

PBN Implementation Plan for Uganda

Presented by Uganda

PBN Current status

- “ Implementation of new ICAO flight plan done
- “ SIDs/STARs developed for GNSS use, safety assessment done in 2013
- “ SIDs/STARs flight validated by ENAV in June 2014 (found to be flyable), awaiting approval for use
- “ Four Regional RNAV routes implemented (UM216, UW325, UN553 & UN556)
- “ Six new RNAV routes being proposed
- “ Monitoring of RNAV using MSSR
- “ Some regulations developed, associated Legislation yet to be put in place

PBN Current status cont'd

- “ PBN Training & Sensitisation conducted for ANSP (ATC, AIM, CNS personnel) & is on-going
- “ Two procedure designers trained, awaiting OJT
- “ Survey of Areas 1 & 2 (WGS-84) done for Entebbe Airport
- “ Area 3 and 4 data capture for Terrain and Obstacles (for Entebbe, Soroti, Gulu, Arua, Kasese and Kisoro aerodromes) is on-going
- “ Survey of Area 1 & 2 for the rest of the Airspace planned for 2014 & 2015 respectively

Challenges

- “ WGS-84 Survey was partially done.
- “ Electronic Terrain and Obstacle Data collection (eTOD) survey not done for most Airports.
- “ Limited Training of personnel/stakeholders/regulator in respect to PBN/GNSS not done.
- “ Training of PANS-OPS Procedure Designers not yet completed and PANS-OPS Unit yet to be fully established & equipped.
- “ PBN/GNSS Legislation & exhaustive Regulations (navigation specifications) yet to be done.

Challenges cont'd

- “ Continuing process of capturing obstacle data as obstacles emerge in the vicinity of airports
- “ Capture of WGS-84 data for the rest of FIR
- “ PBN aircraft Airworthiness and Operational approval processes for CAA Uganda not yet streamlined, regulator training still on-going
- “ Aircraft equipage survey (evaluating fleet) is yet to be done.
- “ Airspace design review
- “ National PBN Programme Manager (NPPM) Vs Coordinator
- “ Coordinating PBN stakeholders
- “ Increase in regulator participation and control, staff turnover

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