U. S. DEPARTMENT OF COMMERCE
DANIEL C. ROPER, Secretary
BUREAU OF AIR COMMERCE
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CIVIL AIR REGULATIONS

27.—AIRLINE DISPATCHER RATING

As Amended to May 31, 1938

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Civil Air Regulations

Part 27

As Amended to May 31, 1938

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CIVIL AIR REGULATIONS

Pursuant to the authority contained in the Air Commerce Act of 1926 (44 Stat. 568) as amended by the Act of February 28, 1929 (45 Stat. 1404), the Act of June 19, 1934 (48 Stat. 1113), the Act of June 19, 1934 (48 Stat. 1116), and Sections 11 and 12 of the Act of June 12, 1934 (48 Stat. 933, 937), the following Civil Air Regulations are hereby made, prescribed, and issued to be known as—

Part 00. Aircraft Registration Certificate.
Part 01. Aircraft Certificates.
Part 02. Aircraft Identification Mark.
Part 03. Aircraft Title Transfer.
Part 04. Airplane Airworthiness.
Part 13. Aircraft Engine Airworthiness.
Part 14. Aircraft Propeller Airworthiness.
Part 15. Aircraft Equipment Airworthiness.
Part 18. Repair and Alteration of Aircraft.
Part 20. Pilot Rating.
Part 21. Airline Pilot Rating.
Part 23. Ground Instructor Rating.
Part 24. Mechanic Rating.
Part 25. Parachute Rigger Rating.
Part 26. Airport Control Tower Operator Rating.
Part 27. Airline Dispatcher Rating.
Part 40. Scheduled Airline Certification (Interstate and Intra-Territorial).
Part 50. Flying School Rating.
Part 52. Aircraft Repair Station Rating.
Part 60. Air Traffic Rules.
Part 61. Scheduled Airline Rules (Interstate).
Part 90. Air Mail.
Part 91. Aircraft Accident Investigations.
Part 92. Hearings Upon Certificates (Issued, Renewed, Denied, Suspended or Revoked).
Part 93. Evidence.
Part 94. Penalties.
Part 95. Imposition, Remission and Mitigation of Penalties.
Part 96. Authorization to Act for the Secretary.
Part 98. Definitions.
Part 99. Mode of Citation of Regulations.

Any and all rules and regulations heretofore made, prescribed, and issued by the Secretary of Commerce pursuant to the authority first above stated are hereby repealed.

Approved May 31, 1938.

[SEAL]

DANIEL C. ROPER,
Secretary of Commerce.

PART 27.—AIRLINE DISPATCHER RATING

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27.0 Provision for rating. Pursuant to the provisions of the Air Commerce Act requiring the Secretary of Commerce to provide by regulation for the rating of all airmen serving in connection with aircraft of the United States as to their qualifications for such service and for the issuance of airmen certificates and such other certificates and regulations as the Secretary deems necessary in administering the Act, airline dispatchers will be certificated in accordance with the provisions of the following paragraphs.

601-A-1

27.1 Minimum requirements. To be eligible for an airline dispatcher competency rating, an applicant shall comply with the following minimum requirements.

27.10 Dispatcher rating. To be eligible for a dispatcher rating:

27.100 Age. Applicant shall be at least 23 years of age.

27.101 Character. Applicant shall be of good moral character.

27.102 Citizenship. Applicant shall be—

27.1020 (*a*) A citizen of the United States, or

27.1021 (*b*) A citizen of a foreign country which grants reciprocal commercial airmen privileges to citizens of the United States on equal terms and conditions with citizens of such foreign country, or

27.1022 (*c*) An alien who has filed his declaration of intention to become a citizen of the United States and notifies the Secretary of the serial number of such declaration and of the date thereof and of the court in which it is filed; provided, that the certificate of competency is, in such case, subject to revocation by the Secretary if the holder does not from time to time keep the Secretary advised of the status of the proceedings in court and does not diligently and successfully prosecute them and become admitted as a citizen.

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

27.104 Aeronautical knowledge. Applicant shall be familiar with and shall accomplish a satisfactory written examination on—

27.10400 (*a*) The provisions of Parts 40 and 61 and those parts of Part 60 which apply to dispatching. In each case the applicant shall understand the relation of each provision to airline operation.

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27.10401 (*b*) The characteristics of at least one make and model of airline aircraft, with particular reference to gross load, pay loads under conditions of various fuel loads, fuel capacity, fuel consumption at specified power outputs, speed-power output, altitude charts, and loading charts.

27.10402 (*c*) The general system of weather collection and dissemination.

27.10403 (*d*) Weather map, forecast and sequence abbreviations, symbols and nomenclature. The general principles of modern methods of weather analysis including the application of data obtained from airplane weather observations and meteorological data reported from observations made by pilots engaged in airline flights.

27.10404 (*e*) Cloud forms, including average heights of their bases and approximate upper and lower limits within which their bases and tops respectively occur.

27.10405 (*f*) Weather conditions adversely affecting aeronautical activities, the circumstances under which they occur, how these are ascertained and located, and elementary principles of forecasting the conditions.

27.10406 (*g*) The influence of terrain upon meteorological conditions and developments, and the relation thereof to airline flight operations.

27.10407 (*h*) Elementary principles of radio communications and radio range operations and weather conditions adversely affecting each.

27.10408 (*i*) Department of Agriculture Weather Bureau Circular "N", Instructions for Airway Meteorological Service, and all amendments thereto.

27.10409 (*j*) Air navigation facilities in use on the civil airways, including rotating beacons, course lights, radio ranges, radio marker beacons and intermediate fields.

27.10410 (*k*) Elementary principles of aircraft navigation, and use and limitations of sensitive type altimeters particularly with respect to barometric settings.

27.105 Aeronautical experience. Applicant shall—

27.1050 (*a*) have been listed as a dispatcher in the airmen competency letter of an airline and have served as a dispatcher for such airline for at least 6 months of the 18 months' period immediately preceding application, or

27.1051 (*b*) have served as a first or second pilot for a certificated airline for at least 1 year of the 3 years immediately preceding application and have served as a dispatcher for such airline for at least 3 months of the 18 months' period immediately preceding application, or

27.1052 (*c*) have served for 2 years of the 4 years immediately preceding application as first or second pilot of a certificated airline or have performed, in the operations department thereof for a similar period, duties deemed suitable by the Secretary, or

27.1053 (*d*) be a graduate of an airline dispatcher course of a certificated flying school, which course is deemed by the Secretary to offer the equivalent of § 27.1050 through § 27.1052.

27.1054 (*e*) Until July 1, 1938, an applicant employed or formerly employed in the dispatching and flight control of aircraft in airline service may be deemed by the ~~Secretary~~ to have met the requirements of § 27.105, and if so deemed, shall be presumptively entitled to an airline dispatcher rating. ADMINISTRATOR

27.1055 Any person now or formerly employed by an airline in the dispatching and flight control of aircraft in airline service for the periods specified in § 27.1050 may be deemed by the ~~Secretary~~ to have met the requirements thereof as to prior dispatcher service.

27.106 Aeronautical skill. Applicant shall be able—

27.1060 (*a*) To make a reasonably accurate and intelligent analysis of a series of Weather Bureau 6-hourly maps, in accordance with modern methods, and forecast therefrom the subsequent weather conditions pertinent to flying operations.

27.1061 (*b*) To make an accurate and detailed analysis, in accordance with modern methods, of weather conditions prevailing in the general neighborhood of a specified civil airway from a series of Weather Bureau 6-hourly maps and sequence reports, and forecast with a high degree of accuracy subsequent weather trends pertinent to flying operations, with particular reference to specified terminals.

27.2 Airline dispatcher certificate.

27.20 Provision for issuance. An airline dispatcher certificate of competency will be issued by the ~~Secretary~~ to a natural person, who is an applicant therefor, after approval of an application made and proofs submitted in connection therewith and, if upon inspection and examination, said applicant is found by the ~~Secretary~~ to meet the minimum requirements prescribed in § 27.1. (However, such person shall not dispatch airline aircraft until he has qualified as to route competency in accordance with the provisions of § 61.553.)

27.21 Application. Application for an airline dispatcher certificate, ~~subscribed under oath~~, shall be made to the ~~Secretary~~ upon a form supplied for the purpose.

27.22 Issuance. Upon approval of an application duly made, proofs submitted, and examinations and tests satisfactorily completed, an airline dispatcher certificate of competency will be issued in an appropriate form.

27.220 Temporary certificate. Following application made for an airline dispatcher certificate of competency, but prior to approval thereof and issuance of the certificate, a temporary dispatcher certificate may be issued by the local ~~Bureau airline inspector.~~ an agency inspector of the ADMINISTRATOR (601-A-1)

27.23 Display. An airline dispatcher certificate shall be kept in the personal possession of the holder thereof at all times when he is on duty in connection with the dispatching of airline aircraft, and shall be presented upon the demand of any authorized official or employee of the ~~Department of~~ Commerce or of any State or municipal official charged with the duty of enforcing local laws or regulations involving Federal compliance, or upon the reasonable request of any other person.

27.24 Duration. An airline dispatcher certificate, unless sooner suspended or revoked in accordance with the provisions of § 27.27, will remain in force for one year after the date of issue.

27.25 Renewal. An airline dispatcher certificate may be renewed for additional period of one year upon application within 45 days of expiration and upon proof that the holder thereof has been listed as a dispatcher in the airmen competency letter of an airline and has served as a dispatcher for such airline for at least six months of the 12 months' period immediately preceding expiration of such certificate, or has had experience deemed equivalent by the ~~Secretary~~. ADMINISTRATOR

27.250 Reinstatement. In the event of an emergency which prevents renewal prior to expiration, and upon a showing thereof satisfactory to the ~~Secretary~~, the applicant may have his airline dispatcher certificate validated in accordance with the provisions for renewal in § 27.25.

27.26 Nontransferability. An airline dispatcher certificate is not transferable.

27.27 Suspension or revocation. An airline dispatcher certificate may be suspended by a duly authorized ~~Bureau~~ inspector or by the ~~Secretary~~ or, after hearing, revoked by the ~~Secretary~~ by reason of any of the following, on the part of the holders thereof: ADMINISTRATOR ADMINISTRATOR

27.270 (*a*) Any false statement in an application for a certificate or in any report required by the ~~Secretary~~.

27.271 (*b*) Using or displaying the certificate for any fraudulent purpose.

27.272 (*c*) Refusal to exhibit the certificate upon proper demand.

27.273 (*d*) Carelessness or inattention to duty affecting safety.

27.274 (*e*) Any demonstration of incompetency in the dispatching of airline aircraft.

27.275 (*f*) Being under the influence, or using, or having personal possession, of intoxicating liquor, cocaine, or other habit-forming drugs while on duty.

27.276 (*g*) Doing any act in connection with the disptaching of airline aircraft which is contrary to the public safety or interest.

27.277 (*h*) Violation of any provision of the ~~Air Commerce Act~~ or any ~~of the~~ rule~~s or~~ regulation duly issued thereunder.

27.28 Surrender. Upon notice from a duly authorized ~~Bureau~~ inspector of the suspension of an airline dispatcher certificate by such inspector or by the ~~Secretary~~, and upon demand of either of the same for the surrender of such certificate, or upon notice from the ~~Secretary~~ of the revocation of such certificate, the holder thereof shall immediately surrender such certificate to such inspector or immediately return such certificate to the ~~Secretary~~, as the case may be. In case of revocation, notwithstanding any failure or refusal to surrender an airline dispatcher certificate, it shall be deemed canceled and of no further force or effect. ADMINISTRATOR ADMINISTRATOR

27.29 Re-application. An applicant for an airline dispatcher certificate of competency who has failed to successfully accomplish the prescribed theoretical or practical tests may apply for re-examination at any time after the expiration of ~~30~~ 90 (A.N.C.) days, from the date of such failure.

27.3 Examinations and tests.

27.30 General. The examinations and tests prescribed in the foregoing regulations will be conducted by an authorized officer or employee

of the ~~Department of Commerce~~ or by a properly qualified person designated for the purpose by the ~~Secretary~~. The ~~Secretary~~ may, in his discretion and at any time, require any applicant or airline dispatcher certificate holder to undergo a re-examination in any theoretical or practical test prescribed as requisite for such certificates.

27.31 Time and place. All examinations and tests will be held at such times and places as the ~~Secretary~~ may designate.

27.32 Inspection. The applicant for an airline dispatcher certificate of competency shall offer full cooperation in respect of any inspection and examination which may be made of said applicant upon proper demand by any authorized representative of the ~~Secretary~~ prior or subsequent to the issuance of an airline dispatcher certificate of competency.

27.33 Standard of performance. All practical or theoretical examinations and tests shall be accomplished to the satisfaction of the ~~Secretary~~ and the minimum passing grade in any subject of examination or test shall be 70 per cent.

27.34 Reports. The person giving any examination or test in behalf of the ~~Secretary~~ shall promptly report the result thereof upon an appropriate form to the ~~Secretary~~.