



ICAO

*International Civil Aviation Organization*

**Twenty-First Meeting of the ICAO Aeronautical Information Services – Aeronautical Information Management Implementation Task Force (AAITF/21)**

Bangkok, Thailand, 19 – 22 May 2026

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## Agenda Item 4: AIS-AIM Updates

### **RELEASE AND TRIAL OPERATION OF CHINA AIP DATASET**

(Presented by China)

#### **SUMMARY**

This paper presents the development, release and trial operation of China's Aeronautical Information Publication (AIP) dataset product. It introduces the implementation arrangements, technical specifications and standards, product structure, and publication and feedback mechanisms.

## **1. INTRODUCTION**

1.1 With the transition from Aeronautical Information Services (AIS) to Aeronautical Information Management (AIM), the provision of structured and digital aeronautical data has become increasingly important.

1.2 China has developed an AIP dataset product to provide standardized, machine-readable aeronautical information in support of digital data applications and operational needs.

1.3 This information paper aims to notify the meeting of the release of the China Aeronautical Information Publication (AIP) dataset product and the launch of its trial operation, specify the implementation arrangements, usage specifications, technical standards, access channels and feedback mechanism for this trial operation, as well as future development considerations.

## **2. DISCUSSION**

### Implementation Schedule

2.1 The China AIP dataset has been officially released and its trial operation was published through Aeronautical Information Circular (AIC No. 02/2026).

2.2 The trial operation has been effective since AIRAC Cycle Nr.2601(202601211600 UTC). The end date of the trial operation and arrangements for full operation deployment are expected to be announced separately through Aeronautical Information Circular (AIC) in early 2027.

2.3 During the trial period, the relevant competent authority of China will continuously monitor the operational performance, collect and respond to user feedback, and optimize product specifications and data quality to support future operational deployment.

### **Technical Specifications and Release Details**

2.4 **Data Scope.** The scope of the released AIP data set complies with the requirements of Section 5.3.3.1.1 of the Procedures for Air Navigation Services - Aeronautical Information Management (PANS-AIM, Doc 10066) The relevant data mapping relationships are provided in Annex B of the Data Product Specification (DPS).

2.5 **Product Structure.** The dataset product consists of the Data Product Specification (DPS) and corresponding dataset files. The DPS is provided in both Chinese and English. The dataset files are released in a standardized packaged format (zip), including Baseline data files, Difference data files and relevant verification files. This structure supports efficient data distribution and management.

2.6 **Applicable Standards.** The dataset files comply with the Aeronautical Information Exchange Model (AIXM) Version 5.1.1, and are provided with a supporting data Checklist and data integrity verification mechanism (Checksum). Detailed technical specifications are provided in the released DPS. This enables system-to-system data exchange and enhances interoperability.

2.7 **Release and Update Cycle.** The baseline dataset will be updated strictly in accordance with the AIRAC cycle, consistent with the AIP updates. Supplementary dataset and data errata will be released in a timely manner according to actual operational needs.

### **Publication and Feedback Channels**

2.8 The relevant Data Product Specification (DPS), dataset files, update notices and other related information of China's AIP dataset are published through China's official eAIP platform: <https://www.eaipchina.cn/dataset>.

2.9 A dedicated feedback channel has been established to collect user comments, technical suggestions and operational feedback during the trial operation period: email: [dataset@aischina.com](mailto:dataset@aischina.com).

## **3. ACTION BY THE MEETING**

3.1 The meeting is invited to:

- a) note the information contained in this paper.

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