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Tulum, Mexico, from 8 to 12 September 2025

Agenda Item 4: Presentation of NACC/WG Task Forces

MAIN OFFICE OF METEOROLOGICAL WATCH IN CUBA, FACILITIES AND SERVICES

(Presented by the Rapporteur of the TF COMM)

EXECUTIVE SUMMARY	
This note summarizes the functions performed by the Main Office of Meteorological Surveillance (OPVM) in the Air Navigation Services Provider (ANSP) of Cuba.	
Action:	Suggested actions are listed in section 3
<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">• Third Meeting of Rapporteurs of the Working Group on North, Central America and the Caribbean (NACC/WG/RAP/03)

1. Introduction

1.1 The Cuban Air Navigation Company (ECNA S.A.), as an Air Navigation Services provider, has been designated by the Institute of Civil Aeronautics of Cuba (IACC), to provide meteorological service to national and international air navigation. The fundamental mission is to provide the necessary information to guarantee the meteorological surveillance of the Flight Information region of the Republic of Cuba, as well as to prepare aeronautical weather forecasts, contributing to the safety, regularity and efficiency of air navigation. This purpose is achieved by providing operators, flight crew members, air traffic services, search and rescue units, airport administrations and others interested in the operation and development of air navigation, with the meteorological information necessary for the performance of their respective functions as set out in Annex 3

2. Discussion

2.1 The main functions of the Main Meteorological Surveillance Office (OPVM) in Cuba include:

- Prepare forecasts for the area of the FIR of CUBA and other information pertinent to air navigation.
- Prepare forecasts of local weather conditions and maintain continuous monitoring of national and international aerodromes.
- Prepare and disseminate SIGMET information as reflected in the Air Navigation Plan for the Caribbean and South America Regions
- Maintain vigilance for weather conditions affecting flight operations.
- Provision of information to the Havana Air Control Center.
- Provide the information received on volcanic activity that is a precursor to eruptions, volcanic eruptions and volcanic ash clouds for which a SIGMET message has not yet been issued, to the Havana ACC.
- Provide information on the release of radioactive materials into the atmosphere received from the WMO Regional Specialized Meteorological Centres or the International Atomic Energy Agency.
- Ensure that all information available for flight documentation is provided to the AIS/MET office.
- Exchange meteorological information with other national and international meteorological offices.9. Activate the plan against tropical phenomena in case of occurrence, prepare and disseminate the informative notes, warnings and special notices corresponding to the authorities and other aeronautical interests.
- Aeronautical Climatology Service
- Provide a weather briefing to key users of the OPVM

2.2 The Main Meteorological Surveillance Office in Cuba has the following Technical Advisory Centers:

- WAFC World Area Prediction Center
- TCAC Tropical Cyclone Warning Center
- VAAC Volcanic Ash Warning Center
- SWXC Space Weather Center

2.3 The Main Meteorological Watch Office in Cuba is interested in:

- To present the procedures regarding the exchange of meteorological information between the Main Meteorological Surveillance Office (OPVM) in the Flight Information Region (FIR) of Havana and the Meteorological Surveillance Office (MWO) in the Merida FIR. The document establishes the coordinations for the exchange of SIGMET meteorological information in the event of a contingency, between both offices. The procedures set out in the Letter of Agreement shall apply to the actual or anticipated occurrence of certain en-route meteorological phenomena and other phenomena in the atmosphere, which may affect the safety of operations, in particular, when en-route meteorological phenomena extend or are expected to extend beyond the area of responsibility specified for both offices, with the purpose of ensuring the harmonized provision of SIGMET information and contributing to the safety, regularity and efficiency of air navigation, in accordance with the provisions of ICAO Annex 3.

- Achieve the exchange of updated meteorological information through specialized training, delving into Aeronautical Meteorology topics such as AIRMET messages and in this way gain knowledge for its future implementation in the aeronautical meteorological service of Cuba.

3. Recommended Actions

3.1. The Meeting is invited to:

- a) review the information presented in this Working Paper;
- b) To carry out any other action deemed appropriate