Asia-Pacific
Flight Procedure Programme

26 October 2012

Dato' Azharuddin Abdul Rahman
Director General of Civil Aviation
Department of Civil Aviation, Malaysia

**Subject: Report on ICAO Asia Pacific FPP and ICAO COSCAP South East Asia
Performance Based Navigation (PBN) Implementation Workshop for Malaysia**

Dear Dato' Azharuddin Abdul Rahman,

The purpose of this letter is to provide a report on our mission to assist Department of Civil Aviation (DCA) Malaysia in conducting a PBN Implementation Workshop on 11-13 September 2012. The purposes of the Workshop were to identify actions required for successful and timely implementations of PBN for Malaysia recognizing safety and efficiency benefits which can be derived from PBN implementations and to support PBN goals as agreed in the ICAO Assembly's Resolution A37-11.

First of all, I would like to express my great appreciation for the kind hospitality provided by DCA Malaysia. In particular, I would like to pass a note of thanks to your staff for the efficient arrangements made by them to facilitate our mission.

On 11-13 September 2012, DCA Malaysia hosted the PBN implementation Workshop in Kuala Lumpur with support from ICAO Asia Pacific Flight Procedure Programme (FPP) and ICAO COSCAP South-East Asia. The Workshop was attended by 53 participants from various aviation stakeholders in Malaysia, including regulators, airline operators, air navigation service provider and military airspace users. The Workshop collectively identified 31 action items in 9 areas that need to be accomplished in order to meet the short term goals of implementing PBN in Malaysia. Each action item is critical in ensuring successful implementation of PBN in Malaysia in accordance with the goals laid out in the ICAO Assembly's Resolutions. With leadership from DCA Malaysia related organizations and agencies are expected to work cooperatively and with due diligence to accomplish the goals.

During the Workshop, information on PBN implementation plan and progress for Malayisa was presented. While some progress has been made in this regard, the Workshop collectively identified several ways to further advance PBN implementation for Malaysia. The Workshop recommended DCA Malaysia to re-activate the Malaysia PBN Task Force, which includes invited representatives from all stakeholders, including regulators, air operators, military, airports and air navigation service providers. The Malaysia PBN Task Force should meet regularly every month. The Task Force should be chaired by the Director of ATM and should also provide regular reports to the Director General.

One of the areas where Malaysia faces challenges is the development of necessary skilled human resources. After considering the procedure design workload for the next few years and the need for Malaysia to have sufficient number of procedure designers who are qualified in accordance with ICAO requirements as detailed in ICAO Doc 9906, the Workshop recognized

that the existing lacking of procedure design resources had become the major road block for PBN implementation for Malaysia. Seven action items in this area were identified and completions of each of these action items will be critical for Malaysia in ensuring its PBN implementation progress.

In reference to the ICAO's Assembly Resolution A37-11 which urges States to implement PBN procedures into all airports by 2016, the Workshop collectively developed a prioritized list for airports which should have PBN procedures implemented. The prioritized list, shown in Appendix A, divides airports into three levels of priority for PBN implementation with targeted completion dates, namely Priority A for 2013-2014, Priority B for 2015-2016 and Priority C for 2017-2018.

ICAO Asia Pacific FPP and COSCAP South-East Asia are looking forward to our next mission to Malaysia. Both organizations are very enthusiastic to work closely with DCA Malaysia in supporting PBN implementations. Please kindly advise if we can be of further assistance.

Sincerely yours,

Mr. Noppadol Pringvanich
Manager

Encl: Outcomes and Recommendations from the Implementation Workshop
     Appendix A: Malaysia Priority List for PBN Implementation