



ICAO

International Civil Aviation Organization

The Ninth Meeting of the APANPIRG ATM Sub-Group
(ATM/SG/9)

Video Teleconference, 01 – 05 November 2021

Agenda Item 7: AOP, MET, AIM, SAR

AOP SUBGROUP OUTCOMES

(Presented by the Secretariat)

SUMMARY

This paper presents the outcomes of the Fifth Meeting of the APANPIRG Aerodrome Operation and Planning Sub-Group (AOP/SG/5) relevant to the ATM/SG.

1. INTRODUCTION

1.1 The Fifth Meeting of the Aerodrome Operations and Planning Sub Group (AOP/SG/5) was held via video teleconference from 29 June to 2 July 2021. The report of the AOP/SG/5 Meeting is available at <https://www.icao.int/APAC/Meetings/Pages/2021-AOP-SG5.aspx>.

2. DISCUSSION

Asia Pacific Airport Collaborative Decision Making Task Force (APA-CDM/TF)

2.1 AOP/SG/5 reviewed the Report of the Sixth Meeting of the Asia Pacific Airport Collaborative Decision Making Task Force (APA-CDM/TF/6) held as a video teleconference from 28 to 30 April 2021. The report of the Task Force meeting can be accessed at <https://www.icao.int/APAC/Meetings/Pages/2021-APA-CDM-TF6.aspx>.

2.2 APA-CDM/TF/6 discussed the development of joint operational procedure guidance for the integration of ATFM and A-CDM operations under APA-CDM/TF/6 WP/03, presented by Hong Kong China, China, India, Republic of Korea, Thailand and CANSO. The meeting also discussed the approach that should be taken to further carry out this task by another appropriate body of APANPIRG. It was noted that ATFM/SG, which, it was anticipated, would assume the responsibility for progressing A-CDM matters under APANPIRG, had a current task assigned to its ATFM Information Requirement Small Working Group (ATFM/IR/SWG), to develop operational requirements for the exchange of ATFM data. The proposed activity aligned with that work.

2.3 After deliberation, the meeting agreed that this activity would be included in the APA-CDM/TF Task List (**Appendix A to the AOP/SG/5 Report**) as updated by the meeting, with a view to its subsequent inclusion in the ATFM/SG Task List.

2.4 The AOP/SG/5 meeting adopted the following Conclusions relating to A-CDM matters, as proposed by APA-CDM/TF/6:

Conclusion AOP/SG/5-1: A-CDM Frequently Asked Questions (FAQs)

That:

1. *the Frequently Asked Questions (FAQs) on A-CDM at **Appendix B to the AOP/SG/5 Report** be uploaded to the ICAO Asia/Pacific Regional Office Website for reference; and*
2. *the document be updated when and as required to include new FAQs and answers.*

Conclusion AOP/SG/5-2: Framework for Monitoring the Implementation of A-CDM

*That, the survey questionnaire at **Appendix C and Appendix D to the AOP/SG/5 Report** be uploaded to the ICAO Asia/Pacific Regional Office website for use by States for self-assessment of their A-CDM implementation projects and to report the progress of A-CDM implementation to APAC Office in the format provided in **Appendix D**.*

Conclusion AOP/SG/5-3: Amendment to APAC A-CDM Implementation Plan

*That, the Asia Pacific A-CDM Implementation Plan, Second Edition, 2021, at **Appendix E to the AOP/SG/5 Report** be made available on the ICAO Asia/Pacific Regional Office Website for reference by States/Administrations.*

2.5 The above mentioned documents are available on the ICAO Asia/Pacific Regional Office eDocuments web-page: <https://www.icao.int/APAC/Pages/eDocs.aspx>.

2.6 AOP/SG/5 also agreed to the following Draft Decision for consideration by APANPIRG/32, noting that if APANPIRG agrees to the dissolution of APA-CDM/TF the ATFM/SG is expected to undertake any ongoing APAC regional work in the A-CDM field:

Draft Decision AOP/SG/5-4: Dissolution of the APA-CDM/TF

That:

- a) the Airport Collaborative Decision Making Task Force (APA-CDM/TF), having completed most of the tasks assigned under its Terms of Reference, be dissolved, and any further Asia/Pacific Regional work in the A-CDM field (including the Task List in **Appendix A to the AOP/SG/5 Report**) be undertaken by the Air Traffic Flow Management Steering Group (ATFM/SG) or other appropriate body determined by APANPIRG; and*
- b) A-CDM Experts nominated by States and International Organizations are encouraged to attend the ATFM/SG Meetings.*

2.7 AOP/SG/5 reviewed the two residual action items from the APA-CDM/TF Task List (Task 5/2 & Task 5/3 of **Appendix A to the AOP/SG/5 Report**) to be assumed by the ATFM/SG to make a further progress after APANPIRG/32.

Status of certification of aerodromes in AIP

2.8 AOP/SG/5 noted that there were a number of States / Administrations that have yet to publish the status of certification of aerodromes in AIP AD 1.5. The list is provided in the **Table 1** below:

States	North Asia (5 States & 2 SARs)	South East Asia (11 States)	South Asia (8 States)	Pacific (15 States & 8 OTs)
Aerodromes not listed in AD 1.5/ AD 1.5 missing in AIP	--	1) Brunei Darussalam 2) Timor Leste	1) Afghanistan	1) American Samoa (US) 2) Cook Is. 3) Guam (US) 4) Kiribati 5) Nauru 6) Niue (NZ) 7) N. Mariana Is. (US) 8) Samoa 9) Tonga 10) Tuvalu 11) Vanuatu
Some but not all aerodromes listed in AD 1.5	1) China	1) Malaysia 2) Viet Nam	1) India	--
Status listed but not under AD 1.5	--	--	--	1) Fiji 2) New Zealand
AIP cannot be located	--	--	--	1) Marshall Is. 2) Micronesia (Federated States of) 3) Palau 4) Solomon Is.
Total	1 States	4 States	2 States	17 States / OTs

Table 1 – Status of AIP AD 1.5 in Sub Regions of Asia/Pacific Region

2.9 AOP/SG/5 urged States to provide periodic updates on the progress of the certification of aerodromes and AIP AD 1.5 to the ICAO APAC Office.

2.10 States/Administrations are encouraged to use the guidance provided in *the Regional Guidance on Aeronautical Information Publication – AD 1.5 Status of Certification of Aerodromes* which was developed by ICAO APAC Office and approved by APANPIRG/31 and available on the ICAO Asia/Pacific Regional Office eDocuments web-page: <https://www.icao.int/APAC/Pages/eDocs.aspx> for publication in AIP AD1.5 the status of the certification of aerodromes by States/Administrations.

Enhanced Global Reporting Format for Assessing and Reporting Runway Surface Conditions (GRF)

2.11 AOP/SG/5 noted the new applicability date of the SARPs and PANS related to GRF, i.e. 4 November 2021. To create awareness and support States actions on GRF implementation, a number of seminars, webinars and workshops had been conducted at the global, regional and sub-regional levels by ICAO HQ, ICAO ROs/COSCAPs, PASO and ACI. In addition, the meeting noted the GRF training courses jointly offered by ICAO and industry partners, which were tailored to meet the needs of various aviation professions. States and Administrations were urged to arrange attendance of such courses. More information on GRF trainings is available at <https://www.icao.int/safety/Pages/GRF.aspx>.

2.12 AOP/SG/5 also noted Conclusion APANPIRG/31/5 and urged States / Administrations to submit GRF Implementation Action Plan to ICAO APAC Office, if they had yet to do so, and provide periodic updates (at least monthly basis, at the end of each month) on actual implementation of GRF Action Items (Milestones) in accordance with GRF Implementation Action Plan developed by States until full implementation of the GRF.

2.13 Supporting global guidance materials in GRF, such as, Circular 355 *Assessment, Measurement and Reporting of Runway Surface Conditions* and the *Aeroplane Performance Manual* (Doc 10064) were available through the ICAO Publications under ICAO Secure Portal at <https://portal.icao.int/ICAO-NET/Pages/default.aspx>. Additional guidance addressing specific aspects of the GRF (SNOWTAM), developed by ICAO's EUR office for global use could be found at: [EUR Doc.041 SNOWTAM Guidance V1.1 December 2020 EN.pdf](#). This guidance document was also made available on the ICAO Asia/Pacific Regional Office eDocuments web-page: <https://www.icao.int/APAC/Pages/eDocs.aspx> based on *Conclusion AAITF/15-1*.

2.14 ATIS would be an important means of transmitting RCR-related information to flight crew. It was likely that ATIS messages would be longer and updated more frequently, however this required to be balanced against the importance of such data. A flyer providing additional information, clarification and 'best practice' was available at: [ATIS Flyer V1.0.pdf](#).

2.15 ICAO Secretariat demonstrated the GRF implementation monitoring tool and map developed based on GRF Implementation Action Plan and actual implementation status provided by States through the Regional Offices. GRF implementation map is now available on ICAO public website and can be accessed at <https://www.icao.int/safety/Pages/GRF.aspx>.

2.16 In order to reflect the actual progress towards the implementation of GRF on the map, a periodic update on actual implementation of the GRF Action Plan/Milestones was required. As implementation of GRF by all concerned stakeholders envisaged an enhancement of runway safety, e.g., reduction in runway excursions in future, and considering the GRF implementation applicability date of 4 November 2021, the following Draft Conclusion proposed in the AOP/SG/5 WP/12 was endorsed by the meeting for further consideration by APANPIRG/32:

Draft Conclusion AOP/SG/5-11: GRF Implementation Monitoring and Status

That, Asia Pacific States/Administrations are urged to:

- 1) provide to ICAO APAC Office a periodic status update (at least monthly basis, at the end of each month) on actual implementation of GRF Action Items (Milestones) in accordance with GRF Implementation Action Plan developed by States until its full implementation; and*

2) *support ICAO portal (under development) on GRF implementation monitoring and status, including maps and charts, to be made available in ICAO Public Website.*

2.17 In this regards ICAO APAC Office has sent out the *State Letter Ref.: AN 3/3 – AP168/21 (AGA)* dated 20 October 2021 inviting States/Administrations to submit an update on actual implementation of the GRF Implementation Action Plan (Milestones) to the Regional Office by 4 November 2021 for updating data on ICAO GRF implementation monitoring tool and also review by APANPIRG/32.

Runway Safety Team (RST) and Runway Safety Go-Team

Runway Safety Team

2.18 AOP/SG/5 noted that as of 18 June 2021, out of 342 aerodromes used for international operations in Asia Pacific Regions, only 95 aerodromes had participated in ICAO RST Survey. The details were provided in **Appendix V to the AOP/SG/5 Report.**

2.19 AOP/SG/5 also noted “*Conclusion APANPIRG/31/6: Runway Safety Team*” and urged States / Administrations to take actions on runway safety team (RST) establishment and participation in ICAO RST Survey at:
<https://www.icao.int/safety/RunwaySafety/Pages/Runway%20Safety%20Team%20Register.aspx>.

2.20 The 2020 edition of USOAP CMA Protocol Questions (PQs) had been made available through USOAP CMA online framework. The PQ related to the RST establishment had been included in 2020 AGA PQs (AGA 8.204).

Runway Safety Go-Team (RSGT)

2.21 *ICAO RS Go-Team Methodology* posted on ICAO Website at the following URL:
<https://www.icao.int/safety/RunwaySafety/Pages/Documents%20and%20Toolkits.aspx> and provided the detailed information on RS Go-Team.

2.22 AOP/SG/5 noted the proposed *RS Go-Team LITE Version* and its characteristics. The LITE version would be launched after coordination with RSP partner organisations and their effectiveness assessed through one or more test cases.

2.23 States and Administrations in need of assistance in the areas of runway safety were urged to request for Runway Safety Go-Team Missions through ICAO APAC Office and/or its corresponding COSCAPs and PASO Office.

2.24 IFALPA being one of the ICAO RSP Partners, expressed a willingness to contribute to future RS Go-Teams as IFALPA pilots had experience in providing assistance in the establishment of the RST. The proposal was welcomed by the Secretariat.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper;
- b) note the Conclusions AOP/SG/5-1 to 3 regarding *A-CDM Frequently Asked Questions (FAQs), Framework for Monitoring the Implementation of A-CDM and Amendment to APAC A-CDM Implementation Plan* referred in paragraph 2.4;
- c) support the *Draft Decision AOP/SG/5-4: Dissolution of the APA-CDM/TF* (paragraph 2.6);
- d) urge States/Administrations that have not yet published the status of certification of aerodromes in AIP AD 1.5 to do so in accordance with the guidance provided in the *Regional Guidance on AIP AD 1.5 for publication of status of certification of aerodromes in AIP*;
- e) remind States/Administrations to submit an update on actual implementation of the GRF Implementation Action Plan (Milestones) to the Regional Office by 4 November 2021 in response to the *State Letter Ref.: AN 3/3 – AP168/21 (AGA)* dated 20 October 2021 for updating data on ICAO GRF implementation monitoring tool and also review by APANPIRG/32 (paragraph 2.17 refers);
- f) urge States/Administrations in need of assistance in the areas of runway safety to request for Runway Safety Go-Team Missions through ICAO APAC Office and/or its corresponding COSCAPs and PASO Office (paragraph 2.23); and
- g) discuss any relevant matters as appropriate.

.....