CIVIL AIR REGULATIONS

CIVIL AERONAUTICS BOARD

# PART 24—MECHANIC CERTIFICATES

As Amended to September 1, 1949

WASHINGTON, D. C.

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AUTHORITY: §§ 24.1 to 24.46 issued under sec. 205 (a), 52 Stat. 984; 49 U. S. C. 425 (a). Interpret or apply secs. 601, 602, 52 Stat. 1007, 1008; 49 U. S. C. 551, 552.

SOURCE: §§ 24.1 to 24.46 contained in Amendment 39, Civil Air Regulations, 5 F. R. 684, as amended by Amendment 75, 5 F. R. 3946, except as noted following sections affected.

## REQUIREMENTS

§ 24.1 *Mechanic certificate requirements.* To be eligible for a mechanic certificate, an applicant shall comply with the following requirements:

(a) *Age.* Applicant shall be at least 18 years of age.

(b) *Character.* Applicant shall be of good moral character.

(c) *Citizenship.* Applicant shall be a citizen of the United States or of a foreign government which grants or has undertaken to grant reciprocal mechanic privileges to citizens of the United States on equal terms and conditions with citizens of such foreign government.

(d) *Education.* Applicant shall be able to read, write, speak, and understand the English language: *Provided, however,* That this requirement shall not apply to an applicant employed by an air carrier outside the United States, and that Airmen Rating Records issued to such applicants as may be unable to read, write, speak, or understand the English language shall bear the following notation: "Valid only outside the United States while employed by an air carrier".

(e) *Other requirements.* Applicant shall comply with the requirements prescribed in this part for the particular mechanic rating sought.

[Amdt. 39, 5 F. R. 684 as amended by Amdt. 73, 5 F. R. 3763, Amdt. 24-7, 7 F. R. 988, Amdt. 24-3, 13 F. R. 4314]

## RATINGS

§ 24.10 *Mechanic ratings.* Mechanic ratings are as follows:

(a) Aircraft mechanic rating;
(b) Aircraft engine mechanic rating;
(c) Factory mechanic rating.

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

(a) *Aeronautical knowledge.* Applicant shall have theoretical and practical knowledge of aircraft structure and rigging, including the control systems, and aircraft appliances, shall know how properly to inspect, maintain, and repair the same, and shall be generally familiar with the provisions of Parts 4a, 4b and 15, and thoroughly familiar with the provisions of Part 1 dealing with aircraft airworthiness and the provisions of Parts 18 and 24 of this subchapter.

(b) *Aeronautical experience.* Applicant shall have had at least 1 year of practical experience, or what is deemed by the Administrator to be its equivalent, in the construction, inspection, maintenance, or repair of aircraft and aircraft appliances.

(c) *Aeronautical skill.* Applicant shall satisfactorily demonstrate, by means of written, oral, and practical tests, his ability with respect to the subject matters prescribed in paragraph (a) of this section.

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

(a) *Aeronautical knowledge.* Applicant shall have theoretical and practical knowledge of aircraft power plants, propellers, and their appliances, shall know how properly to inspect, maintain, and repair the same, and shall be generally familiar with the provisions of Parts 4a, 4b, 13, and 14, and thoroughly familiar with the provisions of Part 1 dealing with aircraft airworthiness and the provisions of Parts 18 and 24 of this subchapter.

(b) *Aeronautical experience.* Applicant shall have had at least 1 year of practical experience, or what is deemed by the Administrator to be its equivalent, in the construction, inspection, maintenance, or repair of aircraft engines, propellers, and their appliances.

(c) *Aeronautical skill.* Applicant shall satisfactorily demonstrate, by means of written, oral, and practical tests, his ability with respect to the subject matters prescribed in paragraph (a) of this section.

[Amdt. 39, 5 F. R. 684, as amended by Amdt. 24-1, 8 F. R. 1303]

§ 24.13 *Factory mechanic rating.* To be eligible for a factory mechanic rating, applicant must be employed by and designated by a manufacturer holding a currently effective production certificate, as in direct charge of the inspection, maintenance, overhaul, or repair of aircraft, aircraft engines, propellers, or instruments constructed by such manufacturer. The experience and employment record of the applicant must indicate that he is competent to engage in such activity.

[Amdt. 39, 5 F. R. 684, as amended by Amdt. 109, 6 F. R. 2560]

## MECHANIC CERTIFICATE

§ 24.20 *Application.* Application for a mechanic certificate shall be made upon the applicable form prescribed and furnished by the Administrator.

(a) *Application to amend.* When any change in an Airman Rating Record[1] is desired, the applicant shall file a written request therefor upon the applicable form prescribed and furnished by the Administrator.

§ 24.21 *Display.* A mechanic certificate shall be kept readily available to the mechanic at all times when he is serving in connection with certificated aircraft, aircraft engines, propellers, appliances, or parachutes and shall be presented for inspection upon the reasonable request of any person.

§ 24.22 *Duration.* A mechanic's cer-

[1] Under § 24.40 no certificated mechanic who is directly in charge of packing parachutes or of the inspection, maintenance, or repair of certificated aircraft, aircraft engines, or their appliances, shall engage in such service unless the appropriate Airman Rating Record is attached to his certificate. The Airman Rating Record is a sheet attached to all mechanic certificates when they are issued and will contain the mechanic rating(s) held by the certificate holder.



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tificate shall be of 60 days' duration, and unless the holder is otherwise notified by the Administrator within such period, it shall continue in effect thereafter until otherwise specified by the Board, unless suspended or revoked: *Provided,* That a factory mechanic's rating shall terminate at any time that the holder thereof ceases to be employed by the manufacturer to whose products the rating is limited or whenever the facilities of such manufacturer are no longer available to or in use by the holder.

[Amdt. 24–10, 7 F. R. 5080]

§ 24.23 *Temporary certificates.* The Administrator or his authorized representative may issue a temporary mechanic certificate for a period of not to exceed 90 days, subject to the terms and conditions specified therein by the Administrator.

[Amdt. 24–2, 12 F. R. 4431]

§ 24.24 *Nontransferability.* A mechanic certificate is not transferable.

§ 24.25 *Surrender.* Upon the suspension, revocation, or expiration of a mechanic certificate, the holder thereof shall surrender such certificate, upon request, to any officer or employee of the Administrator.

§ 24.26 *Reexamination.* An applicant for a mechanic certificate or rating who has failed any prescribed practical or theoretical examination or test may apply for reexamination at any time after the expiration of 30 days from the date of such failure: *Provided,* That an applicant who has failed only the examination on the pertinent Civil Air Regulations (the regulations in this subchapter) may apply for reexamination on the Civil Air Regulations after he has received not less than 5 hours instruction on the Civil Air Regulations from a certificated ground instructor and presents a statement from such instructor showing the amount of instruction given and stating that he deems the applicant qualified to pass the required examination.

§ 24.27 *Revocation.* No person whose mechanic certificate has been revoked shall apply for or be issued a mechanic certificate of any rating for a period of 1 year after the revocation, except as the order of revocation may otherwise provide.

[Amdt. 87, 5 F. R. 5256]

§ 24.28 *Change of address.* Within 30 days after any change in the permanent mailing address of a holder of a mechanic certificate, the holder shall notify the Administrator in writing of such change. Such notice shall be mailed to the Administrator of Civil Aeronautics, attention Airman Records Branch, Washington 25, D. C.

[Amdt. 24–4 effective Oct. 1, 1949, 14 F. R. 5433]

EXAMINATIONS AND TESTS

§ 24.30 *General.* The examinations and tests prescribed in this part will be conducted by an authorized representative of the Administrator.

§ 24.31 *Time and place.* All examinations and tests will be held at such times and places as the Administrator or his representative may prescribe.

§ 24.32 *Inspection.* The applicant for a mechanic certificate or rating shall offer full cooperation with respect to any inspection and examination which may be made of such applicant upon proper request by any authorized representative of the Administrator prior or subsequent to the issuance of a mechanic certificate or rating.

§ 24.33 *Standard of performance.* All practical or theoretical examinations and tests shall be accomplished to the satisfaction of the Administrator, and the passing grade in each subject of examination or test shall be at least 70 percent.

MECHANIC REGULATIONS

§ 24.40 *Airman Rating Record requirement.* A certificated mechanic who is directly in charge of packing parachutes or of the inspection, maintenance, or repair of certificated aircraft, aircraft engines, or their appliances, shall not engage in such service unless there is attached to his certificate the appropriate Airman Rating Record, prescribed and issued by the Administrator. Every holder of a valid mechanic certificate, or parachute rigger certificate, in effect on May 1, 1940, may perform service pursuant to such authority without an Airman Rating Record until the expiration, suspension, or revocation of such license or certificate.

§ 24.41 *Parachute packing.* A certificated mechanic holding a currently effective parachute rigger rating shall not repack any parachute which is not in condition for safe use.

§ 24.42 *Major and minor parachute repairs.* A certificated mechanic shall not make any major parachute repairs unless, at the time of making such repairs, he is in the employ of the manufacturer of the parachute or another parachute manufacturer deemed competent for the purpose by the Administrator. Unless prior approval has been obtained from the Administrator, such mechanic shall not pack or repack any parachute, or make any minor parachute repairs, such as the replacement of pack-opening rubbers, packs and pilot chutes, and the patching of holes and tears in silk, in a place other than where the following facilities for such operations are available:

(a) A suitable table, at least 3 feet by 40 feet, with smooth surface;

(b) A rack where parachutes can be suspended for drying and airing;

(c) Packing tools and repair equipment suitable for the repacking and repair of the type of parachute involved;

(d) Adequate housing facilities for the above equipment.

§ 24.43 *Factory mechanic rating limitations.* The holder of a factory mechanic rating shall be limited to the inspection, maintenance, overhaul, or repair of aircraft, aircraft engines, propellers, or instruments constructed by the manufacturer employing the holder. Such work shall be performed only for such manufacturer and through the use of facilities provided by him.

[Amdt. 109, 6 F. R. 2561]

§ 24.44 *Recent experience requirements.* The holder of a mechanic's certificate shall not exercise the privileges thereunder, unless within the preceding twenty-four calendar months he has:

(a) Served as a mechanic under the terms of his certificate and rating for at least six months of such twenty-four-month period, or

(b) Demonstrated to the satisfaction of the Administrator that he is able to meet the standards currently prescribed by the regulations in this subchapter for the issuance of the certificate and rating.

[Amdt. 24–10, 7 F. R. 5080]

§ 24.45 *Reports.* The holder of a mechanic's certificate shall transmit to the Administrator, annually, during the month of January, a report for the preceding twelve-month period, setting forth the amount and type of his aeronautical experience and such other pertinent data as the Administrator may require.

[Amdt. 24–10, 7 F. R. 5080]

§ 24.46 *Expired certificates; special issuance.* The holder of a mechanic's certificate which has expired during the preceding twelve months may obtain a new certificate and the same rating theretofore held immediately prior to its expiration, upon application, by demonstrating to the satisfaction of the Administrator that he is able to meet the standards currently prescribed by the regulations in this subchapter for the issuance of the certificate and rating.

[Amdt. 24–10, 7 F. R. 5080]

NOTICE

Advise the Civil Aeronautics Board, Washington 25, D. C., that you have purchased this Part of the Civil Air Regulations and that agency will supply you with copies of amendments which have been issued since this printing. Be sure to specify the number of this Part, otherwise your request cannot be filled.

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