



ICAO

INTERNATIONAL CIVIL AVIATION ORGANIZATION

A UN SPECIALIZED AGENCY





Eastern Caribbean States Air Navigation Strategy

Based on ICAO Global Air Navigation Plan (GANP)

Mayda Ávila

Ninth Eastern Caribbean Civil Aviation Technical Group Meeting (E/CAR/CATG/9)

Miami, United States, 28 to 31 July 2025

Introduction to GANP



The Global Air Navigation Plan (GANP) provides a roadmap for modernization of the global air navigation system.

- ICAO Doc 9750 (Seventh Edition)

- Supports regional and national planning

- Promotes a harmonized and interoperable air navigation system

- Aligns with the ICAO Aviation System Block Upgrades (ASBU) framework

Eastern Caribbean States: Context and Needs



- Small island developing states (SIDS) with unique operational challenges
- High dependency on air transport for connectivity
- Need for efficient, resilient, and environmentally sustainable ANS
- Emphasis on regional collaboration and resource optimization

GANP Objectives and Pillars



The GANP is structured around four strategic objectives:

1. Safety

2. Air Navigation Capacity and Efficiency

3. Security and Facilitation

4. Environmental Protection

Pillars include:

- Operational improvements (ASBUs)

- Infrastructure and enabling technologies

- Performance-based decision-making

- Multinational coordination and regional planning

Implementing GANP in the Eastern Caribbean

- Use of ASBU framework to guide modernization efforts
- Focus on regional collaboration through OECS mechanisms
- Prioritize key services: ADS-B, PBN, CNS upgrades
- Capacity building and institutional strengthening
- Leverage technical assistance and international cooperation



Key Regional Initiatives



- ADS-B regional coverage enhancement

- Improve situational awareness

- AIS, MET improvements , follow up for Digital AIM transition (AIXM, eAIP)

- ATFM/CDM regional frameworks

- Cybersecurity and contingency planning strategies

Challenges and Opportunities



Challenges:

- Limited financial and human resources

- Fragmented infrastructure

- Climate vulnerability

Opportunities:

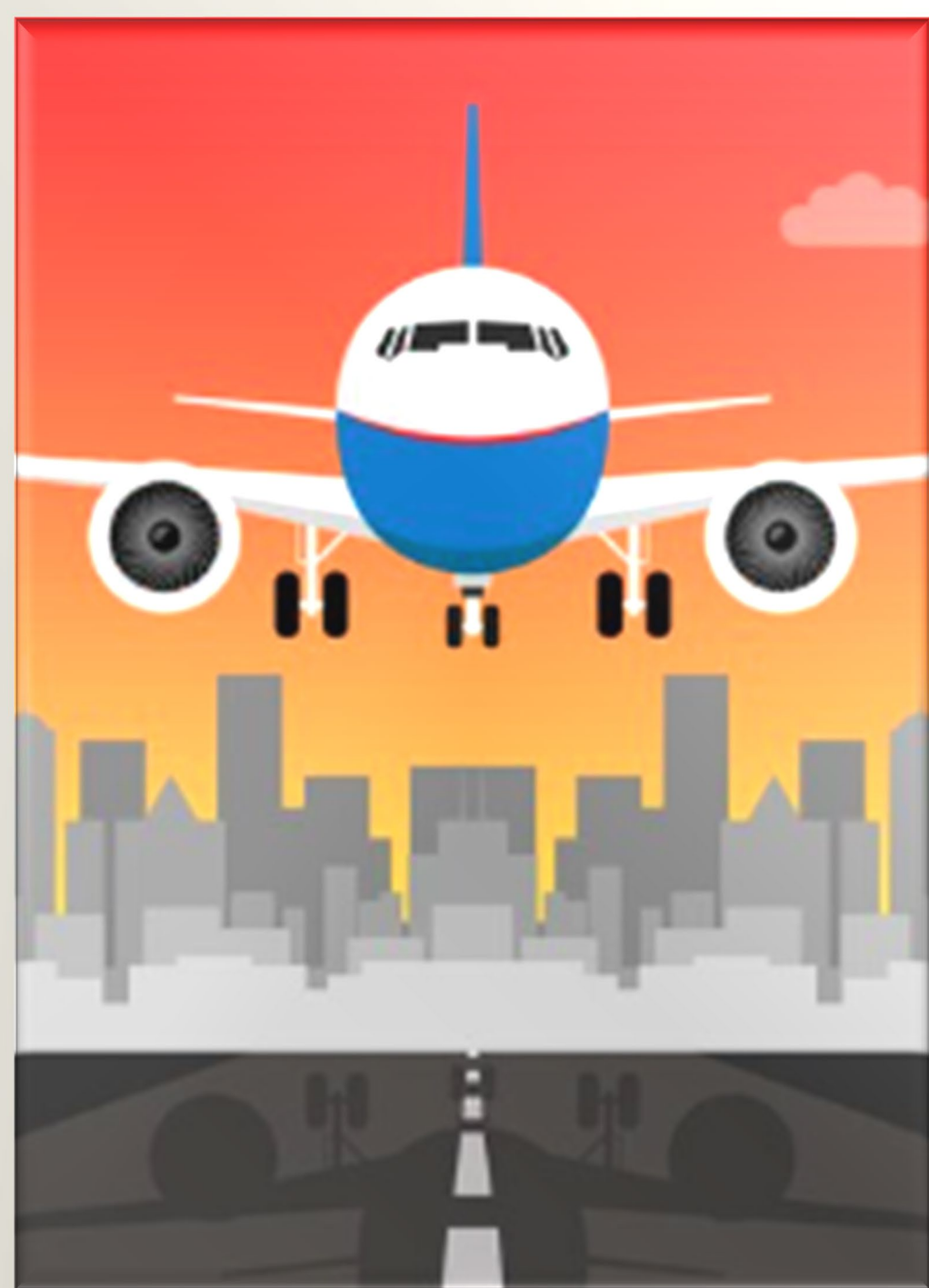
- Pooling of resources among OECS members

- International support from ICAO, IATA, and donors

- Innovation through new technologies (e.g., RPAS, AI, cloud services)

Benefits of a Regional Aviation Project for Eastern Caribbean States

- 1. Resource Optimization**
- 2. Improved Interoperability**
- 3. Increased Safety and Resilience**
- 4. Regulatory Strengthening**
- 5. Access to Funding and Technical Assistance**
- 6. Capacity Building and Knowledge Sharing**
- 7. Facilitation of Innovation and Modernization**
- 8. Environmental Efficiency**
- 9. Strengthened Regional Identity and Global Influence**
- 10. Support for Tourism and Economic Development**



Conclusion and Next Steps



- GANP V7 provides a structured and forward-looking plan
- Eastern Caribbean States must align national and regional plans
- Encourage collaborative projects and regional implementation bodies
- ICAO and partners can support through guidance and technical support

For further clarification & Questions after the forum, send to

mavila@icao.int



Thank You!