CAR 33

February 15, 1946

CIVIL AERONAUTICS BOARD
WASHINGTON, D. C.

CIVIL AIR REGULATIONS DRAFT RELEASE NO. 61

SUBJECT: Certification requirements for flight radio operators.

With this Draft Release the Board is circulating a proposed new Part 33 of the Civil Air Regulations, which provides for the certification of flight radio operators.

The proposed new Part 33 of Civil Air Regulations - Flight Radio Operator Certificate, prescribes substantially the same minimum requirements which were developed in collaboration with the aviation industry in May 1945, and which are being presented to the Provisional International Civil Aviation Organization now in session at Montreal, as the United States recommendation for use as international standards.

At the present time this airman certificate is required only for implementing the regulations applying to our air carriers engaged in scheduled air transportation outside the United States. However, the adequacy of the proposed regulations as applied to scheduled operations within the United States should also be considered as the employment of larger transport aircraft and the authorization of long range flights in our domestic scheduled operations may soon make it necessary to require such airman to be included in the crew on some of the domestic air carrier operations.

In accordance with its established policy, the Board earnestly desires to secure your views regarding these proposed regulations.

Your recommendations or comment should be forwarded to the Civil Aeronautics Board, Commerce Building, Washington 25, D. C., on or before May 1, 1946.

/s/ Fred A. Toombs

Fred A. Toombs
Secretary

PART 33 - FLIGHT RADIO OPERATOR CERTIFICATES (PROPOSED)

33.0 Certificate.
33.1 General.
33.2 Privileges and limitations.

33.0 CERTIFICATE

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

33.01 Age. 18 years.

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

33.03 Education. Read, write, and understand the English language and speak the same without accent or impediment of speech that will interfere with two-way radio conversation.

33.04 Physical standards. The physical standards of the third class prescribed in Part 29.

33.05 Experience.

(a) Hold a second class radiotelegraph license, a radiotelephone license, and

(b) have had at least 12-months' experience as a radiotelegraph operator including not less than 50-hours' experience in the operation of aircraft radio during flight, or be a graduate of a flight radio operator's course approved by the Administrator.

33.06 Knowledge. 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) the construction and operation of radio communications and radio navigation systems in general use on air carrier aircraft;

(c) aircraft radio operating procedures.

33.07 Skill. Satisfactorily demonstrate while in flight the operation and routine repair of radio communication and radio navigation equipment commonly used aboard air carrier aircraft.

33.1 GENERAL

33.10 Application. Application shall be made on a form furnished by the Administrator.

33.11 Duration. A flight radio operator certificate shall expire 24 calendar months after the month of issuance. (For example, a certificate issued any time in the month of April 1945 will expire on the last day of April 1947.)

33.12 Renewal. Application for renewal of a flight radio operator certificate shall be made on a form furnished by the Administrator and may be mailed or presented to a representative of the Administrator within 60 days prior to the month of expiration.

33.13 Reinstatement. An expired flight radio operator certificate may be reinstated within 24 calendar months after the date of expiration upon application and satisfactory demonstration to a representative of the Administrator that the applicant is thoroughly familiar with all current information regarding the operation, maintenance and repair of the radio systems used.

33.14 Surrender. Any flight radio operator shall, upon request, deliver his certificate to the Administrator if it has been suspended or revoked.

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

33.2 PRIVILEGES AND LIMITATIONS

33.20 Certificate possession.* A flight radio operator, when serving as such, shall have in his possession his flight radio operator certificate and his medical certificate or other evidence satisfactory to the Administrator showing that he has met the physical requirements appropriate to his certificate within the preceding 12 calendar months.

33.21 Operation during physical deficiency.* A flight radio operator shall not serve as such in any aircraft during the period of any known physical deficiency which would render him unable to meet the physical requirements prescribed for the issuance of his currently effective medical certificate.

33.22 Recent experience.* A flight radio operator shall not serve as such in any aircraft in scheduled air transportation unless he has served in that capacity for at least 3 months within the preceding 12 calendar months, or has demonstrated his continued proficiency to a representative of the Administrator or to a person designated by the Administrator for that purpose.

*These operational rules have been included in this Part for study and comment and may subsequently be deleted from this Part and placed in Parts 41 and 61.