



ICAO

*International Civil Aviation Organization*

**Thirteenth Meeting of the Asia/Pacific Air Traffic Flow Management Steering Group (ATFM/SG/13)**

Bangkok, Thailand, 03 – 07 April 2023

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## **Agenda Item 5: A-CDM Operations and A-CDM/ATFM Integration**

### **A-CDM OPERATIONS AND A-CDM/ATFM INTEGRATION**

(Presented by Malaysia)

#### **SUMMARY**

This paper presents the status of A-CDM implementation and A-CDM/ATFM Integration in Kuala Lumpur International Airport (KLIA)

## **1. INTRODUCTION**

1.1 Official commencement date for the A-CDM implementation project in Kuala Lumpur International Airport (KLIA) has been started in April 2022 and is targeted to be completed in Quarter 1 (Q1) 2024.

1.2 This paper aims to share the progress and status of A-CDM implementation and A-CDM/ATFM Integration in Kuala Lumpur International Airport.

## **2. DISCUSSION**

### A-CDM Implementation in Kuala Lumpur International Airport (KLIA)

2.1 KLIA is adopting the EUROCONTROL A-CDM concept elements and milestones related to it, however KLIA's A-CDM step-by-step milestones are based on KLIA's working and cultural environment, relationship, and operational objectives.

2.2 The solution is based on EUROCONTROL A-CDM concept of 16 milestones approach as well as ICAO DOC 9971 Guidelines. Any other relevant elements related to the implementation of A-CDM according to compliances and/or recommendation from EUROCONTROL, ICAO and Civil Aviation Authority of Malaysia (CAAM).

2.3 The project involves the enablement of related stakeholders, such as airport, air traffic control, airlines and ground handler, into a unified platform to achieve the coordinated decision-making purpose of airport operation and management.

2.4 The key scopes are Process & Procedure Development, Awareness & Training, Change Management Activities, A-CDM Information Portal & Display installation at Ramp Area.

2.5 The current status of the project, we have completed 65% of works. Plan to conduct operational trials in Q4 2023 and go-live by the end of Q4 2023/Q1 2024. CAAM is committed in ensuring A-CDM readiness for KLIA by Q1 2024 and with a future undertaking for ATFM Integration.

A-CDM/ATFM Integration

2.6 Integration of A-CDM and ATFM is a powerful tool for improving efficiency and reducing delays in the aviation industry. By integrating A-CDM with CAAM ATFM, airlines can receive real-time information about airport operations, including runway and gate availability, which helps them to adjust their flight schedules accordingly. This, in turn, helps to optimize air traffic flow and reduce delays.

2.7 CAAM is currently engaged in the rigorous testing and proficient management of the ATFM system. The anticipated timeline for the completion of this project is the Q4 2023. Furthermore, CAAM has planned to execute a comprehensive investigation into the integration of these separate systems, with a targeted completion date of Q3 2024.

**3. ACTION BY THE MEETING**

- 3.1 The meeting is invited to:
- a) note the information contained in this paper; and
  - b) discuss any relevant matters as appropriate.

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