

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

- CFR Part 135 Inspector

- ▶ Reduce emphasis on administrative requirements, allowing for greater focus on safety oversight
- ▶ Consolidation of 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



PILOT PROJECT 135

Air Operator Certification

Inside this brochure:

- What is SASO?
- SASO & CFR Part 135
- Accomplishments
- Pilot Project Activities
- Planning & Timeline

What is SASO?

The System Approach for Safety Oversight (SASO) Program is an AVS initiative to transform 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?

As we enter the 21st century, 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.

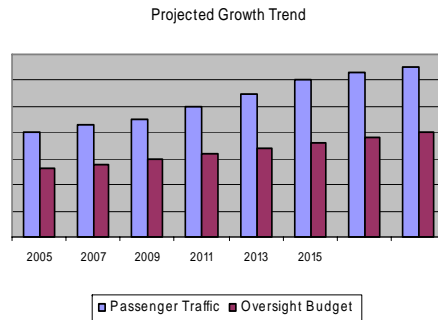
Who Manages SASO?

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

SASO & CFR Part 135 Pilot Project

In January 2005, three SASO Pilot Projects were requested by the FAA Chief Financial Officer, during the SASO Phase I JRC 2(b) Review, to provide interim milestones throughout SASO Phase I that could be used to evaluate progress and demonstrate early successes in the development of a national standard of system safety.

The third pilot project, the SASO CFR Part 135 Pilot Project, was initiated in April 2007 to design, develop, and demonstrate a standard system safety based oversight system for all CFR Part 135 air operators based on the ATOS model. Leveraging lessons learned from the CFR Part 121 and 145 Pilot Projects, the part 135 Pilot Project will focus on developing an effective oversight system for part 135 air operators that aligns with SASO principles.



What has SASO accomplished within the CFR Part 135 Pilot Project?

- ▶ Launched CFR Part 135 Pilot Project kick-off on August 28, 2007
- ▶ Analyzed input from FAA SMEs for pilot project planning activities
- ▶ Began first cycle of eight scheduled field visits to FSDOs and Certificate Holders to collect "As-Is" data
- ▶ Initiated first series of focus groups with stakeholders to assess communication and change needs

Key Pilot Project Activities

- ▶ Collecting "As-Is" data on surveillance, certification, investigation, and inspections from the field
- ▶ Reviewing best practices to oversee safety management
- ▶ Performing Stakeholder Assessments to establish readiness for change and identify preferred communications practices
- ▶ Designing the end system while working with AVS and FAA to integrate systems

Pilot Project Objectives

- ▶ Provide appropriate tools to support safety oversight processes
- ▶ Promote greater efficiency and effectiveness for Part 135 certificate holder oversight
- ▶ Identify key barriers to change and develop strategies for mitigating these barriers to ensure a successful transition
- ▶ Effectively communicate, train, and implement changes within the oversight system

Pilot Project Timeline

- ▶ **Phase I: Planning & Engineering**
 - Develop CFR Part 135 Pilot Project Plan
 - Develop and Validate CFR Part 135 Requirements
 - Conduct "As-Is" and Gap Analysis
 - Prepare "To-Be" Requirements
- ▶ **Phase II: Implementation**
 - CFR Part 135 Software Requirements & Design
 - CFR Part 135 Software Development & Testing
 - CFR Part 135 Training Development & Transition
- ▶ **Phase III: In-Service Management**
 - Continued operation, maintenance, and improvement of AFS system safety