Federal Aviation Agency
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Civil Aeronautics Manual 24
Mechanic and Repairman Certificates

Supplement No. 2, CAM 24 dated Dec. 15, 1959 **Jan. 1, 1961**

SUBJECT: Correction to page 7 issued by Supplement No. 1.

This supplement furnishes a new page 7 to include the black brackets inadvertently omitted in paragraph (a) (2) of section 24.43–1.

Remove the following pages:	*Insert the following new pages:*
7 and 8	7 and 8

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ATTACHMENT.

after he has performed, supervised, or inspected maintenance, minor repair, or minor alteration thereon. In addition, he may perform the 100-hour inspection required by Part 43 of this subchapter on an airframe, or any component thereof, and may return the same to service.

24.42 *Powerplant rating.* A certificated mechanic with a powerplant rating may perform maintenance, minor repairs, or minor alterations to a propeller, and may release the powerplant or propeller, or any component thereof, for service after he has performed, supervised, or inspected maintenance, minor repair, or minor alteration thereon. In addition, he may perform the 100-hour inspection required by Part 43 of this subchapter on a powerplant or propeller, or any component thereof, and may release the same to service.

24.43 *Airframe and powerplant ratings.*

(a) A certificated mechanic holding both airframe and powerplant ratings and having such other qualifications as the Administrator may deem appropriate, when issued an inspection authorization by the Administrator under paragraph (b) of this section, may:

(1) Inspect and return to service aircraft or aircraft components thereof (excluding aircraft operated in accordance with the provisions of Part 40 or Part 41 of this subchapter, or aircraft of more than 12,500 pounds maximum certificated take-off weight when operated in accordance with the provisions of Part 42 of this subchapter) after major repairs and major alterations have been made in accordance with the provisions of Part 18 of this subchapter; and

(2) Perform the periodic, and perform or supervise the progressive inspections required by Part 43 of this subchapter. The activities conducted under authority of this subparagraph shall be in accordance with procedures and standards prescribed by the Administrator.

(b) The Administrator shall issue an appropriate, written inspection authorization to any person qualified under paragraph (a) of this section who shall apply therefor in a manner and form specified by the Administrator.

24.43–1 *Inspection authorization (FAA rules which apply to sec.* 24.43).

(a) *Qualifications.* Authority to examine, inspect, and release aircraft for service in accordance with section 24.43 (a) of this part will be granted to any certificated mechanic applying in accordance with paragraph (b) of this section who has the following additional qualifications:

(1) His airframe and powerplant ratings shall have been in effect for a total of at least three years prior to the date of application;

[(2) He has been actively engaged for at least 2 years, immediately preceding the date of application, in the inspection, maintenance, and repair of aircraft certificated and maintained in accordance with the provisions of the Civil Air Regulations.]

(3) He shall have a fixed base of operation at which he can be contacted in person or by telephone during a normal working week. The fixed base of operation does not necessarily have to be the location at which the applicant will exercise the inspection authority;

(4) He shall have available such equipment, facilities, and inspection data as are necessary for the competent and efficient inspection of airframes and powerplants to determine compliance with applicable Civil Air Regulations;

(5) He shall have a satisfactory record as a FAA Designated Aircraft Maintenance Inspector for at least 1 year immediately preceding the date of application, or

(6) He shall by examination satisfactorily demonstrate his knowledge and ability to conduct inspections in accordance with the prescribed safety standards for returning aircraft to service after major repairs and alterations performed in accordance with Part 18 of this subchapter and the inspections required by section 43.22 of this subchapter.

(b) *Procedure for making application.* A certificated mechanic meeting the qualification requirements of paragraph (a) (1) through (5) of this section who desires the authorization to perform the privileges of section 24.43 of this part shall make application on Form ACA–2353 entitled, "Mechanic's Application for Inspection Authorization."[4] Applicants who only meet the requirements of paragraph (a) (1) through (4) of this section shall complete Form ACA–2353 and shall satisfactorily accomplish the examination required in paragraph (a) (6)

[4] Appendix B contains additional instructions for making application for mechanic's inspection authorization.

of this section.[5] In the event an applicant fails the examination, he may not apply for reexamination for 90 days.

(c) *Inspection authorization.* Applicants found qualified will be issued Form FAA–2354 entitled, "Inspection Authorization." This inspection authorization shall be kept readily available by the mechanic at all times when exercising the privileges of section 24.43 of this part and shall be available for inspection by the aircraft owner, by the mechanic submitting the aircraft or the repair for approval, or by any authorized representative of the Administrator or the Civil Aeronautics Board. The holder of an inspection authorization shall not exercise the privileges of the authorization when he has changed his fixed base of operation until written notification thereof has been given to the Bureau of Flight Standards District Office in the area in which the new base is established.

(d) *Duration of authorization.* An inspection authorization shall expire on March 31 of each year.

(e) *Procedure for renewal of authorization.* The holder of an Inspection Authorization, Form FAA–2354, may have the authorization extended until March 31 of the following year by:

(1) Presenting evidence, at a meeting designated by the local district office during the month of March each year,[6] to show that the holder has been actively engaged in exercising the privileges of the inspection authorization during the preceding 12 months in at least one of the following capacities:

(i) Conducted at least one periodic inspection for each 90 days [7] the authorization has been in effect since issuance or last renewal, or

(ii) Inspected for return to service at least two repairs or alterations for each 90 days [6] the authorization has been in effect since issuance or last renewal, or

(iii) Supervised or conducted progressive inspections in accordance with the standards prescribed by the Administrator.

(2) Reapplying for the inspection authorization in accordance with the procedures set forth in paragraph (b) of this section.

(Published in 21 F. R., May 15, 1956, effective July 17, 1956; amended in 23 F. R. 1591, Mar. 6, 1958, effective Mar. 28, 1958; amended in 25 F. R. 6685, July 15, 1960, effective July 15, 1960.)

24.43–2 *Prescribed standards (FAA interpretations which apply to sec. 24.43).* The phrase "procedures and standards prescribed by the Administrator" means those procedures and standards set forth in section 18.30 of this subchapter.

(Published in 21 F. R., May 15, 1956, effective July 17, 1956.)

Operating Rules

24.50 *General.* A certificated mechanic shall not exercise the privileges of his certificate and rating unless he is familiar with the current manufacturers' instructions and the maintenance manuals pertinent to the particular operation to be performed.

24.51 *Recent experience requirements.* A certificated mechanic shall not exercise the privileges of his certificate and ratings unless, within the preceding 24 months he has either:

(a) Been found competent by an authorized representative of the Administrator, or

(b) For at least 6 months during the preceding 24-month period:

(1) Served as a mechanic under the terms of his certificate and ratings, or

(2) Been engaged in the technical supervision of mechanics, or

(3) Been engaged in the executive supervision of maintenance, repair, or alteration of aircraft, or

(4) Been engaged in any combination of subparagraphs (1), (2), and (3) of this paragraph.

Subpart B—Repairman Certificates

Certification Rules

24.100 *Classification.* There is hereby established a classification of airman, known as a "repairman," who:

[5] Appendix C contains additional information concerning the written examination.

[6] The location and number of meetings held in each Bureau of Flight Standards District Office area will be governed by the location and number of mechanics holding the inspection authorization.

[7] Inspection authorizations which have been in effect less than 90 days will be renewed for another year provided the holder still meets the qualifications required for original appointment by paragraph (a) (1), (2), (3), and (4) of this section.