



ICAO

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Fifteenth Meeting of the Asia/Pacific Air Traffic Flow Management Steering Group (ATFM/SG/15)

Bangkok, Thailand, 28 April – 02 May 2025

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 Commencement date for the Operational Trial for A-CDM operations in Kuala Lumpur International Airport (KLIA) was in January 2024 and was officially operating with A-CDM in October 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 A-CDM operations in KLIA had undergone Operational Trial for 8 months, starting from 22 January 2024 till 02 October 2024. KLIA was officially operated as A-CDM airport effective from 03 October 2024.

2.2 A dedicated team has been formed to monitor the A-CDM operations around the clock. The key areas of monitoring are Flight information (flight number, schedule, gate etc), Flight plan submission, Target Off Block Time (TOBT) and Target Start-up Approval Time (TSAT).

2.3 We are currently monitoring the performance of all stakeholders by referring to the Asia Pacific Airport Collaborative Decision Making (A-CDM) Implementation Plan (Second Edition) as guideline.

2.4 We are finalizing the Performance Framework together with all the stakeholders involved. Knowing that it is vital to establish a baseline to measure against, we are in the midst of analyzing the performance during the first 6 months of A-CDM operations as a baseline to measure performance improvements.

2.5 Engagement and improvement are ongoing to continue the collaborative effort. Steering Committee Meetings, workshops and refresher training have been organized to ensure the sustainability of A-CDM operations in KLIA.

2.6 Moving forward, a number of initiatives have been drafted which focus on gap analysis, compliance and performance, establishing the targets and possible addition of KPIs.

A-CDM/ATFM Integration

2.7 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 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.

2.8 Malaysia is presently engaged in a collaborative effort with Thailand for the deployment of the Air Traffic Flow Management (ATFM) system. Operational training and system testing are scheduled to take place between the third and fourth quarters of 2025. The project is targeted for completion by the end of the fourth quarter of 2025, with the official commissioning and launch anticipated in January 2026.

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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