



International Civil Aviation Organization

CAR/SAM REGIONAL PLANNING AND IMPLEMENTATION GROUP (GREPECAS)

Eleventh Meeting of the GREPECAS Aeronautical Information Management Subgroup (AIM/SG/11)

Bogotá, Colombia, 16-20 June 2008

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#### Agenda Item 4: Review of the Implementation Process

- 4.4 Follow-up on e-TOD implementation (electronic terrain and obstacle data), actions taken by CAR/SAM States regarding Annex 15, Chap. 10, Appendix 8 SARPS and guidance from Doc. 9881 (Conclusions 9/7 and 9/9 of the AIS/MAP/SG/9 Meeting)

#### **“BENEFITS OF ELECTRONICALLY SHARING AERONAUTICAL INFORMATION PUBLICATIONS (AIP) AMONG ICAO MEMBER STATES”**

(Presented by Colombia)

##### **SUMMARY**

This paper calls the region CAR/SAM to consider the ICAO 36th. Initiative that proposes expanding the existing “ICAO-NET” secure website to contain the most current AIP documents of contracting States for an easy accessibility and reference and the importance for the CAR/SAM Region to advance in this purpose to be a model for using this initiative benefits.

Strategic Objectives:	This working paper relates to Strategic Objective D
Financial implications:	No additional resources required
References:	ICAO Assembly Resolution A33-24 ICAO Assembly Working Paper A36-WP/368 ICAO Assembly Working Paper A36-WP/135_

#### 1. INTRODUCTION

1.1 During the last assembly, Colombia has presented an initiative regarding the using of ICAO NET to allocate the AIP in an electronic form thanks to ICAO that has made greater use of electronic means of communication with contracting States. ICAO has been encouraging States to interchange information and to facilitate the access of aviation to relevant safety information. Assembly Resolution A33-24 instructed the Secretary General to accord high priority to, inter alia, the enhancement of ICAO websites. ICAO assembly has been informed by the Executive Committee in this regard by the working paper A36-WP/368.

## 2. BACKGROUND

2.1 The assembly has been motivated by the fact that ICAO contracting States spend a great amount of money each year on air cargo costs, shipping hard copies around the world. Most of these shipping costs, as well as the printing and reproduction costs, could be reduced by making these AIP documents available electronically through a secure ICAO website. This secure website would be available to ICAO contracting States for the purpose of sharing time-sensitive, critical information on issues of flight safety.

2.2 From an environmental point of view, shipping hard copies is a waste of natural resources, not only in the thousands of pounds of paper used, but also in the resources needed to transport them. ICAO has taken the lead in promoting environmental friendly policies within international aviation realm through electronic communications, online publications and paperless meetings.

2.3 Benefits to this electronic AIP library includes instant access at any time to the most current document information available from participating States around the world through the secure Internet web.

2.4 This electronic exchange of AIP documents will benefit everyone. A complete library of AIP documents from around the world would eventually be available through a secure Internet web. Proposed changes to an airport diagram or landing procedure could be immediately updated and available on the website.

2.5 The value of AIP information placed on the secure ICAO website is further enhanced by the integration of States information sources. By using this tool effectively, it will support the implementation of safety awareness management elements. Information contained in the AIP is dynamic, especially data relating to the safe operation of airports.

## 3. DISCUSSION

3.1 The Executive Committee during the ICAO Assembly, in its working paper A36-WP/368 indicated to the Assembly:

“23.5 A36-WP/135, Revision No. 1, presented by Colombia proposed that ICAO expand the existing “ICAO-NET” secure website to enable Contracting States to post, under their responsibility, current AIP documents for easy accessibility and reference. The value of the proposal in making AIP information easily and globally available was recognized and strongly supported. However, concerns were raised about resource implications and its utility to States with limited internet access. Also, the suitability of the site for posting operational information should be considered.

The meeting agreed to direct the Council to study the proposal, taking into account the need to assist some States as well as resource constraints.”

3.2 The electronic scanning of AIP documents and uploading to the website will fall under the responsibility of each State, unless prior arrangements have been made with ICAO. Dynamic individual passwords and central points of contact including current valid electronic mail addresses would need to be identified and maintained within ICAO for each contracting State.

3.3 The considerations explained before are intended to preserve the quality and opportunity of AIP information, as well as contribute to the identification of shared data and preserving while protecting that information.

4. **CONCLUSION**

4.1 A complete library of electronic AIP documents from around the world could be available through a secure Internet connection, using the already existing ICAO website.

4.2 Benefits to the electronic AIP library includes instant access at any time to the most current information available from around the world through a secure Internet connection.

5. **ACTION BY THE MEETING**

5.1 The meeting is invited to:

- a) To recognize the importance of this initiative and its benefits.
- b) *Task the ICAO Regional Offices* to develop a guide in order to facilitate to States advance in this purpose and prepare their electronic AIP information and to evaluate the possibility to put this information in the GREPECAS CAR/SAM Region existing secure Website.
- c) Task the ICAO Regional Offices to encourage CAR/SAM States to supply its current electronic AIP files to ICAO by 2009.