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§ 145.221 Service difficulty reports.

(a) A certificated repair station must report to the FAA within 96 hours after it discovers any serious failure, malfunction, or defect of an article. The report must be in a format acceptable to the FAA.

(b) The report required under paragraph (a) of this section must include as much of the following information as is available:

- (1) Aircraft registration number;
- (2) Type, make, and model of the article;
- (3) Date of the discovery of the failure, malfunction, or defect;
- (4) Nature of the failure, malfunction, or defect;
- (5) Time since last overhaul, if applicable;
- (6) Apparent cause of the failure, malfunction, or defect; and
- (7) Other pertinent information that is necessary for more complete identification, determination of seriousness, or corrective action.

(c) The holder of a repair station certificate that is also the holder of a part 121, 125, or 135 certificate; type certificate (including a supplemental type certificate); parts manufacturer approval; or technical standard order authorization, or that is the licensee of a type certificate holder, does not need to report a failure, malfunction, or defect under this section if the failure, malfunction, or defect has been reported under parts 21, 121, 125, or 135 of this chapter.

(d) A certificated repair station may submit a service difficulty report for the following:

- (1) A part 121 certificate holder, provided the report meets the requirements of part 121 of this chapter, as appropriate.
- (2) A part 125 certificate holder, provided the report meets the requirements of part 125 of this chapter, as appropriate.
- (3) A part 135 certificate holder, provided the report meets the requirements of part 135 of the chapter, as appropriate.

(e) A certificated repair station authorized to report a failure, malfunction, or defect under paragraph (d) of this section must not report the same failure, malfunction, or defect under

paragraph (a) of this section. A copy of the report submitted under paragraph (d) of this section must be forwarded to the certificate holder.

[Docket FAA-1999-5836, 66 FR 41117, Aug. 6, 2001, as amended by Amdt. 22, 68 FR 75382, Dec. 30, 2003; Amdt. 145-26, 70 FR 76979, Dec. 29, 2005; Amdt. 145-30, 79 FR 46985, Aug. 12, 2014; Amdt. 145-30A, 79 FR 66607, Nov. 10, 2014]

§ 145.223 FAA inspections.

(a) A certificated repair station must allow the FAA to inspect that repair station at any time to determine compliance with this chapter.

(b) A certificated repair station may not contract for the performance of a maintenance function on an article with a noncertificated person unless it provides in its contract with the noncertificated person that the FAA may make an inspection and observe the performance of the noncertificated person's work on the article.

(c) A certificated repair station may not return to service any article on which a maintenance function was performed by a noncertificated person if the noncertificated person does not permit the FAA to make the inspection described in paragraph (b) of this section.

PART 147—AVIATION MAINTENANCE TECHNICIAN SCHOOLS

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SOURCE: Docket FAA–2021–0237, Amdt. 147–9, 87 FR 31415, May 24, 2022, unless otherwise noted.

Subpart A—General

§ 147.1 Applicability.

This part prescribes the requirements for issuing aviation maintenance technician school certificates and associated ratings and the general operating rules for the holders of those certificates and ratings.

§ 147.3 Certificate required.

No person may operate an aviation maintenance technician school without, or in violation of, an aviation maintenance technician school certificate and the operations specifications issued under this part.

§ 147.5 Application requirements.

(a) To be issued a certificate or rating under this part, an applicant must demonstrate compliance with the requirements of this part.

(b) An application for a certificate and rating to operate an aviation maintenance technician school must include the following:

(1) A description of the facilities, including the physical address of the applicant's primary location for operation of the school, and any additional fixed locations where training will be provided, and the equipment and materials to be used at each location;

(2) A description of the manner in which the school's curriculum will ensure the student has the knowledge and skills necessary for attaining a mechanic certificate and associated ratings under subpart D of part 65 of this chapter;

(3) A description of the manner in which the school will ensure it provides the necessary qualified instructors to meet the requirements of § 147.19; and

(4) Any additional information necessary to demonstrate compliance with the requirements of this part.

(c) An application for an additional rating or amended certificate must include only the information required by paragraph (b) of this section that is

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necessary to substantiate the reason for the additional rating or change sought.

§ 147.7 Duration of certificates.

An aviation maintenance technician school certificate or rating issued under this part is effective from the date of issue until the certificate or rating is surrendered, suspended, or revoked.

§ 147.11 Ratings.

The following ratings may be issued under this part:

- (a) Airframe.
- (b) Powerplant.
- (c) Airframe and powerplant.

Subpart B—Certification and Operating Requirements

§ 147.13 Facilities, equipment, and material requirements.

(a) Each certificated aviation maintenance technician school must provide and maintain the facilities, equipment, and materials that are appropriate to the rating or ratings held by the school and the number of students taught.

(b) For certificated aviation maintenance technician schools that provide training at more than one location in accordance with § 147.15, the facilities, equipment, and materials used at each location must be appropriate to the curriculum or portion of the curriculum, and the number of students being taught, at that location.

§ 147.15 Training provided at another location.

A certificated aviation maintenance technician school may provide training at any fixed location other than its primary location, provided the additional training location meets the requirements of this part and is listed in the certificate holder's operations specifications.

§ 147.17 Training requirements.

(a) Each certificated aviation maintenance technician school must:

(1) Establish, maintain, and utilize a curriculum that is designed to continually align with the mechanic airman certification standards referenced in

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paragraph (b) of this section, as appropriate for the ratings held;

(2) Provide training of a quality that meets the requirements of § 147.25; and

(3) Ensure students have the knowledge and skills necessary to be prepared to test for a mechanic certificate and associated ratings under subpart D of part 65 of this chapter.

(b) FAA–S–ACS–1, Aviation Mechanic General, Airframe, and Powerplant Airman Certification Standards, November 1, 2021, is incorporated by reference into this section with the approval of the Director of the Federal Register under 5 U.S.C. 552(a) and 1 CFR part 51. This material is available for inspection at the Federal Aviation Administration (FAA) and the National Archives and Records Administration (NARA). For information on the availability of this material at FAA, contact Training and Certification Group, 202–267–1100, ACSPTSinquiries@faa.gov. For information on the availability of this material at NARA, email: fr.inspection@nara.gov, or go to www.archives.gov/federal-register/cfr/ibr-locations. This material may be obtained from FAA, 800 Independence Avenue SW, Washington, DC 20591, 866–835–5322, www.faa.gov/training_testing.

[Docket FAA–2021–0237, Amdt. 147–9, 87 FR 31415, May 24, 2022, as amended by Docket No. FAA–2023–1377, Amdt. No. 147–10, 90 FR 35222, July 24, 2025]

§ 147.19 Instructor requirements.

Each certificated aviation maintenance technician school must:

(a) Provide qualified instructors to teach in a manner that ensures positive educational outcomes are achieved;

(b) Ensure instructors either—

(1) Hold a mechanic certificate with one or more appropriate ratings; or

(2) If they do not hold a mechanic certificate, are otherwise specifically qualified to teach their assigned content; and

(c) Ensure the student-to-instructor ratio does not exceed 25:1 for any shop class.

§ 147.21 Certificate of completion.

Each certificated aviation maintenance technician school must provide

an authenticated document to each graduating student, indicating the student's date of graduation and curriculum completed.

§ 147.23 Quality control system.

(a) Each certificated aviation maintenance technician school must—

(1) Be accredited within the meaning of 20 U.S.C. 1001(a)(5); or

(2) Establish and maintain a quality control system that meets the requirements specified in paragraph (b) of this section, and is approved by the Administrator.

(b) The quality control system specified in paragraph (a)(2) of this section must provide procedures for record-keeping, assessment, issuing credit, issuing of final course grades, attendance, ensuring sufficient number of instructors, granting of graduation documentation, and corrective action for addressing deficiencies.

§ 147.25 Minimum passage rate.

(a) Each certificated aviation maintenance technician school must maintain the pass rate specified in paragraph (b) of this section for the most recent 3-year period.

(b) For students who take an FAA mechanic test under part 65 of this chapter within 60 days after graduation, at least 70 percent of students must pass one of the following tests or any combination thereof:

(1) Written test;

(2) Oral test; or

(3) Practical test.

(c) For students who take a combination of tests within the 60-day window specified in paragraph (b) of this section, an aviation maintenance technician school must count a failure on any one test as a student failure for purposes of determining the pass rate, unless that failed test is subsequently passed within the 60-day window.

§ 147.27 FAA inspection.

A certificated aviation maintenance technician school must allow the Administrator such access as the Administrator determines necessary to inspect the one or more locations of the school for purposes of determining the school's compliance with the requirements of this part.

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§ 147.29 Display of certificate.

A certificated aviation maintenance technician school must display its aviation maintenance technician school certificate at a place in each location of the school, including the primary location and any additional fixed locations, that is visible by and normally accessible to the public.

§ 147.31 Early testing.

When a student satisfactorily completes the general portion of a certificated aviation maintenance technician school's curriculum, the school may issue an authenticated document that demonstrates the student's preparedness to take the mechanic general written test in accordance with § 65.75(c) of this chapter.