

ED Decision 2019/015/R

**CS-36 Amendment 5**

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

CS 36.1	Amended
GM 36.1(d) to (j)	Amended
GM 36.1 final section	Deleted

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) - (i)	Amended
GM 36.1(a) - (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

(See [AMC 36.1](#) and [GM 36.1](#))

The aircraft must be designed to comply with the applicable noise requirements defined under point ~~21.A.18(a)~~ **21.B.85(a)**.

[Amdt 36/4]

**[Amdt 36/5]**

### AMC 36.1 Aircraft noise

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]

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

## GM 36.1 Aircraft noise

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;~~ **for guidelines for noise certification of tilt rotors, Attachment F to ICAO Annex 16, Volume I; and**
- (e) ~~for technical procedures applicable for noise certification of all aircraft types, Chapter 3 of the ICAO Environmental Technical Manual, Volume I;~~ **ICAO Doc 9501 'Environmental Technical Manual', Volume I 'Procedures for the Noise Certification of Aircraft', Third Edition, 2018, except Chapters 1 and 8.**
- (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]

**[Amdt 36/5]**