



**Agenda Item 6: Other business**

**Proposal for the creation of the SAM PANS-OPS Group**

(Presented by Bolivia and Venezuela)

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| <b>SUMMARY</b>   |  |
| This working paper proposes to the States an alternative for the timely analysis of ICAO Resolutions that result in proposals of amendment to documents related to technological developments involving PANS-OPS experts of the States of the Region.  |  |
| <b>References:</b>   |  |
| <ul style="list-style-type: none"><li>- Doc 8168 Procedures for air navigation services, Aircraft operations, Volumes I and II and their respective amendments</li><li>- Doc 9613 Performance-based navigation (PBN) manual</li><li>- Doc 4444 Air Traffic Management - Chapter 5: Separation methods and minima</li><li>- Doc 9368 Instrument flight procedures construction manual</li></ul> |  |
| <b>ICAO strategic objectives:</b>  | <ul style="list-style-type: none"><li><i>A - Safety</i></li><li><i>B - Air navigation capacity and efficiency</i></li><li><i>D - Economic development of air transport</i></li><li><i>E - Environmental protection</i></li></ul> |

**1 Background**

1.1 In recent years, technologies for optimising air operations have evolved significantly. This requires a review of the documented procedure design criteria to accommodate this evolution, as well as the incorporation of new navigation specifications that are consistent with on-board technology and that incorporate additional communication and surveillance requirements.

**2 Discussion**

2.1 The Global Air Navigation Plan certainly describes a strategy to attain short- and medium-term benefits based on ATM infrastructure and on existing and foreseen aircraft capabilities. Accordingly, a set of initiatives is set forth describing the performance objectives to be pursued by States.

2.2 This has resulted in the Regional Air Navigation Plan, which harmonises such global initiatives and develops them based on the operational requirements and reality of each Region. And this has derived in the National Air Navigation Plan of each State, which describes the current status, what do we want to achieve, and what can we achieve in accordance with the reality of the Region.

2.3 The SAM Region has shown much determination, optimism, and human resource capacity, capable of assuming the commitments related to the technological developments required by global CNS/ATM. Accordingly, the ICAO SAM Regional Office carries out regional projects and all their resulting activities to allow the South American Region to keep pace with global ATM developments.

2.4 SAM States have a selected group of PANS-OPS experts with sufficient knowledge of the navigation specifications to be implemented, and capable of analysing both the relevant operational requirements and the reality of each State in order to adjust to such requirements.

2.5 Thus, the initiative has been taken to propose to the Regional Office the creation of a Regional group of PANS-OPS experts (or PANS-OPS panel), if so approved by the States, tasked, among other things, with:

- a) Analysing the proposals of amendment to ICAO documentation concerning PANS-OPS and related documents before they are individually submitted to the consideration of States;
- b) Analysing and proposing to ICAO the PANS-OPS training initiatives required in the Region;
- c) Creating a discussion forum on the feasibility of implementing new technologies in the Region;
- d) Facilitating the interpretation of navigation specification requirements for their adoption by the States;
- e) Identifying, interpreting, and assisting in the solution of queries concerning the interpretation of the technical concepts contained in the PANS-OPS;
- f) Encouraging technical cooperation among States in the PANS-OPS area;
- g) Updating Doc 9368 - Instrument flight procedures construction manual, in terms of PBN-based procedure design;
- h) Any other activity derived from the terms of reference and the procedural handbook for the creation of the group or panel.
- i) Support the States of the Region on projects related to the designs contained in the PANS-OPS.

2.6 Accordingly, the proposal to create a Regional PANS-OPS Group is submitted to the consideration of the States.

### 3. **Suggested action:**

3.1 The Meeting is invited to:

- a) take note of the information provided herein;
- b) analyse the proposal;
- c) discuss any other related matters it may deem appropriate.