



ICAO

International Civil Aviation Organization

**Thirteenth Meeting of the FANS Interoperability Team – Asia
(FIT-Asia/13)**

Bangkok, Thailand, 06 – 09 June 2023

Agenda Item 7: Any Other Business

REGIONAL SUPPLEMENTARY PROCEDURES UPDATE

(Presented by the Secretariat)

SUMMARY

This paper presents progress on the Proposal for Amendment of Doc 7030 Regional Supplementary Procedures.

1. INTRODUCTION

1.1 The FIT-Asia/12 meeting (25 to 28 July 2022) was informed that Proposal for Amendment (PfA) to ICAO Doc 7030 *Regional Supplementary Procedures* Serial No. APAC-S 22/06 MID/ASIA 6 had been forwarded to ICAO Headquarters to review prior to its circulation to all relevant States and International Organizations. The PfA was subsequently circulated, in order to reach regional air navigation agreement, under ICAO State Letter AP152/22 (ATM) dated 16 December 2022. Two correspondent States subsequently communicated a revised position to the ICAO Regional Office.

2. DISCUSSION

PfA APAC-S 22/06 MID/ASIA 6.

2.1 The PfA Serial No: APAC-S 22/06-MID/ASIA-6 (**Attachment A**) included changes summarized in the following table, as agreed at the FIT-Asia/12 meeting:

Administration FIR/s	50 NM Lateral RNAV 10 (RNP 10)	50 NM Longitudinal RNAV 10 (RNP 10) with PBCS	23 NM Lateral RNP 4 or RNP 2 with PBCS	30 NM Longitudinal RNP 4 or RNP 2 with PBCS
India Chennai, Kolkata, Mumbai		✓		
Indonesia Ujung Pandang	✓	✓	<i>future consideration</i>	✓
Philippines Manila	✓	✓	✓	✓
Singapore Singapore	<i>already in SUPPS</i>	<i>already in SUPPS</i>	✓	✓
China	for removal	for removal		

Administration FIR/s	50 NM Lateral RNAV 10 (RNP 10)	50 NM Longitudinal RNAV 10 (RNP 10) with PBCS	23 NM Lateral RNP 4 or RNP 2 with PBCS	30 NM Longitudinal RNP 4 or RNP 2 with PBCS
Sanya				

Table 1: Proposed update to Doc 7030 MID/ASIA

2.2 The cutoff date for responses was 20 January 2023.

2.3 On 20 January 2023 ICAO APAC Office received a letter from Indonesia, dated on the same date, requesting:

1. Inclusion of Ujung Pandang FIR in Doc 7030 MID/ASIA 6.2.1.4; and
2. Addition of a new paragraph supporting the application of 50 NM longitudinal separation supported by VHF Direct Controller-Pilot Communications (DCPC) and procedural position reports¹.

2.4 On 21 January 2023 ICAO APAC Office received email from Sri Lanka requesting inclusion of Colombo FIR in the following paragraphs of Doc 7030 MID/ASIA:

1. 6.2.1.3 (50 NM lateral separation); and
2. 6.2.2.2 (50 NM longitudinal separation).

2.5 In consultation with ICAO Headquarters it has been determined that, rather than circulate a new, separate Doc 7030 PfA, the current PfA be updated to include these additional requirements and then recirculated. However, it should be noted that the process will again require pre-circulation to ICAO Headquarters before recirculating to States to reach regional air navigation agreement.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper
- b) discuss any relevant matters as appropriate.

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¹ ICAO Doc 4444 – Procedures for Air Navigation – Air Traffic Management (PANS-ATM) 5.4.2.6.3.1



International Civil Aviation Organization	Organisation de l'aviation civile internationale	Organización de Aviación Civil Internacional	Международная организация гражданской авиации	منظمة الطيران المدني الدولي	国际民用 航空组织
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Reference: T 3/2.1, T 3/8.13.1 – AP152/22 (ATM)

16 December 2022

Subject: **Proposal for Amendment of the *Regional Supplementary Procedures Middle East/Asia (MID/ASIA) Region (Doc. 7030/5)***
(Serial No: APAC-S 22/06-MID/ASIA 6)

Action required: Please reply not later than **20 January 2023**

Sir/Madam,

1. I wish to draw your attention to the attached Proposal for Amendment of the *Regional Supplementary Procedures Middle East/Asia (MID/ASIA) Region (Doc. 7030/5)*, (Serial No: APAC-S 22/06-MID/ASIA 6) originated by ICAO on behalf of China, India, Indonesia, Philippines and Singapore.
2. In accordance with established procedure for the amendment of Regional Supplementary Procedures, your Administration is kindly requested to inform this office of any objection to the proposal.
3. Please provide your reply by the earliest practicable date and, in any event, not later than **20 January 2023**.
4. In the event that the views of your Administration are not received by that date, it will be presumed that your Administration has no objection to the proposed changes and the proposal will be processed accordingly.

Yours sincerely,

Tao Ma
Regional Director

Attachment

A – Proposal for Amendment (Serial No. APAC-S 22/06-MID/ASIA 6)

ATTACHMENT A

PROPOSAL FOR AMENDMENT OF THE REGIONAL SUPPLEMENTARY PROCEDURES MIDDLE EAST/ASIA (MID/ASIA) REGION (Doc. 7030/5)

(Serial No.: APAC-S 22/06-MID/ASIA 6)

a) **Regional Supplementary Procedures:**

MID/ASIA

b) **Proposed by:**

ICAO, on behalf of China, India, Indonesia, Philippines, Singapore

c) **Proposed amendment:**

Editorial Note: Amendments are arranged to show deleted text using strikethrough (text to be deleted), and added text with grey shading (text to be inserted).

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Chapter 6. AIR TRAFFIC SERVICES

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6.2 SEPARATION

6.2.1 Lateral

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6.2.1.3 The minimum lateral separation shall be ~~98~~ **93** km (50 NM) between aircraft meeting RNAV 10 (RNP 10) in accordance with 4.1.1.1 on designated controlled oceanic routes or areas within the Auckland Oceanic, Brisbane, Fukuoka, Ho Chi Minh, Hong Kong, Honiara, Kuala Lumpur, **Manila**, Melbourne, Nauru, New Zealand, Port Moresby, ~~Sanya, and~~ Singapore and **Ujung Pandang** FIRs.

6.2.1.4 The minimum lateral separation shall be 42.6 km (23 NM) between aircraft on designated controlled oceanic routes or areas within the Auckland Oceanic, Brisbane, Fukuoka, Honiara, **Manila**, Melbourne, Nauru, New Zealand, ~~and~~ Port Moresby **and Singapore** FIRs. This minimum is applied in accordance with 5.4.1.2.1.6 ~~b)~~ of PANS-ATM and provided the following conditions are met:

- a) communication – CPDLC RCP 240 ~~per para~~ in accordance with **3.1.1.1.1**;
- b) navigation – RNP 4, or RNP 2 ~~per para~~ in accordance with **4.1.2.1** and **4.1.2.2**;
- c) surveillance – ADS-C RSP 180 ~~per para~~ in accordance with **5.4.1.2**

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6.2.2 Longitudinal

(P-ATM – Chapters 5 and 13)

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6.2.2.2 The minimum longitudinal separation shall be 98-93 km (50 NM) between aircraft on designated controlled oceanic routes or areas within the Auckland Oceanic, Brisbane, Chennai, Fukuoka, Ho Chi Minh, Hong Kong, Honiara, Kolkata, Kuala Lumpur, Manila, Melbourne, Mumbai, Nauru, New Zealand, Port Moresby, Sanya, and Singapore and Ujung Pandang FIRs. This minimum is applied in accordance with 5.4.2.9 of PANS-ATM and provided the following conditions are met:

- a) Communication – CPDLC RCP240 ~~per para.~~ in accordance with 3.1.1.21.1.;
- b) Navigation – RNAV 10 (RNP 10) RNP 4, or RNP 2 ~~per para.~~ in accordance with 4.1.1.1, 4.1.2.1 and 4.1.2.2;
- c) Surveillance – ADS-C RSP 180 ~~per para.~~ in accordance with 5.4.1.2.

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6.2.2.4 The minimum longitudinal separation shall be 55.5 km (30 NM) between aircraft on designated controlled oceanic routes or areas within the Auckland Oceanic, Brisbane, Fukuoka, Honiara, Manila, Melbourne, Nauru, New Zealand, and Port Moresby, Singapore and Ujung Pandang FIRs. This minimum is applied in accordance with 5.4.2.9 of PANS-ATM and provided the following conditions are met:

- a) communication – CPDLC RCP 240 ~~per para.~~ in accordance with 3.1.1.21.1.;
- b) navigation – RNP 4, or RNP 2 ~~per para.~~ in accordance with 4.1.2.1 and 4.1.2.2;
- c) surveillance – ADS-C RSP 180 ~~per para.~~ in accordance with 5.4.1.2.

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-END-

d) Date when proposal received:

21 November 2021

e) Proposer's reason for amendment:

1. The Eleventh Meeting of the Future Air Navigation Services (FANS) Interoperability Team – Asia (FIT-Asia/11, 23 to 26 August 2021) noted that the ICAO Asia/Pacific Regional Office would prepare and submit a Proposal for Amendment (PfA) to ICAO Doc 7030 Regional Supplementary Procedures (SUPPS) MID/ASIA enabling the implementation of separation minima supported by performance-based navigation (PBN) and performance-based communications and surveillance (PBCS). The following States subsequently submitted formal requests to ICAO requesting amendment of SUPPS as described in section c):
 - i. India (Chennai, Kolkata and Mumbai FIRs): 50 NM longitudinal separation;
 - ii. Indonesia (Ujung Pandang FIR only): 50 NM lateral/50 NM longitudinal and 30 NM

longitudinal separation;

- iii. Philippines: 50 NM lateral/50NM longitudinal, and 23NM lateral/30NM longitudinal separation;
 - iv. Singapore: 23NM lateral/30NM longitudinal separation;
2. China requested the removal of reference to the Sanya FIR from Regional Supplementary Procedures paragraphs 6.2.1.3 and 6.2.2.2 as the separation minima specified are no longer applied in the Sanya FIR due to radar and/or ADS-B surveillance and VHF voice communications coverage of the entire FIR.

f) Proposed implementation date of the amendment:

As soon as practicable after approval by Council.

g) Action by the Secretary General:

The proposal has been circulated to the following States and international organizations:

Afghanistan	Czech Republic	Kuwait
Albania	Democratic People's Rep. of	Kyrgyzstan
Algeria	Korea	Latvia
Andorra	Democratic Republic of the	Lebanon
Angola	Congo	Libya
Argentina	Denmark	Lithuania
Armenia	Djibouti	Luxembourg
Australia	Dominican Republic	Madagascar
Austria	Ecuador	Malaysia
Azerbaijan	Egypt	Maldives
Bahamas	El Salvador	Mali
Bahrain	Eritrea	Malta
Bangladesh	Estonia	Mauritania
Belarus	Ethiopia	Mauritius
Belgium	Finland	Mexico
Benin	France	Monaco
Bhutan	Gabon	Mongolia
Bolivia (Plurinational State of)	Gambia	Montenegro
Bosnia and Herzegovina	Georgia	Morocco
Botswana	Germany	Mozambique
Brazil	Ghana	Namibia
Brunei Darussalam	Greece	Nepal
Bulgaria	Guinea-Bissau	Netherlands
Burkina Faso	Haiti	New Zealand
Cameroon	Hungary	Niger
Canada	Iceland	Nigeria
Cape Verde	India	Norway
Central African Republic	Indonesia	Oman
Chad	Iran (Islamic Republic of)	Pakistan
Chile	Iraq	Paraguay
China	Ireland	Peru
Colombia	Israel	Philippines
Congo	Italy	Poland
Côte d'Ivoire	Jamaica	Portugal
Croatia	Japan	Qatar
Cuba	Jordan	Republic of Korea
Cyprus	Kazakhstan	Republic of Moldova
	Kenya	Romania

Russian Federation
San Marino
Saudi Arabia
Senegal
Serbia
Seychelles
Sierra Leone
Singapore
Slovakia
Slovenia
Somalia
South Africa
Spain
Sri Lanka

Sudan
Suriname
Swaziland
Sweden
Switzerland
Syrian Arab Republic
Tajikistan
Thailand
The Former Yugoslav
Republic of Macedonia
Togo
Trinidad and Tobago
Tunisia
Turkey

Turkmenistan
Uganda
Ukraine
United Arab Emirates
United Kingdom
United Republic of Tanzania
United States
Uruguay
Uzbekistan
Venezuela
Viet Nam
Yemen
Zambia
Zimbabwe

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h) Secretariat's comments:

This PfA supports the implementation of performance-based separations as described in the Asia/Pacific Seamless ANS Plan.

— END —