



International Civil Aviation Organization

WORKING PAPER

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ASSEMBLY — 36TH SESSION

EXECUTIVE COMMITTEE

Agenda Item 23: Increasing the effectiveness of ICAO

BENEFITS OF ELECTRONICALLY SHARING 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:

- Task* the Secretary General with adding an electronic AIP library to their already existing secure ICAO website;
- Task* contracting States with supplying current electronic AIP files to ICAO by 2008; and
- Task* contracting States with supplying replacement electronic AIP files to ICAO when updates are required.

<i>Strategic Objectives:</i>	This working paper relates 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

1. INTRODUCTION

1.1 During the last triennium, ICAO 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. The sharing of Aeronautical Information Publications (AIP) among contracting States through the secure ICAO website will improve the timeliness of communication, enhance aviation safety, and save natural resources.

2. BACKGROUND

2.1 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 According to A35-WP/32, 168 of 188 contracting States already had access 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 the ICAO-NET to take the necessary steps to enable them to transmit and receive AIP documents electronically.

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 ICAO contracting States spend a great amount 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 point of view, shipping hard copies is a waste of natural resources.

4.3 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.

4.4 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.

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

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