



ICAO

International Civil Aviation Organization
North American, Central American and Caribbean Office

WORKING PAPER

NACC/WG/AGA/TF/2 — WP/09
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Second North American, Central American and Caribbean Working Group (NACC/WG) Aerodromes and Ground Aids (AGA) Implementation Task Force Meeting (NACC/WG/AGA/TF/2)
Mexico City, Mexico, 15 to 17 May 2024

Agenda Item 8: Emergency Planning and Contingency

PROJECTS TO SUPPORT EMERGENCY PLANNING AND CONTINGENCY

(Presented by the Secretariat)

EXECUTIVE SUMMARY	
This working paper presents the initiatives, events and project to support Emergency Planning and Contingency.	
Action:	See section 3
Strategic Objectives:	<ul style="list-style-type: none">• Strategic Objective 1 – Safety• Strategic Objective 2 – Air Navigation Capacity and Efficiency
References:	<ul style="list-style-type: none">• Annex 14, VOL I• Doc 9137 Part 7- Airport Services Manual Airport Emergency Planning• Doc. 9750 - ICAO Global Air Navigation Plan (GANP)• Handbook on the Global Performance of the Air Navigation

1. Introduction

1.1 The continuity of air operations is of vital importance for States, since various economic activities rely directly on them, while they also have strategic importance to meet different fundamental needs for the sustainability of the peoples.

1.2 Although the scenarios of contingencies and crisis situations are so wide-ranging that it is almost impossible to address them exhaustively, adequate preparation has shown to have a very positive impact in responding to them.

1.3 The ICAO NACC Regional Office maintains its focus on the resilience of the civil aviation system of the CAR/SAM Regions, promoting activities that allow the development and strengthening of States response capabilities, as well as the coordination of the different initiatives that affect in the States accredited to this Office.

2 Efforts on Contingency and Crisis Management in the CAR Region

2.1 There are several regional cooperations and initiatives in the CAR Region for better preparedness and response to emergency and disaster events, and for humanitarian assistance. See below the different initiatives:

- **CAR Contingency and Emergency Response Coordination Team (CAR CERT)** is the mechanism on which ICAO relies for the fulfilment of its responsibilities regarding the planning and response to contingencies that impact the CAR Region. The CAR CERT membership is comprised by States, Territories and International Organizations that provide Air Traffic Services in the CAR Region, and the ICAO NACC Regional Office serves as the CAR CERT Secretariat.
- **Humanitarian Assistance and Disaster Response in Aviation (HADRA)** is made up of an Expert Group on humanitarian assistance and aviation disaster response, chaired by ICAO, in which it has been working alongside humanitarian/crisis response partners to implement tools that will allow first responders to plan relief operations more efficiency, while ensuring your humanitarian and aviation stakeholders have reliable information critical to crisis planning and response. The objective of the HADRA is to enhance preparedness and response capabilities of States, aviation stakeholders and humanitarian stakeholders in the event of a disaster. The activities the group undertakes is intended to incentivize the integration of airport preparedness in countries' disaster preparedness planning and other sectoral programs of relevance.
- **Caribbean Aviation Resilience and Recovery Group (CARRG)** is coordinated by the Federal Aviation Administration's Office of International Affairs (FAA), from United States, with the International Civil Aviation Organization North America, Central America, and the Caribbean Regional Office (ICAO NACC) and Airports Council International-Latin America (ACI-LAC), to address foundational aspects that would enable airport operators to respond to an emergency. In 2019, the United States and 16 Caribbean states signed a Declaration of Intent (DOI) creating the CARRG seeking to strengthen coordination on aviation resilience and recovery from emergency events in the Caribbean.
- **Get Airports Ready for Disaster (GARD)** is a public-private partnership between the United Nations Development Programme (UNDP), Deutsche Post DHL (DP DHL) and Airports Council International (ACI) to address the need for enhanced airport preparedness and response capacity in disaster situations. GARD prepares airports as logistics hubs in the event of disaster, by assessing airport capacities to manage the influx of humanitarian aid and personnel in disaster response situations; training airport staff and disaster responders on how to manage this influx; and helping authorities to develop an action plan to increase the response capacity and guide response operations at the airport.

- **CADENA** is CANSO Air Traffic Flow Management Data Exchange Network for the Americas, which started in 2016. The CADENA partnership has 16 air navigation service providers (ANSPs), 19 airlines, four international organizations and regional stakeholders as its members. The benefit of the platform is information sharing among this community, which improves coordination, enhances common situational awareness, and allows for better decision making among the regional aviation community, especially in emergency and contingency situations.
- **Aviation Safety Campaign** is an event that takes place every year, under the coordination of World Food Programme (WFP), ICAO, FAA, ACI-LAC and IATA. The Campaign is part of a continuous effort to raise safety awareness worldwide, improve disaster response preparation and discuss state oversight challenges in Central America and the Caribbean region and sensitize delegates on selected key topics.

2.2 For a better understanding of the performance and complementarity of each of these initiatives, below is a diagram considering the phases of an emergency and contingency event:



2.3 In view of the execution of these initiatives by different institutions with different States and providers of airport and air navigation services, the NACC ICAO has been making efforts to better coordinate these initiatives for the benefit of the States and Territories of the CAR Region.

3. Discussion

3.1 To support States and aerodromes in how to better prepare the civil aviation system to management of emergency and contingency events, to consequently be prepared for humanitarian assistance and response to disasters:

- Fourth NAM/CAR Regional Contingency and Emergency Planning and Response Meeting (NAM/CAR/CONT/4), 28 May 2024, Online.
- Disaster Preparedness in Airports/Strategic Ports 2024, part of the Ports and Communities Disaster Preparedness and Resilience Program (C-PreP) with the support of FedEx, Puerto Plata, República Dominicana, 23 - 24 May 2024.
- Aviation Safety Campaign & Workshop - Collaborating for effective Disaster Response and Preparedness: Joint World Food Programme (WFP), Airports Council International Latin America Caribbean (ACI-LAC), International Air Transport Association (IATA), and the International Civil Aviation Organization (ICAO) North American, Central American and Caribbean (NACC) Regional Office, Miami, United States, 16 to 18 July 2024.

3.2 Additionally, the following project were submitted for approval through the Multi-Regional Civil Aviation Assistance Programme (MCAAP):

- Development of guidance material with best practices for States and airports to prepare for natural disasters (**Appendix A**).

3.3 This project will be analysed and approved, if possible, at the Eleventh Meeting of the RLA09801 Multi-Regional Civil Aviation Assistance Programme (MCAAP) Project Steering Committee, Placencia, Stann Creek District, Belize, July 10, 2024.

4. Suggested Action

4.1 The Meeting is invited to:

- a) Take note of the information presented in this WP;
- b) The AGA/TF to take action to promote that international aerodromes are adequately prepared to manage emergency and contingency events; and
- c) Other actions that the meeting considers necessary.

MCAAP ACTIVITY PROPOSAL FORM

Rev. MAR2024

MCAAP Proposal Activity N.

06 - 2024

Focus Area: 2 - Improve Regional Capacity and Efficiency

Event/Activity title:	Development of guidance material with best practices for States and airports to prepare for natural disasters		
Problem statement (opportunity):	There is no guidance material with best practices in emergency plans for States and airports on how to prepare for natural disasters (such as hurricanes and earthquakes). Mainly, in the current context of climate change that is intensifying events such as hurricanes and storms.		
Proposed solution (activity):	Hire one Subject Matter Expert (SME) to develop guidance material with best practices for States and airports on how to prepare for natural disasters (such as hurricanes and earthquakes). The SME will be working virtually along 20 business days. This expert will work together with the two CARRG experts on the development and achievement of this proposal	Language of the event	Not applicable
		Requires interpretation	<input type="checkbox"/>
		Requires document translation	<input checked="" type="checkbox"/>
Objective:	Promote the mitigation of operational impacts at airports; Encourage safety oversight and compliance with the Standards and Recommendations of the International Civil Aviation Organization (ICAO).	ICAO Strategic Objectives	Choose an item.
Justification:	The Caribbean and Central America frequently have events such as hurricanes and tornadoes, which impact airport operations and can lead to incidents and accidents with loss of life, especially in a context of climate change where these events have become more intense and of greater magnitudes. Therefore, being prepared with an airport emergency plan that addresses these issues is important to minimize negative impacts.		
If the activity is a step of a larger action, describe the action	It is a step in the action that was agreed upon by the ICAO Council as a list of priority interest areas, the ICAO response mechanism/framework to crisis situations. Additionally, it is a project in coordination with the work of the Caribbean Aviation Resilience and Recovery Group (CARRG), which will also be supported by two (2) U.S. specialists in airport emergencies in the face of natural disasters		
Deliverables/expected outcomes:	Regional guidance material on emergency plans, and a webinar with a presentation and discussion on how to use the material to minimize impacts at airports due to emergency events due to natural disasters/severe weather.	Follow-up actions:	Host follow on webinar to see States plans developed from the guidance material; Support the assessment of their implementation in a natural disaster/severe weather event
States impacted by the activity:	All States in the CAR Region		Estimated impact on E1%: 1% AGA
Local (of execution of activity)	Personnel (representing cost to the Project)	Period/Duration (w/days)	Estimated cost to the Project
Virtual	1 Subject Matter Expert (SME)	20 working days	USD 9,500
Proponent	Details	Details	Details
RO/AGA ...	NIL	NIL	USD 7,000 salary (considering USD 350 per day)+ USD 2,500 for document translation