

be flown at night; these tests are irreducible.

(b) *Proving tests for kinds of operations.* Unless otherwise authorized by the Administrator, for each type of airplane, a certificate holder must conduct at least 50 hours of proving tests acceptable to the Administrator for each kind of operation it intends to conduct, including a representative number of flights into en route airports.

(c) *Proving tests for materially altered airplanes.* Unless otherwise authorized by the Administrator, for each type of airplane that is materially altered in design, a certificate holder must conduct at least 50 hours of proving tests acceptable to the Administrator for each kind of operation it intends to conduct with that airplane, including a representative number of flights into en route airports.

(d) *Definition of materially altered.* For the purposes of paragraph (c) of this section, a type of airplane is considered to be materially altered in design if the alteration includes—

* * * * *

Subpart I—[Amended]

25. Subpart I is amended by removing the words “transport category” wherever they appear.

26. Paragraphs (a), (b), (c), and (e) of § 121.173 are revised to read as follows:

§ 121.173 General.

(a) Except as provided in paragraph (c) of this section, each certificate holder operating a reciprocating-engine-powered airplane shall comply with §§ 121.175 through 121.187.

(b) Except as provided in paragraph (c) of this section, each certificate holder operating a turbine-engine-powered airplane shall comply with the applicable provisions of §§ 121.189 through 121.197, except that when it operates—

(1) A turbo-propeller-powered airplane type certificated after August 29, 1959, but previously type certificated with the same number of reciprocating engines, the certificate holder may comply with §§ 121.175 through 121.187; or

(2) Until December 20, 2010, a turbo-propeller-powered airplane described in § 121.157(f), the certificate holder may comply with the applicable performance requirements of appendix K of this part.

(c) Each certificate holder operating a large nontransport category airplane type certificated before January 1, 1965, shall comply with §§ 121.199 through 121.205 and any determination of compliance must be based only on approved performance data.

* * * * *

(e) Except as provided in paragraph (c) of this section, no person may take off a reciprocating-engine-powered airplane at a weight that is more than the allowable weight for the runway being used (determined under the runway takeoff limitations of the transport category operating rules of 14 CFR part 121, subpart I) after taking into account the temperature operating correction factors in the applicable Airplane Flight Manual.

* * * * *

27. Section 121.175 is amended by revising the section heading and adding a new paragraph (f) to read as follows:

§ 121.175 Airplanes: Reciprocating-engine-powered: Weight limitations.

* * * * *

(f) This section does not apply to large nontransport category airplanes operated under § 121.173(c).

28. Section 121.177 is amended by revising the section heading and adding a new paragraph (c) to read as follows:

§ 121.177 Airplanes: Reciprocating-engine-powered: Takeoff limitations.

* * * * *

(c) This section does not apply to large nontransport category airplanes operated under § 121.173(c).

29. Section 121.179 is amended by revising the section heading and adding a new paragraph (c) to read as follows:

§ 121.179 Airplanes: Reciprocating-engine-powered: En route limitations: all engines operating.

* * * * *

(c) This section does not apply to large nontransport category airplanes operated under § 121.173(c).

30. Section 121.181 is amended by revising the section heading; by revising the formulas in paragraphs (a) and (c)(1) to read “ $(0.079-0.106/N) V_{so2}$ ” and revising “ $0.026 V_{so2}$ ” in paragraphs (a) and (c)(1) to read “ $0.026 V_{so2}^2$ ”; and adding a new paragraph (d) to read as follows:

§ 121.181 Airplanes: Reciprocating-engine-powered: En route limitations: One engine inoperative.

* * * * *

(d) This section does not apply to large nontransport category airplanes operated under § 121.173(c).

§ 121.183 [Amended]

31. Section 121.183 is amended by revising “ $0.0013 V_{so2}$ ” in paragraphs (a)(2) and (b)(3) to read “ $0.013 V_{so2}$ ”.

32. Section 121.185 is amended by revising the section heading and adding a new paragraph (c) to read as follows:

§ 121.185 Airplanes: Reciprocating-engine-powered: Landing limitations: Destination airport.

* * * * *

(c) This section does not apply to large nontransport category airplanes operated under § 121.173(c).

33. Section 121.187 is amended by revising the section heading, designating the existing text as paragraph (a), and by adding a new paragraph (b) to read as follows:

§ 121.187 Airplanes: Reciprocating-engine-powered: Landing limitations: Alternate airport.

* * * * *

(b) This section does not apply to large nontransport category airplanes operated under § 121.173(c).

34. Section 121.211 is revised to read as follows:

§ 121.211 Applicability.

(a) This subpart prescribes special airworthiness requirements applicable to certificate holders as stated in paragraphs (b) through (e) of this section.

(b) Except as provided in paragraph (d) of this section, each airplane type certificated under Aero Bulletin 7A or part 04 of the Civil Air Regulations in effect before November 1, 1946 must meet the special airworthiness requirements in §§ 121.215 through 121.283.

(c) Each certificate holder must comply with the requirements of §§ 121.285 through 121.291.

(d) If the Administrator determines that, for a particular model of airplane used in cargo service, literal compliance with any requirement under paragraph (b) of this section would be extremely difficult and that compliance would not contribute materially to the objective sought, he may require compliance only with those requirements that are necessary to accomplish the basic objectives of this part.

(e) No person may operate under this part a nontransport category airplane type certificated after December 31, 1964, unless the airplane meets the special airworthiness requirements in § 121.293.

§ 121.213 [Reserved]

35. Section 121.213 is removed and reserved.

36. Section 121.285 is amended by revising paragraph (a) and by adding a new paragraph (d) to read as follows:

§ 121.285 Carriage of cargo in passenger cargo compartments.

(a) Except as provided in paragraph (b), (c), or (d) of this section, no