



Agenda Item 3: Implementation of performance-based navigation (PBN) in the SAM Region

BASIC PANS-OPS COURSE FOR THE SAM REGION IN ECUADOR

(Presented by Ecuador)

SUMMARY This working paper requests the support of Project RLA/06/901 for a proposed Basic PANS-OPS Course for the SAM Region, to be held in Quito, Ecuador.	
REFERENCES: <ul style="list-style-type: none">• RCC/2• PBN Action Plan	
ICAO Strategic Objectives:	<i>A - Safety</i> <i>C - Environmental protection and sustainable development of air transport</i>

1 Background

1.1 Within the framework of the agreements reached at the second Coordination Meeting of Project RLA/06/901, held in Lima, Peru, on 2-3 December 2008, and specifically to contribute to the achievement of Immediate Objective No. 1 “Implementation of performance-based navigation” of the cited project, two courses on PBN procedure design were conducted under the auspices of Regional Project RLA/06/901 and a Special Implementation Project (SIP) funded by ICAO.

1.2 On that occasion, account was taken of the difficulties facing some States of the Region for the implementation of PBN approach procedures. The biggest difficulty encountered was the lack of availability of procedure design experts, which prevented an easy implementation of PBN in terminal areas and major airports, pursuant to the SAM PBN Roadmap and the PBN Action Plan for terminal areas and approaches.

1.3 Similarly, as part of its commitment towards the Region to implement PBN, Ecuador sponsored the PBN Go Team in October 2012, which was held quite successfully. The commitments undertaken included the training of personnel on PBN matters.

2 Discussion

2.1 As is well known, the Administration of Ecuador has made a huge effort to join Project RLA/06/901, which was recently completed, thus contributing to a harmonised implementation in the SAM Region.

2.2 One of the main problems facing some administrations in the Region, including Ecuador, is the natural turnover of aeronautical experts, which poses a challenge in terms of training the personnel that will be responsible for the implementation of the Action Plans developed by the regional implementation groups.

2.3 In this sense, Ecuador has identified a significant lack of training of experts on topics such as Basic Procedure Design, PBN Procedure Design, and Terminal Area Design, to address PBN implementation.

2.4 Recognising that Project RLA/06/901 is a great tool, Ecuador would like to submit to the Meeting its urgent need to start providing training in Basic Procedure Design and then continue with the other PBN procedure design courses and, in this sense, propose some regional cooperation schemes.

2.5 For the conduction of a Basic PANS-OPS Procedure Design Course, Ecuador can offer its training facilities in the city of Quito to all Project participants, providing 2 assistant instructors, since no senior instructor is currently available in Ecuador.

2.6 As a counterpart, Ecuador requests the following support from Project RLA/06/901:

- a) drafting of material for the Basic Procedure Design Training Course (PANS-OPS); and
- b) provision of a qualified senior instructor to conduct the course.

2.7 Other Project member States who need to train their personnel in basic PANS-OPS procedure design could also participate in this basic PANS-OPS procedure design course. Given the urgent nature of this matter, it is felt that this action should be included in the Project Schedule for this year, as an additional task, or in replacement of any other task that has not been implemented.

3. **Suggested action:**

3.1 The Meeting is invited to:

- 1) consider the request of Ecuador for the conduction of a Basic PANS-OPS Procedure Design Course in Quito, in which Ecuador would cover 50% of the cost, and provide 2 assistant instructors, and to extend this training to the other Project member States who need to train experts in this area;
- 2) study the possibility of obtaining financial support from Project RLA/06/901 for hiring a senior instructor and drafting training material;
- 3) study the possibility of including this task in the implementation programme for this year, in replacement of some task that has not been implemented, using the “fast-track” mechanism of the Project; and
- 4) consider the need to include training courses on PBN approaches in the Project Programme, taking into account training gaps in the Region.