Evolution of Federal Oversight

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Evolution of Federal Oversight 1918 to Present Day

- 1918 US Air Mail Service
- 1925 Kelly Air Mail Act – establishment of the Aeronautics Branch
- 1935 Bureau of Air Commerce (BAC)
- 1938 Civil Aeronautics Authority (CAA)
- 1939 Renamed to the Civil Aeronautics Board (CAB)
- 1959 Federal Aviation Agency (FAA)
- 1966 National Transportation Safety Board (NTSB)
- 1966 Federal Aviation Administration (Renamed from the Federal Aviation Agency)
What is FAA Oversight Today?

1. Initial Certificate Issuance
   • Verification of Design
   • Validation of Performance

2. Ongoing Surveillance
   • National Program Guidelines (NPG)
     - All certificate types other than 121
     - Performance based
   • Air Transportation Oversight System (ATOS)
     - Only Part 121 Air Carriers
     - Design and Performance based

3. Changes to Initial Certificate
   • Verification of Design
   • Validation of Performance
What is Safety Assurance System (SAS)?

Next Evolution of FAA Oversight
• Replaces existing oversight systems
  • Initial certificate issuance
  • Ongoing Surveillance
  • Changes to initial certificate

SAS Concepts and Philosophies
• System Safety
  • Safety Attributes
• Safety Management Systems
  • Four Pillars or Components
  • Risk Based Data Supported

Deployed in Two Phases
• Phase 1 May 2014 thru August 2015
  • All part 121, 135 and 145
• Phase 2 FY 2018
  • All remaining certificates
SAS New Tools for Inspectors and Certificate Holders

- **Design Data Collection Tool**
  - Verification questions that ensure all design requirement exist

- **Performance Data Collection Tool**
  - Performance questions that validate all design requirements are followed

- **Surveillance Data Collection Tool**
  - High level performance questions
SAS Oversight Model

Legend:

= FAA
= Certificate Holder
Questions?