UNITED STATES OF AMERICA
FEDERAL AVIATION AGENCY
WASHINGTON, D.C.

Civil Air Regulations Amendment 43-15
Effective: May 3, 1962
Issued: March 27, 1962

[Reg. Docket 107; Amdt. 43-15; Supp. 16]

PART 43—GENERAL OPERATION RULES

Miscellaneous Amendments Resulting From First Airworthiness Review

As a result of the First Federal Aviation Agency Airworthiness Review, the Agency published a notice of proposed rule making affecting several parts of the Civil Air Regulations. This notice was published in the FEDERAL REGISTER (26 F.R. 5130) and circulated as Civil Air Regulations Draft Release No. 61-12 dated June 8, 1961. There are contained herein amendments to Part 43 of the Civil Air Regulations which stem from this First FAA Airworthiness Review.

Section 43.10 presently requires that no aircraft, except foreign aircraft, shall be operated in the United States unless there is available in the aircraft appropriate operating limitations set forth in a form and manner approved by the Administrator or an approved aircraft Flight Manual. Section 43.10–1 requires that the operating limitations consist of either a current approved Airplane or Rotorcraft Fight Manual, Forms ACA 309 or 309A, or placards or listings or combinations of both. As proposed, § 43.10 has been amended to incorporate the substance of present § 43.10–1, and § 43.10–1 has been deleted. In this connection, the reference to Forms ACA 309 and 309A, previously contained in § 43.10–1, has been deleted since such forms are no longer issued. In those cases where they are still being used they constitute listings within the meaning of this regulation.

Section 43.10 has also been amended, as proposed, to expand the provision concerning the operating limitations to be included in the Flight Manual, or on placards, listings or markings. As amended, § 43.10 specifies additional items for which operating limitations must be included when prescribed for a particular aircraft. These items are consistent with the requirements concerning operating limitations contained in the airworthiness parts of the Civil Air Regulations. In this connection, § 43.10 now requires an operating limitation when prescribed for a particular aircraft concerning the weight distribution including the composition of the useful load in those combinations and ranges intended to insure that the weight and center of gravity position will remain within approved limits. This will insure that when a change in the operating limitations concerning the weight and center of gravity of an aircraft is required following a modification or alteration to such aircraft, the pilot or operator will have the necessary information available to avoid an inadvertent overloading of the aircraft.

Interested persons have been afforded an opportunity to participate in the making of this amendment, and due consideration has been given to all relevant matter presented.

In consideration of the foregoing, Part 43 of the Civil Air Regulations (14 CFR Part 43, as amended) is hereby amended as follows, effective May 3, 1962:

1. By amending § 43.10(d) to read as follows:

§ 43.10 Aircraft requirements.

* * * * *

(d) No aircraft, except foreign aircraft, shall be operated unless the operating limitations prescribed for the particular aircraft are set forth in a current approved Aircraft Flight Manual, on placards, listings, instrument markings, or in any combination thereof. The flight manual, placards, listings, or markings shall be legible and accessible to the pilot at his station, and shall include limitations on each of the following items, which have been prescribed for a particular aircraft:

(1) Airspeeds (e.g., normal operating speed, flaps extended speed, etc.);

(2) Powerplant (e.g., rpm, manifold pressure, gas temperature, etc.);

(3) Aircraft weight, center of gravity, and weight distribution, including the composition of the useful load in those combinations and ranges intended to insure that the weight and center of gravity position will remain within approved limits (e.g., combinations and ranges of crew, oil, fuel, passengers, and baggage);

(4) Minimum flight crew;

(5) Types of operation;

(6) Maximum operating altitude;

(7) Maneuvering flight load factors;

(8) Rotor speed (for rotorcraft);

(9) Limiting height-speed envelope (for rotorcraft); and,

(10) Any other limitations prescribed for a particular aircraft.

§ 43.10–1 [Deletion]

2. By deleting § 43.10–1 and footnotes 1 and 2 related thereto.

(Secs. 313(a), 601, 603; 72 Stat. 752, 775, 776; 49 U.S.C. 1354(a), 1421, 1423)

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N. E. HALABY,
Administrator.

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