Global Aviation Safety Oversight System (GASOS)

A General Overview
Outline

• Current Global Situation
• Regional Solutions
• Evolving with the Future
• What is GASOS
• GASOS Objectives
• Benefits of GASOS
• Key Takeaways
Current State of Play

• Many States continue to struggle meeting their safety oversight obligations;
• Effective implementation of SARPs is increasing at a nominal rate;
• States have limited financial and technical resources;
• External assistance (from State and Regional Organizations) is often necessary; and
• Regional solutions are possible options, but they have their own challenges
Regional Solutions

→ ~160 Member States
→ 95% want to participate in GASOS
Evolving with the Future

Cyber Safety

Space Transportation

Growth of Air Transport
What is GASOS

• GASOS is a system designed by ICAO to assess, recognize, and continuously monitor the capability of Safety Oversight Organizations (SOOs) and Accident Investigation Organizations (AIOs) to perform safety functions on behalf of States.

• GASOS will provide States with a global range of solutions for delegating safety functions or activities.

• The results will allow for more efficient and effective use of limited resources and greater harmonization worldwide.
GASOS Objectives

1. Strengthen State safety oversight capabilities; and
2. Make SOOs/AIOs more effective and efficient.
## Benefits

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<th><strong>States</strong></th>
<th><strong>RSOOs</strong></th>
<th><strong>ICAO</strong></th>
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| - Provides an alternative to having all safety oversight functions in-house with the required staffing.  
- Flexibility to choose and combine from different organizations for the various functions.  
- Access to services beyond the conventional RSOOs, from outside of the State’s sub-region, to more global best practices.  
- Ability to maintain a more cost-efficient and effective CAA | - RSOOs would be empowered and strengthened to effectively carry out functions on behalf of States.  
- RSOOs would be aligned with the ICAO aviation safety strategies in the GASP.  
- Efficiencies would be realized with respect to current regulatory systems and safety oversight audit programmes. | - Apply USOAP CMA to RSOOs and safety oversight organizations for States, resulting in more efficient and effective use of resources  
- Provide for a higher and more consistent compliance with the ICAO SARPs  
- Improve national and regional safety oversight capabilities - GASP  
- Safety enhanced globally |
Regional Endorsement
Schedule and Milestones

- **October 2017**: Complete Feasibility Study and RSOO Evaluation
- **December 2017**: Presentation of GASOS proposal at SANIS and Establish RSOO Cooperative Platform
- **May 2018**: Complete First GASOS Business Case
- **October 2018**: Recommendation at AN-Conf/13 (ANC Consultation)
- **October 2019**: Endorsement of the 40th Assembly (Council consultation)
- **January 2020**: GASOS launch

Develop GASOS programme and update ICAO provisions and guidance
Key Takeaways

- States keep ultimate responsibility for Safety Oversight
- GASOS is a voluntary programme
- Delegated functions and activities are mapped to USOAP CMA PQs
- Everyone benefits while aviation safety is enhanced globally
- Work in progress will be presented to A40
Questions?

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