AFS-800

General Aviation and Commercial Division, AFS-800 Updates

Presented to: ATEC Conference

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and

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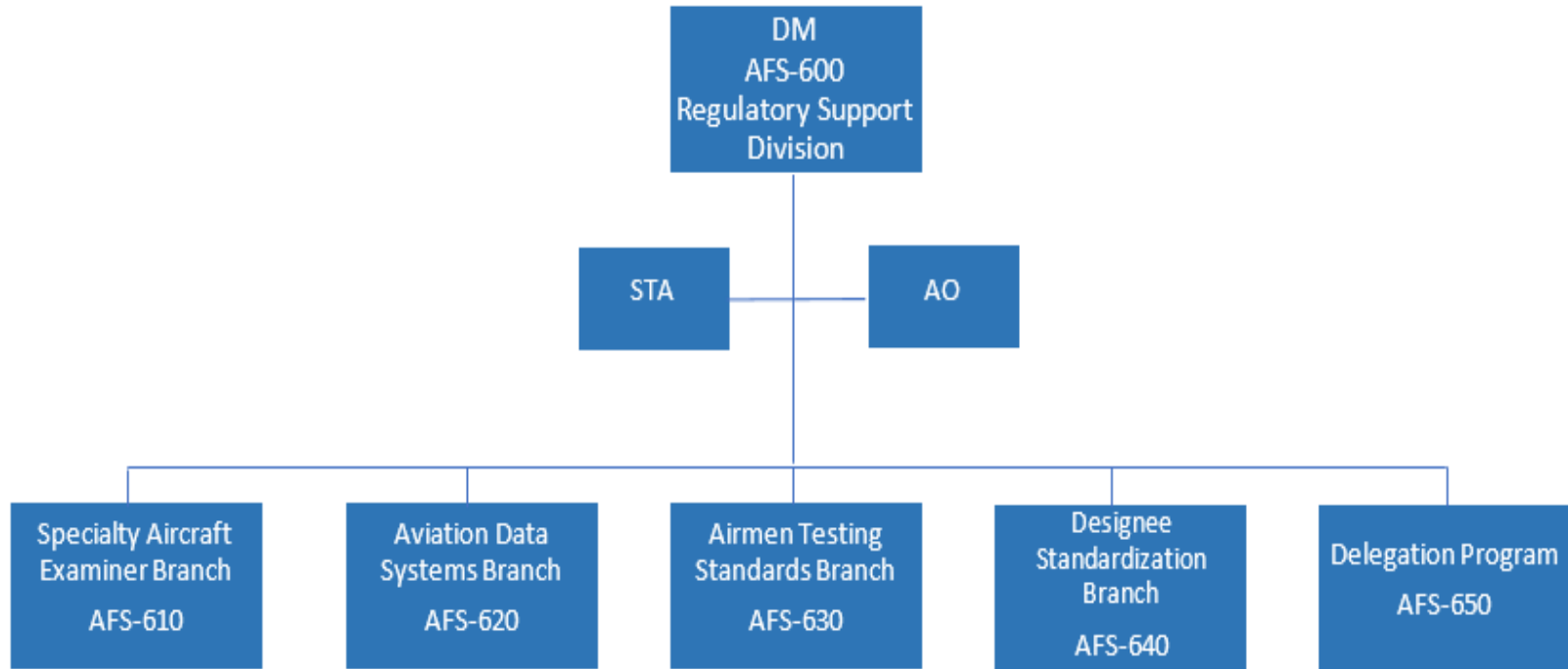
Date: 3/16-20/2024

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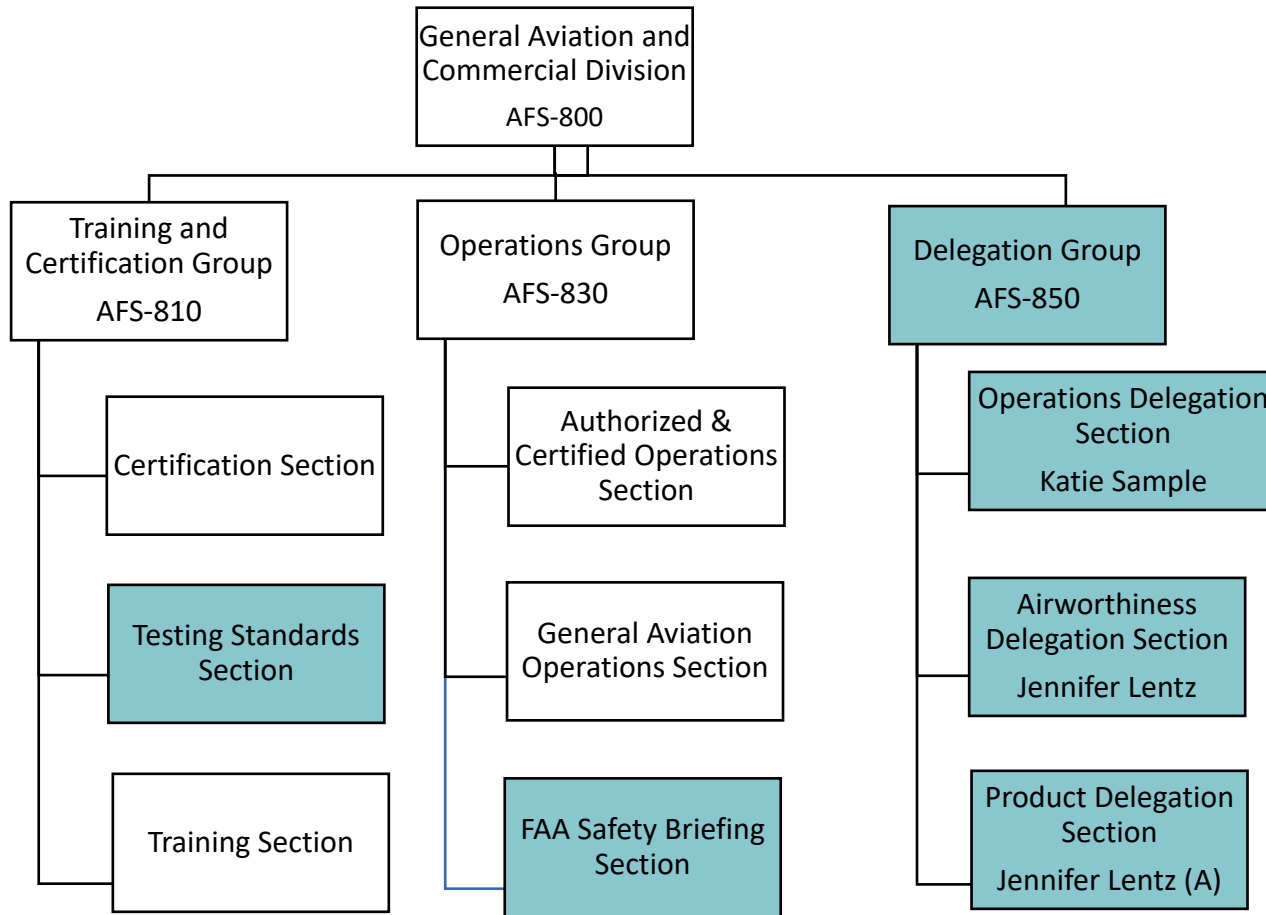**Federal Aviation Administration**

Agenda Items

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

Former Regulatory Support Division

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General Aviation and Commercial Division

General Aviation and Commercial Division
AFS-800

Training and Certification Group — AFS-810
- Certification Section
- Testing Standards Section
- Training Section

Operations Group — AFS-830
- Authorized & Certified Operations Section
- General Aviation Operations Section
- FAA Safety Briefing Section

Delegation Group — AFS-850
- Operations Delegation Section — Katie Sample
- Airworthiness Delegation Section — Jennifer Lentz
- Product Delegation Section — Jennifer Lentz (A)

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

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Airman Designee Program Updates

- **Delegation Program Health Reports**
  - Discontinued in 2017
  - Revived in Q1 FY22
  - Provided status of training, oversight, other info
  - <u>Continuously improving report</u>

- **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%

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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

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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

FAA-S-ACS-1

U.S. Department of Transportation

Federal Aviation Administration

Aviation Mechanic General, Airframe, and Powerplant

Airman Certification Standards

November 1, 2021

Flight Standards Service
Washington, DC 20591
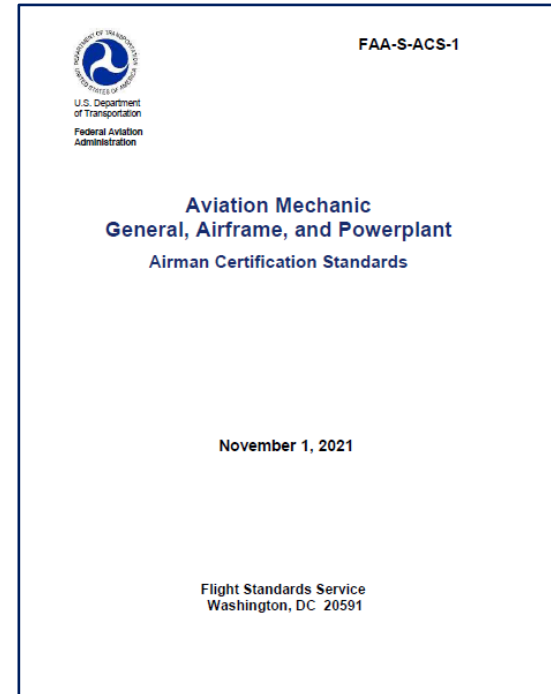
•Let's work the problem
Purpose + Process + People = Product

Airman Certification System

Changes: Regulations, Policies, Procedures, Feedback

•*Knowledge exam questions are meaningful, relevant, aligned with standards and guidance.*

•*Oral and practical tests are more focused and more efficient.*

•*A C S   c o d e s   e n a b l e   c o n t i n u o u s   a l i g n m e n t*

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

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.

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Questions