UNITED STATES OF AMERICA
CIVIL AERONAUTICS BOARD
WASHINGTON, D. C.

Civil Air Regulations Amendment 42-3
Effective: August 25, 1955
Adopted: July 20, 1955

IRREGULAR AIR CARRIER AND OFF-ROUTE RULES

MISCELLANEOUS AMENDMENTS

The current provisions of § 42.12 of Part 42 of the Civil Air Regulations require, on all passenger airplanes with engines of over 600 horsepower, the installation of smoke detectors in "B" and "C" compartments. As a result of studies and discussions conducted during the 1954 Annual Airworthiness Review, certain changes to these provisions were indicated. This amendment reflects in part these changes by amending § 42.12 so as to permit the installation of heat-type fire detectors in lieu of smoke detectors in cargo compartments "B" and "C." It should be noted that Special Civil Air Regulation SR-401 permitted noncompliance with the smoke detector provisions in Part 4b and in the operating parts of the Civil Air Regulations until April 1, 1956. Concurrently with this amendment, SR-401 is being amended so that the installation of either smoke or fire detectors will not be mandatory until April 1, 1957.

The presently effective provisions of Part 4b of the Civil Air Regulations require that each transport category airplane be furnished with an Airplane Flight Manual. In addition, the presently effective provisions of Part 42 require the maintenance of an operator's manual for the use of flight personnel. In many instances the information contained in the Airplane Flight Manual has also been contained in the operator's manual. The Board is of the opinion, therefore, that the regulations should be changed so that air carriers need carry only the operator's manual in their airplanes. This amendment adds a new § 42.60a which in effect permits an air carrier to carry on its airplanes only the operator's manual if such manual also contains information required for the Airplane Flight Manual. Concurrently with this amendment, Part 4b is being amended so that each airplane need not be furnished with an Airplane Flight Manual if not required by the operating parts of the Civil Air Regulations.

Interested persons have been afforded an opportunity to participate 1/ in the making of this amendment, and due consideration has been given to all relevant matter presented.

In consideration of the foregoing, the Civil Aeronautics Board hereby amends Part 42 of the Civil Air Regulations (14 CFR Part 42, as amended) effective August 25, 1955:

1/20 FR 369, January 15, 1955

1. By amending § 42.12 by adding after the date "November 1, 1946" the following: "except that fire detectors of the heat type shall be acceptable in lieu of smoke detectors for installation in Class "B" and "C" cargo compartments".

2. By adding a new § 42.60a to read as follows:

42.60a Airplane flight manual.

(a) The air carrier shall keep current an approved Airplane Flight Manual for each type of transport category airplane which it operates.

(b) An approved Airplane Flight Manual or a manual complying with § 42.60 and containing information required for the Airplane Flight Manual shall be carried in each transport category airplane.

(Sec. 205 (a), 52 Stat. 984; 49 U.S.C. 425 (a). Interpret or apply secs. 601, 604, 52 Stat. 1007, 1010, as amended; 49 U.S.C. 551, 554)

By the Civil Aeronautics Board:

/s/ M. C. Mulligan

M. C. Mulligan
Secretary

(SEAL)

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