

**INTERNATIONAL CIVIL AVIATION ORGANIZATION
SOUTH AMERICAN REGIONAL OFFICE**

**PREPARATORY MEETING OF THE GREPECAS ATM/CNS SUBGROUP,
ATM COMMITTEE, ATFM TASK FORCE**

(São José dos Campos, Brazil, 3 to 5 August 2005)

Agenda Item 1: Review the documentation on air traffic flow management and the policies established in the global, regional environment and existing national plans on ATFM.

AIR TRAFFIC MANAGEMENT IMPROVED SYSTEM

(Presented by Chile)

Summary

This working paper proposes to carry out a connection test for radar data exchange for the ATM through the air traffic management improved system (ETMS) between States and Organizations that have this Management Tool.

1. Introduction

1.1 Within the framework of Conclusion 9/7 “Support to the activities for the automation of the air navigation system” of the Ninth Meeting of Civil Aviation Authorities of the SAM Region, RAAC/9, (Santiago de Chile, from 18 to 20 April 2005) as regards radar data sharing to exercise an integrated surveillance in the region, Chile mentioned the air traffic management improved system, as a tool that may be essential in the radar information exchange for the effectiveness in air traffic management – ATM – with a view to avoid the ATC load and congestion in certain areas during peak hours.

1.2 As mentioned in the information papers of GREPECAS, this system or tool for air traffic management, uses internet private virtual networks to transmit safe communications at low cost, reason for which this system may be efficient and inter-operable between air navigation services providers that have this tool, in the exchange of flight information.

1.3 The Chilean Aeronautical Administration, aware of the importance of the Regional ATFM matters, and in the implementation of the Air Traffic Flow Management Units (FMU) projected in each one of the CAR/SAM States, to meet the requirements of the Air Navigation Plan, has prepared a mid-term project with the aim to progressively implement within the national aeronautical system the aforementioned tool for the treatment of Air Traffic Flow Management.

1.4 In order to advance with the mentioned Regional ATFM, and consequently acquire experience in the know-how for the national FMUs management as regards ATM and to finally switch to the surveillance radar system, it is suggested to carry out trials and tests among States or between States and Organizations that have the improved tool for air traffic management, ETMS.

2 **Suggested action**

2.1 The meeting is requested to propose this initiative to the ATM/CNS/SG/4 Meeting and initiate, if this proposal is accepted, through ICAO, the coordination among States and Organizations to initiate trials and demonstrations on exchange of information on the basis of ETMS, for the transition of an efficient ATM.

2.2 States of the Region are kindly invited to participate in the mentioned trials and demonstrations by implementing this effective tool, which will enable a positive transition in the ATFM.