Agenda Item 3: Air Navigation Matters

3.1 Review of the results of the C/CAR/WG/9 meeting and valid conclusions of previous C/CAR/WG meetings

REVIEW OF THE RESULTS OF THE NINTH CENTRAL CARIBBEAN WORKING GROUP MEETING (C/CAR/WG/9) AND THE VALID CONCLUSIONS OF PREVIOUS C/CAR/WG MEETINGS

(Presented by the C/CAR/WG Chairman)

SUMMARY

This working paper presents an executive summary of the ninth Central Caribbean Working Group meeting, highlighting the results achieved, relevant discussions, follow-up on the progress achieved and the valid conclusions of this Group.

References:

- Report of the seventh Central American Air Navigation Experts Working Group meeting (C/ANE/WG/7) and the ninth Central Caribbean Working Group meeting (C/CAR/WG/9), Mexico City, Mexico, 5 to 9 March 2012

Strategic Objectives

This working paper is related to Strategic Objectives A Safety – Enhance global civil aviation safety and C. Environmental Protection and Sustainable Development of Air Transport

1. Introduction

1.1 The ninth Central Caribbean Working Group meeting (C/CAR/WG/9) was held jointly with the seventh Central American Air Navigation Experts Working Group meeting (CA/ANE/WG/7) at the ICAO NACC Regional Office, Mexico City, Mexico with the participation of 10 States of Central America and the Central Caribbean and 3 International Organizations. Cuba, Curacao, Dominican Republic, Haiti, Jamaica and Mexico participated from the Central Caribbean. However, unfortunately Bahamas did not attend.

1.2 As a result of the C/CAR/WG/9 Meeting, the report contains the agreements and results of the discussions on the air navigation issues in monitoring the implementation activities of the NAM/CAR Regional Performance-Based Air Navigation Implementation Plan (NAM/CAR RPBANIP), as well as the follow-up on the actions of the outstanding conclusions/decisions of previous meetings and review of the terms of reference of this working group.
1.3 In order to allow the Working Group, Committees and States Members to initiate their assigned work in close coordination with ICAO and to present the results and progress before the Twelfth Meeting of Directors of Civil Aviation of the Central Caribbean Meeting, through ICAO State Letter EMX0275 dated 26 March 2012, the final report of the CA/ANE/WG/7 - C/CAR/WG/9 meeting was presented and it was requested that the 4 draft conclusions proposed by the CA/ANE/WG/7 - C/CAR/WG/9 meeting, namely numbers 1, 2, 3 and 6 be approved by the Directors of Civil Aviation, and no objections were received by 27 April 2012.

2. Discussion

CA/ANE/WG/7 - C/CAR/WG/9 Executive Summary and its relevant actions

2.1 Appendix A to this paper presents an executive summary on the discussions and results obtained by the CA/ANE/WG/7 - C/CAR/WG/9 Meeting, highlighting the following actions to be carried out:

a) ICAO new Model Flight Plan Form implementation: critical transition activities, delays on activities, regional tests, publications, training, etc
b) Modernization process of the MEVA II Network (MEVA III). Request for Information (RFI) Document development, interconnection of the MEVA II network and the Eastern Caribbean Aeronautical Fixed Service (AFS) network, and the next MEVA/TMG/24 meeting to review replies to the RFI
c) Coordination to solve the lack or deficient service of AMS communications service in the CAR Region
d) Expansion of the routes from the Gulf of Mexico to the rest of the CAR Region: coordination with all stakeholders by extending the benefits, as required, to the Central American, Habana and Kingston FIRs.
e) Review and identification of improvements to existing Air Traffic Service(s) (ATS) routes: discontinuation of route UB882 from Benet to Taboga (TBG) and other improvements on the ATS routes: Jamaica coordinates this activity
f) Implementation of Air Traffic Services Inter-facility Data Communication (AIDC) initially with Current Flight Plan- Logical Acknowledgement Message (CPL-LAM) messages: Curacao, Dominican Republic, Jamaica, Mexico, and COCESNA
g) Regional implementation of the ATS Message Handling System (AMHS)
h) Implementation of MET Quality Management System (QMS/MET) by 15 November 2012
i) Implementation activities for Automatic Dependent Surveillance - Broadcast (ADS-B)

Follow-up to valid conclusions/decisions

2.2 As a result of the review and follow-up to the Conclusions/Decisions, the CA/ANE/WG/7 - C/CAR/WG/9 Meeting:
a) recalled that all the C/CAR/WG/8 Meeting Conclusions/Decisions were declared completed during the NACC/WG/3 Meeting;

b) followed-up on previous valid Conclusions/Decisions of the NACC/WG meetings, recognizing that the current work plans of the C/CAR/WG cover these actions; and

c) noted the actions taken regarding conclusions/decisions of previous C/CAR/DCA/11, GREPECAS/16 and NACC/DCA/4 meetings.

2.3 The Conclusions and Decision of the CA/ANE/WG/7 - C/CAR/WG/9 Meeting approved by the Directors of Civil Aviation of the Central Caribbean are presented in Appendix B.

2.4 The Meeting also reviewed the terms of reference of the group, concluding that they remain valid. A new Chairman, Mr. Julio César Mejía of Dominican Republic was elected and the next meeting of the C/CAR/WG is to be hosted by Aruba.

**Progress on activities subsequent to the CA/ANE/WG/7 - C/CAR/WG/9 Meeting**

2.5 Since the C/CAR/WG/9 Meeting, the following progress on implementation activities by the C/CAR/WG has been achieved:

a) ICAO new Model Flight Plan Form implementation: two teleconferences for coordination of regional testing and updating of the status of implementation of each State, progress in Aeronautical Information Circular (AIC) publication of some States, such as Aruba, Bahamas, United States, etc. Successful tests by Cayman Islands.

b) The process of modernization of the MEVA II Network (MEVA III): 80% completion of the RFI document, coordination with the Eastern Caribbean AFS network to perform the interconnection, MEVA III work plan agreed.

c) Coordination to solve the lack or deficient service or AMS communications in the CAR Region: the States concerned and IATA have been requested to identify detailed deficiencies specifying geographic areas (latitude, longitude, height), time and date, failure description, etc. A teleconference has been scheduled for July.

d) Implementation of AIDC initially with CPL-LAM messages: Curacao, Dominican Republic, Jamaica, Mexico and COCESNA will participate. An AIDC capabilities questionnaire was circulated and a teleconference has been scheduled for July.

e) Regional implementation of the AMHS systems: Bilateral agreements in process

f) Implementation activities for ADS-B. First teleconference held, draft cost-benefit study available, and a follow-up teleconference scheduled for July.
3. **Suggested Actions to the Meeting**

3.1 The Meeting is urged to:

a) take note of the different activities, progress and achievements of the C/CAR/WG/9 meeting and the relevant actions as detailed in Appendix A to this working paper;

b) taking account of the progress reported in paragraph 2.5, inform of any new progress on the implementation by States of the conclusions in Appendix B to this working paper; and

c) agree any other appropriate action for the best performance and work of the C/CAR/WG.
APPENDIX A
EXECUTIVE SUMMARY OF THE CA/ANE/WG/7 – C/CAR/WG/9 MEETING REPORT

Please take note that actions are underlined for easier follow-up

1. Most recent ICAO Standards and Recommended Practices (SARP) were informed, and updates to the guide material, current work of ICAO Expert Groups, as well as the new online format for Air Navigation Plan (ANP) Regionals (eANP).

2. It was presented the progress on the initiative on Next Generation of Aviation Professionals (NGAP) and urge the States to comment on the CAR Regional Aeronautic Training Plan (http://www.mexico.icao.int/eDocuments.html) Section "Training/Instrucción" and developing Strategic Plans for Training and send to the ICAO NACC Regional Office as soon as possible.

3. It noted the progress in preparing for the implementation of the ICAO Regional Project of Technical Cooperation - Implementation of Air Navigation Systems Performance based in the CAR (RLA/09/801). COCESNA Cuba and reaffirmed their intention to participate in the project. The Secretariat reported that The Bahamas, Barbados, Haiti, Jamaica, Mexico, and Trinidad and Tobago have already made the initial deposit of $25,000 USD to the account of ICAO.

4. The CAR States that have not confirmed their participation in the Project, to deposit the initial contribution of USD$25,000 in ICAO’s account as soon as possible and also to take into consideration the activities and scope of the RLA/09/801 project in the implementation of the air navigation systems in the Region.

5. The reported progress and update of the NAM/CAR Regional Performance Based Air Navigation Plan (RPBANIP) presented to the NACC/DCA/4; as well as the coordination performed by ICAO (teleconferences with the Work Group Chairmen) and identification of improvements established timelines planned activities and corresponding action plans for Regional Performance Objectives (RPO), the following was concluded:

   a) several activities for the RPO require time validation and responsible parties, since in several cases their dates have expired or have not compliance report, as well as its update based on the RPBANIP NAM/CAR (V2.0)

   b) there is a lack of detailed action plans for some RPO as the RPO 10, 11 and 12.

6. The C/CAR/WG reported its preliminary progress in the different air navigation areas and as result of the discussion, the achievements were updated as detailed in Appendix A of the agenda item 3 and on ND/01. Likewise, the Ad-hoc groups also met to discuss several specific topics:

   a) Regional VSAT Telecommunications Network for Central Caribbean, MEVA II Network, held their 23th Technical Management Group Meeting. (MEVA TMG/23). Results in DP/05

   b) Lack or deficient service of AMS communications in the CAR region, based on reports of WP/03. Results in DP/04

   c) Implementation activities for the ADS-B. DP/03

   d) PBN Routes implementation in the Gulf of Mexico, GoMex. Results in ND/06
7. The following progress in implementation of the NAM/CAR RPBANIP was reported, highlighting:

**RPO 1 IMPLEMENTATION OF PERFORMANCE BASED NAVIGATION (PBN)**

- Several States have made progress on the PBN airspace implementation
- Implementation progress, informed by United States and Mexico, of the RNP 10, 50 NM Lateral Separation and RNAV Route Structure in the Gulf of Mexico, should be coordinated with all involved by the benefits extension, as required, to the Central American FIR, Havana and Kingston. Additionally, must be coordinated the steps previous to the implementation by a Transition Plan and present the corresponding information to the next Civil Aviation Directors Meeting for approval.
- Review and identification of ATS existing routes improvements: UL474 Route discontinuation replacing with the extension of UB882 Route from Benet to Taboga (TBG) and other ATS Routes improvements: Jamaica will coordinate with ICAO, IATA and involved States in April 2012 to discuss the UL474 matters and other ATS route improvements as to make them available for the ICAO ATS Route Amendment.

**RPO 3 IMPROVE DEMAND AND CAPACITY BALANCING (DCB)**

- States will determine the airport acceptance rate (AAR) and the sector in the States in order to achieve a balance between demand and capacity, similarly the collection statistics of the operations carried out in the CAR Region FIRs.

**RPO 4 IMPROVE ATM SITUATIONAL AWARENESS**

- Benefits and achieved improvements were presented with the use of Data Communications between the air traffic services inter-facility data communication (AIDC) and CPL-LAM among Canada, Cuba, Mexico and United States.
- Curacao, Dominican Republic, Jamaica and COCESNA are interested in implementing the AIDC initially with the CPL-LAM messages, by which Conclusion 1 - Action Plan for AIDC Implementation; Using CPL-LAM Messages was formulated.

**RPO 5 IMPLEMENTATION OF THE NEW ICAO FLIGHT PLAN FORMAT**

- Was informed about the follow-up on implementation activities for the New Flight Plan Format that have been reported since the NACC/WG/3 Meeting; highlighting the results of the off-line tests carried out and the urgent attention to develop Transition Phase activities to be carried out.
- Cuba informed regarding the progress made in their implementation action plan, including coordination with other ANSPs, the preparation of the A Series AIC, the compliance with the training programme to complete the automated processing system and filling forms of flight plans used in ARO/AIS/MET offices and the preparation and modernization of system trials platforms.
- Due to the critical and importance of this implementation, Conclusion 2 - Implementation of the New ICAO Flight Plan Format by 15 November 2012 was formulated.

**RPO 7 ENHANCE CAPACITY AND EFFICIENCY OF AERODROME OPERATIONS**

- Dominican Republic, Haiti and Jamaica have provided courses to reduce runway incursions.
RPO 8 PROTECTION AND EFFICIENT USE OF RADIO FREQUENCY SPECTRUM

- ITU Radio Communication Conference 2012 (WRC-12), was held in Geneva, Switzerland, from 23 January to 17 February 2012, the WRC-2012 results were satisfactory for ICAO
- Took note of the recent updates to the frequency assignment lists (COM Lists) made by ICAO.

RPO 9 OPTIMIZATION AND MODERNIZATION OF COMMUNICATION INFRASTRUCTURE

- Progress on the implementation of AMHS systems in the CAR Region was presented, and its follow-up through the Regional Implementation Schedule.
- Several deficiencies in the provision of Aeronautical Mobile Service (AMS) communications in the CAR Region were presented, which affect the safety of the flights: Lack/deficient VHF AMS coverage in the Central Caribbean and the lack or deficiencies in VHF Communications by the Pacific Coasts of Mexico that requires the implementation of improvements to optimize the service and the safety of the flights. Due to these deficiencies, IATA expressed their support and agreement to work and assess the solutions together between the users/operators and the service providers. In this regard the Meeting agreed on formulating the conclusion 3 - Improvements to AMS Communication Services in the CAR Region.

RPO 11 IMPLEMENTATION OF THE AIM TRANSITION

- Cuba informed about its progress regarding AIM implementation, AMHS development and training. Curaçao has planned this transition, to be completed by 2013 and Mexico is working in preparing the electronic AIP by 2013.

RPO 12 IMPROVE AVAILABILITY OF METEOROLOGICAL INFORMATION

- The MET quality system implementation (QMS/MET) in the NAM/CAR Regions was informed to the Meeting, as well as the draft QMS/MET Guide for the CAR/SAM Regions (www.mexico.icao.int/MET.html). The implementation of a QMS/MET must be completed no later than 15 November 2012
- Transition to the WIFS System by 30 June 2012. The WIFS will be the only means available for users to obtain WAFS products from the World Area Forecasting Center (WAFC) in Washington.

8. Regarding the specific air navigation developments the following was highlighted:

AIM

- For the provision of electronic terrain and obstacle data in different Areas [1, 2 (a, b, c and d), 3 and 4] and taking into account the GREPECAS AIM e-TOD Project, the meeting was informed of the development of a guide for the preparation of eTOD action plans for the CAR Region as part of the GREPECAS e-TOD AIM Project.
- States to submit to the ICAO NACC Regional Office the Action Plans for the e-TOD Implementation by 31 July 2012 using the Guide to Prepare an e-TOD Action Plan (http://www.mexico.icao.int/AIM.html).

AGA

- The best practices for improving safety and the creation of Runway Safety Teams (RST) were emphasized, and that currently there is a pilot project launched to create a RST on the Mexico City International Airport.
**ATM**
- States should verify the availability of 5LNCs using the ICARD before the publication of the 5LNCs that were awarded through the ICARD database, to reduce the possibility of code duplication, which will help States adhere to the principles of 5LNCs establishment and allocation, as established in Annex 11, Appendix 2.

**CNS**
- An update to the MEVA II Network to the MEVA III transition plan was presented, highlighting the reasons of this transition and activities to perform in this process.
- Progress on the Automatic Dependant Surveillance-Broadcast (ADS-B) activities by Cuba, United States, CANSO and COCESNA was presented.
- States were urged to support the ADS-B data analysis, informing their plans or activities related to ADS-B for consideration and participation of other States, review the agreements accomplished in the ADS-B/MLAT Implementation Workshop, held in September 2011, and encourage participation of Ad-hoc groups and other States in this implementation by designating a focal point by State for future coordination.
- IATA expressed its support to the activities related with the ADS-B implementation and informed that currently, IATA is finishing the development of an online database (web-based) with avionics information from its members fleet and which are defining the form in which the database is accessed by States so they can use and complement the information contained in it. IATA will notify ICAO when this database is available and projected its availability by the next meeting of the Working Groups.

**MET**
- The current transition status from world area forecast system (WAFS) to WAFS Internet File Service (WIFS) was informed, urging the States to activate their accounts, assisting the State supplier of the International Satellite Communications System ISCS/WIFS; to evaluate if the account is properly operating and if the user is accessing the WAFS data. The objective of this follow-up to the States is to guarantee the transition of the ISCS Service to WIFS no later than 31 March 2012.

**SAR**
- SAR agreements reached between States and local authorities in Dominican Republic and the SAR related training provided were highlighted.

9. The Terms of Reference (ToR) of C/CAR/WG were reviewed with no changes. A new chairperson was appointed, Mr. Julio César Mejía Alcántara from the Dominican Republic and it was very much appreciated the valuable work performed by Mr. Ara during his term as Chairman of the C/CAR/WG.

10. It was informed of the Aviation System Block Upgrades (ASBUs) Methodology, and the eventual update of the Air Navigation plan in relation to this methodology. Also it was recognized the importance of ICAO Fuel Savings Estimation Tool (IFSET) formulating Conclusion 6 - Implementation of the ICAO Fuel Savings Estimation Tool (IFSET) in Central Caribbean and Central America.

11. Finally it was informed that, according to the host rotation scheme for the C/CAR/WG, the next C/CAR/WG Meeting, corresponds to Aruba; therefore ICAO will coordinate accordantly with Aruba
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<th>Text of Conclusion / Decision</th>
<th>Follow-up and Remarks</th>
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<td>CCARWG9 C</td>
<td>1</td>
<td>CNS</td>
<td>ACTION PLAN FOR AIDC IMPLEMENTATION: USING CPL - LAM MESSAGES</td>
<td>That, considering the importance and benefits of AIDC implementation, States/ Territories of the Central Caribbean and Central America:</td>
<td>States/ Territories of the Central Caribbean and Central America</td>
<td>9/21/2012</td>
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<td>ICAO Regional Office circulate a consult to the States/Territories and International Organizations on capacity, Ref. State Letter Ref. EMX476 dated 1 June 2012</td>
<td>States/ Territories of the Central Caribbean and Central America/ International Organizations</td>
<td>9/21/2012</td>
<td>Notification on capacity of its ATC Systems to process CPL-LAM Messages</td>
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<td>ICAO NACC Regional Office make available in its webpage a section containing the NAM ICD and other information for this implementation (<a href="http://www.mexico.icao.int/CNS.html">http://www.mexico.icao.int/CNS.html</a>). Comments are expected with the elaboration of the Plan Action.</td>
<td>States/ Territories of the Central Caribbean and Central America/International Organizations</td>
<td>10/26/2012</td>
<td>NAM and CAR/SAM ICDs Review (comments)</td>
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<td>With the responses to the State Letter Ref. EMX476 dated 1 June 2012 and the States coordination, a Regional Action Plan will be proposed.</td>
<td>States/ Territories of the Central Caribbean and Central America/ International Organizations</td>
<td>3/31/2013</td>
<td>Action plan on the use of CPL-LAM Messages</td>
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<td>ATM</td>
<td>IMPLEMENTATION OF THE NEW ICAO FLIGHT PLAN FORMAT BY 15 NOVEMBER 2012</td>
<td>That, considering the importance to comply with the Amendment 1 to ICAO Doc 4444 implementation activities for the new flight plan format, States/Territories of the Central Caribbean, Central America and International Organizations:</td>
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<td>States/Territories of the Central Caribbean, Central America and International Organizations</td>
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<td>a) comply with the timely implementation of tasks defined in the consolidated Action Plan as detailed in WP/12;</td>
<td>The information for this implementation is presented in the ICAO New Model Flight Plan Form section on ICAO NACC Regional Office website (<a href="http://www.mexico.icao.int/ATM.html#FPL">http://www.mexico.icao.int/ATM.html#FPL</a>)</td>
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<td>b) provide the information on the implementation status of their national implementation plan to the ICAO NACC Regional Office prior to the convening of the Follow-up Meeting/Workshop on the Implementation of the New ICAO Flight Plan Format for NAM/CAR Regions scheduled from 26 to 28 March 2012;</td>
<td>At the follow-up Workshop on the implementation of ICAO New Model Flight Plan Form held on 26 to 28 March 2012, the States presented their plans and implementation status.</td>
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<td>c) take the necessary measures to implement the use of the New ICAO Flight Plan Format on 15 November 2012 at 0600 UTC in the C/CAR and Central American FIRs; and</td>
<td>Global implementation will be at 0000 UTC on 15 November 2012. This will be discussed at the Follow-up Workshop on the Implementation of the New Model Flight Plan Form to be held from 4 to 6 September 2012</td>
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<td>States/Territories of the Central Caribbean, Central America and International Organizations</td>
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<td>d) plan the necessary contingency measures to ensure the user flight plan data exchange in scheduled airspace and international airport operations in the CAR Region, as required.</td>
<td>This will be discussed at the Follow-up Workshop on the Implementation of the New Model Flight Plan Form to be held from 4 to 6 September 2012</td>
<td>States/Territories of the Central Caribbean, Central America and International Organizations</td>
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<td>CNS</td>
<td>IMPROVEMENTS TO AMS COMMUNICATION SERVICES IN THE CAR REGION</td>
<td>That, due to the deficiencies reported in the CAR Region on the AMS communication services (Pacific oceanic airspace: Central American FIR/VHF AMS in the Central Caribbean/Lack of VHF coverage in the Pacific coasts of Mexico FIR/Lack of VHF communication coverage in lower ATS routes), the Central Caribbean and Central American States/Territories involved and IATA,</td>
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<td>CNS</td>
<td>IMPROVEMENTS TO AMS COMMUNICATION SERVICES IN THE CAR REGION</td>
<td>a) coordinate together with ICAO a joint evaluation to thoroughly identify and specify the reported deficiencies by 31 March 2012;</td>
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<td>Central Caribbean and Central American States/Territories involved and IATA</td>
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<td>CNS</td>
<td>IMPROVEMENTS TO AMS COMMUNICATION SERVICES IN THE CAR REGION</td>
<td>b) inform ICAO of other deficiencies detected in the AMS communication service by 31 March 2012;</td>
<td>Due to lack of States responses, a State Letter was circulated Ref. EMX0477 date 4 June 2012. With the answers received and the involved States will be held a teleconference on July.</td>
<td>Central Caribbean and Central American States/Territories involved and IATA</td>
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<td>CNS</td>
<td>IMPROVEMENTS TO AMS COMMUNICATION SERVICES IN THE CAR REGION</td>
<td>c) designate a focal point for the coordination of the activities by 31 March 2012;</td>
<td>The only Point of contact available is for Central America, the point of contact for Curacao, Dominican Republic, Jamaica and Mexico are missing.</td>
<td>Central Caribbean and Central American States/Territories involved and International Organization</td>
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<td>CNS</td>
<td>IMPROVEMENTS TO AMS COMMUNICATION SERVICES IN THE CAR REGION</td>
<td>d) inform ICAO of the solutions and improvements achieved to organize the evaluation activities of these improvements in a joint manner starting with the improvements reported by Curacao for 30 April 2012;</td>
<td>With the received answers (solutions) and involved States on these deficiencies will be held a teleconference on July</td>
<td>Central Caribbean and Central American States/Territories involved and International Organizations</td>
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## Status and Follow-up of Conclusions (C) of the C/CAR/WG Meeting

### APPENDIX B

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<th>Text of Conclusion / Decision</th>
<th>Follow-up and Remarks</th>
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<td>e) define together with ICAO a working Plan for the execution of the activities in a) to d) including the coordination of the evaluations by 30 April 2012; and</td>
<td>During the teleconference an action plan will be agreed for the implementation and review of the solutions</td>
<td>Central Caribbean and Central American States/Territories involved and International Organizations</td>
<td>4/30/2012</td>
<td>Action Plan</td>
<td>Valid</td>
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<tr>
<td>CCARWG9</td>
<td>C 3</td>
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<td></td>
<td>f) inform to the respective forthcoming Meetings of Directors of Civil Aviation (DGAC/CAP and C/CAR/DCA) of the progress, achievements and results of these activities.</td>
<td></td>
<td>Central Caribbean and Central American States/Territories involved and International Organization</td>
<td>7/10/2012</td>
<td>Report on progress, achievements and results of activities</td>
<td>Valid</td>
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<tr>
<td>CCARWG9</td>
<td>C 4 GEN</td>
<td></td>
<td>IMPLEMENTATION OF THE ICAO FUEL SAVINGS ESTIMATION TOOL (IFSET) IN CENTRAL CARIBBEAN AND CENTRAL AMERICA</td>
<td>That, taking into account the Assembly Resolution A37-19, consolidated statement of the continuing ICAO policies and practices related to environmental protection – Climate change, the Central Caribbean and Central American States/Territories report to ICAO the benefits achieved with the implementation of improvements related to the fuel savings every three months from 30 June 2012.</td>
<td>It is expected that States/Territories and International Organizations use the IFSET tool and report the achieved benefits</td>
<td>Central Caribbean and Central American States/Territories</td>
<td>Report every three months from 30 June 2012</td>
<td>Valid</td>
<td></td>
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