



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

**Tenth Meeting/Workshop of ATM Authorities and Planners
of the CAR/SAM Regions (AP/ATM/10)**

(Lima, Perú, from 10 to 14 May 2005)

Item 1: Program for the implementation of RNAV routes in the CAR/SAM Regions

b) Review of the Phase II-b Action Plan

RNAV routes proposed by Argentina

(Paper presented by Argentina)

Summary

This working paper proposes the implementation of an RNAV route between the cities of Santiago (Chile) and Buenos Aires (Argentina), the elimination of route UA/A 305 in the Santo Domingo-ALBAL-UTRET-General Pico-EZEIZA segment, as well as the implementation of an RNAV route between Viru-Viru (Bolivia) and CERES (Argentina), and the elimination of route UB 686.

1. Introduction

1.1 The GREPECAS/12 meeting approved an RNAV Route Action Plan - Phase II-b, which envisaged the creation of a one-way RNAV route from Santiago (Chile) to Buenos Aires (Argentina).

2. Analysis

2.1 Taking into account the high traffic density between the two cities and considering that the GPS can be used in Argentine airspace as a primary, but not single, means of navigation in RNAV routes.

2.2 Likewise, since this new RNAV route between Santiago and Buenos Aires crosses different restricted areas, this Administration made the corresponding civil and military coordination for the modification of the latter so that they would not interfere with the layout of the future RNAV route.

2.3 Consequently, the following is proposed for implementation in the upper and lower airspace:

FIR and/or SIGNIFICANT POINTS	LATITUDE	LONGITUDE	CODE NAME
SANTIAGO VOR/DM	XXXX	XXXX	SANTIAGO
SANTIAGO- MENDOZA FIR	341100 S	0694900 W	former ALBAL To be confirmed
MENDOZA FIR	343522 S	0682341 W	SAN RAFAEL VOR
MENDOZA FIR - EZEIZA	345024 S	0643947 W	To be confirmed
EZEIZA VOR/DME	344927 S	0583207 W	EZEIZA VOR/DME

2.4 Due to the future dismantling of the Monte Quemado VOR, it is proposed that a two-way RNAV route be implemented in the upper airspace, with the same path and coordinates as AWY UB 686 (to be eliminated), according to the following detail:

FIR and/or SIGNIFICANT POINTS	LATITUDE	LONGITUDE	CODE NAME
CERES VOR/DME	295152S	0615220W	CERES VOR/DME
CORDOBA FIR	254458S	0625203W	former MONTE QUEMADO VOR (to be confirmed)
CORDOBA FIR -LA PAZ	220000S	0630000 W	former MARIA To be confirmed
LA PAZ FIR	XXXX	XXXX	CAMIRI
VIRU VIRU VOR/DME	XXXX	XXXX	VIRU VIRU VOR/DME

3. Suggested action

3.1 The meeting is invited to consider:

- a) The elimination of the Santo Domingo-ALBAL-UTRET-General Pico-EZEIZA segment of route UA/A 305.
- b) The implementation of a one-way RNAV route in the upper and lower airspace from the SANTIAGO VOR/DME to the EZEIZA VOR/DME.
- c) The elimination of route UB 686 between VIRU VIRU-CAMIRI-MARIA-CERES.
- d) The implementation of an RNAV route between Viru Viru-CAMIRI-MARIA-CERES, with the same path and coordinates as the existing route UB 686.