

**Certification Specifications,
Acceptable Means of Compliance
and
Guidance Material
for
Aircraft Noise

(CS-36)**

Amendment 5

29 July 2019¹

¹ For the date of entry into force of this Amendment, kindly refer to Decision 2019/015/R in the [Official Publication](#) of EASA.

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PREAMBLE

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

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

ED Decision 2019/015/R

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

[Amdt 36/4]

[Amdt 36/5]

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 Convention¹, 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]

¹ The Convention on International Civil Aviation on 7 December 1944.

GM 36.1 Aircraft noise

ED Decision 2019/015/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 guidelines for noise certification of tilt rotors, Attachment F to ICAO Annex 16, Volume I; and
- (e) ICAO Doc 9501 'Environmental Technical Manual', Volume I 'Procedures for the Noise Certification of Aircraft', Third Edition, 2018, except Chapters 1 and 8.

[Amdt 36/1]

[Amdt 36/2]

[Amdt 36/3]

[Amdt 36/4]

[Amdt 36/5]