CIVIL AIR REGULATIONS

CIVIL AERONAUTICS BOARD

PART 27—AIRCRAFT DISPATCHER CERTIFICATES

Effective November 1, 1958

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TITLE 14—CIVIL AVIATION

Chapter I—Civil Aeronautics Board

Subchapter A—Civil Air Regulations

PART 27—AIRCRAFT DISPATCHER CERTIFICATES

REVISION OF PART

Adopted by the Civil Aeronautics Board at its office in Washington, D. C. on the 29th day of July 1958.

Part 27, adopted December 22, 1939, effective July 15, 1940, as amended, establishes the current requirements for the issuance of aircraft dispatcher certificates. Since that time other airman parts have been revised and are now different from Part 27 in format and terminology. It is, therefore, desirable to revise Part 27 to make it conform more closely to the newer airman parts.

Two Civil Air Regulations Draft Releases were issued entitled "Proposed Revision of Part 27 of the Civil Air Regulations—Aircraft Dispatcher Certificates." The first was Draft Release 55–22, dated October 31, 1955. The second was Draft Release 57–22, dated October 2, 1957, which was published in the FEDERAL REGISTER on October 8, 1957. Both draft releases proposed changes to clarify the section pertaining to skill, to make changes in the experience requirements, and to delete the recent experience requirements.

The more significant changes are as follows:

1. *Experience.* The current aeronautical experience requirements preclude the possibility of a person's securing an aircraft dispatcher certificate when serving in other than scheduled air carrier or scheduled military operations. This revision broadens the base of experience which may be credited toward qualification for a certificate by recognizing the fact that some operators other than scheduled air carriers have established well-organized dispatch organizations through which they exercise dispatch control over the operation of their aircraft, even though not required to do so by the Civil Air Regulations. It is hoped that the recognition of this experience will serve to encourage the voluntary establishment of dispatch organizations in aircraft operations other than scheduled air carrier operations.

2. *Knowledge.* The paragraph in the present aeronautical knowledge section dealing with the characteristics of an aircraft used in air carrier operations has been moved to the section pertaining to skill. This has been done because an applicant's competence in this regard can better be determined from the practical rather than the written examination.

3. *Skill.* This section has been rewritten to present clearly the aircraft characteristics with respect to which the applicant will be required to take a practical examination. The specific reference to the Morse code has been deleted since an applicant in complying with the knowledge requirements would demonstrate sufficiently his familiarity with the code.

4. *Recent experience requirements.* Airman training and recent experience requirements applicable to aircraft dispatchers are contained in certain of the air carrier operating parts of the Civil Air Regulations. It is appropriate that these requirements should continue to be contained in the air carrier operating parts since specialized recent experience with respect to the carrier's authorized routes and the particular types of aircraft used is needed by the dispatcher so that he can perform his assigned duties in a competent manner. On the other hand, the recent experience requirements contained in present Part 27 are general in nature and may not be pertinent to the specific duties to which dispatchers are assigned. Furthermore, they are not considered necessary in view of the more specialized requirements contained in the operating parts of the Civil Air Regulations. Therefore, the current recent experience requirements are deleted from this part. This deletion will in no way affect the training program and recent experience requirements prescribed in the operating parts.

Interested persons have been afforded an opportunity to participate in the revision of this part (22 F. R. 8006), and due consideration has been given to all relevant matter presented.

In consideration of the foregoing, the Civil Aeronautics Board hereby revises Part 27 of the Civil Air Regulations (14 CFR Part 27, as amended) as follows, effective November 1, 1958.

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AUTHORITY: §§ 27.1 to 27.42 issued under sec. 205, 52 Stat. 984, as amended; 49 U. S. C. 425. Interpret or apply secs. 601, 602, 52 Stat. 1007, 1008, as amended; 49 U. S. C. 551, 552.

APPLICABILITY AND DEFINITIONS

§ 27.1 *Applicability of this part.* This part establishes certification and general operating rules for aircraft dispatchers.

§ 27.2 *Definitions.* As used in this part, terms are defined as follows:

Administrator. The "Administrator" is the Administrator of Civil Aeronautics.

Air carrier. An "air carrier" is any citizen of the United States who undertakes directly, or by lease or by other arrangement, the carriage by aircraft of persons or property as a common carrier for compensation or hire, or the carriage of mail by aircraft.

Aircraft dispatcher. An "aircraft dispatcher" is an individual holding a valid aircraft dispatcher certificate issued by the Administrator who exercises responsibility with the pilot in command in the operational control of each flight.

Approved. "Approved," when used alone or as modifying terms such as means, method, action, equipment, etc., means approved by the Administrator.

Authorized representative of the Administrator. An "authorized representative of the Administrator" is any employee of the Civil Aeronautics Administrator or any private person, authorized by the Administrator to perform particular duties of the Administrator under the provisions of this part.

Flight time. "Flight time" is the time from the moment the aircraft first moves under its own power for the purpose of flight until it comes to rest at the next point of landing (block-to-block time).

Operational control. "Operational control" is the exercise of authority over initiation, continuation, diversion, or termination of a flight.

Pilot in command. The "pilot in command" is the pilot responsible for the operation and safety of the aircraft during the time defined as flight time.

CERTIFICATION RULES

§ 27.5 *Application for certificate.* An application for a certificate shall be made on a form and in a manner prescribed by the Administrator.

§ 27.6 *Issuance.* (a) An aircraft dispatcher certificate shall be issued by the Administrator to an applicant who meets the requirements of this part.

(b) Pending a review of an applicant's application and supplementary documents and the issuance of a certificate by the Administrator, an authorized representative of the Administrator may, subject to such conditions and limitations as the Administrator may prescribe, issue a temporary aircraft dispatcher certificate to an applicant who meets the requirements of this part.

§ 27.7 *Duration.* (a) An aircraft dispatcher certificate issued to a United States citizen shall remain in effect until surrendered, suspended, revoked, or otherwise terminated by order of the Board. A certificate issued to an applicant other than a United States citizen shall remain in effect for a period no longer than 12 months after the date of issuance; however, it may be reissued without further demonstration of technical competence.

(b) A temporary aircraft dispatcher certificate shall remain in effect for a period no longer than 90 days after the date of issuance.

(c) After revocation, and upon request after suspension, the certificate shall be returned to the Administrator.

§ 27.8 *Change of address.* Within 30 days after any change in the permanent mailing address of a certificated aircraft dispatcher, he shall notify the Administrator in writing of his new address. This notice shall be mailed to the Administrator of Civil Aeronautics, attention Airman Records Branch, Washington 25, D. C.

GENERAL CERTIFICATE REQUIREMENTS

§ 27.21 *Citizenship.* An applicant for an aircraft dispatcher certificate may be a citizen of any country or a person without nationality.

§ 27.22 *Age.* 23 years is the minimum age for the issuance of an aircraft dispatcher certificate.

§ 27.23 *Education.* An applicant shall be able to read, speak, and understand the English language, or an appropriate operation limitation shall be placed on his aircraft dispatcher certificate.

§ 27.24 *Examinations and tests.* Examinations and tests shall be conducted by an authorized representative of the Administrator at such times and places as the Administrator may designate. The passing grade for such examinations and tests shall be at least 70 percent.

§ 27.25 *Re-examination after failure.* An applicant who has failed any prescribed written or practical examination or test may not apply for re-examination within a 30-day period from the date of such failure unless he presents a statement signed by a certificated aircraft dispatcher, an appropriately rated and certificated ground instructor, or an authorized representative of the Administrator, which attests that the applicant has received an additional 5 hours of instruction in each of the subjects failed and that the applicant is considered competent for re-examination.

§ 27.26 *Substantiation of experience.* An applicant shall present to the Administrator satisfactory documentary evidence to substantiate the experience qualifications for an aircraft dispatcher certificate.

QUALIFICATIONS FOR A CERTIFICATE

§ 27.31 *Experience.* (a) An applicant shall have served for a total of 2 of the 3 years immediately preceding the date of application in scheduled air carrier operations, scheduled military operations, or in other aircraft operations which the Administrator finds provides equivalent experience as:

(1) A pilot member of the crew, or

(2) A flight radio operator or ground radio operator, or

(3) A flight navigator, or

(4) A meteorologist, or

(5) An individual or an assistant performing the functions of an aircraft dispatcher, or

(6) An individual performing other functions which the Administrator finds provides equivalent experience; or

(b) An applicant shall have served for at least 2 of the 3 years immediately preceding the date of application as an air route traffic controller or as a certificated air-traffic control-tower operator; or

(c) An applicant shall have served for at least one of the 2 years immediately preceding the date of application as an assistant in the dispatching of scheduled air carrier aircraft performing all the duties of an aircraft dispatcher under the direct supervision of a certificated aircraft dispatcher; or

(d) An applicant, within 90 days immediately preceding the date of application, shall have completed successfully a course of instruction which the Administrator approves as adequate for the training of an aircraft dispatcher.

(e) An applicant may credit any combination of experience in paragraph (a) or in paragraphs (a) and (b) of this section provided that the aggregate of such experience is at least 2 years.

§ 27.32 *Knowledge.* An applicant shall satisfactorily pass a written examination on the following subjects:

(a) The provisions of the Civil Air Regulations applicable to the duties of an aircraft dispatcher;

(b) The general system of collection and dissemination of weather information;

(c) The interpretation of aviation weather reports, including the abbreviations and symbols employed therein, as prescribed in Department of Commerce Weather Bureau Circular N (Instructions for Airway Meteorological Service), as amended;

(d) The fundamentals of meteorology as applied to aircraft operations, with particular reference to:

(1) Surface and upper air weather maps and the general characteristics of air masses, pressure systems, and frontal systems, including the symbols and nomenclature pertaining thereto,

(2) Cloud forms and their significance,

(3) Icing,

(4) Turbulence,

(5) Thunderstorms,

(6) Fog and low ceilings,

(7) Winds aloft,

(8) Pressure pattern flying,

(9) Influence of terrain on meteorological conditions, and

(10) General principles of forecasting and analysis;

(e) Principles of aircraft navigation with particular respect to instrument operation and procedures;

(f) Communications facilities and procedures;

(g) Air navigation facilities and procedures; and

(h) Air traffic control procedures.

§ 27.33 *Skill.* An applicant shall satisfactorily pass a practical examination on at least the following:

(a) With respect to one type of large aircraft used in air carrier operations:

(1) Weight and balance limitations;

(2) Performance operating limitations;

(3) Use of cruise control charts; and

(4) Fuel and oil capacities and rates of consumption.

(b) The characteristics of air routes and airports with particular reference to:

(1) Landing areas;

(2) Lighting facilities; and

(3) Approach and landing facilities and procedures.

(c) The use and limitations of sensitive type altimeters.

(d) The application of available weather forecasts and reports for purposes of determining whether a flight can be made with safety.

(e) The dispatch and assistance of a flight under adverse weather conditions.

(f) Emergency procedures.

OPERATING RULES

§ 27.41 *Certificate required.* No individual shall serve as an aircraft dispatcher in connection with any civil aircraft used in air commerce without, or in violation of the terms of, a certificate required by the Civil Air Regulations and issued in accordance with the provisions of this part. He shall have his certificate in his personal possession when performing his duties.

§ 27.42 *Display.* An aircraft dispatcher shall, upon request, present his airman certificate for examination by any authorized representative of the Civil Aeronautics Board or the Administrator, or by any State or local law enforcement officer.

By the Civil Aeronautics Board.

[SEAL] MABEL MCCART,
Acting Secretary.

[F. R. Doc. 58-5966; Filed, Aug. 1, 1958; 8:55 a. m.]

NOTICE

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