



ICAO

International Civil Aviation Organization

**Twelfth Meeting of the Air Traffic Management Sub-Group
(ATM/SG/12) of APANPIRG**

Bangkok, Thailand, 23 – 27 September 2024

Agenda Item 5: ATM Systems (Modernization, Seamless ATM, CNS, ATFM)

REGIONAL SUPPLEMENTARY PROCEDURES DOC 7030 UPDATE

(Presented by the Secretariat)

SUMMARY

This paper presents an update on Regional Supplementary Procedures ICAO Doc 7030 update and follow-up on *Conclusion APANPIRG/33/5*, relating to which separation minima require a supporting procedure in ICAO Doc 7030 Regional Supplementary Procedures.

1. INTRODUCTION

1.1 At the 10th Meeting of the ATM Sub-Group of APANPIRG (17-21 October 2022), New Zealand presented a working paper on Regional Supplementary Procedures (ICAO Doc 7030 - SUPPS), seeking clarification on which separation minima require a supporting SUPPS procedure.

1.2 The Draft Conclusion proposed by New Zealand was approved by ATM/SG/10 and the 33rd Meeting of APANPIRG (22-24 November 2023, Bali, Indonesia), and subsequently referred to the Air Navigation Bureau of ICAO for technical review.

2. DISCUSSION

Follow-up on Conclusion APANPIRG/33/5

2.1 New Zealand had provided information to ATM/SG/10 on Proposals for Amendment (PfAs) to SUPPS, jointly submitted by several States, for the implementation of Automatic Dependent Surveillance – Broadcast (ADS-B) In Trail Procedure (ITP) and Automatic Dependent Surveillance – Contract (ADS-C) Climb and Descent Procedure (CDP). In its review, ICAO Headquarters had determined parts of the PfAs were not necessary.

2.2 The following Conclusion, proposed by New Zealand and drafted by ATM/SG/10, was agreed by APANPIRG/33:

Conclusion APANPIRG/33/5: Provide clear direction on Doc 7030 Regional SUPPS publication requirements

That, ICAO provides clear direction on which separation minima require Doc 7030 Regional SUPPS publication to provide consistency in the information published in the different regions.

2.3 After several months of coordination between the ICAO Asia/Pacific Regional Office, the Air Navigation Bureau (ANB) at ICAO Headquarters, and the ICAO Europe/North Atlantic (EUR/NAT) Regional Office, a State Letter was issued by the Regional Office. This letter clarified the SARPS and PANS that require SUPPs support for implementation.

2.4 The State Letter included *the Separation minima and procedures that warrant amendment to Regional Supplementary Procedures (SUPPS, Doc 7030) (Attachment A)*. To ensure consistency in the amendment and publication of regional supplementary procedures that apply to separation minima across the different ICAO regions, the following information summarizes the relevant provisions:

- a) Annex 11 – *Air Traffic Services*, section 3.4 Separation minima states, inter alia, that separation minima shall be selected from those prescribed by the provisions of the *Procedures for Air Navigation Services – Air Traffic Management* (PANS-ATM, Doc 4444) and the *Regional Supplementary Procedures* (SUPPS, Doc 7030) except that, where type of aids are used or circumstances prevail which are not covered by current ICAO provisions, other separations shall be established as necessary by: the appropriate ATS authority, following consultation with operators, for routes or portions of routes contained within the sovereign airspace of a State; or regional air navigation agreements for routes or portions of routes contained within airspace over the high seas or over areas of undetermined sovereignty. The procedures for the amendment of SUPPS are the mechanism for determining and, if successful, the recording of regional air navigation agreements, subject to approval by the ICAO Council. Therefore, these other separations for routes or portions of routes contained within airspace over the high seas or over areas of undetermined sovereignty are to be supported by the amendment of regional supplementary procedures; and
- b) any procedures or separation minima contained in the PANS-ATM that shall be applied on the basis of regional air navigation agreement, are also to be supported by the amendment of regional supplementary procedures. If these separation minima require specific communication, navigation and/or surveillance performance ((RCP, RNP, and/or RSP) specifications, the applicable RNP, RCP, and/or RSP specifications are also to be supported by the amendment of regional supplementary procedures.

Note 1.– An amendment to the SUPPS is not required to support the implementation of any provisions in Annex 11, or any procedures or separation minima contained in the PANS-ATM, unless they specify that implementation is on the basis of regional air navigation agreement.

Note 2. – SUPPS must not be in conflict with the provisions contained in the Annexes or PANS. They must either specify detailed procedural regional options for those provisions or promulgate a regional procedure of justifiable operational significance, additional to existing provisions in Annexes or PANS.

2.5 The State Letter also included *the Amendment Procedures for Regional Supplementary Procedures (Attachment B)*.

6th Edition of the Regional Supplementary Procedures Doc 7030

2.6 At the second meeting of the 230th Session, the Council requested the Secretariat to initiate a formal amendment process for the alignment of the areas of applicability of the air navigation plans (ANP) and the regional supplementary procedures (SUPPS, Doc 7030).

2.7 ICAO ANB, in consultation with Regional Offices, has been working on this subject. The scope of the proposed amendments to the SUPPS addressed in this memorandum is limited to aligning

areas of applicability of ANPs and SUPPS, without involving any changes to the existing procedures of the SUPPS. Therefore, the proposed amendments have been prepared in accordance with the following process:

- a) developing the baseline document incorporating the proposals for amendment that have been approved by the Council as of 1 March 2024, but have not been published as part of the 5th Edition of Doc 7030;
- b) reflecting the changes made, over the years, to the FIRs contained in the 5th Edition of Doc 7030, in comparison with those contained in Table GEN I-1, Volume I of the respective ANPs; and
- c) transferring the FIRs and associated procedures to corresponding regional part(s) of Doc 7030 and making editorial adjustments where necessary.

2.8 In order to proceed with the task, the new proposed amendment, including regional TIBA frequency (ATM/SG Task List 11/13), will be considered by ICAO ANB and the Council after the 6th Edition of Doc 7030 is made available.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

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

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ATTACHMENT A

Separation minima and procedures that warrant amendment to *Regional Supplementary Procedures* (SUPPS, Doc 7030)

To ensure consistency in the amendment and publication of regional supplementary procedures that apply to separation minima across the different ICAO regions, the following information summarizes the relevant provisions:

- a) Annex 11 – *Air Traffic Services*, section 3.4 Separation minima states, inter alia, that separation minima shall be selected from those prescribed by the provisions of the *Procedures for Air Navigation Services – Air Traffic Management* (PANS-ATM, Doc 4444) and the *Regional Supplementary Procedures* (SUPPS, Doc 7030) except that, where type of aids are used or circumstances prevail which are not covered by current ICAO provisions, other separations shall be established as necessary by: the appropriate ATS authority, following consultation with operators, for routes or portions of routes contained within the sovereign airspace of a State; or regional air navigation agreements for routes or portions of routes contained within airspace over the high seas or over areas of undetermined sovereignty. The procedures for the amendment of SUPPS are the mechanism for determining and, if successful, the recording of regional air navigation agreements, subject to approval by the ICAO Council. Therefore, these other separations for routes or portions of routes contained within airspace over the high seas or over areas of undetermined sovereignty are to be supported by the amendment of regional supplementary procedures¹; and
- b) any procedures or separation minima contained in the PANS-ATM that shall be applied on the basis of regional air navigation agreement, are also to be supported by the amendment of regional supplementary procedures. If these separation minima require specific communication, navigation and/or surveillance performance ((RCP, RNP, and/or RSP) specifications, the applicable RNP, RCP, and/or RSP specifications are also to be supported by the amendment of regional supplementary procedures.

Note 1. – An amendment to the SUPPS is not required to support the implementation of any provisions in Annex 11, or any procedures or separation minima contained in the PANS-ATM, unless they specify that implementation is on the basis of regional air navigation agreement.

Note 2. – SUPPS must not be in conflict with the provisions contained in the Annexes or PANS. They must either specify detailed procedural regional options for those provisions or promulgate a regional procedure of justifiable operational significance, additional to existing provisions in Annexes or PANS.

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¹ While Annex 11 requires that composite separation is to be implemented on the basis of regional air navigation agreement, currently there are no plans for any such procedures across any ICAO region.

ATTACHMENT B

Amendment Procedures for Regional Supplementary Procedures

(Approved by Council (25-2) 20/5/55, (84-5) 7/3/75, (153-3) 25/2/98 and contained in Doc 7030)

1. INTRODUCTION

1.1 Regional Supplementary Procedures are normally formulated at regional air navigation meetings and become effective after review by the Air Navigation Commission and approval by the Council.

1.2 Amendments to Regional Supplementary Procedures may be proposed by a Contracting State or group of States as set out in Section 2 or by an international organization as set out in Section 3 or may become necessary as a consequence of action by Council in adopting or amending Standards and Recommended Practices or in approving or amending Procedures for Air Navigation Services as set out in Section 4.

2. AMENDMENTS PROPOSED BY A CONTRACTING STATE OR GROUP OF STATES

2.1 If any Contracting State or group of States of a region wishes to propose an amendment to Regional Supplementary Procedures for that region, it should submit the proposal, adequately documented, to the Secretary General through the Regional Office accredited to that State. The proposal should include the facts that led the State to the conclusion that the amendment is necessary.

2.2 The Secretary General will circulate the proposal, adequately documented, with a request for comments to all provider and user States of the region considered affected, as well as to user States outside the region and international organizations that may be concerned with the proposal. If, however, the Secretary General considers that the proposed amendment conflicts with established ICAO policy or that it raises questions which the Secretary General considers should be brought to the attention of the Air Navigation Commission, the proposal will be first presented, adequately documented, to the Commission. In such cases, the Commission will decide on the action to be taken.

2.3 If, in reply to the Secretary General's inquiry to States and selected international organizations, no objection is raised to the proposal by a specified date, the Secretary General will circulate an amendment memorandum to Representatives on the Council and to Members of the Air Navigation Commission inviting each recipient to advise, normally within seven days,* whether formal discussion of the proposed amendment is desired. The memorandum will explain the proposed amendment, summarize the comments received and include Secretariat comments as appropriate. If, in reply to the Secretary General's inquiry to States and selected international organizations, any objection is raised and if the objection remains after further consultation, the matter will be documented for formal consideration by the Air Navigation Commission and appropriate recommendations of the Commission to the Council.

2.4 If, at the end of the seven-day period,* there has been no request for discussion of the amendment, it will be submitted to the President of the Council who is authorized to approve the amendment on behalf of the Council.

2.5 If, on the other hand, any Representative on the Council or Member of the Air Navigation Commission indicates a desire for formal discussion of the proposed amendment, the matter will be documented for formal consideration by the Commission and appropriate recommendations of the Commission to the Council.

3. AMENDMENTS PROPOSED BY INTERNATIONAL ORGANIZATIONS

3.1 Proposals for the amendment of Regional Supplementary Procedures submitted by international organizations directly concerned with the operation of aircraft, which may be invited to attend suitable ICAO meetings

* During recess, a period of three weeks will normally be allowed.

and which attended the meeting(s) where the relevant procedures were prepared, will be dealt with in the same manner as those received from States, except that, before circulating a proposal to States and selected international organizations pursuant to 2.2, the Secretary General will ascertain whether it has adequate support from the State or group of States whose facilities, services and procedures will be affected. If such support is not forthcoming, the proposal will be presented to the Commission, and the Commission will decide on the action to be taken.

4. CONSEQUENTIAL AMENDMENTS

4.1 In the event of an amendment to Regional Supplementary Procedures becoming necessary as a consequence of action by Council in adopting or amending Standards and Recommended Practices or in approving or amending Procedures for Air Navigation Services, the amendment will be drafted by the Secretary General.

4.2 The Secretary General will circulate the amendment, together with relevant explanatory material, in a memorandum to each Member of the Air Navigation Commission inviting each recipient to notify him, normally within seven days,* whether formal discussion of the proposed amendment is desired.

4.3 If, at the end of the seven-day period,* there has been no request for discussion of the amendment, formal approval will be given by the Air Navigation Commission acting on behalf of the Council** or, if the Commission is in recess, by the President of the Council.

4.4 If any Commissioner indicates a desire for formal discussion of the amendment, the matter will be documented for formal consideration by the Air Navigation Commission. If the Commission concludes that the amendment is necessary, it is authorized to approve the amendment on behalf of the Council,** in its original form or modified.

5. PROMULGATION OF APPROVED AMENDMENTS

5.1 Amendments to Regional Supplementary Procedures that have been approved in accordance with the above procedures will be promulgated in Doc 7030, *Regional Supplementary Procedures*.

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* During recess, a period of three weeks will normally be allowed.

** The Air Navigation Commission has been authorized [17-1, Doc 7328-1, (C/853-1)] to approve consequential amendments on behalf of the Council.