



INTERNATIONAL CIVIL AVIATION ORGANIZATION

**AFI PLANNING AND IMPLEMENTATION REGIONAL GROUP
EIGHTEENTH MEETING (APIRG/18)
Kampala, Uganda (27 – 30 March 2012)**

Agenda Item 3: Performance Framework for Regional Air Navigation Planning and Implementation

3.0: Regional and National Performance Framework

IMPLEMENTATION OF PBN IN SOUTH AFRICA

(Presented by South Africa)

SUMMARY
This information paper presents the progress made by South Africa with the implementation of PBN and the need for Inter-Regional co-ordination
REFERENCE(S) <ul style="list-style-type: none">• AFI Regional PBN Implementation Plan• South Africa PBN Roadmap
Related ICAO Strategic Objective(s): A & C

1. INTRODUCTION

1.1 The AFI Region and South African Performance Based Navigation (PBN) Implementation Plan details the framework within which the ICAO PBN concept will be implemented in the AFI Region for the foreseeable future. The Plan is guided by ICAO Doc. 9613 and relevant SARPs. The primary driver for this Plan is to increase safety, balance air traffic demand and capacity, and implement services and technology in consultation with relevant stakeholders. The AFI Region and South African Plan also support national and international interoperability and global harmonization.

2. DISCUSSIONS

2.1 The South African PBN Implementation Team (SAPIT) was created and is responsible for PBN Implementation in South Africa and for the harmonization of National and Regional PBN Implementation Plans.

2.2 The following objectives have been set for SAPIT

- To incorporate draft plans and schedules into a finalized National PBN Implementation plan and present to the PBN Steering Committee for approval;
- Develop and implement PBN initiatives, work packages and action plans to support the near, medium and long term objectives of the National PBN Roadmap;
- Track progress of implementation initiatives and report to the PBN Steering Committee;
- Develop a National Airspace Navigation Specification, supporting the National Airspace Master Plan, Regional and Global initiatives, and submit to the PBN Steering Committee for endorsement and recommendation to the Director-General: Transport for approval;
- Employ Collaborative Decision Making as a strategy of the PBN Implementation Plan;
- Identify and propose amendments to Civil Aviation Regulations (CAR) and Technical Standards CATS) in support of near, medium and long term PBN implementation objectives;
- Identify and deploy change management initiatives to support successful implementation throughout the ATM Community;
- Develop generic Safety Assessments to be applied in relevant circumstances;
- Develop ATC/Pilot training plans to ensure the required level of competency and;
- Conduct periodic reviews of the South African PBN roadmap updating the mid and long term initiatives.

3. CONCLUSION

3.1 By establishing Collaborative Decision making in the AFI Region participating

States will be able to develop an airspace concept based on the AFI PBN Regional Implementation Plan. This will enable participating States to design and implement a route network, connecting major city pairs in the upper airspace taking into account inter-regional harmonization.

4. The meeting is invited to:

4.1 Note the progress made by South Africa with the implementation of PBN and the need for Inter-Regional coordination to ensure harmonization of PBN Implementation procedures thus providing seamless transitions through neighbouring airspaces.

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