



Trends in Aviation Safety

Challenges for 2011 and Beyond

Presented to: Air Charter Safety Symposium

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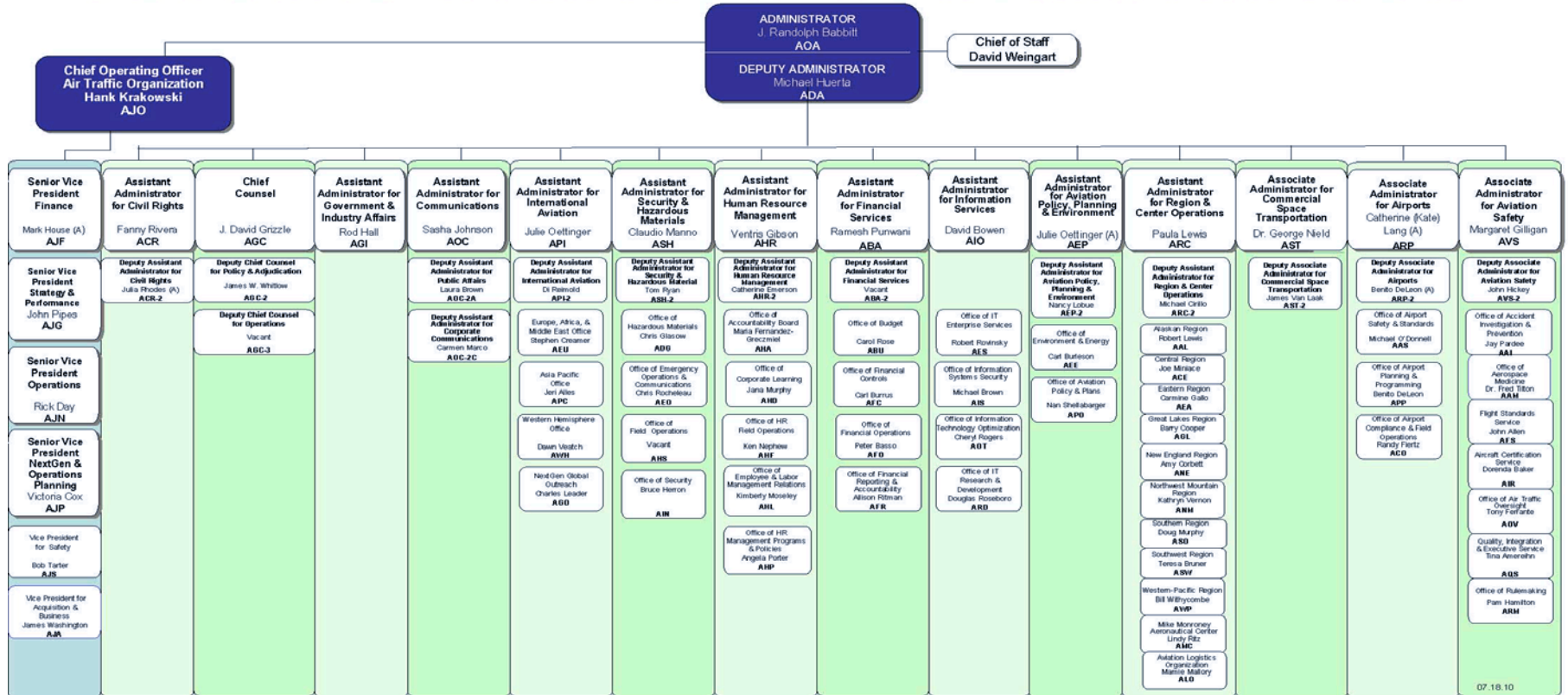


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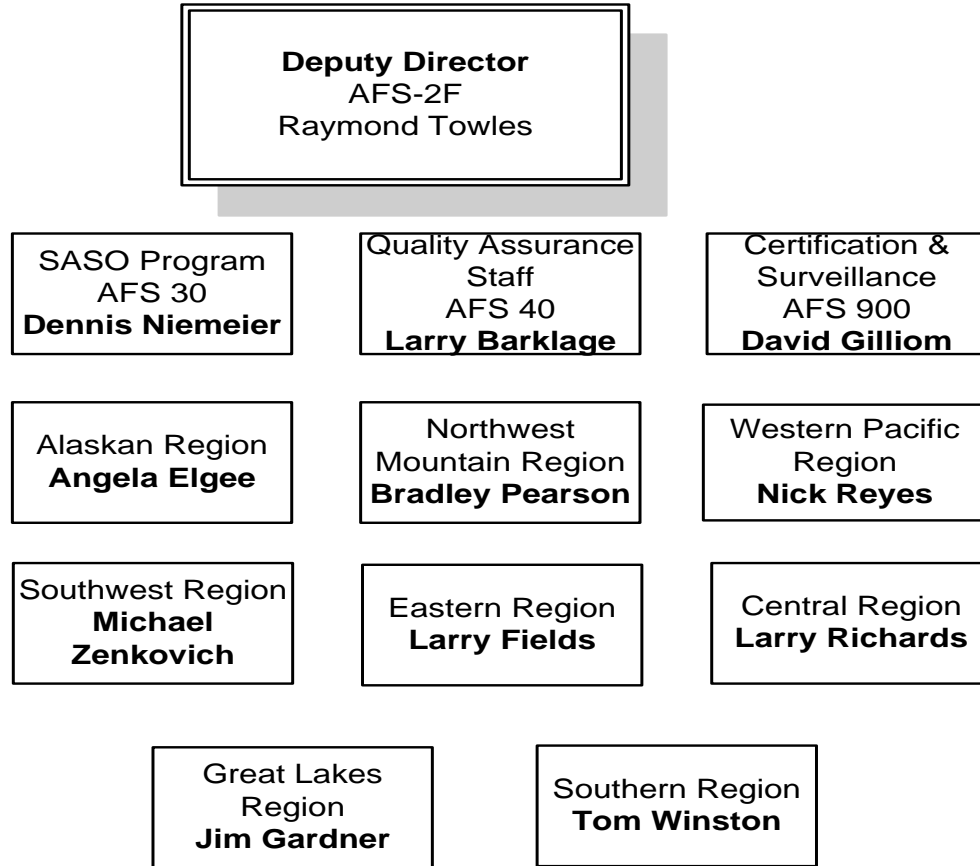


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Our Mission

- AVS has three main functions:
 - We set **standards** for training and certification of airmen and aircraft.
 - We **certify** airmen and aircraft on the basis of those standards.
 - We ensure their **continued operational safety** through oversight and surveillance.





Challenging Times

- Budget is the obvious focus right now:
 - We know there will be cuts.
 - We know they are likely to be substantial.
 - We know they will require us to refocus priorities and resources.
- These fiscal realities will affect the FAA's ability to meet the challenges of designing, manufacturing, regulating, and operating new aircraft.





Standards

Congress clearly established the FAA's priorities with passage of HR 5900, the Airline Safety and Federal Aviation Administration Extension Act of 2010.

- The focus of the Safety Bill is pilot training, professionalism and professional development.
- It includes 8 rulemaking actions; 11 studies, task forces or reports to Congress; and 1 database.
- It also mandates that we establish a number of new standards for pilot training and certification.



Standards

- Most of this work will have to be done within the next two years with many overlapping deadlines.
- Also, HR 5900 includes provisions not contained within our FY 2011 budget request.
- The bottom line:
 - HR 5900 is the law of the land, and developing the standards it mandates takes precedence over many other efforts and activities.





Continued Operational Safety

- Assurance of *continued operational safety* is also a priority.
- We have to make sure that certificated airmen, aircraft, and entities already operating in the NAS do so in accordance with the established safety standards.



Continued Operational Safety

- We must evolve our safety oversight system and embrace the view that industry — not the regulator — is responsible for ensuring safety.
- SMS is a critical element. It will:
 - Give certificate holders accountability for managing their safety.
 - Allow FAA to identify areas that warrant attention.
 - Make it possible for us to keep up with new technologies and new processes in industry and NextGen.



Certification

- With regard to the FAA's *certification* function:
 - Through HR 5900, Congress directed the FAA to focus efforts and resources on certain *standards*.
 - Our fundamental responsibility requires that we ensure the *continued operational safety* of airmen, aircraft, and entities we have already certificated.





Certification

- These realities squeeze certification:
 - We cannot justify new certification without first assuring that we will be able to fund effective and proper oversight of those already operating.
- Improved use of designees and SMS will be critical to the FAA's ability to support certification of new entrants for business aviation.





Destination 2025

- Destination 2025 is a long-term, strategic vision for transforming our nation's aviation system and the FAA.
- It is a holistic and aspirational view of the future that will drive the FAA toward:
 - Achieving the next level of safety
 - Implementing NextGen
 - Equipping and organizing the FAA workforce to take on future challenges
 - Building a FAA culture based on collaboration and open communication.



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