

The State of Aviation

Challenges for 2011 and Beyond

Presented to: Regional Aviation Safety Group – Pan America

Presented by: John M. Allen, Director, FAA Flight Standards

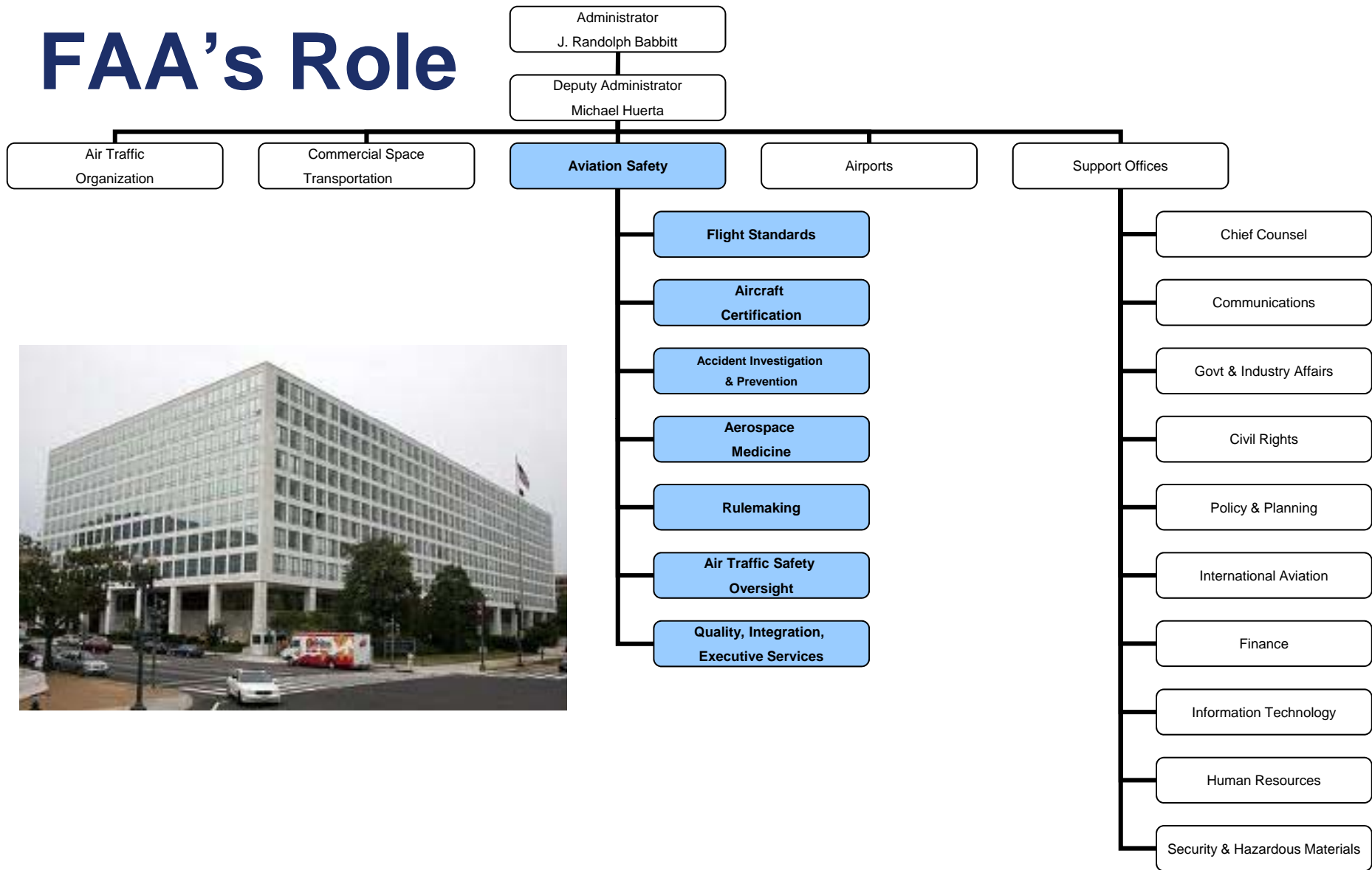
Date: 19 October 2011



Federal Aviation
Administration



FAA's Role



U.S Regulatory Environment

- **FAA Flight Standards.**
 - Over 5,200 employees - @ 3,600 inspectors
 - 100 offices, 8 region divisions, 2 foreign offices
- **U.S. Airline Industry**
 - 150,000 ATP pilots
 - 140,000 Commercial pilots
 - 116 major air carriers (down from 150 just a few years ago)
- **Other Parts Of The U.S. Aviation Community**
 - 242,600 private pilots
 - 1,444 flight standards designees
 - 5,000 repair stations
 - 368,500 mechanics and repairmen
 - 128,500 foreign pilots (number of US certificates that have been issued based on a foreign license)



Aviation is Changing (always has)

- Airmen (pilots & AMTs)
 - Training and evaluation needs to improve
 - Attract new pilots and mechanics
 - Pilot shortage is looming due to “Perfect Storm” of issues
- Aircraft
 - Technology for airframes, avionics (UAS)
 - Automation – including iPads
- Airspace
 - NextGen
 - UAS (remotely piloted aircraft)



Regulatory Role Evolution

- Budget challenges will allow for opportunities to transform AFS regulatory posture
 - Improve sophistication in using data/metrics
 - Greater use of designees
 - Evolve to regulatory acumen using SMS
 - Evolve enforcement posture
 - Leadership development
 - Moving from rulemaking to guidance improvement



International Observations

- Government's role in safety
 - Government/industry partnerships are important and necessary
 - SMS – refocusing government's aviation safety functions, role
- Regional cooperation
 - Efficient, effective use of resources through regional cooperation
 - RASG-PA engagement with regional organizations is key
- Aviation regulatory challenges have global impact
 - Aviation is changing – collaboration and sharing of relevant information will be key to success.
 - Budgets are shrinking – work together to maximize resources
 - Congress – legislatures – continue to be interested, engaged, active.



Questions?

John Allen

Director, Flight
Standards Service
(AFS-1)

(John.Allen@FAA.gov)

