



ICAO

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

WORKING PAPER

ADS-B/OUT/M — WP/02 Rev.  
21/08/19

**Automatic Dependent Surveillance – Broadcast OUT Implementation Meeting for the  
NAM/CAR Regions (ADS-B/OUT/M)  
Ottawa, Canada, 21-23 August 2019**

**Agenda Item 2: Update Status ADS-B Implementation for States**

**2.1 Review of Previous conclusions, ADS-B implementation, Mexico City,  
November 2018**

**REVIEW OF PREVIOUS CONCLUSIONS,  
ADS-B IMPLEMENTATION, MEXICO CITY, NOVEMBER 2018**

(Presented by the Secretariat)

<b>EXECUTIVE SUMMARY</b>	
This working paper presents a review of the list of valid conclusions/decisions from previous meetings related to the implementation of ADS-B and activities agreed by the Surveillance Task Force.	
<b>Action:</b>	Suggested actions are in item number 3 of this WP.
<i>Strategic Objectives:</i>	<ul style="list-style-type: none"><li>• Safety</li><li>• Air Navigation Capacity and Efficiency</li></ul>
<i>References:</i>	<ul style="list-style-type: none"><li>• Automatic Dependent Surveillance – Broadcast (ADS-B) Implementation and Regulation Meeting for the NAM/CAR/SAM Regions (ADS-B/LEG), Mexico City, Mexico, 26-30 November 2018</li></ul>

**1. Introduction**

1.1 During the last two years, two meetings have been held in order to discuss the aspects related to the ADS-B implementation and the actions to be developed by States to ensure the mandatory implementation of the ADS-B in United States.

1.2 Furthermore, within the NAM/CAR Region Surveillance Task Force, a series of activities were agreed, with the objective to support the AIDC implementation, to provide oversight data in the areas of coordination among FIRs and to reduce the occurrence of LHD in the Caribbean area and among the CAR/SAM coordinations.

**2. Status of the Decisions and Conclusions**

2.1 The **Appendix** to this Working Paper contains a detailed list of agreed activities to be developed in order to face the challenges regarding safety, support for the coordinations among FIRs and support for the implementation of the automated AIDC and NAM/ICD protocols.

2.2 One of the most important activities that was agreed during the previous meeting was that CAR States would analyse the operational impact that the ADS-B mandatory implementation in United States could cause in their operations due to both, their direct coordinations with United States or the airlines with national flag that have direct operations between CAR States and North America.

**3. Suggested actions**

3.1 The Meeting is invited to:

- a) review the information provided on Appendix A to this WP,
- b) provide, from States, the corresponding information still to update related to the status of pending activities,
- c) that, during the Surveillance Task Force meeting, activities be updated whether they require action or not, in accordance to the region's need,
- d) any other required action.

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**STATUS OF THE DECISIONS AND CONCLUSIONS**

ITEM	TASK	DELIVERABLE	STARTING DATE	ENDING DATE	STATUS
1	ADS - B trials in States that have not yet carried them out	Resulting statistics of the trials	30/10/14	31/12/19	Information update from States is expected on August 2019
2	ADS-B trial statistics collection	Trial statistics	30/10/13	31/12/19	Information update from States is expected on August 2019
3	CONOPS review and updating	CONOPS	26/11/18	31/01/19	Finalized
4	Feasibility study on the use of satellite ADS-B	Feasibility study on the use of satellite ADS-B	30/11/2018	30/04/2019	Information update from States is expected on August 2019
5	Support the implementation of surveillance data sharing	Summary table of the implementation status	26/5/17	31/12/20	60% implemented at CAR level
6	Developing of a guide for the planning of acquisition of surveillance systems	Guide for the planning of surveillance systems	29/11/18	31/01/19	Still pending
7	Start the process of implementation of the new surveillance systems (ADS-B, ADS-C, CPDLC, MLAT and WAM)	Implementation Regional Plan	1/1/20	1/1/23	Still pending
8	Notify the implementation plans.	States Progress table updating	29/5/17	29/5/19	Information update from States is expected on August 2019
9	Report the progress of the implementations	States Progress table updating	31/7/17	29/5/19	Information update from States is expected on August 2019

ITEM	TASK	DELIVERABLE	STARTING DATE	ENDING DATE	STATUS
10	Required national regulations for the implementation of the new surveillance systems.	States Progress table updating	29/11/18	31/12/19	Information update from States is expected on August 2019
11	Achieve 100% of the surveillance coverage required by the PBN in each FIR.	AIP publication	26/5/17	31/12/20	Information update from States is expected on August 2019
12	ADS-B Implementation Guide development	ADS-B Implementation Guide	26/11/2018	28/02/2019	Still pending

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