



Organización de Aviación Civil Internacional

Oficina Regional Sudamericana

Undécima Reunión de Autoridades de Aviación Civil de la Región Sudamericana (RAAC/11)

(Santiago, Chile, 6 – 8 de mayo de 2009)

Agenda Item 2: Review of the Regional Air Navigation Plan Implementation

b) Review of the Implementation of Project RLA/06/901

FOLLOW-UP TO THE IMPLEMENTATION OF PROJECT RLA/06/901

(Presented by the Secretariat)

SUMMARY

This working paper presents the follow-up on the implementation of Project RLA/06/901 and the current and foreseen status of execution of implementation programmes.

References:

- Report of the Ninth Meeting of Civil Aviation Authorities of the South American Region (RAAC/9) (Santiago, Chile, 18-20 April 2005);
- Report of the Tenth Meeting of Civil Aviation Authorities of the South American Region (RAAC/10) (Caracas, Venezuela, 13-15 June 2007);
- Report of the Eighth Meeting of the Coordination Committee (RCC/8) of Project RLA/98/003 (Lima, Peru, 27-28 February 2006);
- Report of the First Meeting of the Coordination Committee (RCC/1) of Project RLA/06/901 (Lima, Peru, 5 December 2007); and
- Report of the Second Meeting of the Coordination Committee (RCC/2) of Project RLA/06/901 (Lima, Peru, 5-6 December 2008).

ICAO Strategic Objectives:

- A: *Safety*
- C: *Environmental Protection*
- D: *Efficiency*

1. Introduction

1.1 The Ninth Meeting of Civil Aviation Authorities of the South American Region (RAAC/9), held in Santiago, Chile, on 18-20 April 2005, reviewed the results of the Eleventh Air Navigation Conference (AN-Conf/11) and the global air traffic management (ATM) operational concept for achieving a global, interoperable air traffic management system for all users during all flight phases that meets the agreed safety levels, provides optimum economic operations, is environmentally sustainable, and meets national security requirements.

1.2 In this sense, the RAAC/9 meeting formulated Conclusion 9/8 - *Regional Technical Cooperation Project to Guide the Implementation of a Regional ATM System, taking into account the ATM Operational Concept and the corresponding CNS Support*, requesting ICAO to prepare and

circulate a technical cooperation project document to assist in the implementation of CNS/ATM systems and in the evolution to the global ATM.

1.3 The Eighth Meeting of the Coordination Committee (RCC/8) of Project RLA/98/003 (Lima, February 2006) reviewed the first draft document of Project RLA/06/901 prepared by ICAO, in compliance with the aforementioned Conclusion 9/8. The final version of the document was circulated to the SAM States on 17 November 2006.

1.4 The RAAC/10 meeting (Caracas, Venezuela, 13–15 June 2007) formulated Conclusion 10/10 - *Beginning of activities under Project RLA/06/901*, urging States in the Region to consider participating in the project.

1.5 Project RLA/06/901 began its activities in early 2008 with the participation of the following States: Argentina, Bolivia, Brazil, Chile, Panama, Paraguay, Peru, Uruguay, and Venezuela. The project annual budget is USD 250,000.00; therefore, with 9 States participating, annual contributions by each State are USD 27,778.00. The project will last five years; thus, it is estimated that it will conclude its activities on 31 December 2012.

2. Analysis

2.1 Project RLA/06/901, whose objective is to support the implementation of the ATM operational concept in the SAM Region, is focused on the execution of the following implementation programmes: the implementation of performance-based navigation (PBN), air traffic flow management (ATFM), the introduction of improvements to CNS capabilities for en-route and terminal area operations, the operational implementation and integration of automated air traffic management systems in the SAM Region, the activities related to the safety programme (SSP), the safety management system (SMS), the activities concerning institutional aspects, activities concerning airport, meteorological and aeronautical information aspects.

2.2 The meetings of the Implementation Group of the South American Region (SAM/IG) are a tool of project RLA/06/901 for the planning and follow-up of the aforementioned implementation programmes,

2.3 To date, two meetings have been held. The first workshop/meeting of the SAM Implementation Group (SAM/IG/1) was held in Lima, Peru, on 21-25 April 2008, with the participation of 30 delegates from 8 SAM States and 3 international organisations: ALTA, ARINC, and IATA. The SAM/IG/2 workshop/meeting was held in Lima, Peru, on 3-7 November 2008 with the participation of 34 delegates from 9 SAM States, 2 NACC States, 3 international organisations: ARINC, IATA, IFALPA and 2 commercial aviation companies, LAN Argentina and LAN Peru.

2.4 The meetings of the project Coordination Committee (RCC) were held in order to review the objectives and expected results of the project document, analyse the status of annual contributions, approve the activities to be carried out, and approve the budget for the performance of activities.

2.5 To date, two meetings of the Coordination Committee have been held. The RCC/1 meeting was held in Lima, Peru, on 5 December 2007, in which the activities to be carried out in 2008 were approved. The RCC/2 meeting was held in Lima, on 2-3 December 2008. At this second meeting, the activities carried out in 2008 were analysed, the activities to be carried out in 2009 were approved, an amendment was proposed to the RLA/06/901 project document, the situation of annual contributions was analysed, and the budget for executing the activities for 2009 was approved.

2.6 The project amendment, proposed at the RCC/2 meeting of the project, was circulated to member States for approval, expecting replies by 7 May 2009.

2.7 Of the activities carried out by the project to date, mention should be made of the development of an action plan that contemplates the short-term implementation programme of en-route PBN (RNAV-5) and two model action plans based, respectively, on a programme for short-term implementation of PBN in terminal areas (TMA) and a programme for short-term implementation of PBN in the approach area, a draft ATFM roadmap, a draft ATFM procedural handbook, guidance for improving CNS systems in the SAM Region, a guide for the implementation of national digital networks with the IP protocol to support current and future aeronautical applications, and a preliminary document on SAM automation system requirements (SSS).

2.8 Among the activities scheduled for 2009, mention should be made of the broad training programme that goes hand-in-hand with the implementation programme. The following courses and seminars/workshops have been considered: a course on RNP AR approach procedure design, a course on RNAV RNP procedure design, a course on the calculation of airport and ATS sector capacity, a seminar/workshop on ADS-B technology and the results of ADS-B trials conducted under the project, a seminar/workshop on the quality of MET services, a seminar/workshop on quality management in the aeronautical information service, and a workshop/seminar on the development of a State Safety Programme (SSP).

2.9 With the assistance of project RLA/06/901, the States of the Region will be able to plan and implement various initiatives of the global air navigation plan in a coordinated and homogeneous manner, and exchange experiences on the process and information and knowledge through meetings, seminars, and other training events, with a view to implementing a safe, integrated, interoperable, and cost-efficient regional ATM system within a global safety and interoperability framework that meets the needs of international civil aviation.

3. **Suggested Action**

3.1 The Meeting is invited to:

- a) take note of the information presented herein;
- b) review the activities carried out for the execution of implementation programmes under project RLA/06/901, as well as the activities scheduled for 2009; and
- c) analyse any other matter in this respect that the Meeting may deem necessary.