



Agenda Item 4: Review of the Implementation Process

4.3 Suggested action to endorse and apply the ICAO Annex 15 and Doc. 8126 format 100% in development of the e-AIP in preparation for AIXM implementation

ELECTRONIC AIP

(Presented by Colombia)

Summary

This working paper would have the purpose to let it known the implementation process for the ELECTRONIC AIP by using one of the systems acquired by the Colombian Civil Aviation for the AIS/Publication Group and the recommendation to all States participants in this event about the implementation of a system that may permit the interchange of information between countries in the CAR/SAM region.

References

- Doc. 8126: Manual for Aeronautical Information Services ;
- ICAO Annex 15, Part 8.2, 8.2.1, 8.2.4: Aeronautical Information Services.
- Colombia Aeronautical Regulations - RAC Part fifteenth

1. Introduction

1.1 The Administrative Special Unit of Civil Aeronautics has acquired an aeronautical information system based on the international Standards (AICM/AIXM Models) and the ICAO currently directives, in order to centralize the information in a unique data base, to harmonize the aeronautical charts production, to automate the design of flight procedures and to get an Electronic AIP.

1.2 The Electronic AIP is generated from all the information stored in the aeronautical data base. Each one of the UAEAC areas or groups that has concerned in the process to input its information must previously certify and verify them; in this way, they assure that this information is actual and opportune to the AIS/ PUBLICATIONS group for the generation and delivering of the Electronic AIP accomplishing with the AIRAC cycles properly settled down by ICAO.

1.3 Founded on our experience, we extend an invitation to the CAR/SAM region States to implement systems that permits the interchange of information applying international standards, reaching in this way to get a high successful in the AIM management and for this purpose it must be considered the elements related in paragraph two of this working paper.

2. Discussion

2.1 It is necessary to include into the Regional definitions the development of orientation guidelines regarding the aspects detailed further in an integrated electronic AIP environment with interchange capabilities, all into the frame of quality assurance procedures, those elements are:

- Information load to the aeronautical centralized data base by the areas accountable.
- Basic text information insertion in each one structure parts of the AIP.
- Generation of the Electronic AIP, and Integrated Documentation (AIC, SUP) in different formats that allow to their publication in Internet and others digital means for their publication and distribution.
- Modifications to the information contained in the data base will allow the automatic generation of the corresponding AMDT.
- Document to sustain any information to the end users (airlines, Civil Aviation authorities and the state).
- Unification of the Aeronautical information from the Civil Aviation Authorities guaranteeing its quality.
- Import of data filtered to other tailored formats.
- Management of aeronautical information (load, modification, consult, elimination) in a centralized data base.
- Aeronautical information validation and integration in a centralized data base.
- Rapidity in the obtaining of the aeronautical information for processing.
- Reduction of work load in the generation of the integrated documentation.

3. Recommended Action

3.1 It is recommended to the meeting to consider the possibility that ICAO motivates CAR/SAM region states, by means of their regional offices, to implement a system, that allows the interchange of the electronic information between the different authorities and to get a better AIM management.

3.2 Also, ICAO could develop a guide regarding the discussion topics in this working paper, so that provides orientation in processes and procedures for implantation concerning the development of an Electronic AIP.