

(a) For primary, normal, transport, and restricted category helicopters having a maximum certificated takeoff weight of not more than 6,000 pounds and noise tested under this appendix, the Stage 2 noise limit is 82 decibels SEL for helicopters with maximum certificated takeoff weight at which the noise certification is requested, of up to 1,764 pounds and increasing at a rate of 3.01 decibels per doubling of weight thereafter. The limit may be calculated by the equation:

$$L_{AE(\text{limit})} = 82 + 3.01 [\log_{10}(\text{MTOW}/1764) / \log_{10}(2)] \text{ dB};$$

where MTOW is the maximum takeoff weight, in pounds, for which certification under this appendix is requested.

(b) The procedures required in this amendment shall be done in accordance with the International Electrotechnical Commission IEC Publication No. 804, entitled "Integrating-averaging Sound Level Meters," First Edition, dated 1985. This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from the Bureau Central de la Commission Electrotechnique Internationale, 1, rue de Varembe, Geneva, Switzerland or the American National Standard Institute, 1430 Broadway, New York City, New York 10018, and can be inspected at the Office of the Federal Register, 800 North Capitol Street NW., suite 700, Washington, DC.

[Doc. No. 26910, 57 FR 42855, Sept. 16, 1992, as amended by Amdt. 36-20, 57 FR 46243, Oct. 7, 1992]

PART 39—AIRWORTHINESS DIRECTIVES

Subpart A—General

Sec.

- 39.1 Applicability.
- 39.3 General.

Subpart B—Airworthiness Directives

- 39.11 Applicability.
- 39.13 Airworthiness directives.

AUTHORITY: 49 U.S.C. 106(g), 40113, 44701.

SOURCE: Docket No. 5061, 29 FR 14403, Oct. 20, 1964, unless otherwise noted.

Subpart A—General

§ 39.1 Applicability.

This part prescribes airworthiness directives that apply to aircraft, aircraft engines, propellers, or appliances (hereinafter referred to in this part as "products") when—

(a) An unsafe condition exists in a product; and

(b) That condition is likely to exist or develop in other products of the same type design.

[Doc. No. 5061, 29 FR 14403, Oct. 20, 1964, as amended by Amdt. 39-106, 30 FR 8826, July 14, 1965]

§ 39.3 General.

No person may operate a product to which an airworthiness directive applies except in accordance with the requirements of that airworthiness directive.

Subpart B—Airworthiness Directives

§ 39.11 Applicability.

This subpart identifies those products in which the Administrator has found an unsafe condition as described in § 39.1 and, as appropriate, prescribes inspections and the conditions and limitations, if any, under which those products may continue to be operated.

§ 39.13 Airworthiness directives.

All airworthiness directives contained in § 507.10 of the regulations of the Administrator are hereby transferred to this section of the Federal Aviation Regulations.

EDITORIAL NOTE: Airworthiness directives prescribed under this subpart were published in full in the FEDERAL REGISTER at 21 FR 9449, Dec. 4, 1956. For FEDERAL REGISTER citations to amendments in 1957 and subsequent years, see former § 507.10 of this title, in a separate volume entitled "List of Sections Affected 1949-1963." See also § 39.13 in a separate volume entitled "List of CFR Sections Affected, 1964-1972 and 1973-1985," and the List of CFR Sections Affected at the end of this volume.

PART 43—MAINTENANCE, PREVENTIVE MAINTENANCE, REBUILDING, AND ALTERATION

Sec.

- 43.1 Applicability.
- 43.2 Records of overhaul and rebuilding.
- 43.3 Persons authorized to perform maintenance, preventive maintenance, rebuilding, and alterations.
- 43.5 Approval for return to service after maintenance, preventive maintenance, rebuilding, or alteration.