

## **CANSO MAKES MAJOR CONTRIBUTION TO IMPLEMENTATION OF PERFORMANCE-BASED NAVIGATION**

**Madrid, 12 March 2015** – CANSO, the Civil Air Navigation Services Organisation, has announced the publication of its *Performance-Based Navigation Best Practice Guide for ANSPs*. This will help air navigation service providers (ANSPs) and States implement performance-based navigation (PBN), which will improve efficiency and reduce emissions for aircraft.

Speaking at the annual CANSO Global ATM Operations Conference in Madrid, CANSO Director General, Jeff Poole, said, "Transforming air traffic management (ATM) performance globally is at the heart of CANSO's strategic plan for ATM, Vision 2020. Our aim is to harmonise and standardise ATM globally so that planes can fly across invisible borders seamlessly. The implementation of performance-based navigation (PBN) is an important element of Vision 2020 and will help us achieve this important goal. Today's publication of the *CANSO Performance-Based Navigation Best Practice Guide for ANSPs* will make a major contribution to effective implementation."

Performance-based navigation (PBN) marks the shift from ground-based navigation aids emitting signals to aircraft receivers, to 'in-aircraft' systems that receive satellite signals that meet specific accuracy and integrity requirements to inform the crew of the aircraft's position. It enables aircraft to fly along flexible routes, which helps facilitate airspace design; terminal area procedure design; traffic flow capacity; and improved access to runways. This results in more efficient operations; reduced infrastructure costs; and reduced environmental impact.

Poole added: "We all need to continue the job of explaining these benefits. We must ensure that ANSPs are PBN-capable but also that airlines fully accept PBN and have the appropriate avionics and PBN-trained crews. Globally, States are lagging in their PBN implementation targets set by the International Civil Aviation Organization (ICAO); and CANSO will do everything it can to help States and ANSPs speed up the pace of implementation."

PBN is the highest air navigation priority of ICAO and is an important element of the ICAO Aviation System Block Upgrades (ASBUs). The implementation of PBN is equally a high priority for CANSO and its Members, with CANSO providing practical information on implementing PBN to States and ANSPs, including seminars and workshops on PBN.

CANSO has developed this Guide as another practical and useful tool to assist in the implementation of PBN. The document is intended to be a living document and provides practical guidance on PBN as it applies primarily to the terminal and approach environments. The Guide highlights the need for a clear and concise set of design requirements, and focuses on the areas that ANSP most commonly identified as areas of concern: knowledge, regulation, avionics equipage, resources, and training.

**ENDS**

Download the CANSO [Performance-Based Navigation Best Practice Guide for ANSPs](#) as a PDF

## **Notes for editors**

### **About CANSO**

CANSO – the Civil Air Navigation Services Organisation – is the global voice of air traffic management (ATM) worldwide. CANSO Members support over 85% of world air traffic. Members share information and develop new policies, with the ultimate aim of improving air navigation services (ANS) on the ground and in the air. CANSO represents its Members' views in major regulatory and industry forums, including at ICAO, where it has official Observer status. CANSO has an extensive network of Associate Members drawn from across the aviation industry.

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