



SAM/IG/4  
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**International Civil Aviation Organization  
South American Regional Office**

**FOURTH WORKSHOP/MEETING OF THE SAM IMPLEMENTATION GROUP (SAM/IG/4)  
REGIONAL PROJECT RLA/06/901**

**Lima, Peru, 19 to 23 October 2009**

**Agenda Item 2: Optimisation of ATS Routes Structure**

**IMPLEMENTATION OF RNAV ROUTES IN MONTEVIDEO FIR  
AND ELIMINATION OF UA 309 ROUTE**

(Presented by Roberto Arca Jaurena, Uruguay)

**Summary**

This working paper presents information on the implementation of Route 661 UA 661 Route Montevideo-ERETU (Brazil)-EUR/SAM corridor and the elimination of route UA 309.

**References:**

- PBN Concept
- SAMIG/3 Meeting Programme for the Optimisation of ATS Routes Network
- Multilateral Meeting ARG-BRA-BOL-PAR-URU Lima, Perú 14/18 September, 2009.

**1 Background**

1.1 The ATS Route Network Optimization Programme of the South American Region, approved by SAM/IG/3 Lima, Peru, 20 to 24 April 2009), is developed in order to meet the new aviation requirements, while observing the new operational concept of the performance-based navigation.

1.2 In this regard, SAM/IG/3 Meeting approved the Conclusion SAM/IG/3-1 "Optimisation of the ATS Route Network in the South American Region", which asks states to take appropriate actions to follow guidelines and meet deadlines established in Programme Optimisation of ATS Routes Network in the South American Region.

## 2 Discussion

2.1 As will be recalled, according to the Optimization Program of ATS Routes Network, improvements should be introduced in phases, to achieve as early as possible, the corresponding operational benefits. The first phase is associated with the implementation of RNAV 5 for en route operations. This phase will be conducted in accordance with SAM PBN Implementation Program approved by SAM/IG/2 Meeting and which is based in PBN Roadmap approved by GREPECAS.

2.2 In accordance with the above, bearing in mind the implementation of RANV-5 in the upper airspace, the administrations of Brazil and Uruguay agreed to implement a new two-way RNAV UM 661 Route to join Montevideo with Europe via the EUR/SAM Corridor. In addition to allowing flights to the shortest path, this route clears terminals of intensive transit of Curitiba and Brasilia FIR, joining same from ERETU position in the South Atlantic with multiple entry routes to Europe.

2.3 Publishing of this **UM 661** Route was coordinated for **March 11, 2010, effective application on May 6, 2010.**

2.4 In parallel, governments of Brazil and Uruguay agreed to delete the route **UA 309**, from Montevideo to Porto Alegre, and consequently, will be published by AIRAC by **March 11, 2010, effective application on 6 May 2010.**

## 3. Suggested Action

3.1 The Meeting is requested to take note of the implementation of Route UM 661 and of the elimination of route **UA 309**, from Montevideo to Porto Alegre to take this into account in the Programme for the Optimisation of ATS Routes Network of the SAM Region.

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