



The New Part 147

Aligning Curriculum to the ACS



Upcoming Weekly Webinars

[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](#)

Previous Recordings:

[May 27, 2022: The New Part 147, An Overview](#)

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

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



Reading Assignment

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

[Advisory Circular 147-3C](#)

[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](#) and previous versions)
- Previously-recorded webinars and conference sessions
- [Operations specifications request letter template](#) (free for members, use the member password as the coupon code)



FAA Inspector Training

- Online eLMS courses
 - [FAA27100350](#), Part 147 Interim Final Rule Overview/Implementation Briefing. “Differences” briefing to highlight changes in the current and new regs.
 - FAA27100162, Intro to Part 147 Aviation Maintenance Technician Schools. Has not been updated but is a prerequisite for -350. Goal is to it revised by 9/21/22.
- Instructor-led course (online, in-person, and/or hybrid)
 - FAA21000113, Aviation Maintenance Technician Schools. Currently being revised, release date TBA.



§ 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 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...



ACS Effective Dates

- The “new” FAA-S-8081-26B (PTS) was created to combine the current PTS into one document and will still be the testing standard through July 31, 2023.
- For purposes of training, part 147 schools are required to align curriculum to the ACS effective Sept. 21, 2022 (i.e., the part 147 effective date).

To review:

- Both standards will be effective for different purposes (PTS for testing, ACS for curriculum) through July 31, 2023.
- The FAA will officially adopt the ACS as both the testing and the curriculum standard on July 31, 2023, at which time the PTS will phase out.

You’ll find the rationale for this “transition plan” on page 35 and 36 of the [interim final rule](#), which states: “...the FAA will use the Mechanic PTS as the testing standard until July 31, 2023. After July 31, 2023, the FAA will use the Mechanic ACS to conduct mechanic tests.”



Compliance with § 147.17: Action List

- Do your gap analysis, fill in the gaps with curriculum “adjustments” so that every element of the ACS is covered.
- Use the worksheet as evidence of compliance in your letter requesting new OpSpecs.
- FAA should have access to the curriculum not for approval purposes, but for purposes of demonstrating alignment.
- Keep up with the ACS, when it is revised the program will be required to revise its curriculum in line with the standard.



Compliance with § 147.17: Other Considerations

- Until July 31, your students may still be tested on items in the PTS that are not in the ACS, so while not required, the recommendation is to not drop any content until next summer.
- We expect handbook revisions to come out before July 31, 2022, so that you can adjust the breadth and scope of your curriculum.



Cape Cod Community College: Gaps Identified

GENERAL

Human Factors

- File a Malfunction or Defect Report
- Brief a Shift Turnover for Continuity of Work
- Locate Information regarding human factors errors

Regulations, Maintenance Forms, Records, & Publications

- Several areas that required a deeper dive into the knowledge

Ground Operations & Servicing

- O2 System Servicing

AIRFRAME

Rotorcraft

Water and Waste Systems

Lavatory Servicing

Potable Water Servicing

Airframe Environmental Systems

POWERPLANT

Turbocharger Maintenance



Lansing Community College: Gaps Identified

- Cleaning and Corrosion Control
- Water and Waste Systems
- Rotorcraft
- Ice and Rain Control Systems
- Airframe Fire Protection
- Airframe Environmental Systems
- Reciprocating Engine Induction and Cooling Systems





P.O. Box 234
Jenks, OK 74037

703.548.2030

ATEC-AMT.ORG