

AFS-800

General Aviation and Commercial Division, AFS-800 Updates

Presented to: ATEC Conference

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810

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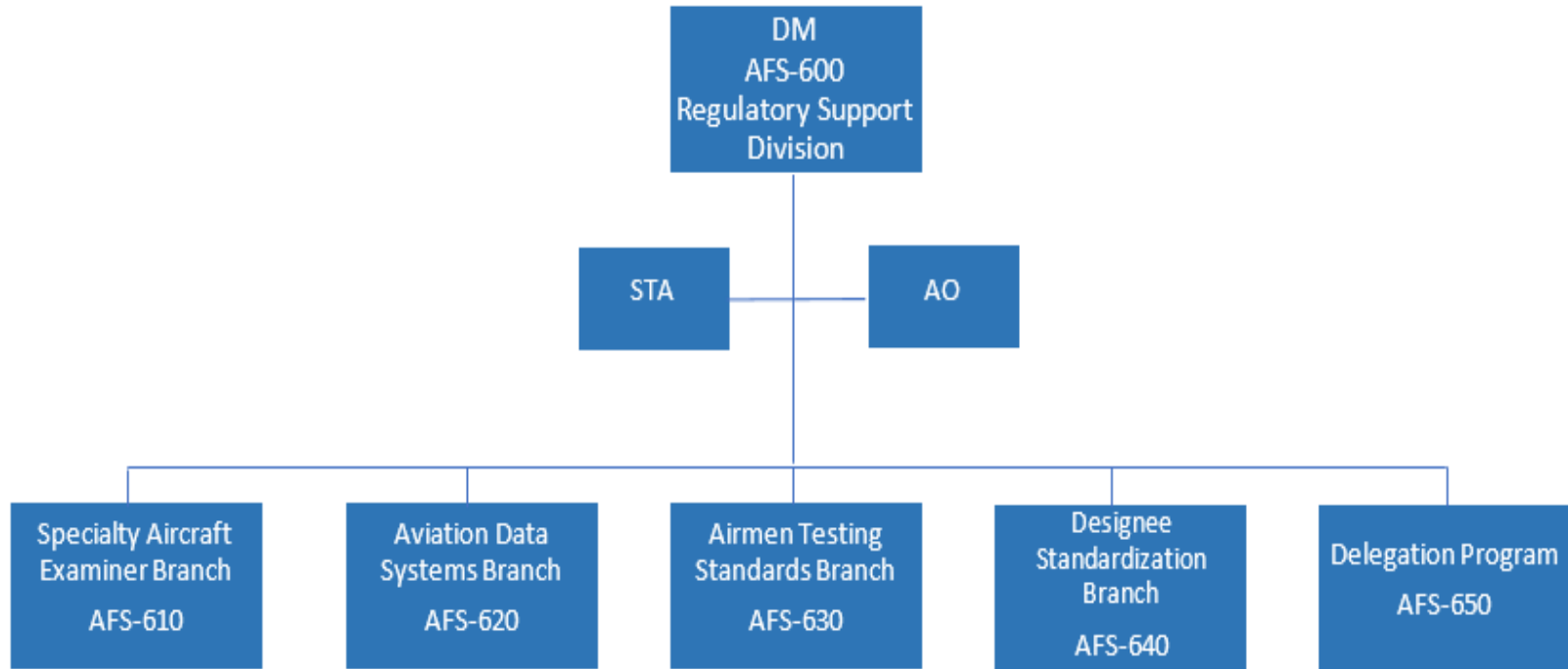
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Agenda Items

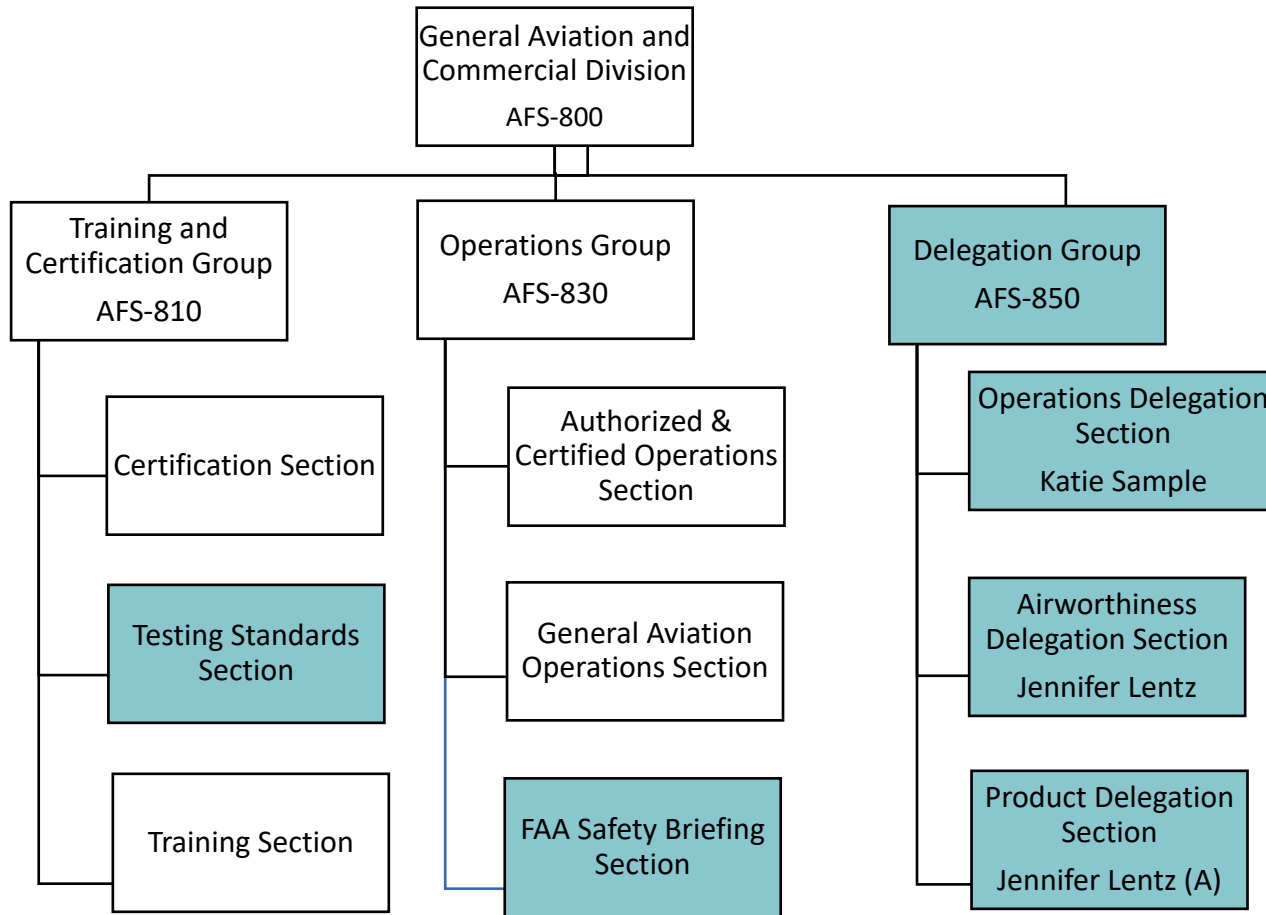
- **Introduction**
- **Organization Structure changes**
- **Group Responsibilities**
- **Program/Policy Updates**
- **DME Numbers**
- **Testing Updates**



Former Regulatory Support Division



General Aviation and Commercial Division



Delegation Group Responsibilities

- **Flight Standards (FS) Designee Policy**
 - FAA Order 8000.95
 - FAA Order 8100.15 support
- **FS Training**
 - Designee
 - FAA Employee (MS)
- **FS Designee Quality Assurance**
 - Delegation Program Health
 - Oversight
 - Training
 - Projections



Airman Designee Program Updates

- **Delegation Program Health Reports**
 - Discontinued in 2017
 - Revived in Q1 FY22
 - Provided status of training, oversight, other info
 - Continuously improving report
- **Organization Designation Authorization (ODA)**
 - AVS ODA Office transition to policy OPR
 - FAA Order 8100.15 is under revision
 - Public Comment period Spring/Late Spring
 - Airmen Certification



DME Training Updates

- **Initial Training**

- As of 12/31/2023 you are no longer required to complete the Blackboard Part 1 of Instructor Led Initial DME to obtain your designation. Part 1 and Part 2 have been consolidated and are now offered as one course at all Instructor Led Initial DME seminars as of 02/06/2024.



DME Training Updates

- **Recurrent Training**

- You are no longer required to complete the Blackboard Part 1 of Recurrent DME to maintain your designation. The Blackboard Part 1 training has been sunset. The Part 1 information has been updated and incorporated into the Instructor Led Recurrent DME seminars as of 01/09/2024



DME Policy Updates

- **FAA Orders 8900.2 & 8900.1**
 - 8900.2 information is being incorporated into the 8900.1
 - Order 8900.2 will be sunset after this transition
 - AFS-300 is currently working on this
- **FAA Order 8000.95C**
 - Revision in process
 - Adding more clarity to items
 - Will align with the changes resulting from incorporating 8900.2 into 8900.1



By the numbers

Total number of DMEs

FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
260	278	261	258	259	247	256

Total number of Original Certificates Issued

FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
6,710	7,360	5,205	6,929	7,119	9,387

All Certificates

Total Certificates	Original Issuance	Added Rating	Disapproval	Not Tested
14,451	9,387	5,046	3,250	18



By the numbers

Overall Knowledge Testing Data

Type of knowledge Test	CY 2018	CY 2019	CY 2020	CY 2021	CY 2022	CY 2023
Aviation Maintenance Technician General	11,400	12,990	8,581	12,108	13,598	15,815
Aviation Maintenance Technician Airframe	9,471	10,286	7,252	10,016	11,366	12,557
Aviation Maintenance Technician Powerplant	9,511	10,367	7,353	10,248	11,627	12,864
General (Pass Rate)	78.63%	75.16%	73.85%	73.45%	74.75%	72.41%
Airframe (Pass Rate)	84.39%	82.61%	76.54%	74.13%	74.79%	74.50%
Powerplant (Pass Rate)	78.35%	76.32%	70.16%	66.86%	67.11%	67.26%
General (Average Score)	76.40%	75.43%	75.04%	75.19%	75.29%	74.78%
Airframe (Average Score)	79.83%	78.94%	76.36%	75.69%	75.80%	75.67%
Powerplant (Average Score)	76.84%	76.47%	74.58%	73.60%	73.71%	73.81%



PTS To ACS

- Previously, the knowledge test **did not** correspond to defined knowledge test standards, or metrics for the aeronautical knowledge elements
- **FAA and industry identified need to:**
 - Provide clear standards for aeronautical knowledge.
 - List specific behaviors for risk management and aeronautical decision making.
 - Consolidate overlapping tasks in practical testing standards (PTS)
 - Tie the many “special emphasis” items to knowledge and skill.



How the ACS is created

Collaborative Development:

The FAA partners with industry members through the ARAC ACS WG

ARAC ACS WG Submittal:

Standards documents (PTS/ACS) are submitted to the FAA in the form of recommendations from the ARAC ACS Stakeholders.

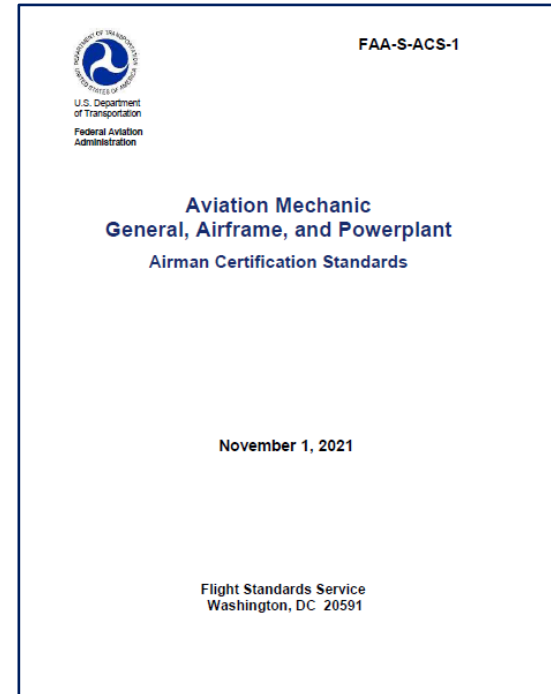
Rulemaking:

All Standards documents are 'Incorporated by Reference (IBR)' through the rule-making process



Key Aspects of the ACS

- Clear baseline of required knowledge for the **“Knowledge Test” (computer-based)** and correlated with the oral test
- More specific coding of missed knowledge test questions and validates basic knowledge of subjects during the oral portion of the test



•Let's work the problem

Purpose + Process + People = Product

Airman Certification System



Changes: Regulations, Policies, Procedures, Feedback

<p>FAA-S-ACS-1 Aviation Mechanic General, Airframe, Powerplant Airman Certification Standards TBD Flight Standards Service Washington, DC 20591</p>	<p>Aviation Maintenance Technician Handbook-General 1418-H-800-303 U.S. Department of Transportation Federal Aviation Administration</p>	<p>•Knowledge exam questions are meaningful, relevant, aligned with standards and guidance. •Oral and practical tests are more focused and more efficient.</p>	<p>Airman Testing Testing Resources & Guides Schools Airman Testing FAA Academy</p> <ul style="list-style-type: none"> Testing Resources <ul style="list-style-type: none"> Reference Handbooks Practical Test Standards Airman Certification Standards Airman Knowledge Test Guides Airman Testing Publications Revision Schedule (PTP) Computer Testing Supplements Knowledge Testing Administrator Requirements Matrix (KTM) Alternate Pilot & Materials (AC-60-TRC) Order 8050.5G, Conduct of Airman Knowledge Tests Find an FAA Examiner Knowledge Testing Reporting & Statistics <p>What's New and Upcoming in Airman Testing</p> <ul style="list-style-type: none"> What's New and Upcoming in Airman Testing (PDF) Airman Certification Standards (PDF) Certificate Holders Authorized to Conduct ATP/CTP (PDF) Unmanned Aircraft General - Small Single Engine and Helicopter (PDF) Remote Pilot - Small Unmanned Aircraft Systems Study Guide (FAA-G-8050-22) (PDF) <p>The Airman Testing Frequently Asked Questions document, formerly referred to as Questions and Answers, has been extensively revised.</p>
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•ACS codes enable continuous alignment
Standards

•Combined certification standards for knowledge, risk management, and skill

Guidance

•Rules, H-series handbooks, Advisory Circulars, other FAA information sources

Testing

•Knowledge exam, oral and practical tests for issuance of certificate or rating

Change Management

•Awareness, Desire, Knowledge, Ability, Reinforcement via disciplined change management plan with associated communications strategy

Alignment as appropriate with other Certificates / Ratings



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Change Management – Stay Informed

https://www.faa.gov/training_testing/testing

Airman Testing Community Advisory (ATCA)

Subscribe to Airman Testing page for notifications of new documents and editions.



February 28, 2023 edition

The Airman Testing Community Advisory is a monthly publication produced by the Airman Testing Standards Branch, the FAA office responsible for practical test and airman certification standards, airman testing and supporting reference material. The intent of this monthly advisory is to support change management efforts towards ensuring training and testing remain correlated for an effective certification process.

General News

Stakeholder Communications

The Airman Testing Standards Branch has established a documented process for receiving, processing, and tracking stakeholder inquiries and feedback, received via afs630comments@faa.gov. This process includes weekly and monthly status reporting of all emails received, along with statistical analyses of stakeholder groups involved, topics covered, and responses provided.

Our goal is, and will remain, to provide timely communications, and a 100% response rate to all stakeholder emails received.

Stakeholders, from across all FAA lines of business, and from across all groups of the aviation community, are encouraged to submit inquiries and feedback, on any of our products and services to afs630comments@faa.gov.

New and Revised Test Question Activation Dates

- April 24, 2023
- July 31, 2023
- October 30, 2023

FAA Airman Knowledge Tests

The FAA's testing vendor, PSI Services LLC, has been working collaboratively with the FAA and the aviation industry to scientifically assess the FAA Airman Knowledge Tests. The assessments of the Private Pilot Airplane (PAR) and Commercial Pilot Airplane (CAX) Knowledge Tests have been completed with the results of those assessments being implemented on April 24, 2023. The PAR and CAX test topics and subject matter did not change as a result of the assessment process. However, there have been changes made to existing test questions on the PAR and CAX tests to assure they are aligned with the ACSs and reference an existing FAA handbook. The assessments of the PAR and CAX did result in the following changes that applicants can expect to see starting on April 24, 2023.



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Questions



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