Civil Aviation Directive (CAD)
CAD 3408

Certification Specifications for
Aircraft Engine Emissions and Fuel Venting

Aircraft Engineering Department

دفتر مهندسی نظامت بر طراحی و ساخت وسایل پرنده

I.R. of Iran- Civil Aviation Organization
Civil Aviation Directive of IR.IRAN

CAD 3408

Certification Specifications for
Aircraft Engine Emissions and Fuel Venting
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AMENDMENTS
The issue of amendments is announced regularly in the CAO.IRI website, which holders of this publication should consult. The space below is provided to keep a record of such amendments.

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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 Regulation may refer to the CAO.IRI CAD-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

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Book 1

Aircraft Engine Emissions and Fuel Venting requirements
BOOK 1

3408.1 Fuel venting
The aircraft must be designed to comply with the applicable fuel venting requirements defined under 21A.18 (b) (1).

3408.2 Aircraft engine emissions
(See AMC 3408.2 and GM 3408.2)
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
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Book 2

Acceptable Means of Compliance
and Guidance Material
BOOK 2

AMC 3408.2 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 CAO.IRI ICAS 116 Volume II;
(b) for smoke emission evaluation, Appendix 2 of CAO.IRI ICAS 116 Volume II;
(c) for instrumentation and measurement techniques for gaseous emissions, Appendix 3, except for its attachments, of CAO.IRI ICAS 116 Volume II;
(d) for specification for fuel to be used in aircraft turbine engine emission testing, Appendix 4 CAO.IRI ICAS 116 Volume II;
(e) for instrumentation and measurement techniques for gaseous emissions from afterburning gas turbine engines, Appendix 5, except for its attachments, of CAO.IRI ICAS 116 Volume II; and
(f) for compliance procedure for gaseous emissions and smoke, Appendix 6 of CAO.IRI ICAS 116 Volume II.

GM 3408.2 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 CAO.IRI ICAS 116 Volume II; and
(b) for instrumentation and measurement techniques for gaseous emissions from afterburning gas turbine engines, the attachments to Appendix 5 of CAO.IRI ICAS 116 Volume II.