U. S. DEPARTMENT OF COMMERCE

DANIEL C. ROPER, Secretary

BUREAU OF AIR COMMERCE

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CIVIL AIR REGULATIONS

24.—MECHANIC RATING

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made, prescribed, and issued by the Secretary of Commerce pursuant to the authority first above stated are hereby repealed.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 24.—MECHANIC RATING

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24.0 Provision for rating. Pursuant to the provisions of the Air Commerce Act requiring the Secretary of Commerce to provide for the rating of airmen serving in connection with aircraft of the United States as to their qualifications for such service, mechanics will be rated in accordance with the provisions of the following paragraphs.

24.00 Mechanic ratings will be as follows:

(*a*) Aircraft Mechanic Rating.

(*b*) Aircraft Engine Mechanic Rating.

24.1 Minimum requirements. To be eligible for a mechanic competency rating, an applicant shall comply with the following minimum requirements prescribed for the particular rating sought.

24.10 Aircraft mechanic rating. To be eligible for an aircraft mechanic rating, an applicant shall comply with the following minimum requirements.

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

24.101 Character. Applicant shall be of good moral character.

24.102 Citizenship. Applicant may be a citizen of any nationality.

24.103 Education. Applicant shall be able to read, speak, write and understand the English language.

24.104 Aeronautical knowledge. Applicant shall have theoretical and practical knowledge of aircraft structure and rigging, including the control systems, shall know how to properly inspect, maintain, repair and overhaul the same, and shall be familiar with the provisions of Parts 00, 01, 02, 04, 14, 15, 18 and 24.

24.105 Aeronautical experience. Applicant shall have had at least one year of practical experience in the construction, maintenance, or repair of aircraft or what is deemed by the Secretary to be its equivalent. Compliance with § 24.115 shall not be deemed equivalent.

24.106 Aeronautical skill. Applicant shall satisfactorily demonstrate, by means of written, oral and practical tests, his ability with respect to the subject matters prescribed in § 24.104.

24.11 Aircraft engine mechanic rating. To be eligible for an aircraft engine mechanic rating, an applicant shall comply with the following minimum requirements:

24.110 Age. Same as in § 24.100.

24.111 Character. Same as in § 24.101.

24.112 Citizenship. Same as in § 24.102.

24.113 Education. Same as in § 24.103.

24.114 Aeronautical knowledge. Applicant shall have theoretical and practical knowledge of aircraft engines and their accessories, including ignition systems, shall know how to properly inspect, maintain, repair and overhaul the same, and shall be familiar with the provisions of Parts 00, 01, 02, 04, 13, 14, 15, 18 and 24.

24.115 Aeronautical experience. Applicant shall have had at least one year of practical experience in the maintenance, repair and overhaul of aircraft engines or what is deemed by the Secretary to be its equivalent. Compliance with § 24.105 shall not be deemed equivalent.

24.116 Aeronautical skill. Applicant shall satisfactorily demonstrate, by means of written, oral and practical tests, his ability with respect to the subject matter prescribed in § 24.114.

24.2 Mechanic competency certificate.

24.20 Provision for issuance. An appropriate mechanic certificate of competency will be issued by the Secretary upon approval of application made and satisfactory proofs submitted, to a natural person who, upon inspection and examination, is found by the Secretary to meet the appropriate minimum requirements prescribed in § 24.1 and is, therefore, rated as competent to construct, repair, adjust, or overhaul aircraft or aircraft engines, as the case may be, or for the inspection of any aircraft or engine construction, repairs, adjustments or overhauls.

24.200 Each holder of a valid engine mechanic's license or a valid airplane mechanic's license on the date these regulations go into effect may perform service pursuant to such authority until the expiration thereof, and then, upon compliance with the provisions for renewal thereof, have issued to him a mechanic competency certificate with an aircraft mechanic rating or an aircraft engine rating thereon, as the case may be, as provided for herein.

24.201 Identification card. In the discretion of the Secretary, an appropriate mechanic's identification card will be issued with mechanic certificate.

24.21 Application. Application for a mechanic certificate, subscribed under oath, shall be made to the Secretary upon a form supplied for the purpose.

24.210 Application to amend. When any change in a mechanic competency rating is desired, the applicant shall file a written request therefor with the Secretary or may make oral or written request of the local Bureau inspector.

24.211 Proceeding to amend. A proceeding to amend a mechanic competency rating may be instituted by the Secretary when, in his opinion, the mechanic is no longer competent in respect of some matter specified in the certificate. Notice of such proceeding shall be addressed to the mechanic with opportunity for a hearing. In the interim, the certificate may be suspended in whole or in part by a duly authorized Bureau inspector or by the Secretary. Following the hearing, the Secretary may issue a re-rating as to competency.

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

24.220 Temporary certificate. Following application made for a mechanic certificate of competency, but prior to approval thereof and issuance of the certificate, a temporary mechanic certificate may be issued by the local Bureau inspector. Likewise, for the period of time elapsing between application for renewal of a certificate and the issuance of the renewal, a temporary certificate may be issued by the local Bureau inspector.

24.23 Display. A mechanic certificate shall be kept in the personal possession of the mechanic at all times when he is serving in connection with aircraft possessed of a valid aircraft certificate, and shall be presented upon the demand of any passenger in, or owner of, such aircraft upon which such mechanic has worked, or 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.

24.24 Duration. A mechanic certificate, unless sooner suspended or revoked in accordance with the provisions of § 24.27, will remain in force for two years after the date of issue.

24.25 Renewal. A mechanic certificate may be renewed, for a like period as the original certificate, upon application within 30 days prior to the expiration thereof and upon satisfactory showing that, during the term of the last certificate, the holder has rendered service, under his certificate, during at least one-half of the term thereof, and that he complies with all of the appropriate minimum requirements prescribed in § 24.1. The service so rendered shall be described in written statement under oath subscribed by the applicant. The employer, if any, of the applicant shall certify to the authenticity of such statement.

24.26 Non-transferability. A mechanic certificate is not transferable.

24.27 Suspension or revocation. A mechanic certificate may be suspended by a duly authorized Bureau inspector or by the Secretary or revoked by the Secretary by reason of any of the following, on the part of the holders thereof:

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

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

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

24.273 (*d*) Carelessness or inattention to duty.

24.274 (*e*) Any demonstration of incompetency in the construction, repair, adjustment, or overhaul of aircraft, or aircraft engines, or in the inspection of construction, repair, adjustment, or overhaul thereof.

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

24.276 (*g*) Doing any act in connection with aircraft or aircraft engines which is contrary to the public safety or interest, or detrimental to the morale of pilots or mechanics.

24.277 (*h*) Violation of any provisions of the Air Commerce Act or of any of the rules or regulations duly issued thereunder.

24.28 Surrender. Upon notice from a duly authorized Bureau inspector of the suspension of a mechanic 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 a mechanic certificate, it shall be deemed canceled and of no further force or effect.

24.29 Re-application. An applicant for a mechanic certificate of competency who has failed to successfully accomplish the prescribed theoretical or practical tests may apply for reexamination at any time after the expiration of 90 days, from the date of such failure.

24.3 Examinations and tests.

24.30 General. The examinations and tests prescribed in the foregoing regulations will be conducted by a duly authorized Bureau inspector. The Secretary may, in his discretion and at any time, require any applicant, or mechanic certificate holder, to undergo a re-examination in any theoretical or practical test prescribed as requisite for such certificates.

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

24.32 Inspection. The applicant for any mechanic 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 a mechanic certificate of competency.

24.33 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.

24.34 Reports. The person giving any examination or test in behalf of the Secretary will promptly report the result thereof to the Secretary.

24.4 Mechanic regulations. The following rules pertaining to mechanic certificates will govern mechanic services in relation to certificated aircraft:

24.40 Repair or overhaul of aircraft. No person, other than one possessed of a valid mechanic certificate, may engage in the repair or overhaul of certificated aircraft unless such repair or overhaul is in continuous charge of a mechanic possessed of a valid mechanic certificate.

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