



International Civil Aviation Organization

**The Twentieth Meeting of the Regional Airspace Safety Monitoring
Advisory Group (RASMAG/20)**

Bangkok, Thailand, 26-29 May 2015

Agenda Item 5: Airspace Safety Monitoring Activities/Requirements in the Asia/Pacific Region

ASIA PACIFIC REGION PBN APPROVAL DATABASE PROPOSAL

(Presented by China RMA)

SUMMARY

This paper presents the proposal for authorization of the responsible RMA to establish and maintain PBN approval database for states in Asia Pacific region without a designated EMA but their aircraft have PBN-related operations in other airspace.

1. INTRODUCTION

1.1 One of the duties of the En-route Monitoring Agency (EMA) presented in the EMA Handbook is to establish and maintain a database of operational approvals specific to the horizontal-plane separation applied in the EMA's area of responsibility. The EMA is developing an RNP Database that can be used for scrutiny activities to ensure the aircraft filing RNP in their flight plans have obtained the proper RNP approvals.

1.2 In RASMAG MAWG/2 meeting, Dec 2014, PARMO presented WP/9 which contained the current status of the PARMO RNP database. China RMA found from the paper that there were 750 Chinese flights without RNP approval information but had operations in the PARMO's responsibility airspace. This paper presents some discussions and suggestions for states without a designated EMA to formalizes data sharing of RNP approval data by the RMAs.

2. DISCUSSION

2.1 China RMA mentioned to MAWG/2 meeting that the reason for the lack of Chinese PBN approval data is that currently China does not have a designated EMA in Chinese Airspace.

2.2 According to the EMA handbook, the En-route Monitoring Agency only can be established for airspace where en-route horizontal-plane separation minima is applied. Considering the actual situation of air-route conditions, the EMA cannot be established in Chinese FIRs. Without a designated EMA, the PBN approval data of the aircraft conducting PBN operation in other area cannot be collected and shared.

2.3 At the same time, considering the similarity of aircraft approval basic information between RVSM and PBN, and the techniques and experience that an RMA has in approval management and data sharing, China RMA suggested if ICAO could authorize the responsible RMA establish and maintain PBN approval database for states under her responsibility that have no designated EMA.

3. ACTION BY THE MEETING

- 3.1 The meeting is invited to:
- a) discuss the content in section 2.2 and 2.3; and
 - b) support the proposal in Section 2.3
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