



ICAO

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WORKING PAPER

E/CAR/CATG/2 — WP/08
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Second Eastern Caribbean Civil Aviation Technical Group (E/CAR/CATG/2) Meeting
Miami, United States, 15 to 17 July 2015

Agenda Item 4: Air Navigation Matters

4.2 Follow-up on the implementation of the NAM/CAR Regional Performance Based Air Navigation Plan (RPBANIP) and the Port-of-Spain Declaration Air Navigation Targets in the Eastern Caribbean

PRELIMINARY PROGRESS REPORT OF THE ATM COMMITTEE

(Presented by E/CAR ATM Rapporteur)

EXECUTIVE SUMMARY	
This Working Paper highlights the achievements and progress made by the ATM Committee with regard to ATM conclusions/matters arising out of the E/CAR/CATG/1 and E/CAR/DCA/25 Meetings.	
Action:	That the updates, activities and suggested actions presented in this Working Paper be taken into consideration.
<i>Strategic Objectives:</i>	<ul style="list-style-type: none">• Safety• Air Navigation Capacity and Efficiency• Environmental Protection
<i>References:</i>	<ul style="list-style-type: none">• Report of the 1st Eastern Caribbean Civil Aviation Technical Group Meeting, Martinique - 19 to 21 June 2013• Report of the E/CAR/DCA/25 Meeting – 3 to 5 December 2013• E/CAR ATM Committee Teleconferences• Bilateral Meeting between Trinidad and Tobago and the French Antilles, Trinidad and Tobago – 27 to 28 May 2015

1. Introduction

1.1 The ATM Committee continues to work towards achieving its objectives through the application of a performance based approach for the development, improvement and implementation of ATM matters of concern for States/Territories within the E/CAR Region. Following the E/CAR/CATG/1 Meeting, this Committee has held three (3) ATM Committee Meetings, three (3) ATM Sub-Committee Meetings and two (2) ad-hoc Group Meetings that culminated in the production of a signed Memorandum of Understanding (MOU) between four (4) States/Territories, and a signed Letter of Agreement (LOA) along with two (2) draft LOAs between four other (4) States/Territories. The main activities being monitored/addressed by the ATM Committee are as follows:

- Updating the E/CAR ATM Committee's Points of Contact (POC)
- Review of PBN activities/initiatives within the E/CAR Region
- Review of ATS Coordination activities between VC Bird APP, Princess Juliana APP, San Juan CERAP and Piarco ACC
- Updates on the Caribbean and North Atlantic Regional Supplementary Procedures (Doc 7030) amendment submission
- Review of ATS Letters of Agreement (LOAs)
- Operational use of CPDLC and ADS-C in the E/CAR Region
- Operational assistance for Argyle Airport Commissioning in St. Vincent and the Grenadines (SVG)

2. Discussion

Updating the E/CAR/ATM Committee's POC

2.1 **Appendix A** provides an update of the E/CAR/ATM Committee's PoCs.

Follow-up to Valid Conclusions from the E/CAR/CATG/1 Meeting

2.2 **Appendix B** shows the progress on the assigned E/CAR/CATG/1 actions.

Any Other Relevant Business

ATM Business arising out of the POS Declaration

2.3 The ATM Rapporteur brought to the attention of the participants, the Regional Safety Targets established during the NACC/DCA/5 Meeting held in April 2014, as they related to accidents, runway excursions, aerodrome certification, the implementation of State Safety Programmes and Safety Management Systems (SMS) and one of the Regional Air Navigation Targets as it relates to PBN Approach Procedures.

2.4 With regards to the establishment of Safety Management Systems, both Barbados and Puerto Rico have implemented an SMS. Trinidad and Tobago is developing its SMS and has established an active Runway Safety Team.

National Air Navigation Plans (ASBU Oriented)

2.5 During the 5th E/CAR/CATG ATM Meeting, ICAO CNS RO informed the participants that since the formation of the ANI/WG in 2014, it was decided that National Air Navigation Plans would be produced in accordance with the Aviation System Block Upgrades (ASBU). It was also stated that every State/Territory would be required to produce their National Air Navigation Plan by 31 December 2015, in alignment with their Regional priorities and targets.

Air Traffic Flow Management (ATFM)

2.6 Trinidad and Tobago hosted an ATFM Go-Team Mission in June 2015. Participants from Jamaica and Trinidad and Tobago as well as key aviation stakeholders attended the activities. The Mission gave an insight into the objectives/benefits of ATFM, its interconnectivity with PBN along with the importance of CDM between the stakeholders within the E/CAR Region.

3. Activities

3.1 The following activities are being proposed:

- E/CAR States and Territories place greater focus on completing the work agendas set out for the ATM Committee.
- Multi-strata Regional PBN Core and Auxiliary Implementation Teams consisting of appropriate personnel selected from within the E/CAR States/Territories be established.
- Collaboration between the ANI/WG Rapporteur and the AIM and CNS Rapporteurs with the aim of attaining designated representatives to participate on the PBN TF.
- Continuance of the monitoring phase of the implemented ATC coordination improvements between VC Bird APP, Princess Juliana APP, SAN Juan CERAP and Piarco ACC.
- E/CAR States/Territories continue the review of their respective LOAs with adjacent ANSPs.
- Work continues on the operational use of the CPDLC and ADS-C in the E/CAR Region.
- SVG entertains greater Collaborative Decision Making (CDM) with certain States/Territories.
- E/CAR States/Territories produce their respective National Air Navigation Plans in accordance with their Regional priorities and targets by 31 December 2015.
- E/CAR States/Territories provide the required feedback, which will enable the production of an effective ATM Action Plan.

4. Suggested Actions

4.1 The Meeting is invited to:

- a) take note of the progress and status of the ATM Committee's activities;
- b) review and agree on the activities to be carried out; and
- c) take any other action as deemed necessary.

APPENDIX A
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APPENDIX B
FOLLOW-UP TO E/CAR/CATG/1 ACTIONS ASSIGNED

PBN Implementation Plan in the Eastern Caribbean (Decision 1/6)

Following the E/CAR/CATG/1 Meeting, both Antigua and Barbuda and the French Antilles submitted their National PBN Implementation Plans which have been incorporated into the Regional PBN Implementation Plan and presented to the E/CAR/DCA/25 Meeting. The E/CAR ATM Rapporteur and ECCAA POC are awaiting submission of National PBN Implementation Plans from UK Territories, The Netherlands (Saba and Sint Eustatius), St Lucia, Dominica and St Kitts and Nevis. St Lucia in the process of developing their National PBN Implementation Plan and has begun the process of attaining technical assistance from Trinidad and Tobago.

As part of the strategy to drive PBN Implementation activities within the E/CAR Region, Trinidad and Tobago hosted an ICAO facilitated PBN Go-Team Mission from 15-19 September, 2014. Representatives from Antigua & Barbuda, Barbados, Curacao, ECCAA, Grenada and Trinidad and Tobago attended this activity. The Final Report of the PBN Go-Team Mission has been disseminated to the E/CAR ATM Committee.

During the 6th E/CAR/CATG/ATM Committee Teleconference, the ANI/WG PBN Rapporteur addressed participants informing them of the importance of PBN harmonisation within the E/CAR Region, noting that one of the main focal points of the ICAO NACC Regional Director was implementation of work activities.

During a Bilateral Meeting between Trinidad and Tobago and the French Antilles in May 2015, dialogue was held with the ANI/WG PBN Rapporteur concerning the Piarco Airspace Redesign Concept (PARC).

PBN Task Force (Decision 1/7)

At the E/CAR/DCA/25 Meeting, a decision was therefore taken to move the activities of the PBN Task Force (TF), originally under the guidance of the ATM Committee, to the ANI/WG PBN TF.

Correspondence with the AIM and CNS Rapporteurs showed that the required collaboration with the ANI/WG PBN Rapporteur to attain designated personnel to participate on the PBN TF remains valid.

Antigua and Barbuda, Barbados and Trinidad and Tobago began forming or have formed their PBN Implementation Teams.

E/CAR PBN Training Approach (Draft Conclusion 1/8)

The E/CAR ATM Rapporteur, ANI/WG PBN Rapporteur and ICAO provided information concerning those sources where PBN Training could be received.

ATS Coordination Improvements between VC Bird APP, Princess Juliana APP, SAN Juan CERAP and Piarco ACC (Decision 1/9)

During a Quadrilateral ATC Coordination and Radar Data Sharing Meeting hosted by Puerto Rico, USA, in March 2015, a Memorandum of Understanding (MOU) between the four States/Territories was signed. This MOU took effect on 04 May 2015. A monitoring process of the implemented coordination procedures MOU has been put in effect. Sincere gratitude has been extended to the various participants of this ATM Sub-Committee for their valued contributions towards bringing this outstanding Item to completion.

Update on Doc 7030 Amendment Submission

The amendments to the Caribbean and North Atlantic Regional Supplementary Procedures (ICAO Doc 7030) has been completed and the Proposal for Amendment (PFA) was officially submitted by the United States to the ICAO NACC Regional Office for coordination and approval.

The inclusion of CPDLC and ADS-B in the Caribbean and North Atlantic Regional Supplementary Procedures is still to be determined by the United States and Trinidad and Tobago.

Updates on ATS Letters of Agreement (Draft Conclusion 1/10)

The E/CAR States/Territories continue to review their respective LOAs with adjacent ANSPs for reasons of relevancy, clarity, safety and efficiency in the provision of ATS.

Antigua & Barbuda, Barbados, Grenada, Guadeloupe, Martinique, Puerto Rico, St Maarten, St Vincent and the Grenadines and Trinidad and Tobago are currently engaged in reviewing their respective LOAs.

Antigua and Barbuda is finalising a revised LOA with Sint Maarten and in the process of revising their respective LOAs with Guadeloupe and Trinidad and Tobago.

Trinidad and Tobago held Meetings with the French Antilles in May 2015, during which there was the signing of a revised LOA between Martinique APP and Piarco ACC effective 01 September 2015, production of the final draft LOA between Piarco ACC and Guadeloupe, and initial dialogue on the draft LOA between Piarco ACC and Cayenne ACC APP were achieved.

Operational Use of the CPDLC and ADS-C in the E/CAR Region (Draft Conclusion 1/12)

Trinidad and Tobago has done extensive research and sensitized ATM Staff regarding the use and purpose of CPDLC and ADS-C within the Piarco FIR. The State formed a Task Force and began live CPDLC and ADS-C trials from January 2015.

During the Bilateral Meeting between the French Antilles and Trinidad and Tobago in May 2015, there was initial dialogue on CPDLC and ADS-C usage.

Operational Assistance for Argyle Airport Commissioning in St Vincent and the Grenadines (Draft Conclusion 1/13)

During a Teleconference involving ICAO's CNS RO, the E/CAR Chairperson, the E/CAR's AGA and ATM Rapporteurs, St Vincent and the Grenadines (SVG) and ECCAA on 26 January 2015, SVG and ECCAA provided updates inclusive of the ATM and CNS progress of Argyle International Airport. During this Meeting, it was ascertained that by attaining more relevant information from SVG, those concerned States/Territories would be in a better position to assist SVG.

ATM Action Plans (Draft Conclusion 1/21)

Responses are still to be received from the States/Territories within the E/CAR concerning an electronic form on the ATM Action Plan that was disseminated in 2013. It is therefore suggested that a different course of action may be required to effectively address this issue.