

14 CFR Part 147	Public Law 116-260 (SEC. 135, PROMOTING AVIATION REGULATIONS FOR TECHNICAL TRAINING)
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	(a) NEW REGULATIONS REQUIRED.
	<p>(1) INTERIM FINAL REGULATIONS.—Not later than 90 days after the date of enactment of this section, the Administrator shall issue interim final regulations to establish requirements for issuing aviation maintenance technician school certificates and associated ratings and the general operating rules for the holders of those certificates and ratings in accordance with the requirements of this section.</p> <p>(2) REPEAL OF CURRENT REGULATIONS.—Upon the effective date of the interim final regulations required under paragraph (1), part 147 of title 14, Code of Federal Regulations (as in effect on the date of enactment of this title) and any regulations issued under section 624 of the FAA Reauthorization Act of 2018 (Public Law 115–254) shall have no force or effect on or after the effective date of such interim final regulations.</p>
§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.	(b) AVIATION MAINTENANCE TECHNICIAN SCHOOL CERTIFICATION REQUIRED.
No person may operate as a certificated aviation maintenance technician school without, or in violation of, an aviation maintenance technician school certificate issued under this part.	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 the interim final regulations required under subsection (a)(1), the requirements of this section, or in a manner that is inconsistent with information in the school’s operations specifications under subsection (c)(5).
§147.5 Application and issue.	(c) CERTIFICATE AND OPERATIONS SPECIFICATIONS REQUIREMENTS. (1) APPLICATION REQUIREMENTS. (A) IN GENERAL.
(a) An application for a certificate and rating, or for an additional rating, under this part is made on a form and in a manner prescribed by the Administrator, and submitted with—	An application for a certificate or rating to operate an aviation maintenance technician school shall include the following:
(1) A description of the proposed curriculum;	(ii) 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 title 14, Code of Federal Regulations (or any successor regulation).
(2) A list of the facilities and materials to be used;	(i) A description of the facilities, including the physical address of the certificate holder’s primary location for operation of the school, any additional fixed locations where training will be provided, and the equipment and materials to be used at each location.

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(3) A list of its instructors, including the kind of certificate and ratings held and the certificate numbers; and	(iii) A description of the manner in which the school will ensure it provides the necessary qualified instructors to meet the requirements of subsection (d)(4).
(4) A statement of the maximum number of students it expects to teach at any one time.	
(b) An applicant who meets the requirements of this part is entitled to an aviation maintenance technician school certificate and associated ratings prescribing such operations specifications and limitations as are necessary in the interests of safety.	
	(B) DOCUMENTED IN THE SCHOOL'S OPERATIONS SPECIFICATIONS.
	Upon issuance of the school's certificate or rating, the information required under subparagraph (A) shall be documented in the school's operations specifications.
	(2) CHANGE APPLICATIONS.
	(A) IN GENERAL.—An application for an additional rating or amended certificate shall include only the information necessary to substantiate the reason for the requested additional rating or change. (B) APPROVED CHANGES.—Any approved changes shall be documented in the school's operations specifications.
§147.7 Duration of certificates.	(3) DURATION.
(a) An aviation maintenance technician school certificate or rating is effective until it is surrendered, suspended, or revoked. (b) The holder of a certificate that is surrendered, suspended, or revoked, shall return it to the Administrator.	An aviation maintenance technician school certificate or rating issued under the interim final regulations required under subsection (a)(1) shall be effective from the date of issue until the certificate or rating is surrendered, suspended, or revoked.
§147.8 Employment of former FAA employees.	
(a) Except as specified in paragraph (c) of this section, no holder of an aviation maintenance technician certificate may knowingly employ or make a contractual arrangement which permits an individual to act as an agent or representative of the certificate holder in any matter before the Federal Aviation Administration if the individual, in the preceding 2 years— (1) Served as, or was directly responsible for the oversight of, a Flight Standards Service aviation safety inspector; and (2) Had direct responsibility to inspect, or oversee the inspection of, the operations of the certificate holder. (b) For the purpose of this section, an individual shall be considered to be acting as an agent or representative of a certificate holder in a matter before the agency if the individual makes any written or oral communication on behalf of the certificate holder to the agency (or any of its officers or employees) in connection with a particular matter, whether or not involving a specific party and without regard to	

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<p>whether the individual has participated in, or had responsibility for, the particular matter while serving as a Flight Standards Service aviation safety inspector.</p> <p>(c) The provisions of this section do not prohibit a holder of an aviation maintenance technician school certificate from knowingly employing or making a contractual arrangement which permits an individual to act as an agent or representative of the certificate holder in any matter before the Federal Aviation Administration if the individual was employed by the certificate holder before October 21, 2011.</p>	
§147.11 Ratings.	(4) CERTIFICATE RATINGS.
<p>The following ratings are issued under this part:</p> <p>(a) Airframe.</p> <p>(b) Powerplant.</p> <p>(c) Airframe and powerplant.</p>	<p>An aviation maintenance technician school certificate issued under the interim final regulations required under subsection (a)(1) shall specify which of the following ratings are held by the aviation maintenance technician school:</p> <p>(A) Airframe.</p> <p>(B) Powerplant.</p> <p>(C) Airframe and Powerplant.</p>
	<p>(5) OPERATIONS SPECIFICATIONS.</p> <p>A certificated aviation maintenance technician school shall operate in accordance with operations specifications that include the following:</p> <p>(A) The certificate holder's name.</p> <p>(B) The certificate holder's air agency certificate number.</p> <p>(C) The name and contact information of the certificate holder's primary point of contact.</p> <p>(D) The physical address of the certificate holder's primary location, as provided under paragraph (1)(A).</p> <p>(E) The physical address of any additional location of the certificate holder, as provided under subsection (d)(2).</p> <p>(F) The ratings held, as provided under paragraph (4).</p> <p>(G) Any regulatory exemption granted to the school by the Administrator.</p>
§147.13 Facilities, equipment, and material requirements.	<p>(d) OPERATIONS REQUIREMENTS.</p> <p>(1) FACILITIES, EQUIPMENT, AND MATERIAL REQUIREMENTS.</p>
<p>An applicant for an aviation maintenance technician school certificate and rating, or for an additional rating, must have at least the facilities, equipment, and materials specified in §§147.15 to 147.19 that are appropriate to the rating he seeks.</p>	<p>Each certificated aviation maintenance technician school shall provide and maintain the facilities, equipment, and materials that are appropriate to the 1 or more ratings held by the school and the number of students taught.</p>
	(2) TRAINING PROVIDED AT ANOTHER LOCATION.
	<p>A certificated aviation maintenance technician school may provide training at any additional location that meets the requirements of the interim final regulations required under subsection (a)(1) and is listed in the certificate holder's operations specifications.</p>

§147.15 Space requirements.

An applicant for an aviation maintenance technician school certificate and rating, or for an additional rating, must have such of the following properly heated, lighted, and ventilated facilities as are appropriate to the rating he seeks and as the Administrator determines are appropriate for the maximum number of students expected to be taught at any time:

- (a) An enclosed classroom suitable for teaching theory classes.
- (b) Suitable facilities, either central or located in training areas, arranged to assure proper separation from the working space, for parts, tools, materials, and similar articles.
- (c) Suitable area for application of finishing materials, including paint spraying.
- (d) Suitable areas equipped with washtank and degreasing equipment with air pressure or other adequate cleaning equipment.
- (e) Suitable facilities for running engines.
- (f) Suitable area with adequate equipment, including benches, tables, and test equipment, to disassemble, service, and inspect.
 - (1) Ignition, electrical equipment, and appliances;
 - (2) Carburetors and fuel systems; and
 - (3) Hydraulic and vacuum systems for aircraft, aircraft engines, and their appliances.
- (g) Suitable space with adequate equipment, including tables, benches, stands, and jacks, for disassembling, inspecting, and rigging aircraft.
- (h) Suitable space with adequate equipment for disassembling, inspecting, assembling, troubleshooting, and timing engines.

§147.17 Instructional equipment requirements.

(a) An applicant for a mechanic school certificate and rating, or for an additional rating, must have such of the following instructional equipment as is appropriate to the rating he seeks:

- (1) Various kinds of airframe structures, airframe systems and components, powerplants, and powerplant systems and components (including propellers), of a quantity and type suitable to complete the practical projects required by its approved curriculums.
 - (2) At least one aircraft of a type currently certificated by FAA for private or commercial operation, with powerplant, propeller, instruments, navigation and communications equipment, landing lights, and other equipment and accessories on which a maintenance technician might be required to work and with which the technician should be familiar.
- (b) The equipment required by paragraph (a) of this section need not be in an airworthy condition. However, if it was damaged, it must have been repaired enough for complete assembly.

(c) Airframes, powerplants, propellers, appliances, and components thereof, on which instruction is to be given, and from which practical working experience is to be gained, must be so diversified as to show the different methods of construction, assembly, inspection, and operation when installed in an aircraft for use. There must be enough units so that not more than eight students will work on any one unit at a time.

(d) If the aircraft used for instructional purposes does not have retractable landing gear and wing flaps, the school must provide training aids, or operational mock-ups of them.

§147.19 Materials, special tools, and shop equipment requirements.

An applicant for an aviation maintenance technician school certificate and rating, or for an additional rating, must have an adequate supply of material, special tools, and such of the shop equipment as are appropriate to the approved curriculum of the school and are used in constructing and maintaining aircraft, to assure that each student will be properly instructed. The special tools and shop equipment must be in satisfactory working condition for the purpose for which they are to be used.

§147.21 General curriculum requirements.

(a) An applicant for an aviation maintenance technician school certificate and rating, or for an additional rating, must have an approved curriculum that is designed to qualify his students to perform the duties of a mechanic for a particular rating or ratings.

(b) The curriculum must offer at least the following number of hours of instruction for the rating shown, and the instruction unit hour shall not be less than 50 minutes in length—

- (1) Airframe—1,150 hours (400 general plus 750 airframe).
- (2) Powerplant—1,150 hours (400 general plus 750 powerplant).
- (3) Combined airframe and powerplant—1,900 hours (400 general plus 750 airframe and 750 powerplant).

(c) The curriculum must cover the subjects and items prescribed in appendixes B, C, or D, as applicable. Each item must be taught to at least the indicated level of proficiency, as defined in appendix A.

(d) The curriculum must show—

- (1) The required practical projects to be completed;
- (2) For each subject, the proportions of theory and other instruction to be given; and
- (3) A list of the minimum required school tests to be given.

(e) Notwithstanding the provisions of paragraphs (a) through (d) of this section and §147.11, the holder of a certificate issued under subpart B of this part may apply for and receive approval of special courses in the performance of special inspection and preventive maintenance programs for a primary category aircraft type certificated

(3) TRAINING REQUIREMENTS.

Each certificated aviation maintenance technician school shall—

- (A) establish, maintain, and utilize a curriculum designed to continually align with mechanic airman certification standards as appropriate for the ratings held;
- (B) provide training of a quality that meets the requirements of subsection (f)(1); and
- (C) ensure students have the knowledge and skills necessary to be eligible to test for a mechanic certificate and associated ratings under subpart D of part 65 of title 14, Code of Federal Regulations (or any successor regulation).

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<p>under §21.24(b) of this chapter. The school may also issue certificates of competency to persons successfully completing such courses provided that all other requirements of this part are met and the certificate of competency specifies the aircraft make and model to which the certificate applies.</p>	
<p>§147.23 Instructor requirements.</p>	<p>(4) INSTRUCTOR REQUIREMENTS.—</p>
<p>An applicant for an aviation maintenance technician school certificate and rating, or for an additional rating, must provide the number of instructors holding appropriate mechanic certificates and ratings that the Administrator determines necessary to provide adequate instruction and supervision of the students, including at least one such instructor for each 25 students in each shop class. However, the applicant may provide specialized instructors, who are not certificated mechanics, to teach mathematics, physics, basic electricity, basic hydraulics, drawing, and similar subjects. The applicant is required to maintain a list of the names and qualifications of specialized instructors, and upon request, provide a copy of the list to the FAA.</p>	<p>Each certificated aviation maintenance technician school shall— (A) provide qualified instructors to teach in a manner that ensures positive educational outcomes are achieved; (B) ensure instructors hold a mechanic certificate with 1 or more appropriate ratings (or, with respect to instructors who are not certified mechanics, ensure instructors 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.</p>
<p>§147.31 Attendance and enrollment, tests, and credit for prior instruction or experience.</p>	<p>(e) QUALITY CONTROL SYSTEM.</p>
<p>(a) A certificated aviation maintenance technician school may not require any student to attend classes of instruction more than 8 hours in any day or more than 6 days or 40 hours in any 7-day period. (b) Each school shall give an appropriate test to each student who completes a unit of instruction as shown in that school's approved curriculum. (c) A school may not graduate a student unless he has completed all of the appropriate curriculum requirements. However, the school may credit a student with instruction or previous experience as follows: (1) A school may credit a student with instruction satisfactorily completed at— (i) An accredited university, college, junior college; (ii) An accredited vocational, technical, trade or high school; (iii) A military technical school; (iv) A certificated aviation maintenance technician school. (2) A school may determine the amount of credit to be allowed— (i) By an entrance test equal to one given to the students who complete a comparable required curriculum subject at the crediting school; (ii) By an evaluation of an authenticated transcript from the student's former school; or (iii) In the case of an applicant from a military school, only on the basis of an entrance test. (3) A school may credit a student with previous aviation maintenance experience comparable to required curriculum subjects. It must determine the amount of credit to be allowed by documents verifying that experience, and by giving the student a</p>	<p>(1) ACCREDITATION.—Each aviation maintenance technician school shall— (A) be accredited as meeting the definition of an institution of higher education provided for in section 101 of the Higher Education Act of 1965 (20 U.S.C. 1001); or (B) establish and maintain a quality control system that meets the requirements specified in paragraph (2) and is approved by the Administrator. (2) FAA-APPROVED SYSTEM REQUIREMENTS.— In the case of an aviation maintenance technician school that is not accredited as set forth in paragraph (1), the Administrator shall approve a quality control system that provides procedures for recordkeeping, assessment, issuing credit, issuing of final course grades, attendance, ensuring sufficient number of instructors, granting of graduation documentation, and corrective action for addressing deficiencies.</p>

<p>test equal to the one given to students who complete the comparable required curriculum subject at the school.</p> <p>(4) A school may credit a student seeking an additional rating with previous satisfactory completion of the general portion of an AMTS curriculum.</p> <p>(d) A school may not have more students enrolled than the number stated in its application for a certificate, unless it amends its application and has it approved.</p> <p>(e) A school shall use an approved system for determining final course grades and for recording student attendance. The system must show hours of absence allowed and show how the missed material will be made available to the student.</p>	
<p>§147.33 Records.</p>	
<p>(a) Each certificated aviation maintenance technician school shall keep a current record of each student enrolled, showing—</p> <p>(1) His attendance, tests, and grades received on the subjects required by this part;</p> <p>(2) The instruction credited to him under §147.31(c), if any; and</p> <p>(3) The authenticated transcript of his grades from that school.</p> <p>It shall retain the record for at least two years after the end of the student's enrollment, and shall make each record available for inspection by the Administrator during that period.</p> <p>(b) Each school shall keep a current progress chart or individual progress record for each of its students, showing the practical projects or laboratory work completed, or to be completed, by the student in each subject.</p>	
<p>§147.35 Transcripts and graduation certificates.</p>	<p>(5) CERTIFICATE OF COMPLETION.</p>
<p>(a) Upon request, each certificated aviation maintenance technician school shall provide a transcript of the student's grades to each student who is graduated from that school or who leaves it before being graduated. An official of the school shall authenticate the transcript. The transcript must state the curriculum in which the student was enrolled, whether the student satisfactorily completed that curriculum, and the final grades the student received.</p>	
<p>(b) Each school shall give a graduation certificate or certificate of completion to each student that it graduates. An official of the school shall authenticate the certificate. The certificate must show the date of graduation and the approved curriculum title.</p>	<p>Each certificated aviation maintenance technician school shall provide authenticated documentation to each graduating student, indicating the student's date of graduation and curriculum completed, as described in paragraph (3)(A).</p>
<p>§147.36 Maintenance of instructor requirements.</p>	
<p>Each certificated aviation maintenance technician school shall, after certification or addition of a rating, continue to provide the number of instructors holding appropriate mechanic certificates and ratings that the Administrator determines necessary to provide adequate instruction to the students, including at least one such instructor for each 25 students in each shop class. The school may continue to</p>	

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<p>provide specialized instructors who are not certificated mechanics to teach mathematics, physics, drawing, basic electricity, basic hydraulics, and similar subjects.</p>	
<p>§147.37 Maintenance of facilities, equipment, and material.</p>	
<p>(a) Each certificated aviation maintenance technician school shall provide facilities, equipment, and material equal to the standards currently required for the issue of the certificate and rating that it holds. (b) A school may not make a substantial change in facilities, equipment, or material that have been approved for a particular curriculum, unless that change is approved in advance.</p>	
<p>§147.38 Maintenance of curriculum requirements.</p>	
<p>(a) Each certificated aviation maintenance technician school shall adhere to its approved curriculum. With FAA approval, curriculum subjects may be taught at levels exceeding those shown in appendix A of this part. (b) A school may not change its approved curriculum unless the change is approved in advance.</p>	
<p>§147.38a Quality of instruction.</p>	<p>(f) ADDITIONAL REQUIREMENTS.— (1) MINIMUM PASSAGE RATE.</p>
<p>Each certificated aviation maintenance technician school shall provide instruction of such quality that, of its graduates of a curriculum for each rating who apply for a mechanic certificate or additional rating within 60 days after they are graduated, the percentage of those passing the applicable FAA written tests on their first attempt during any period of 24 calendar months is at least the percentage figured as follows: (a) For a school graduating fewer than 51 students during that period—the national passing norm minus the number 20. (b) For a school graduating at least 51, but fewer than 201, students during that period—the national passing norm minus the number 15. (c) For a school graduating more than 200 students during that period—the national passing norm minus the number 10. As used in this section, “national passing norm” is the number representing the percentage of all graduates (of a curriculum for a particular rating) of all certificated aviation maintenance technician schools who apply for a mechanic certificate or additional rating within 60 days after they are graduated and pass the applicable FAA written tests on their first attempt during the period of 24 calendar months described in this section.</p>	<p>A certificated aviation maintenance technician school shall maintain a pass rate of at least 70 percent of students who took a written, oral, or practical (or any combination thereof) FAA mechanic tests within 60 days of graduation for the most recent 3-year period.</p>
<p>§147.39 Display of certificate.</p>	<p>(3) DISPLAY OF CERTIFICATE.</p>

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Each holder of an aviation maintenance technician school certificate and ratings shall display them at a place in the school that is normally accessible to the public and is not obscured. The certificate must be available for inspection by the Administrator.	A certificated aviation maintenance technician school shall display its aviation maintenance technician school certificate at a location in the school that is visible by and normally accessible to the public.
§147.41 Change of location.	
The holder of an aviation maintenance technician school certificate may not make any change in the school's location unless the change is approved in advance. If the holder desires to change the location he shall notify the Administrator, in writing, at least 30 days before the date the change is contemplated. If he changes its location without approval, the certificate is revoked.	
§147.43 Inspection.	(2) FAA INSPECTION.
The Administrator may, at any time, inspect an aviation maintenance technician school to determine its compliance with this part. Such an inspection is normally made once each six months to determine if the school continues to meet the requirements under which it was originally certificated. After such an inspection is made, the school is notified, in writing, of any deficiencies found during the inspection. Other informal inspections may be made from time to time.	A certificated aviation maintenance technician school shall allow the Administrator such access as the Administrator determines necessary to inspect the 1 or more locations of the school for purposes of determining the school's compliance with the interim final regulations required under subsection (a)(1), the procedures and information outlined in the school's operations specifications according to subsection (c)(5), and the aviation maintenance technician school certificate issued for the school.
§147.45 Advertising.	
(a) A certificated aviation maintenance technician school may not make any statement relating to itself that is false or is designed to mislead any person considering enrollment therein.	
(b) Whenever an aviation maintenance technician school indicates in advertising that it is a certificated school, it shall clearly distinguish between its approved courses and those that are not approved.	
	(4) EARLY TESTING.
	A certificated aviation maintenance technician school may issue authenticated documentation demonstrating a student's satisfactory progress, completion of corresponding portions of the curriculum, and preparedness to take the aviation mechanic written general knowledge test, even if the student has not met the experience requirements of section 65.77 of title 14, Code of Federal Regulations (or any successor regulation). Any such documentation shall specify the curriculum the student completed and the completion date.