§ 129.117 Flammability reduction means.

(a) Applicability. Except as provided in paragraph (o) of this section, this section applies to U.S.-registered transport category, turbine-powered airplanes with a type certificate issued after January 1, 1958, that as a result of original type certification or later increase in capacity have:

(1) A maximum type-certificated passenger capacity of 30 or more, or

(2) A maximum payload capacity of 7,500 pounds or more.

(b) New Production Airplanes. Except in accordance with §129.14, no foreign air carrier or foreign person may operate any airplane subject §26.33 of this chapter that has an Auxiliary Fuel Tank installed pursuant to a field approval, unless the following requirements are met:

(1) The foreign air carrier or foreign person complies with 14 CFR 26.35 by the applicable date stated in that section.

(2) The foreign air carrier or foreign person installs Flammability Impact Mitigation Means (FIMM), if applicable, that are approved by the FAA Oversight Office.

(3) Except in accordance with §129.14, the FIMM, if applicable, are operational.

(c) Auxiliary Fuel Tanks. After the applicable date stated in paragraph (e) of this section, no foreign air carrier or foreign person may operate any airplane subject §26.33 of this chapter that has an Auxiliary Fuel Tank installed pursuant to a field approval, unless the following requirements are met:

(1) The foreign air carrier or foreign person complies with 14 CFR 26.35 by the applicable date stated in that section.

(2) The foreign air carrier or foreign person installs Flammability Impact Mitigation Means (FIMM), if applicable, that are approved by the FAA Oversight Office.

(3) Except in accordance with §129.14, the FIMM, if applicable, are operational.

TABLE 1

<table>
<thead>
<tr>
<th>Model—Boeing</th>
<th>Model—Airbus</th>
</tr>
</thead>
<tbody>
<tr>
<td>747 Series</td>
<td>A318, A319, A320, A321 Series</td>
</tr>
<tr>
<td>737 Series</td>
<td>A330, A340 Series</td>
</tr>
<tr>
<td>777 Series</td>
<td>767 Series</td>
</tr>
</tbody>
</table>

TABLE 2—AIRPLANES EXCLUDED FROM § 26.21—Continued

<table>
<thead>
<tr>
<th>Airplane model</th>
<th>Default LOV flight cycles (FC) or flight hours (FH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BD–700</td>
<td>15,000 FH</td>
</tr>
<tr>
<td>Bristol Aeroplane Company: Britannia 305</td>
<td>10,000 FC</td>
</tr>
<tr>
<td>British Aerospace Airbus, Ltd.: BAC 1–11 (all models)</td>
<td>85,000 FC</td>
</tr>
<tr>
<td>British Aerospace (Commercial Aircraft) Ltd.: Armstrong Whitworth Argosy A.W. 650 Series 101</td>
<td>20,000 FC</td>
</tr>
<tr>
<td>BAE Systems (Operations) Ltd.: BAe 146–100A (all models)</td>
<td>50,000 FC</td>
</tr>
<tr>
<td>D &amp; R Nevada, LLC: Convair Model 22</td>
<td>1,000 FC/1,000 FH</td>
</tr>
<tr>
<td>deHavilland Aircraft Company, Ltd.: D.H. 106 Comet 4C</td>
<td>8,000 FH</td>
</tr>
<tr>
<td>Gulfstream: GV</td>
<td>40,000 FH</td>
</tr>
<tr>
<td>Ilyushin Aviation Complex: IL–96T</td>
<td>10,000 FC/30,000 FH</td>
</tr>
<tr>
<td>Lockheed: 700–50A01 (USAF C 141A)</td>
<td>20,000 FC</td>
</tr>
</tbody>
</table>

(d) Retrofit. After the dates specified in paragraph (e) of this section, no foreign air carrier or foreign person may operate an airplane to which this section applies unless the requirements of paragraphs (d)(1) and (d)(2) of this section are met.

(1) IMM, FRM or FIMM, if required by §§ 26.33, 26.35, or 26.37 of this chapter, that are approved by the FAA Oversight Office, are installed within the compliance times specified in paragraph (e) of this section.

(2) Except in accordance with §129.14, the IMM, FRM or FIMM, as applicable, are operational.

(e) Compliance Times. Except as provided in paragraphs (k) and (l) of this section, the installations required by paragraph (d) of this section must be accomplished no later than the applicable dates specified in paragraph (e)(1) or (e)(2) of this section.

(1) Fifty percent of each foreign air carrier or foreign person’s fleet identified in paragraph (d)(1) of this section must be modified no later than December 26, 2014.

(2) One hundred percent of each foreign air carrier or foreign person’s fleet of airplanes subject to paragraph (d)(1) or this section must be modified no later than December 26, 2017.

(3) For those foreign air carriers or foreign persons that have only one airplane for a model identified in Table 1, the airplane must be modified no later than December 26, 2017.

(f) Compliance after Installation. Except in accordance with §129.14, no person may—

(1) Operate an airplane on which IMM or FRM has been installed before the dates specified in paragraph (e) of this section unless the IMM or FRM is operational.

(2) Deactivate or remove an IMM or FRM once installed unless it is replaced by a means that complies with paragraph (d) of this section.

(g) Maintenance Program Revisions. No foreign air carrier or foreign person may operate an airplane for which airworthiness limitations have been approved by the FAA Oversight Office in accordance with §§26.33, 26.35, or 26.37 of this chapter after the airplane is modified in accordance with paragraph (d) of this section unless the maintenance program for that airplane is revised to include those applicable airworthiness limitations.

(h) After the maintenance program is revised as required by paragraph (g) of this section, before returning an airplane to service after any alteration for which airworthiness limitations are required by §§25.981, 26.33, 26.35, or 26.37 of this chapter, the foreign person or foreign air carrier must revise the maintenance program for the airplane to include those airworthiness limitations.

(1) The maintenance program changes identified in paragraphs (g) and (h) of this section must be submitted to the operator’s assigned Flight Standards Office or Principal Inspector for review and approval prior to incorporation.

(j) The requirements of paragraph (d) of this section do not apply to airplanes operated in all-cargo service, but those airplanes are subject to paragraph (f) of this section.

(k) The compliance dates specified in paragraph (e) of this section may be extended by one year, provided that—

(1) No later than March 26, 2009, the foreign air carrier or foreign person notifies its assigned Flight Standards Office or Principal Inspector that it intends to comply with this paragraph;

(2) No later than June 24, 2009, the foreign air carrier or foreign person applies for an amendment to its operations specifications in accordance with §129.11 to include a requirement for the airplane models specified in Table 2 of this section to use ground air conditioning systems for actual gate times of more than 30 minutes, when available at the gate and operational, whenever the ambient temperature exceeds 60 degrees Fahrenheit; and

(3) Thereafter, the certificate holder uses ground air conditioning systems as described in paragraph (k)(2) of this section on each airplane subject to the extension.

Table 2

<table>
<thead>
<tr>
<th>Model—Boeing</th>
<th>Model—Airbus</th>
</tr>
</thead>
<tbody>
<tr>
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<td>A330, A340 Series</td>
</tr>
</tbody>
</table>
TABLE 2—Continued

<table>
<thead>
<tr>
<th>Model—Boeing</th>
<th>Model—Airbus</th>
</tr>
</thead>
<tbody>
<tr>
<td>767 Series</td>
<td></td>
</tr>
<tr>
<td>757 Series</td>
<td></td>
</tr>
</tbody>
</table>

(i) For any foreign air carrier or foreign person for which the operating certificate is issued after December 26, 2008, the compliance date specified in paragraph (e) of this section may be extended by one year, provided that the foreign air carrier or foreign person meets the requirements of paragraph (k)(2) of this section when its initial operations specifications are issued and, thereafter, uses ground air conditioning systems as described in paragraph (k)(2) of this section on each airplane subject to the extension.

(m) After the date by which any person is required by this section to modify 100 percent of the affected fleet, no person may operate in passenger service any airplane model specified in Table 2 of this section unless the airplane has been modified to comply with § 26.33(c) of this chapter.

TABLE 3

<table>
<thead>
<tr>
<th>Model—Boeing</th>
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<td>757 Series</td>
<td></td>
</tr>
</tbody>
</table>

(n) No foreign air carrier or foreign person may operate any airplane on which an auxiliary fuel tank is installed after December 26, 2017 unless the FAA has certified the tank as compliant with §25.981 of this chapter, in effect on December 26, 2008.

(o) Exclusions. The requirements of this section do not apply to the following airplane models:

1. Convair CV-240, 340, 440, including turbine powered conversions.
2. Lockheed L-188 Electra.
4. Douglas DC-3, including turbine powered conversions.
5. Bombardier CL-44.
7. BAC 1-11.
8. Concorde.
9. deHavilland D.H. 106 Comet 4C.
11. Illyushin Aviation IL 96T.
13. Handley Page Herald Type 300.
14. Avions Marcel Dassault—Breguet Aviation Mercure 100C.
15. Airbus Caravelle.
17. Lockheed L–300.


Subpart C—Special Federal Aviation Regulations

§ 129.201 SFAR No. 111—Lavatory Oxygen Systems.

The requirements of §121.1500 of this chapter also apply to this part.


APPENDIX A TO PART 129 [RESERVED]

PART 133—ROTORCRAFT EXTERNAL-LOAD OPERATIONS

Subpart A—Applicability

Sec.
133.1 Applicability.

Subpart B—Certification Rules

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133.13 Duration of certificate.
133.14 Carriage of narcotic drugs, marihuana, and depressant or stimulant drugs or substances.
133.15 Application for certificate issuance or renewal.
133.17 Requirements for issuance of a rotorcraft external-load operator certificate.
133.19 Rotorcraft.
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133.25 Amendment of certificate.
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Subpart C—Operating Rules and Related Requirements

133.31 Emergency operations.
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133.35 Carriage of persons.
133.37 Crewmember training, currency, and testing requirements.
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