



**International Civil Aviation Organization
UNDP/ICAO Regional Project RLA/98/003
Transition to the CNS/ATM Systems in the CAR and SAM Regions**

**Tenth Meeting/workshop of Air Traffic Management (ATM) Authorities and Planners
of the CAR and SAM Regions (AP/ATM/10)**

(Lima, Peru, 10 to 14 May 2005)

Agenda Item 2: Evaluation of RNP 10 Pre-Operational Implementation in the Santiago de Chile-Lima segment of parallel routes UL 780 and UL 302

**Definitive Operational Implementation of RNP 10
in the Santiago de Chile-Lima segment of parallel routes UL 780 and UL 302**

(Presented by Peru)

Summary

This Working Paper presents the analysis and conclusions of the State of Peru in order to apply RNP 10 in the parallel routes UL780 and UL 302.

1. Introduction

1.1. The pre-operational implementation RNP 10 in the parallel routes UL780 and UL 302 between Santiago and Lima started on 22 January 22 2004.

1.2. In the AP/ATM/8 meeting, on November 2004, **Conclusion AP/ATM/8/14** resolved to start the Doc. 7030 amendment process in order to implement the RNP 10 in these parallel routes.

1.3. Also, **Conclusion AP/ATM/8/16** stipulated that Peru and Chile should collect data from 15 March and 14 April 2005, in order to continue with the required safety assessment monitoring.

2. Analysis

2.1. Lima ACC has collected aircraft movement data from UL 302 and UL 780 routes, regarding to the ILMAR-IREMI and MOXES-SORTA segments, which has been sent to CARSAMMA.

2.2. Lateral deviations larger than 10 NM have not been reported. Parallel routes UL 780 and UL 302 were used with total independence applying the RNP 10.

2.3. Also, after the RVSM implementation on January 2005, the RNP 10 airspace between Santiago and Lima has increased its capacity. The airspace management is efficient according to the current air traffic.

2.4. Due to the abovementioned, depending on the results of the last safety assessment made by CARSAMMA, we propose to implement, in a definitive mode, the RNP 10 in the UL302 and UL 780 parallel routes between Lima and Santiago.

3. Suggested Action

3.1. The meeting is invited to take note of the information contained in the current Working Paper.