

بسم الله الرحمن الرحيم



مقررات ملی هواپیمایی کشوری جمهوری اسلامی ایران

بخش ۳۴

Civil Aviation Regulation of IR.IRAN

Part 34 (CS-34)

**خصوصیات تایید برای انتشار گاز های خروجی موتور هواپیما
و پسماند سوخت**

**Certification Specifications for
Aircraft Engine Emissions and Fuel Venting**

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**Part-34
Aircraft Engine Emissions and Fuel Venting**

BOOK 1 - Aircraft Engine Emissions and Fuel Venting requirements

BOOK 2 - Acceptable Means of Compliance and Guidance Material

Forward

1. For the definitions and abbreviations on this Part may refer to the CAO.IRI Part-Definitions.
2. The content of Book 1 is Aircraft Engine Emissions and Fuel Venting requirements and Book 2 is Acceptable Means of Compliance and Guidance Material.

CAO.IRI Certification Specifications
for
Aircraft Engine Emissions and Fuel Venting

PART-34
Book 1

Aircraft Engine Emissions and Fuel Venting
requirements

BOOK 1

34.1 Fuel venting

The aircraft must be designed to comply with the applicable fuel venting requirements defined under 21A.18 (b) (1).

34.2 Aircraft engine emissions

(See AMC 34.2 and GM 34.2)

The aircraft engine must be designed to comply with the applicable emission requirements defined under 21A.18 (b) (2) and (3).

CAO.IRI Certification Specifications
for
Aircraft Engine Emissions and Fuel Venting

PART-34

Book 2

**Acceptable Means of Compliance
and Guidance Material**

BOOK 2

AMC 34.2 Aircraft engine emissions

The acceptable means of compliance for aircraft engine emissions are presented in:

- (a) for measurement of reference pressure ratio, Appendix 1 of ICAO Annex 16 to the Chicago Convention, Volume II;
- (b) for smoke emission evaluation, Appendix 2 of ICAO Annex 16 to the Chicago Convention, Volume II;
- (c) for instrumentation and measurement techniques for gaseous emissions, Appendix 3, except for its attachments, of ICAO Annex 16 to the Chicago Convention, Volume II;
- (d) for specification for fuel to be used in aircraft turbine engine emission testing, Appendix 4 of ICAO Annex 16 to the Chicago Convention, Volume II;
- (e) for instrumentation and measurement techniques for gaseous emissions from afterburning gas turbine engines, Appendix 5, except for its attachments, of ICAO Annex 16 to the Chicago Convention, Volume II; and
- (f) for compliance procedure for gaseous emissions and smoke, Appendix 6 of ICAO Annex 16 to the Chicago Convention, Volume II.

GM 34.2 Aircraft engine emissions

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

- (a) for instrumentation and measurement techniques for gaseous emissions, the attachments to Appendix 3 of ICAO Annex 16 to the Chicago Convention, Volume II; and
- (b) for instrumentation and measurement techniques for gaseous emissions from afterburning gas turbine engines, the attachments to Appendix 5 of ICAO Annex 16 to the Chicago Convention, Volume II.