



Federal Aviation  
Administration



# FAA Africa Objectives and Initiatives

Twenty-first Steering Committee

July 17, 2018

# FAA Strategic Objectives

- **FAA's goals and objectives are developed in consultation with key African States and stakeholders, as well as ICAO's AFI Plan and Abuja Safety Targets.**
- **FAA's key objectives are:**
  - FAA's Flight Standards Service: providing technical assistance and training to advance compliance with ICAO SARPS– Annexes 1, 6, and 8.
  - FAA's Air Traffic Organization: improving CNS/ATM in Africa and its adjacent oceanic FIRs to achieve seamless, harmonized global operations.
  - FAA's Air Traffic Safety Oversight Service: increasing effective implementation of ICAO SARPs by sharing implementation strategies with states for conducting effective oversight of ANSPs.
  - FAA's Airports Organization: reducing runway incursions and excursions, mitigating wildlife hazards, managing pavement maintenance, and planning aerodrome emergency response mechanisms.

# FAA Overview of Engagement

- To advance these common objectives, FAA conducts a combination of training programs, technical assistance, and workshops in coordination with ICAO, AFCAC, CANSO, IATA, ATNS and RSOOs, for states in the region with specific, well-defined needs.
- Over the past three years, FAA has delivered nearly 50 workshops and training courses across the AFI Region.



# FAA 2018 Initiatives

- Inspector Training System (ITS) **Kenya** (January)\*
- ATS Incident Analysis Workshop **South Africa** (July)
- Aerodrome Safety & Certification Workshop **Côte d'Ivoire** (July)
- Runway Safety Workshop **Botswana** (September)\*
- International Technical Surveillance Program (ITSP) for ANSPs **Swaziland, iSASO** (August, TBC)\*
- Technical Review **Rwanda** (September)

\* Conducted with SSFA support.



# FAA 2018 Initiatives (continued)

- ICAO GSI Operations Course **Ghana, BAGASOO** (July)\*
- ICAO GSI Airworthiness Course **Ghana, BAGASOO** (July)\*
- ICAO GSI Personnel Licensing **Ghana, BAGASOO** (August)\*
- ICAO GSI Air Cargo Courses (2) **Ghana, BAGASOO** (Sept)\*
- Inspector Training System (ITS) **Swaziland, iSASO** (Sept, TBC)\*

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# Collaborative Outcomes

- **Improved EI Scores:** Half of all sub-Saharan States improved their EI scores over the past three years.
- **CATEGORY 1:** The number of IASA Category 1 States has grown to five, and we have identified as many as eight additional states in position to seek Category 1 in the next three-to-four years.
- **Transatlantic Routes:** In just the past year, new nonstop air service between Africa and the U.S. will have increased nearly 50%, to 16 nonstop/direct routes by early 2019.

# Current & Proposed Africa-US Service



# Current and Emerging Issues

- **Global Air Navigation Plan (GANP):** FAA focus includes
  - Trajectory Based Operations (TBO);
  - System-Wide Information System (SWIM) - need for global standards and sharing best practices; and
  - Civil/Military Cooperation and airspace interoperability.
- **Air Traffic Flow Management (ATFM):** FAA continues to work collaboratively with ICAO regional offices to share best practices on FAA's approach to ATFM.
- **Unmanned Aerial Systems (UAS):** Given the speed of the industry's evolution, UAS is a high priority for FAA. We are assessing our future work program with ICAO.



# Current and Emerging Issues

- **Commercial Space Transportation:** FAA's interest pertains to regulatory requirements and concepts for future operations.
- **Cybersecurity:** FAA continues to be interested in promoting global awareness on the issue to support a globally-harmonized cyber framework.
- **Regional Safety Oversight Organizations (RSOOs) and Regional Aviation Safety Groups (RASGs):** FAA recognizes the role of these groups in promoting and improving regional cooperation and sees value in clarifying roles and responsibilities between the two.

# Current Issues

- **Regional Mechanisms:** FAA's goal is to ensure that ICAO regions have the flexibility to organize regional mechanisms such as PIRGs and RASGs in a manner best suited to support their ability to achieve the region's air navigation and safety objectives.
- **CORSIA:** FAA is committed to ongoing support of ICAO's environmental initiatives. We are working to implement all ICAO SARPs.
- We commend Botswana, Burkina Faso, Gabon, Kenya, Nigeria, Namibia, and Zambia for agreeing to voluntarily participate in the CORSIA Pilot phase from 2021.



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A large commercial airplane is shown in flight, positioned in the upper right quadrant of the image. The background features a stylized globe with various colors (blue, green, yellow) and a network of white lines representing flight paths. Several smaller white airplane icons are scattered across the globe. The overall design is modern and dynamic, with wavy lines and a bright color palette.

**Thank you**