



ICAO

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North American, Central American and Caribbean Office

WORKING PAPER

NACC/WG/5 — WP/20
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Fifth North American, Central American and Caribbean Working Group Meeting (NACC/WG/5)
Port of Spain, Trinidad and Tobago, 22-26 May 2017

- Agenda Item 3: Implementation on Air Navigation Matters**
3.4 AGA and MET progress and other regional implementation groups
3.4.1 AGA progress

AGA PROGRESS REPORT

(Presented by the Secretariat)

EXECUTIVE SUMMARY

This working paper presents to the Meeting the activities that the ICAO NACC Regional Office performs in the Aerodromes Field (AGA) aligned with the regional objectives of the NAM/CAR Regional Performance-Based Air Navigation Implementation Plan (RPBANIP) and provides information on the goals and performance indicators to be accomplished in the aerodrome certification process in the CAR Region.

Action:	The suggested action is presented in Section 5.
<i>Strategic Objectives:</i>	<ul style="list-style-type: none">• Safety• Air Navigation Capacity and Efficiency
<i>References:</i>	<ul style="list-style-type: none">• ICAO Annex 14 – Aerodromes, Vol. I – Design and aerodrome operations, sixth edition, July 2013• Third Meeting of the Programme and Projects Review Committee (PPRC/3)• First edition of the revised ICAO Global Aviation Safety Plan (GASP) (Doc 10004; 2013)• CAR Region Safety and Air Navigation Directors Meeting (CAR/DCA/OPSAN), from 18 to 19 February 2014

1. Introduction

1.1 Aligned with the NAM/CAR Regional Performance Objectives (RPOs) of the NAM/CAR Regional Performance-Based Air Navigation Implementation Plan (RPBANIP), the objective for aerodromes is to Enhance Capacity and Efficiency in the Aerodrome Operations (RPO 5) and includes several activities to assist States increasing the number of aerodromes certified in the region, enhance safety, efficient use of aerodrome resources, and the reduction on the number of aerodrome deficiencies.

1.2 The status of aerodrome certification in the CAR Region shows from a total of 154 international aerodromes, 70 aerodromes already certified. The number has increased from 43 aerodromes certified representing 28% (reported during the NACC/WG/4) to 70 aerodromes certified up to date showing 45% of the total. In addition a number of CAR Region aerodromes have either started the certification process or plan to initiate the process in the short-term.

1.3 Many of the difficulties currently faced at aerodromes are operational in nature and to provide guidance material for better orientation of personnel in charge of aerodrome certification in the States, as well as aerodrome operators. ICAO recognized the need to develop the *Procedures for Air Navigation Services – Airports (PANS-AGA)* document with procedures for operational management of aerodromes.

1.4 The proposed PANS-AGA document is basically oriented toward the procedures for all phases of aerodrome certification; content of the aerodrome manual; critical conditions of aerodrome certificates and change management; and creating a new section on aerodrome operations to conduct an assessment of aerodrome compatibility for type of traffic and type of operation for which they are intended.

2. Progress on AGA matters

Progress in the certification of aerodromes

2.1 The following seminars and workshops were undertaken by ICAO in relation with the aerodrome certification process within the training tasks for the personnel in charge of certification:

- ACI APEX Programme to Reina Beatrix International Airport, Aruba, 2-6 March 2015

RST Implementation

- RST implementation to La Aurora International Airport, Guatemala, 13-17 April, 2015
- RST Implementation to José Martí, La Havana, Cuba, 13-15 October 2015

Assistance Missions to States

- Assistance mission to Saint Lucia, 24-26 June 2015
- Assistance mission to San Pedro Sula International Airport in Honduras, 1-3 July 2015
- Assistance visit to Haiti, 21-25 September 2015

AGA Events

- Workshop on Best Practices to Avoid Runway Incursions and Runway Excursions, Mexico City, Mexico, 11-14 August 2015
- CARSAMPAF/13 Meeting, Panama City, Panama, 19-23 October 2015
- ALACPA/12, Cartagena de Indias, Colombia, 16-20 November 2015

CAPSCA Americas Meeting

- CAPSCA Americas Meeting, Panama City, Panama, 14-18 September 2015

USOAP ICVM Activities

- USOAP ICVM to El Salvador, 29 September – 6 October 2015
- USOAP ICVM to Brazil, 9-13 November 2015
- USOAP ICVM to Bahamas, 9-15 December 2015

ICAO NACC AGA Activities 2016

- Meeting with FAA: Planning Future Strategy for Airports NAM/CAR, Washington, United States, 14 January 2016
- CAPSCA Americas ICAO-WHO Coordination Meeting NAM/CAR/SAM, Washington, United States, 15 January 2016
- TEAM Implementation of aerodrome certification, Assistance Mission to Honduras, ICAO/ACI, San Pedro Sula, Honduras, 30 March to 1 April 16
- ICAO/FAA Workshop for Aerodrome Certification Inspector, Kingston, Jamaica 24-26 May 2016
- NCLB Multidisciplinary Technical Assistance Mission to Guatemala, Guatemala City, Guatemala, 30 May to 3 June 2016
- Meeting with DGAC of Mexico and the Airports Groups, ICAO NACC Regional Office, Mexico City, Mexico, 7 June 2016
- ICAO/FAA Workshop for Aerodrome Certification Inspector, 14-16 June 2016, and Follow-Up Technical Assistance Mission TEAM, Aerodrome Certification Implementation, Dominican Republic, 17 June 2016
- ICVM Mission – Asunción, Paraguay, 29 June to 5 July 2016
- CAPSCA Assistance Visit to United States, KATL – Atlanta, Georgia, 15–18 August 2016
- CAPSCA Follow-up Visit to Tegucigalpa, Honduras, 29-30 September 2016
- Seventh Collaborative Arrangement for the Prevention and Management of public health events in Civil Aviation (CAPSCA) Americas Meeting NAM/CAR/SAM, Mexico City, Mexico, 6-9 September 2016

- Fourteenth CAR/SAM Regional Bird/Wildlife Hazard Prevention Committee Meeting and Conference (CARSAMPAF/14), San Pedro Sula, Honduras, 24-28 October 2016
- XIII ALACPA Seminar of Airport Pavements (ALACPA/13) CAR/SAM, Panama City, 28 November to 2 December 2016
- Runway Safety Team (RST) Implementation Mission to St. John's, Antigua and Barbuda, 8-11 November, 2016

3. Goals and performance indicators to be achieved in the certification of aerodromes

3.1 The goals and performance indicators to be accomplished in aerodrome certification in the CAR Region are the following:

- Increase the number of international certified aerodromes based on aerodrome certification plans provided by States of selected aerodromes
- Provide training to personnel in charge of the aerodrome certification process and continuous monitoring tasks
- Develop and implement guidelines including checklists for aerodrome inspectors to conduct internal audits and aerodrome inspections

4. Proposed solutions for Short, Medium, and Long-Term

4.1 In the NACC/WG/4 Meeting, a strategy to support the aerodrome certification process in the CAR Region was proposed including the 5 phases. For the short-term, the certification of aerodromes which meet most of Annex 14, Volume I, Standards and Recommended Practices (SARPs), but require alternatives or mitigation measures after completing the 5 phases of the certification process will be considered and by now is finalized. For the medium and long-term, the project will focus on those aerodromes that do not meet a number of Annex 14, Volume I, SARPs and require further evaluation and analysis for implementation of restrictive operational alternative measures without neglecting safety, after also completing the 5 mentioned phases.

4.2 The aerodromes to be considered for its certification in the short, medium and long-term were determined based on the information provided by States in the CAR Regional Aerodrome Certification Implementation Plan available in http://www.icao.int/NACC/Pages/ES/edocs-aga_ES.aspx.

4.3 For effective implementation of the aerodrome certification in the short, medium and long-term, the following deadlines have been established:

- Short-term – 2014 to 31 December 2016. Number has increased to 70 aerodromes certified representing 45%.
- Medium-term - 1 January 2017 to 31 December 2019. Increase to 60%.

- Long-term - 1 January 2020 to 31 December 2022

DRAFT CONCLUSION**NACC/WG/5/XX:****CAR Aerodrome Certification Plan**

That, in order to support and assist States/Aerodromes in the CAR Aerodrome Certification process, the CAR States/Territories should send to the ICAO NACC Regional Office a Plan for the certification of their aerodromes, no later than 15 August 2017.

5. Suggested Actions

5.1 The Meeting is invited to:

- a) take note of the information presented in this working paper;
- b) review and approve the draft conclusion presented in Section 4; and
- c) support the initiative of the aerodrome certification tasks and activities with the participation of AGA experts in ICAO events.