

**ICAO**

Fifth Meeting of the Asia/Pacific Airport Collaborative Decision Making Task Force (APA-CDM/TF/5)

*Video Conferencing, 15 to 17 June 2020***Agenda Item 3: State A-CDM Planning and Implementation Updates****STATUS OF A-CDM IMPLEMENTATION IN INDIA**

(Presented by India)

SUMMARY

Airports Authority of India has successfully implemented Airport Collaborative Decision Making (A-CDM) at high density and mid-sized Airports in India.

This paper presents an overview of Airport Collaborative Decision Making system implementations, undertaken by Airports Authority of India's (AAI) in-house experts.

1. INTRODUCTION

1.1 Airports Authority of India (AAI) took initiative in 2013 for establishing A-CDM for stakeholders of Chhatrapati Shivaji Maharaj International Airport (CSMIA) which is one of the busiest single runway operations airports in the world. The first phase of the A-CDM operations was launched on December 10, 2015 with details in AIP supplement 82/2015. The AIP supplement has been incorporated in e-AIP ver2.0, w.e.f. 1st June 2018. The system has become one of the essential tools in achieving smooth and efficient operations for CSMIA Mumbai.

1.2 Seeing the success of A-CDM system at CSMIA, Mumbai, Airports Authority of India decided to implement the system at Chennai and Kolkata airports in India in line with ICAO ASBU and Civil Aviation Policy of Government of India.

1.3 The Ministry of Civil Aviation and AAI planned to implement A-CDM system at Jaipur, Ahmedabad, Guwahati and Trivandrum airports during 2019-20. All these four airports have annual air traffic movements in the range of 35,000 to 80,000 that includes both domestic and international movements.

1.4 At the time of taking the decision for implementation, the ever-increasing demand and the projected figures of growth rate indicated that these airports will soon cross the 100,000 annual movements mark.

2. DISCUSSION

2.1 Chhatrapati Shivaji Maharaj International Airport is the second busiest Airport in India in terms of aircraft movements and total passenger traffic. The airport operator is Mumbai International Airport Limited (MIAL). The Air Navigation Service Provider (ANSP) is AAI.

2.2 The airport has two crossing runways and handles around 360,000 aircraft movements with 50 million passengers per annum. Since the commissioning of A-CDM from December 2015, the stakeholders have been benefitted in multiple ways.

2.3 Chennai Airport is operated by AAI. The ANSP services are also provided by AAI. The airport has two crossing runways and handles around 180,000 aircraft movements with 23 million passengers per annum.

2.4 Chennai Airport was taken up for A-CDM system implementation by AAI. The system was commissioned at Chennai Airport on May 24, 2018.

2.5 Netaji Subhash Chandra Bose International (NSCBI) Airport, Kolkata is operated by AAI. The ANSP services are also provided by AAI. The airport has two parallel runways and handles around 166,000 aircraft movements with 22 million passengers per annum. The system was commissioned at NSCBI Airport, Kolkata on August 11, 2018.

2.6 Jaipur International Airport is operated by AAI. The ANSP services are also provided by AAI. The airport has single runway operations and handles around 48,000 aircraft movements with 5.5 million passengers per annum. The system was commissioned at the airport on October 12, 2019.

2.7 Sardar Vallabhbhai Patel International (SVPI) Airport, Ahmedabad is operated by AAI. The ANSP services are also provided by AAI. The airport has single runway operations and handles around 80,000 aircraft movements with 11.5 million passengers per annum. The system was commissioned at the airport on January 26, 2020.

2.8 Lokpriya Gopinath Bordoloi International (LGBI) Airport, Guwahati is operated by AAI. The ANSP services are also provided by AAI. The airport has single runway operations and handles around 50,000 aircraft movements with 5.5 million passengers per annum. The system was commissioned at the airport on January 26, 2020.

2.9 Trivandrum International Airport is operated by AAI. The ANSP services are also provided by AAI. The airport has single runway operations and handles around 35,000 aircraft movements with 4.5 million passengers per annum. The system was commissioned at the airport on January 26, 2020.

2.10 Indira Gandhi International (IGI) Airport, New Delhi is operated by Delhi International Airport Limited (DIAL). The ANSP services are provided by AAI. The Airport has three runways and handles around 460,000 aircraft movements with 70 million passengers per annum. The A-CDM System at this Airport was developed by the Airport Operator with the support of AAI and was commissioned in 2014.

2.11 Airport Operators of the following Airports are in discussions with AAI for implementation of A-CDM System at their airport:

- a. Rajiv Gandhi International Airport, Hyderabad;
- b. Kempegowda International Airport, Bengaluru; and
- c. Cochin International Airport, Cochin

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) Note the information provided in the paper; and
- b) Discuss any relevant matter as appropriate.