these ambitious objectives, the **EASA eRules** project is structured in ten modules to cover all aviation rules and innovative functionalities.

The **EASA eRules** system is developed and implemented in close cooperation with Member States and aviation industry to ensure that all its capabilities are relevant and effective.

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<sup>1</sup> The published date represents the date when the consolidated version of the document was generated.

## **DISCLAIMER**

This version is issued by the European Aviation Safety Agency (EASA) in order to provide its stakeholders with an updated and easy-to-read publication. It has been prepared by putting together the certification specifications with the related acceptable means of compliance and guidance material. However, this is not an official publication and EASA accepts no liability for damage of any kind resulting from the risks inherent in the use of this document.

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## NOTE FROM THE EDITOR

The content of this document is arranged as follows: the certification specifications (CS) are followed by the related acceptable means of compliance (AMC) and guidance material (GM) paragraph(s).

All elements (i.e. CS, AMC and GM) are colour-coded and can be identified according to the illustration below. The EASA Executive Director (ED) decision through which the point or paragraph was introduced or last amended is indicated below the paragraph title(s) *in italics*.

<b>Certification specification</b>	<i>ED decision</i>
<b>Acceptable means of compliance</b>	<i>ED decision</i>
<b>Guidance material</b>	<i>ED decision</i>

The format of this document has been adjusted to make it user-friendly and for reference purposes. Any comments should be sent to [erules@easa.europa.eu](mailto:erules@easa.europa.eu).

## INCORPORATED AMENDMENTS

### CS/AMC/GM (ED DECISIONS)

Incorporated ED Decision	CS/AMC/GM Issue No, Amendment No	Applicability date
<a href="#">ED Decision 2003/4/RM</a>	CS-36 / Initial issue	17/10/2003
<a href="#">ED Decision 2007/007/R</a>	CS-36 / Amendment 1	3/4/2007
<a href="#">ED Decision 2009/012/R</a>	CS-36 / Amendment 2	7/9/2009
<a href="#">ED Decision 2013/003/R</a>	CS-36 / Amendment 3	29/1/2013
<a href="#">ED Decision 2016/002/R</a>	CS-36 / Amendment 4	26/1/2016

*Note: To access the official versions, please click on the hyperlinks provided above.*

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## PREAMBLE

*ED Decision 2016/002/R*

### CS-36 Amendment 4

The following is a list of paragraphs affected by this amendment:

CS 36.1	Amended
AMC 36.1(a) to (i)	Amended
AMC 36.1(j) and (k)	Added
GM 36.1(a)	Amended
GM 36.1(e)	Amended
GM 36.1(g)	Amended
GM 36.1(h)	Amended
GM 36.1(i)	Added
GM 36.1 final section	Amended

*ED Decision 2013/003/R*

### CS-36 Amendment 3

The following is a list of paragraphs affected by this amendment:

GM 36.1(a) to (c)	Amended
GM 36.1(d) to (r) of amendment 2	Deleted
GM 36.1(d) to (i)	Added
GM 36.1 final section	Amended

*ED Decision 2009/012/R*

### CS-36 Amendment 2

The following is a list of paragraphs affected by this amendment:

GM 36.1(p)	Amended
GM 36.1(q)	Amended
GM 36.1(r)	Added
GM 36.1 final section	Amended

*ED Decision 2007/007/R*

### CS-36 Amendment 1

The following is a list of paragraphs affected by this amendment:

Preamble	Preamble added
AMC 36.1(a) to (i)	Amended
GM 36.1(a) to (h), (j) and (q)	Amended
GM 36.1(i)	Deleted and reserved
GM 36.1 final section	Amended

## CS & AMC/GM FOR AIRCRAFT NOISE

### CS 36.1 Aircraft noise

*ED Decision 2016/002/R*

The aircraft must be designed to comply with the applicable noise requirements defined under 21.A.18(a).

[Amdt 36/4]

### AMC 36.1 Aircraft noise

*ED Decision 2016/002/R*

The acceptable means of compliance for aircraft noise are presented in:

- (a) for aeroplanes for which Chapter 2 of Annex 16 to the Chicago Convention<sup>1</sup>, Volume I, Part II is applicable, Appendix 1 to Annex 16, Volume I;
- (b) for aeroplanes for which Chapter 3 of Annex 16 to the Chicago Convention, Volume I, Part II is applicable, Appendix 2 to Annex 16, Volume I;
- (c) for aeroplanes for which Chapter 4 of Annex 16 to the Chicago Convention, Volume I, Part II is applicable, Appendix 2 to Annex 16, Volume I;
- (d) for aeroplanes for which Chapter 5 of Annex 16 to the Chicago Convention, Volume I, Part II is applicable, Appendix 2 to Annex 16, Volume I;
- (e) for aeroplanes for which Chapter 6 of Annex 16 to the Chicago Convention, Volume I, Part II is applicable, Appendix 3 to Annex 16, Volume I;
- (f) for helicopters for which Chapter 8 of Annex 16 to the Chicago Convention, Volume I, Part II is applicable, Appendix 2 to Annex 16, Volume I;
- (g) for aeroplanes for which Chapter 10 of Annex 16 to the Chicago Convention, Volume I, Part II is applicable, Appendix 6 to Annex 16, Volume I;
- (h) for helicopters for which Chapter 11 of Annex 16 to the Chicago Convention, Volume I, Part II is applicable, Appendix 4 to Annex 16, Volume I;
- (i) for aeroplanes for which Chapter 12 of Annex 16 to the Chicago Convention, Volume I, Part II is applicable, Appendix 1 to Annex 16, Volume I;
- (j) for tilt-rotors for which Chapter 13 of Annex 16 to the Chicago Convention, Volume I, Part II is applicable, Appendix 2 to Annex 16, Volume I; and
- (k) for aeroplanes for which Chapter 14 of Annex 16 to the Chicago Convention, Volume I, Part II is applicable, Appendix 2 to Annex 16, Volume I.

[Amdt 36/1]

[Amdt 36/4]

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<sup>1</sup> The Convention on International Civil Aviation on 7 December 1944.



## GM 36.1 Aircraft noise

*ED Decision 2016/002/R*

Guidance material for the application of the certification specifications for aircraft noise is presented in:

- (a) for equations for the calculation of maximum permitted noise levels as a function of take-off mass, Attachment A to ICAO Annex 16, Volume I;
- (b) for evaluating an alternative method of measuring helicopter noise during approach, Attachment D to ICAO Annex 16, Volume I;
- (c) for applicability of noise certification standards for propeller-driven aeroplanes, Attachment E to ICAO Annex 16, Volume I;
- (d) for general guidelines, Chapter 2 of the ICAO Environmental Technical Manual, Volume I;
- (e) for technical procedures applicable for noise certification of all aircraft types, Chapter 3 of the ICAO Environmental Technical Manual, Volume I;
- (f) for guidelines for subsonic jet aeroplanes, propeller-driven aeroplanes over 8 616 kg, and helicopters evaluated under ICAO Annex 16, Volume I, Appendix 2, Chapter 4 of the ICAO Environmental Technical Manual, Volume I;
- (g) for guidelines for propeller-driven aeroplanes not exceeding 8 616 kg evaluated under Appendix 6 to ICAO Annex 16, Volume I, Chapter 5 of the ICAO Environmental Technical Manual, Volume I;
- (h) for guidelines for helicopters not exceeding 3 175 kg evaluated under Appendix 4 to ICAO Annex 16, Volume I, Chapter 6 of the ICAO Environmental Technical Manual, Volume I;
- (i) for guidelines for tilt-rotors evaluated in accordance with Chapter 13 and Attachment F to ICAO Annex 16, Volume I, Chapter 7 of the ICAO Environmental Technical Manual, Volume I; and
- (j) for guidelines for aircraft recertification, Chapter 9 of the ICAO Environmental Technical Manual, Volume I.

References throughout these certification specifications to the ICAO Environmental Technical Manual, Volume I refer to ICAO Doc 9501 — Environmental Technical Manual, Volume I — Procedures for the Noise Certification of Aircraft, Second Edition 2015.

[Amdt 36/1]

[Amdt 36/2]

[Amdt 36/3]

[Amdt 36/4]