

**Certification Specifications,  
Acceptable Means of Compliance  
and  
Guidance Material  
for  
Aircraft Engine Emissions and Fuel Venting  
(CS-34)**

Amendment 4

14 July 2021<sup>1</sup>

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<sup>1</sup> For the date of entry into force of this Amendment, kindly refer to Decision 2021/011/R in the [Official Publication](#) of the Agency.

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## PREAMBLE

ED Decision 2021/011/R

### CS-34 Amendment 4

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

CS 34.1	Amended (NPA 2020-06)
GM1 34.1	Added (NPA 2020-06)
CS 34.2	Amended (NPA 2020-06)
AMC 34.2	Deleted (NPA 2020-06)
GM1 34.2	Amended (NPA 2020-06)

ED Decision 2019/014/R

### CS-34 Amendment 3

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

CS 34.1	Amended
CS 34.2	Amended
AMC 34.2(c) and (e)	Amended
AMC 34.2(g)	Added
GM 34.2(a) to (p)	Amended

ED Decision 2016/001/R

### CS-34 Amendment 2

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

CS 34.1	Amended
CS 34.2	Amended
AMC 34.2(a) to (f)	Amended
GM 34.2(a) and (b)	Amended
GM 34.2(f) to (i)	Amended
GM 34.2(j) to (p)	Added
GM 34.2 final section	Amended

ED Decision 2013/002/R

### CS-34 Amendment 1

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

Preamble	Preamble page added
GM 34.2(c) to (i)	Added
GM 34.2 final section	Added

# CS & AMC/GM FOR AIRCRAFT ENGINE EMISSIONS AND FUEL VENTING

## CS 34.1 Fuel venting

The aircraft must be designed to comply with the applicable fuel venting requirements as specified in point 21.A.21 of Annex I (Part 21) to Commission Regulation (EU) No 748/2012.

[Amdt. 34/2]

[Amdt 34/3]

[Amdt 34/4]

## GM1 34.1 Fuel venting

Point 21.A.21 of Annex I (Part 21) to Commission Regulation (EU) No 748/2012 does not list the applicable requirements, but refers to point 21.A.20 of Annex I (Part 21) to Commission Regulation (EU) No 748/2012 that requests the applicant to demonstrate compliance with the environmental protection requirements designated by the Agency in accordance with point 21.B.85 of Annex I (Part 21) to Commission Regulation (EU) No 748/2012. Therefore, the environmental protection requirements which need to be complied with according to point 21.A.21 of Annex I (Part 21) to Commission Regulation (EU) No 748/2012 are in point 21.B.85 of Annex I (Part 21) to Commission Regulation (EU) No 748/2012.

[Amdt 34/4]

## CS 34.2 Aircraft engine emissions

The aircraft **engine** must be designed to comply with the applicable emissions requirements as specified in point 21.A.21 of Annex I (Part 21) to Commission Regulation (EU) No 748/2012.

[Amdt. 34/2]

[Amdt 34/3]

[Amdt 34/4]

## GM1 34.2 Aircraft engine emissions

Point 21.A.21 of Annex I (Part 21) to Commission Regulation (EU) No 748/2012 does not list the applicable requirements, but refers to point 21.A.20 of Annex I (Part 21) to Commission Regulation (EU) No 748/2012 that requests the applicant to demonstrate compliance with the environmental protection requirements designated by the Agency in accordance with point 21.B.85 of Annex I (Part 21) to Commission Regulation (EU) No 748/2012. Therefore, the environmental protection requirements which need to be complied with according to point 21.A.21 of Annex I (Part 21) to Commission Regulation (EU) No 748/2012 are in point 21.B.85 of Annex I (Part 21) to Commission Regulation (EU) No 748/2012.

[Amdt. 34/1]

[Amdt. 34/2]

[Amdt 34/3]

[Amdt 34/4]