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

Civil Air Regulations Amendment 33-0

Effective: August 1, 1947
Adopted: April 29, 1947

IT APPEARING THAT: The proposal to adopt a new Part 33 of the Civil Air Regulations to provide certification standards for the issuance of flight radio operator certificates was circulated to the air carrier industry and to the interested aviation organizations on February 15, 1946, with the request for the submission of any comments and suggestions not later than May 1, 1946; the comments submitted by interested parties have been considered by the Board and the oral comment submitted at various discussion meetings by interested persons has also been considered by the Board; it is desirable to provide for the certification of flight radio operators who will serve in connection with civil aircraft as provided by the aircraft operation rules of the Civil Air Regulations.

The Civil Aeronautics Board finds that the notice and public procedure provided for in paragraphs (a) and (b) of Section 4 of the Administrative Procedure Act are unnecessary and that this regulation should become effective 90 days after the adoption date.

NOW, THEREFORE: Effective August 1, 1947, the Civil Air Regulations are amended by adopting a new Part 33, Flight Radio Operator Certificates, to read as follows:

PART 33 - FLIGHT RADIO OPERATOR CERTIFICATES

EXPLANATORY STATEMENT OF PART 33

In accordance with the provisions of Title VI of the Civil Aeronautics Act of 1938 it is unlawful for any person to serve in any capacity as an airman in connection with any civil aircraft used in air commerce without an airman certificate authorizing him to serve in such capacity, or in violation of the terms of any such certificate. A flight radio operator falls within the definition of airman as defined in that act.

The purpose of this part is to provide a means for compliance with the airman requirements of Title VI of the act with respect to the use in air commerce of those types of aircraft which require the services of flight radio operators by providing the standards by which flight radio operators may be certificated as airmen.

33.0 REQUIREMENTS FOR CERTIFICATE

33.00 Issuance. A flight radio operator certificate will be issued to an applicant who meets the following requirements.

33.01 Age. Applicant shall be at least 18 years of age.

33.02 Citizenship. Applicant shall be a citizen of the United States or of a foreign government which grants reciprocal flight radio operator privileges to citizens of the United States on equal terms and conditions with citizens of such foreign government.

Note: At the present time Federal Communications Commission radio operator licenses are issued only to citizens of the United States.

33.03 Education. Applicant shall be able to read, write, and understand the English language and speak the same without accent or impediment of speech which would interfere with two-way radio conversation.

33.04 Physical standards. Applicant shall meet the physical standards of the third class prescribed in Part 29 of the Civil Air Regulations.

33.05 Experience.

(a) Applicant shall hold a Federal Communications Commission radiotelegraph operator license of not less than second class.

(b) Applicant shall:

(1) have had at least 12 months of satisfactory experience as a radio operator in aircraft, maritime, or ground stations, commercial or military, including at least four months of experience as a radiotelegraph operator; and have had at least 50 hours of experience in the operation of aircraft radio during flight; or

(2) be a graduate of a flight radio operator course approved by the Administrator.

33.06 Knowledge. Applicant shall pass a written examination on the following subjects:

(a) such provisions of the Civil Air Regulations as are pertinent to the operation of aircraft radio systems;

(b) theory and operation of radio communication and radio navigational systems in general use on aircraft;

(c) radio navigation of aircraft;

(d) aircraft radio operating procedures.

33.07 Skill. Applicant shall:

(a) pass a practical examination on the operation, adjustment, and routine repair of aircraft radio communication and radio navigational equipment;

(b) demonstrate his ability to send and receive International Morse Code at a speed of 20 words per minute code groups, and 25 words per minute plain language.

33.1 CERTIFICATION RULES

33.10 Application. Application shall be made on a form and in the manner prescribed by the Administrator.

33.11 Duration. A flight radio operator certificate shall remain in effect unless it is suspended, or revoked, or a general termination date for such certificate is fixed by the Board.

33.110 Temporary certificates. The Administrator or his authorized representative may issue a temporary flight radio operator certificate for a period of not to exceed 90 days, subject to the terms and conditions specified therein by the Administrator.

33.12 Reexamination. Applicants who have failed in any examination may apply for reexamination on the part failed after 30 days from the date of such failure.

By the Civil Aeronautics Board:

/s/ M. C. Mulligan

(SEAL)

M. C. Mulligan
Secretary