



**INTERNATIONAL CIVIL AVIATION ORGANIZATION  
WESTERN AND CENTRAL AFRICAN OFFICE**

**FOURTH MEETING OF THE AFI REGION AIS/MAP TASK FORCE  
(Dakar 18-19 April 2007)**

**Agenda Item 2. Status of implementation of the ICAO requirements in the AIS/MAP field in the AFI Region (Deficiencies)**

**Summary**

This paper summarizes ICAO requirements for Aerodrome AIS Units having the responsibility for Pre-flight Information Service. Comments are included regarding the implementation of this service, compliance with the related ICAO SARPs and AIS part of the Air Navigation Plan.

**Reference material**

AIS/MAP/TF/3 – Report  
Annex 15 – Aeronautical Information Services  
Doc.8126 – AN/872 – Aeronautical Information Services Manual  
Doc.9702 – AFI/7 RAN meeting report  
APIRG/15 – Meeting Report

**1. General Requirements**

1.1 Annex 15 and the AIS Manual state that at any aerodrome normally used for international air operations, aeronautical information essential for safety, regularity and efficiency of air navigation and relative to the route stages originating at the aerodrome of departure and covering all route segments to the final destination shall be made available to flight operations personnel, including flight crews and services responsible for pre-flight information.

1.2 In order to meet this requirement, pre-flight information services shall be provided at all aerodromes designated for regular use or alternate use by international scheduled air transport as listed in the AFI Air Navigation Plan (Doc.7474).

1.3 The information that shall be available for pre-flight planning purposes is set forth in detail in the AIS Manual paragraph 5.4 and, in general, shall comprise operational information relating to the airports of departure, arrival and any alternate, and to all of the FIRs overflown as follows:

- a) Aeronautical Information Publications (AIPs);
- b) NOTAM (decoded) including AIRAC;
- c) Aeronautical Information Circulars (AIC);
- d) AIP Charts (eg. Approach and Aerodrome Charts, Enroute, WAC and small scale planning charts);
- e) Additional Information on the serviceability of the aerodrome of departure as required in Annex 15, para 8.2.1.

1.4 It should also be noted that Annex 15, paragraph 8.1.3, requires a summary of current NOTAM and other information of urgent character to be made available to flight crews in the form of plain language pre-flight information bulletin.

## **2. Pre-Flight and Post Flight Information :**

2.1 It is necessary to note the requirements for the provision of pre-flight and post-flight information services at any aerodrome/heliport normally used for international air operations. It is noted that with the current facilities offered, many pilots have started to make use of the commercial facilities available, which supply a product that demands an integrated and tailored briefing package. However, many users see only the information issued by the State Authority as being the official and correct data.

2.2 In the future it is envisaged that pre-flight briefing will be extended to the provision of pre-flight briefings directly to the flight deck of aircraft. This would enable the pilot to be provided with briefing information throughout the gate-to-gate operation of a flight. It would then be a natural progression to further extend this facility to include in-flight updates of aeronautical and meteorological information on the flight deck.

## **3. Post –Flight Information**

3.1 Annex 15 para. 8.3 requires States to ensure that arrangements are made at aerodromes/heliports to receive post-flight information which has the purpose to ensure that inadequacies of facilities essential to the safety of flight operations, and the presence of birds on or around the airport constituting a potential hazard to aircraft operations, observed by a pilot during the flight, are reported without delay to the authority responsible for those facilities.

3.2 In this regard, it should be noted that after landing a pilot wishing to confirm in writing any observations reported on the ATS frequencies or wishing to make an initial report, may do so at the aerodrome/heliport AIS unit, where a post-flight report form should be available. It should be noted that a specimen post-flight report form is available in the AIS Manual (Doc. 8126, Sixth Edition, Figure 8-9)

## **4. Aerodrome AIS Units**

4.1 Aerodrome AIS Units are responsible for providing the requirements indicated in paras. 1.3 and 1.4 above and, in today's context of manual handling of AIS data, should be located in close proximity to other airport flight plan services and to airline flight operations offices in order to facilitate the performance of their pre-flight functions.

## **5. AIS Units required by the Air Navigation Plan**

5.1 The attachments to this paper contain a list of AIS Units included in the current Air Navigation Plan (Doc.7474), which should be reviewed and updated if necessary.

## 6. Identified Deficiencies

6.1 Since the AFI/7 RAN Meeting was held in Abuja, pre-flight services still remain at a low level of implementation, while international flights have continued to increase in the region.

6.2 The lack of qualified personnel, combined in some cases with lack of basic elements for producing printed material (printers, duplicators, etc.) are among the main problems that cause deficiencies in pre-flight services. Other deficiencies are:

- a) Improper classification, reception and verification of aeronautical information received from other States;
- b) Incomplete recapitulation of NOTAM;
- c) NOTAM displayed as received, ie., in coded form or codified improperly, thus making the self-briefing by flight crews extremely difficult;
- d) Lack of maps and aeronautical charts;
- e) Permanent information remains for long periods of time without being published in the AIP;
- f) Temporary and permanent information requires a long time to be coordinated and published due to lack of pre-establishment of appropriate liaison between AIS and other aviation services supposed to provide raw data to AIS.

## 7 Action required

7.1 The Task Force is requested to:

- a) review and up-date the AFI FASID Table AIS-1, which sets out the requirements pertaining to the establishment of aerodrome AIS Units in the AFI Region; Table-AIS-2, which sets out the requirements pertaining to the aeronautical information services required at aerodromes and Tables AIS-4, which sets out the requirements for the Integrated Aeronautical Information Package from foreign Aeronautical Information Services (AIS) to be available at aerodrome/heliport AIS Units in the AFI Region, for pre-flight briefing, attached respectively.
- b) take note of the non-implemented aerodrome AIS units and identify appropriate measures for their rapid establishment.
- c) take note of the deficiencies and requirements related to Pre-flight Information Services in the Region;