



The New Part 147 Minimum Passage Rate



Upcoming Weekly Webinars

[July 15: Mechanic Testing Under the New ACS](#)

TBD: Getting Creative: Creating Content to Address New ACS Elements

Previous Recordings:

[The New Part 147: An Overview](#)

[The Next 120 Days: A Checklist](#)

[Aligning Curriculum to the ACS: New 147.17 Training Requirements](#)

[Opportunity Awaits: New 147.15 Training Provided at Another Location](#)

[Accreditor Deference: New 147.23 Quality Control Systems](#)

[A Quality Check: New 147.25 Minimum Passage Rate](#)



Reading Assignment

[Interim Final Rule \(effective 09.21.22\)](#)

[Advisory Circular 147-3C](#) (submit comments/feedback to ATEC)

[Mechanic Airman Certification Standards](#)

[Mechanic Airman Certification Standards Companion Guide](#)

[Notice N8900.616 \(Inspector Guidance\)](#)



Resources

- www.atec-amt.org/the-new-part-147
- [Gap Analysis \(Rev. 3\)](#) ([record of revisions](#)) ([samples](#))
- [Operations specifications request letter template](#) (free for members, use the member password as the coupon code)
- [FASSTeam Briefing](#)
- Quality System Manual for non-accredited programs (email Crystal)



Upcoming Events

- Oshkosh Outreach Meeting, July 27, 2022, register at www.atec-amt.org/outreach-meetings
- Washington Fly-in, Sept. 20-23, 2022, register at www.atec-amt.org/fly-in
- Annual Conference in Chicago, March 26-29, 2023



§ 147.17 Training requirements

(a) Each certificated aviation maintenance technician school must:

* * *

(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.



§ 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.



§ 147.25 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.

* * *



§ 147.25 Minimum passage rate

* * *

(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.



§ 147.31 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.



Advisory Circular 147-3C Paragraph 3.4

- Quarterly reports will be publicly available on faa.gov
- Students that fail a test within the 60-day window after graduation, and then retest and pass that same test within the same 60-day window, are counted as passing for purposes of the pass rate
- Compliance will be evaluated after there is 3 years of data collected



What is “Graduation”?

- For purposes of 147.21 and 147.25, “graduation” means the date the student completes the airframe and/or powerplant program, as set forth on the applicant’s Form 8610-2 *and* the certificate of completion
- There can be two separate “graduations” if the program issues two separate certificate of completions, one for airframe and one for powerplant
- Separately, early testing requires an “authenticated document,” which could take various forms, but whatever date is on that “authenticated document” for purposes of early testing, is not considered a “graduation date,” for purposes of 147.21 and 147.25.



TYPE OR PRINT ALL ENTRIES IN DARK INK

Airman Certificate and/or Rating Application – Mechanic and Parachute Rigger
(14 CFR Part 65)

ORIGINAL ISSUANCE MECHANIC PARACHUTE RIGGER
 ADDED RATING Airframe SENIOR Seat Chest
 OTHER _____ Powerplant MASTER Back Lap

I. APPLICANT INFORMATION

A. Name (Last, First, Middle) _____ B. Date of Birth (MM/DD/YYYY) _____ C. Place of Birth (City and State) or (City and Country) _____

D. Height (inches) _____ E. Weight (Pounds) _____ F. Hair Color (Print out) _____ G. Eye Color _____ H. Sex _____ I. Grade _____ J. Nationality _____

K. Do you now hold or have you ever held an FAA airman certificate? No Yes (Specify type and number) _____

L. Have you ever had an FAA airman certificate suspended or revoked? No Yes

M. Do you read, write, speak, and understand the English language? No Yes

N. Have you ever been convicted of a violation of any Federal or State statute involving narcotic drugs, marijuana, depressant or stimulant drug substances? Refer to § 65.12 and § 91.19(a) No Yes (Specify statute and date) _____

II. APPLICATION BASIS Complete Section A, B, C, or D.

A. MECHANIC - CIVIL EXPERIENCE B. MECHANIC - MILITARY EXPERIENCE C. MECHANIC - GRADUATE OF AN APPROVED COURSE D. § 65.80 - Special authorization to take Mechanic's Oral/Practical test.

B1. N. Airframe B2. M. Add _____ B3. Powerplant B4. JSAMTCC Curriculum Completed: Airframe Powerplant Airframe & Powerplant B5. Completion Date (MM/DD/YYYY) _____ B6. JSAMTCC Certificate Control No. _____

C1. Select Basis: AMTS GRADUATE AMTS § 65.80 APPLICANT

C2. AMTS Certificate Number _____ C3. AMTS Name _____ C4. AMTS Location (City, State) _____

C5. AMTS Curriculum Graduated: (or Curriculum enrolled if § 65.80) Airframe Powerplant Airframe & Powerplant C6. Graduation Date (MM/DD/YYYY) (Proposed date if § 65.80) _____

C7. The AMTS affirms that this student has made satisfactory progress and is recommended to take the Oral/Practical test under 14 CFR part 65.80. C8. School Officials Signature (For § 65.80 authorization only) (Print Name and Sign) _____ C9. Date (MM/DD/YYYY) _____

D1. Date Authorized (MM/DD/YYYY) _____ D2. Date Auth. Expires (MM/DD/YYYY) _____ D3. FAA Signature (Print Name and Sign) _____ D4. FAA Office/Desig. No. _____

E. PARACHUTE RIGGER E1. Number of Parachutes Packed: Seat _____ Chest _____ Back _____ Lap _____ E2. Packed as a: (For Master Parachute Rigger Only) Military Parachute Rigger Senior Parachute Rigger

III. RECORD OF EXPERIENCE Continue additional information on a separate sheet if necessary. Mark this box if separate sheet attached for additional experience.

1. DATE FROM (MM/YYYY)	2. DATE TO (MM/YYYY)	3. EMPLOYER AND LOCATION (Employer Name, City, State)	4. TYPE OF WORK PERFORMED (Describe work performed, not job title)

IV. APPLICANT'S CERTIFICATION This area is completed by the applicant at the time application is made.

I certify that all statements and answers provided by me on this application form are complete and true to the best of my knowledge and I agree that they are to be considered as part of the basis for issuance of any FAA certificate to me. I have received the Pilot's Bill of Rights Written Notification of Investigation that accompanies this form. I have also read and understand the Privacy Act statement that accompanies this form.

Applicant's Signature _____ Date (MM/DD/YYYY) _____

V. FAA ENDORSEMENT: I find this applicant meets the experience requirements of 14 CFR part 65 and is eligible to take the required tests.

FAA Signature (Print Name and Sign) _____ Date (MM/DD/YYYY) _____ FAA Office/Designation No. _____

New Form: Not Yet Published

What's Not Included In Passage Rate Calculation

- Early testing will not be included in the passage rate calculation, since it won't happen “within 60 days after” graduation. This includes—
 - Early general written testing under 147.31, and
 - Early oral and practical testing under 65.80
- Any tests taken more than 60 days after the date on the applicant's certificate of completion.
- Test data more than three years old



But Remember...

§ 147.17 Training requirements

(a) Each certificated aviation maintenance technician school must:

* * *

(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.



Table 1 — Hypothetical To Determine School's Pass Rate in Accordance With §147.25

	Written test*	Oral test	Practical test
Student 1	Failed first attempt. Passed second attempt	Passed first attempt	Passed first attempt.
Student 2	Passed first attempt	Failed first and only attempt	Failed first and only attempt.
Student 3	Passed first attempt	Passed first attempt	Passed first attempt.
Student 4	Failed first attempt. Passed second attempt	Failed first and only attempt	Failed first and only attempt.
Student 5	Passed first attempt	Passed first attempt	Passed first attempt.
Student 6	Passed first attempt	Passed first attempt	Passed first attempt.
Student 7	Passed first attempt	Passed first attempt	Passed first attempt.
Student 8	Passed first attempt	Passed first attempt	N/A.**
Student 9	Passed first attempt	N/A.**	N/A.**
Student 10	Failed first attempt. Failed second attempt	N/A.**	N/A.**

Table 2—Written Tests

If the written test applicant is an AMTS student with an appropriate document,	Evidencing completion of the following curriculum:	Then the applicant is eligible to attempt the following FAA written test(s):
Airframe	<i>general, airframe.</i>	
Powerplant	<i>general, powerplant.</i>	
Airframe, Powerplant	<i>general, airframe, powerplant.</i>	
General curriculum content	<i>general.</i>	

Table 3—Oral and Practical Tests

The mechanic oral and practical test will consist of the following elements:	If the rating(s) being requested is(are):	An original mechanic certificate and rating is being requested:	An added rating to an existing mechanic certificate is requested:
Airframe	Oral— <i>general, airframe</i> Practical— <i>general, airframe</i>	Oral— <i>airframe.</i> Practical— <i>airframe.</i>	
Powerplant	Oral— <i>general, powerplant</i> Practical— <i>general, powerplant</i>	Oral— <i>powerplant.</i> Practical— <i>powerplant.</i>	
Airframe, Powerplant	Oral— <i>general, airframe, powerplant</i> Practical— <i>general, airframe, powerplant</i>	N/A.	

Final Thoughts

- The AMTS may want to distinguish authenticated documentation for purposes of early testing (§§ 147.31 and 65.80) and certificates of completion for airframe and/or powerplant (§ 147.21).
- “Graduation” as it’s used in § 147.21 does not necessarily mean when the student completes all studies for a degree/program.





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