

"... [SASO] will bring everything together. It will save money and makes us proactive, not reactive."

- FAA, AFS Inspector

- ▶ Reduce emphasis on administrative requirements, allowing for greater focus on safety oversight
- ▶ Consolidate support applications and databases
- ▶ Increase information sharing with carriers regarding safety and oversight, common tools will be used by Industry and FAA
- ▶ Skills required to support the new environment will be identified and supported; training will be timely and valuable

How is SASO Different?

- ▶ SASO is shaped by lessons learned from past large-scale initiatives
- ▶ SASO integrates with other AVS programs and initiatives
- ▶ SASO has been developed in partnership with the field and industry
- ▶ SASO is using pilot projects to assess, validate, and adjust before launching full scale implementation

SASO Contact Information

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Get involved and forward your
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Visit SASO's updated website for detailed program overviews,
current activities, and reference materials at:

http://www.faa.gov/safety/programs_initiatives/oversight/saso/



Federal Aviation
Administration

SASO

System Approach for Safety Oversight



PROGRAM OVERVIEW

SASO Program, AFS-30

Inside this brochure:

- What is SASO?
- SASO & SMS
- Accomplishments
- Current Activities
- Planning & Timeline

What is SASO?

The System Approach for Safety Oversight (SASO) Program is a comprehensive system safety approach to the regulation and oversight of all US aviation certificate holders. SASO's focus is on transforming the Flight Standards Service (AFS) and the aviation industry to a national standard of system safety.

The Goal of SASO

Embed system safety principles in oversight activities across all CFR parts and develop the technologies to support the processes.

Why is SASO Needed?

Today, AFS finds itself facing the dual challenges of increasing air traffic and declining budgets. The FAA budget will not increase at the same rate of U.S. airline passenger traffic from 2005-2016. In order to reduce accidents while effectively managing resources, AFS must change the way it does business to achieve its goals. Oversight processes must evolve to reflect the rapidly changing aviation environment.

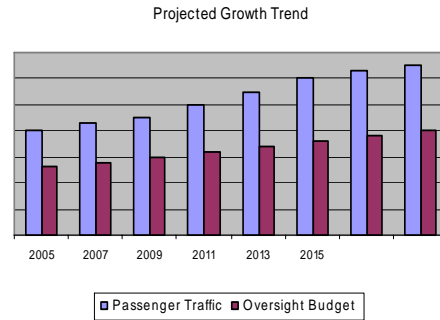
Who Manages SASO?

SASO is managed by the SASO Program Office (AFS-30) within the FAA's Flight Standards Service (AFS).

SASO & Safety Management Systems (SMS)

One of SASO's primary objectives is to reengineer the FAA's safety and regulatory oversight processes, generally incorporating modern system safety-based techniques. One aspect of these modern system safety-based techniques is the use of Safety Management Systems (SMS), both by aviation certificate holders (operators) and the FAA. In light of this, one element of the SASO program is to reengineer AFS oversight processes to leverage the use of increasingly sophisticated SMSs by aviation certificate holders.

While AVS is implementing a single SMS; the SASO program is responsible for implementing the AFS-specific elements of the AVSSMS. SASO will also provide Business Process Reengineering and Change Management & Implementation support to the rest of AVS.



What has SASO accomplished?

- ▶ Successfully launched initial pilot projects for CFR Parts 121, 135, and 145
- ▶ Collected "As-Is" data from the field and developed first process model depicting key roles, workflow, policies and procedures, and tools associated with Part 145 certification and surveillance activities
- ▶ Transitioned all CMTs into ATOS (1.1 or 1.2); and included ATOS as a vital piece of the enterprise roadmap for streamlining AFS systems and processes

Key SASO Initiatives

- ▶ AFS Manager's Conference Planning & Support
- ▶ LogBook Requirements Validation & Funding
- ▶ SASO Subject Matter Expert (SME) support for:
 - AFS Safety Assurance Systems Requirements
 - AVS SMS Workgroup & Pilot Projects
 - AVS Business Process Re-engineering

The SASO Outreach Team is comprised of over 35 FAA employees who work in various disciplines within AFS. In 2007, the Outreach Team conducted 112 office briefings throughout all eight regions. In 2008, the Outreach Team will take a more targeted approach to communications, while continuing to:

SASO Outreach

- ▶ Disseminate timely information on SASO to the field
- ▶ Enhance communication tools based on each CFR part
- ▶ Conduct SASO briefings and focus groups as needed
- ▶ Respond to all questions and concerns raised in the field
- ▶ Assist employees and field sites requesting more information on SASO
- ▶ Provide SME support for the validation of AFS documents
- ▶ Create positive employee attitudes toward system safety

SASO Timeline

- ▶ **Phase I: Planning & Engineering**
Will test SASO with three pilot projects (CFR Parts 121, 135, & 145)
- ▶ **Phase II: Implementation**
All CFR Parts are expected to be working under a common system of safety, AFS SAS
- ▶ **Phase III: In-Service Management**
Continued operation, maintenance, and improvement of AFS system safety