



ICAO

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WORKING PAPER

E/CAR/CATG/3 — WP/09
13/10/16

Third Eastern Caribbean Civil Aviation Technical Group Meeting (E/CAR/CATG/3)
Basseterre, Saint Kitts and Nevis, 19 to 21 October 2016

Agenda Item 3: Air Navigation Matters

3.2 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:

3.2.1 Progress reports of the AIM, AGA, ATM, CNS, MET and SAR Committees

PROGRESS REPORT BY ATM COMMITTEE

(Presented by ATM Committee Rapporteur)

EXECUTIVE SUMMARY	
This Working Paper provides a progress report on the ATM activities within the Eastern Caribbean Civil Aviation Technical Group for the period July 2015 to September 2016.	
Action:	The suggested action is presented in Section 3.
<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 2nd Eastern Caribbean Civil Aviation Technical Group Meeting, United States - 15 to 17 July 2016• E/CAR/CATG/2 Conclusions and Decisions• Minutes of 7th ECAR ATM Committee Teleconference – 04 October 2016

1. Introduction

1.1 During the period July 2015 to October 2016, the work of the ATM Committee decelerated. This was partly due to limitations faced by certain Member States and Territories to have the capability of investing the required resources towards the advancement of important ATM activities. In spite of this, Member States and Territories attempted to pursue these activities to the best of their ability. During the aforementioned period the ATM Committee has held one (1) Teleconference. The main activities being monitored/addressed by the ATM Committee are as follows:

- Updating the ATM Committee's Points of Contact (POC)

- Updates on ATFM initiatives
- Updates on Operational assistance for Argyle Airport Commissioning in St. Vincent and the Grenadines (SVG)
- Updates on PBN activities/initiatives
- Updates on Operational use of CPDLC and ADS-C in the E/CAR Region; and
- Review of ATS Letters of Agreement (LOAs)

2. Discussion

Updating the E/CAR/ATM Committee’s POCs

2.1 **Appendix A** provides an update of the E/CAR/CATG/ATM Committee’s Points of Contact (POCs).

Follow-up on Valid Conclusions from the E/CAR/CATG/2 Meeting

ATM Activities

2.2 **Appendix B** provides follow-up on Valid Conclusions/Decisions from the E/CAR/CATG/2 Meeting, while **Appendix C** provides information on monitored PBN, CPDLC and ADS-C initiatives.

3. Suggested Actions

3.1 The Meeting is invited to:

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

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APPENDIX A
E/CAR/CATG/ATM COMMITTEE'S POCS

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APPENDIX B

Conclusion	Text	Follow-up	Status
CONCLUSION ECAR/CATG 2/1 ATFM IMPLEMENTATION IN THE PIARCO FIR	<p>That, E/CAR States/Territories, in order to ensure the ATFM implementation in the Piarco FIR:</p> <ul style="list-style-type: none"> a) encourage signing or updating the ATFM LoAs to facilitate the implementation of Traffic Management Initiatives (TMIs) in the Piarco FIR, as required; b) encourage participation of their specialists in the ATFM/CDM workshop to be hosted by Trinidad and Tobago in November 2015; c) publish the capacity of their international aerodromes under their jurisdiction by 31 December 2015; and d) conduct ATFM teleconferences in the E/CAR applying the format suggested in E/CAR/CATG/2 WP/17. 	<ul style="list-style-type: none"> a) During the 7th E/CAR/CATG/ATM Committee Meeting, Trinidad and Tobago presented a draft ATFM LOA between Piarco Flow Management Unit (FMU) and the E/CAR Terminal Control Area Units (TMAs). b) Trinidad and Tobago hosted an ATFM-CDM Workshop from 16-22 November 2016. This was attended by various aviation stakeholders including ANSP representatives from E/CAR Region. c) To date, Trinidad and Tobago has published both its Sector and Aerodromes Capacity. Information is still being awaited from the other E/CAR States/Territories. d) The “Caribbean Outlook Telecon Form” is being used by States and Territories. A new “Piarco ATFMU Daily Reporting Form” has been drafted and is expected to be implemented in due course. 	<ul style="list-style-type: none"> a) Valid b) Completed c) Valid d) Completed
DECISION E/CAR/CATG 2/9	<p>That, in order to continue the work of the E/CAR Committees, the E/CAR/CATG approves the update of the ATM, AIM, AGA and CNS Committees work programme.</p>	<p>The ATM Committee is currently in the process of updating its work programme.</p>	<p>Valid</p>

<p>CONCLUSION ECAR/CATG 2/10</p>	<p>That, taking into account the required operational coordination between Civil Aviation Authorities of adjacent airspaces to Saint Vincent and the Grenadines Argyle International Airport, Saint Vincent and the Grenadines Civil Aviation Authority as a matter of urgency:</p> <p>a) begin official coordination and share relevant information with adjacent E/CAR States/Territories so that they are better informed in order to ensure safety within their respective airspaces of jurisdiction through a proper Air Navigation Services (ANS) implementation project;</p> <p>b) submit to ICAO NACC Regional Office the relevant information concerning the CAR/SAM ANP requirements associated with ANS operations for Argyle International Airport;and</p> <p>c) review the performance-based metrics and benefits achieved (Air Navigation Report Forms (ANRFs)).</p>	<p>a) SVG had previously requested assistance from Trinidad and Tobago in training and development and setting up of its AFS system at Argyle. This was agreed to following a meeting with the authorities of SVG, Trinidad & Tobago and ECCAA in St. Vincent. The participation of the TTCAA contingent was facilitated by CASSOS.</p> <p>With the assistance of Trinidad & Tobago, SVG ATCOs were provided with refresher training and were also trained in the new procedures for Argyle operations from 21 September to 30 October 2015. This was followed by simulation and development training at the facility in Trinidad for nine (9) controllers from 09 to 27 November 2015. SVG also participated in the ATFM and PBN workshops held in Trinidad from 16 to 22 November 2015.</p> <p>Checks with other States/Territories adjacent to SVG have revealed very little collaboration initiated by the SVG ANSP.</p> <p>b) This sub item remains outstanding.</p> <p>c) This sub item remains outstanding.</p>	<p>a) Valid</p> <p>b) Valid</p> <p>c) Valid</p>
<p>DECISION E/CAR/CATG/2/11</p>	<p>That, in order to measure and monitor the progress achieved in the E/CAR area related to air navigation matters, the E/CAR/CATG Rapporteurs review the air navigation targets as detailed in the preliminary analysis done by the ANI/WG/2 Meeting and collect the data in the revised ANRFs by 15 October 2015.</p>	<p>This item remains outstanding.</p>	<p>Valid</p>

APPENDIX C

Monitored Activity	Text	Status
<p>1. PBN Initiatives</p>	<p>At the recently concluded 7th E/CAR/CATG ATM Committee Teleconference the participants were informed of and updated on the following by Trinidad and Tobago:</p> <p>ATFM/PBN Workshop conducted by Trinidad & Tobago from 16 – 22 November 2015;</p> <p>Progress made by Trinidad & Tobago in terms of:</p> <p>Implementation of 40nm GNSS Longitudinal Separation in collaboration with Guyana, Surinam and Brazil;</p> <p>The development of four (4) new RNAV routes within the Piarco FIR/UTA in collaboration with adjacent ANSPs;</p> <p>RNAV5 live trials within Piarco’s Continental en-route airspace with the assistance of adjacent ANSPs and participating airline operators; and</p> <p>Creation of an Air Navigation Plan in collaboration with Antigua and Barbuda, Barbados and St Lucia, during an ASBU Workshop held in August 2016.</p>	<p>Continued Monitoring and Reporting</p>
<p>2. CPDLC and ADS-C Initiatives</p>	<p>During the recently concluded 7th E/CAR/CATG ATM Committee Teleconference the participants were informed of and updated on the following CPDLC and ADS-C initiatives by Trinidad and Tobago:</p> <p>Analysis and identification of necessary actions for the operational use of CPDLC and ADS-C within the Piarco FIR/UTC;</p> <p>Development and coordination of the proposal for the inclusion of CPDLC and ADS-C within the corresponding sections of the ICAO Doc7030 – CAR Region Supplementary Procedures;</p> <p>Collaborative CPDLC and ADS-C talks between Trinidad and Tobago and the United States;</p> <p>The hosting of the CPDLC Go-Team in October 2015; and</p> <p>The implementation of CPDLC and ADS-C Services within the Piarco Oceanic en-route airspace.</p>	<p>Continued Monitoring and Reporting</p>

Monitored Activity	Text	Status
<p>3. Review of LOAs</p>	<p>Revised LOAs and an addendum have been signed between Trinidad and Tobago and the French Antilles (Guadeloupe, Martinique and Cayenne respectively). Trinidad and Tobago has intentions of collaborating with St Lucia regarding the possible revision of the LOA with the ANSP.</p> <p>Antigua and Barbuda have, signed a revised LOA with Guadeloupe, drafted a revised LOA with Saint Maarten and are to commence talks with Puerto Rico and St Kitts.</p>	<p>Continued Monitoring and Reporting</p>