



International Civil Aviation Organization

## WORKING PAPER

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English and  
Spanish only<sup>1</sup>

### ASSEMBLY — 36TH SESSION

#### EXECUTIVE COMMITTEE

#### Agenda Item 23: Increasing the effectiveness of ICAO

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

(Presented by Colombia)

#### EXECUTIVE SUMMARY

This paper proposes expanding the existing “ICAO-NET” secure website to contain the most current AIP documents of contracting States for easy accessibility and reference.

**Action:** The Assembly is invited to:

- a) Request the Secretary General to add an AIP electronic library to their existing secure ICAO website;
- b) Request contracting States to provide current AIP electronic files to ICAO by 2008; and.
- c) Request contracting States to provide the AIP electronic files to ICAO when updates are required.

<i>Strategic Objectives:</i>	This working paper is related to Strategic Objective D
<i>Financial implications:</i>	No additional resources required
<i>References:</i>	Doc 9848, <i>Assembly Resolutions in Force (as of 8 October 2004)</i> – Resolution A33-24

<sup>1</sup> English and Spanish versions provided by Colombia

## 1. INTRODUCTION

1.1 ICAO has made highly used of electronic means to communicate with Contracting States during the last triennium. ICAO has been encouraging States to exchange information and to facilitate the access on relevant safety information to aviation. Assembly Resolution A33-24 entrusted the Secretary General to agree high priority, inter alia, to wide the ICAO websites. The sharing of Aeronautical Information Publications (AIP) among contracting States through the secure ICAO website will improve the communication timeliness, enhance security aspects, and save natural resources.

## 2. BACKGROUND

2.1 ICAO contracting States spend a great amount of money each year on costs of air cargo, 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 The advantages 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 all. A complete library of AIP documents all over 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 available 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. The Information contained in the AIP is dynamic, especially in relation with data on secure operation of airports.

## 3. DISCUSSION

3.1 According to A35-WP/32, 168 of 188 contracting States had access already to the ICAO-NET. Today, ICAO reports that only a few of the contracting States do not have access to the ICAO-NET. The Assembly should urge States without access to ICAO-NET to take the necessary measures, enabling them to transmit and to receive AIP electronic documents.

3.2 The 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 kept within ICAO for each contracting State.

3.3 The considerations explained before are made to preserve the quality and timelessness of AIP information, as well as contribute to the identification of sharing data and preserving protected information.

#### 4. CONCLUSION

4.1 ICAO contracting States spend a lot of money each year on shipping hard copies worldwide. These costs, as well as the printing and reproduction costs could be reduced by making AIP documents available electronically through a secure ICAO website.

4.2 From an environmental viewpoint, shipping hard copies is a waste of natural resources.

4.3 A complete library of electronic AIP documents all over the world could be available through a secure Internet network, using the already existing ICAO website.

4.4 The advantages to the electronic AIP library include instant access at any time to the most current information available all over the world through a secure Internet network.

4.5 Each contracting State could supply one electronic AIP copy to ICAO in exchanging of a “free” and “up-to-date” access to 189 other AIP documents.

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