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Subpart E—Design and Construction; Turbine Aircraft Engines

- 33.61 Applicability.
- 33.62 Stress analysis.
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- 33.75 Safety analysis.
- 33.76 Bird ingestion.
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- 33.81 Applicability.
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- 33.84 Engine overtorque test.
- 33.85 Calibration tests.
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 33.88 Engine overtemperature test.
- 33.89 Operation test
- 33.89 Operation test.
- 33.90 Initial maintenance inspection test.
- 33.91 Engine system and component tests.
- 33.92 Rotor locking tests.
- 33.93 Teardown inspection.
- 33.94 Blade containment and rotor unbalance tests.
- 33.95 Engine-propeller systems tests.
- 33.96 Engine tests in auxiliary power unit (APU) mode.
- 33.97 Thrust reversers.
- 33.99 General conduct of block tests.

Subpart G—Special Requirements: Turbine Aircraft Engines

33.201 Design and test requirements for Early ETOPS eligibility.

APPENDIX A TO PART 33—INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

APPENDIX B TO PART 33—CERTIFICATION STANDARD ATMOSPHERIC CONCENTRATIONS OF RAIN AND HAIL AUTHORITY: 49 U.S.C. 106(g), 40113, 44701–44702, 44704.

SOURCE: Docket No. 3025, 29 FR 7453, June 10, 1964, unless otherwise noted.

NOTE: For miscellaneous amendments to cross references in this Part 33, see Amdt. 33–2, 31 FR 9211, July 6, 1966.

Subpart A—General

§ 33.1 Applicability.

- (a) This part prescribes airworthiness standards for the issue of type certificates and changes to those certificates, for aircraft engines.
- (b) Each person who applies under part 21 for such a certificate or change must show compliance with the applicable requirements of this part and the applicable requirements of part 34 of this chapter.

[Amdt. 33–7, 41 FR 55474, Dec. 20, 1976, as amended by Amdt. 33–14, 55 FR 32861, Aug. 10, 1990]

§ 33.3 General.

Each applicant must show that the aircraft engine concerned meets the applicable requirements of this part.

§ 33.4 Instructions for Continued Airworthiness.

The applicant must prepare Instructions for Continued Airworthiness in accordance with appendix A to this part that are acceptable to the Administrator. The instructions may be incomplete at type certification if a program exists to ensure their completion prior to delivery of the first aircraft with the engine installed, or upon issuance of a standard certificate of airworthiness for the aircraft with the engine installed, whichever occurs later.

[Amdt. 33-9, 45 FR 60181, Sept. 11, 1980]

§33.5 Instruction manual for installing and operating the engine.

Each applicant must prepare and make available to the Administrator prior to the issuance of the type certificate, and to the owner at the time of delivery of the engine, approved instructions for installing and operating the engine. The instructions must include at least the following: