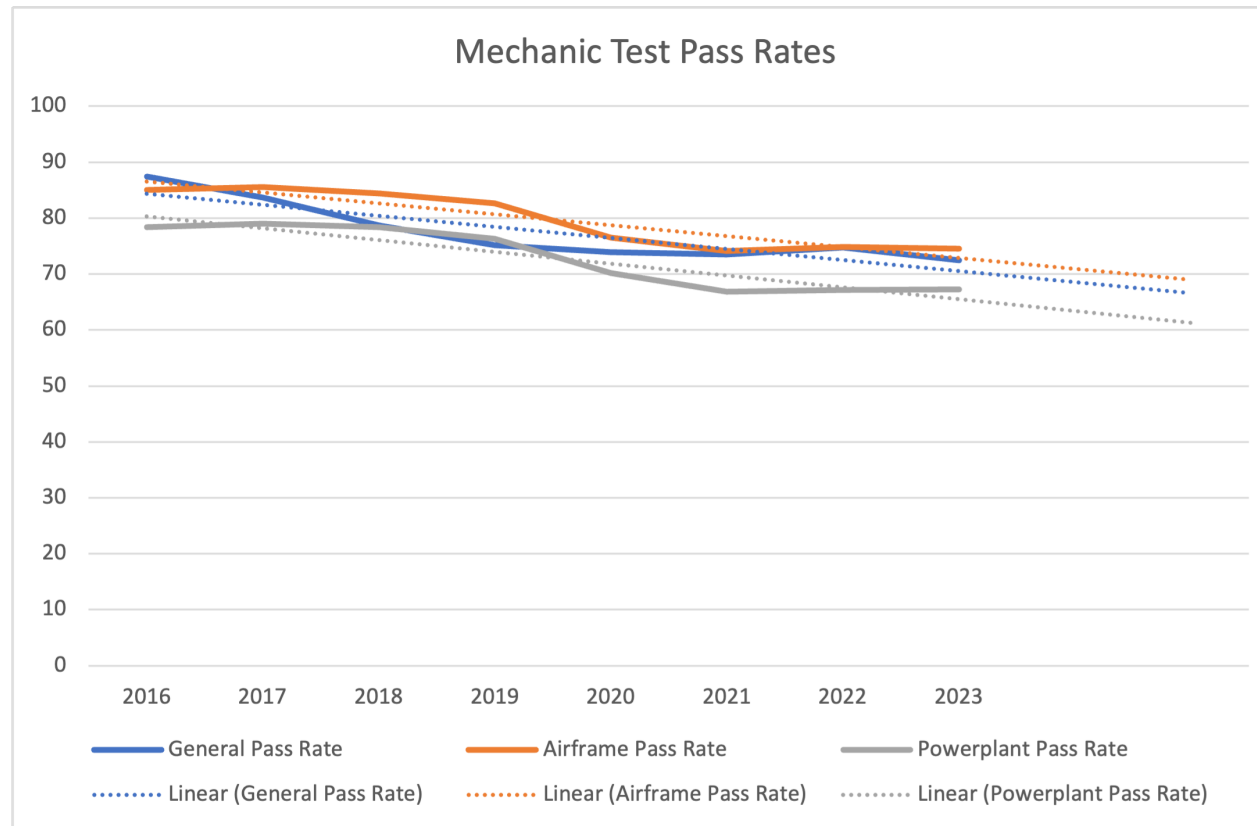


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**Correlating Testing and Training:
The Pursuit of a Common Goal**

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“Call to Action” Subgroup

- Subgroup of the ACS working group
- Submitted a report with the following recommendation:

Establish a means for ongoing data evaluation based on the ACS codes, airman knowledge test reports, and practical exam reports for the purpose of ongoing improvement and collaboration between training and testing and to support emerging technologies.

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Data Analysis Subgroup Tasking

- Develop and implement plan, processes, and necessary internal and external agreements to share data and perform analyses.
- Identify gaps, and recommend improvements to standards, references, and testing.
- Share outcomes with community partners to support training improvement opportunities.

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Data Analysis Subgroup Milestones

1. Establish agreement for data sharing and analysis—complete
2. Develop plan for regular reporting of correlation between ACS codes and testing—complete
3. Formulate plan to address identified gaps and make improvements to standards and testing.

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Milestone 3: Create plan to address gaps and make system improvements

- Continually monitor knowledge test questions to ensure that all applicable ACS codes have associated test questions and that any psychometric gaps in testing are addressed.
- Target ACS codes with knowledge test performance below 70% for training enhancement.

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Milestone 3 Status

- Report of knowledge tests with associated ACS codes and ACS codes missed more than 70% of the time for those tests.
- Target date for having the report posted to the FAA's Airman Testing Website is 3/31/24.

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Regulatory Requirements

- § 147.25 Minimum passage rate: Requires AMTS to maintain a 70 percent passage rate for students that take an FAA mechanic test within 60 days after graduation for the most recent three-year period.
- § 147.17 Training requirements: Requires AMTS to ensure students have the knowledge and skills necessary to be prepared to test for a mechanic certificate.

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Regulatory Reports

- 147.25 Minimum Passage Rate Report – single report showing passage rate (as defined by the regulation) of each AMTS, very narrow
- 147.17 reports – wide ranging reports, more broad. ATEC recommendations:
 - Performance by ACS element and broader subject area across the written, oral, and practical tests, provided in the aggregate and filtered by:
 - Air agency certificate holder (so that training organizations can access and make improvements to their own training programs), and
 - Candidate type (i.e., applicant eligible based on experience or training).
 - Sample questions showcasing how the FAA is testing the ACS code.
 - The number of questions posed for each ACS element on specific test maps keyed to the ACS codes.