Tenth Eastern Caribbean Network Technical Group and Eighth Eastern Caribbean Radar Data Sharing Ad hoc Group Meetings (E/CAR/NTG/10 & E/CAR/RD/8)
Online, 6 to 7 September 2021

Agenda Item 3:   Operation and Performance of the E/CAR Aeronautical Fixed Services (AFS) Network
    3.1   Network Performance and General Aspects

OVERVIEW OF PERFORMANCE EVALUATION OF THE E/CAR AFS NETWORK UNDER THE ECCAA

(Presented by ECCAA)

<table>
<tr><td colspan="2" align="center">**EXECUTIVE SUMMARY**</td></tr>
<tr><td colspan="2">This Working Paper provides an overview of performance evaluation of the E/CAR AFS network under the ECCAA.</td></tr>
<tr><td>**Action:**</td><td>Suggested actions are presented in Section 3.</td></tr>
<tr><td>*Strategic Objectives:*</td><td>• Safety
• Air Navigation Capacity and Efficiency
• Economic Development of Air Transport
• Environmental Protection</td></tr>
<tr><td>*References:*</td><td>• E/CAR/NTG/09 & E/CR/RD/7 Meetings</td></tr>
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1.   Introduction

1.1   This Working Paper provides an overview performance evaluation of the E/CAR AFS network for the past (12) months as it pertains to the OECS States including the British Overseas Territories of Anguilla and Montserrat.

1.2   Reports from the States indicate the network was reliable and outages on both the speech and data circuits were at a minimum both in duration and frequency of occurrence.

2.   **Analysis of performance of the network**

2.1   The network met its objectives in providing stable and reliable direct speech and data communications for the ATS units in the OECS states. The node equipment at all airports is serviceable and with the exception of two (2) states is fully redundant. The Cronos terminal at George F L Charles airport was damaged on 21 August 2021 during a lightning storm. All other CADAS and Cronos terminals are serviceable.

3.   **Conclusion/Recommendation**

3.1   A plan is in place to upgrade the current node equipment.

4.   **Suggested actions**

The Meeting is invited to:

a)   Take note of the information presented in this working paper;

b)   analyse the failure reports for identifying improvements; and

c)   take any other action that the Meeting considers appropriate.

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