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Emirates FIR – Airspace Restructuring Project Implementation

INTRODUCTION

This AIC replaces AIC 03/2017 and is for advanced notification of the major route network and controlled airspace changes being undertaken by the Air Navigation Service Providers within the Emirates FIR with planned implementation effective on 07 December 2017 AIRAC date.

The new network is expected to support the continued growth of traffic within UAE en-route and terminal airspaces and it is designed based on a full PBN environment which directly contributes to improved airspace optimization and providing a greater flight efficiency compared to a conventional navigation solution.

DESCRIPTION

The Operators can expect significant PBN network changes for all phases of flight i.e. ATS routes, Conditional Routes (CDR) - introduced for the first time in Emirates FIR, new sector communication frequencies, new holding facilities, SIDs, STARs and instrument approach procedures into UAE airports.

It is important to mention that, based on the predicted traffic demand, the entire Emirates FIR has been designed according to PBN RNAV 1 specification in order to be able to space the route structure closer together. Therefore, attention is drawn to the fact that both aircraft and flight crew have to be qualified against PBN RNAV 1 navigation specification requirements which is replacing PBN RNAV 5 specification as previously required until effective date 07 December 2017.

In light of above, the GCAA will not be able to accommodate non-RNAV 1 aircraft into the UAE airspace after 07 December 2017. Also, it has been identified that within UAE airspace, PBN RNAV 1 specification can only be assured with GNSS sensor support.

Consequently, various publication methods like AIC, NOTAM and Safety Alerts have been and are currently being issued to remind operators of the PBN RNAV 1 with GNSS requirement within UAE airspace from 07 December 2017.

Operators and other users are advised that detailed information with regards to these changes are published as follows:

AIRAC Number	Publication Date	Effective Date
13/2017	12 October 2017	07 December 2017

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