



ICAO

SEVENTEENTH MEETING OF THE ASIA PACIFIC REGIONAL
AVIATION SAFETY TEAM (APRAST/17)

Bangkok, Thailand, 24-27 January 2022 on Virtual Platform

APRAST/17-WP/8

Agenda Item 5

Revision 1

Agenda Item 5: Presentations – State / Industry / ICAO

**UPDATES OF IMPLEMENTATION OF ASIA-PACIFIC REGIONAL AVIATION
SAFETY PLAN 2020-2022 EDITION (AP-RASP: 20-22 EDITION) ORG ACTION ITEMS**

(Presented by the Secretariat)

SUMMARY

AP-RASP 20-22 was adopted by RASG 10 and was published in ICAO APAC website in February 2020 including Appendix A – Implementation Road Maps. Implementation Road Maps describes two sectors: ORG and OPS Road maps having identified 38 action items out of which 23 are from ORG RM. OPS RM items are by default has become responsibility of SEI WG of APRAST and ORG RM required recognition of all stakeholders involved and Custodians to lead the stake holder in achieving identified targets in a timely manner.

In order to proceed with the implementation of ORG Road map action items Secretariat presented a WP (WP/12) in APRAST 16 and Meeting adopted a decision accordingly, which is presented in below paragraph 2.5.1.

Decision APRAST 16/4 — Implementation of Asia-Pacific Regional Aviation Safety Plan 2020-2022 Edition (AP-RASP: 20-22 Edition) – WP/12

Subsequently, Secretariat received about 28 nominations from 12 States/Administrations/International Organizations and the implementation of Action items in the ORG RM were initiated with the support of the secretariat.

This paper outlines the progress so far made by all the Action Custodians summarizing the activities completed as well as reporting the progress in terms of achieving timelines of the plan

1. BACKGROUND

1.1 AP-RASP:20-22 was developed and published in ICAO APAC website February 2020 as the region’s strategy to strengthen the management of aviation safety in the APAC region to continually reduce aviation fatalities and the risk thereof. By means of AP-RASP, all aviation stakeholders of the APAC region including States/ Administrations, industry partners, international organizations and regional groupings, affirm their commitment to aviation safety and to the resourcing of activities and to increasing collaboration at the regional level to enhance safety, and contribute to the continuous improvement of aviation at the global, regional and state levels.

1.2 AP-RASP 20-22 is available on ICAO APAC website on the hyperlink;

<https://www.icao.int/APAC/RASG/Pages/default.aspx>

1.3 Immediately after APRAST 16 Secretariat circulated the SL inviting states to nominate experts to undertake the tasks identified in ORG RM (See attachment). In response xx States responded nominating Action Custodian Leads and Members based on their expertise to develop material required for each task. In the introduction and consolidating the leaders and members secretariat held few round table discussions prior to handing over the tasks formally to the teams.

2. DISCUSSION

2.1 The AP-RASP document is organized into two Parts:

2.1.1 20 Organizational (ORG) Actions help implement AP-RASP and are aligned with and fulfil Safety Enhancement Initiatives (SEIs) and Actions in the GASP, AP-RASPAT and Beijing Declaration, as well as related key work items arising from Conference of Directors General of Civil Aviation, Asia and Pacific Regions (DGCA-APAC) and RASG-APAC/APRAST meetings.

2.1.2 18 Operational (OPS) Actions are the outputs of the existing 17 RASG-APAC/APRAST SEIs and APAC Standardized Capacity Building Programme (SCBP), which address the High Risk Categories of occurrences (HRCs) of controlled flight into terrain (CFIT), loss of control – in-flight (LOC-I), runway safety (RS) including runway excursion (RE) and runway incursion (RI), and the USOAP fourth Critical Element (CE-4): Qualified technical personnel.

2.2 Focus herein onwards is paid mainly on the ORG RM as OPS RM is taken care by SEI WG of APRAT even before establishment of the APRASP 20-22. Stakeholders for implementation of AP-RASP ORG RM are listed accordingly for each AP-RASP Action, and are expected to coordinate amongst themselves to implement the Actions. Custodian(s) may be appointed from among relevant stakeholders of each Action to lead its implementation. Where appropriate, regional platforms and mechanisms are to incorporate the relevant Actions in their respective annual workplans, as applicable, if not already existing.

2.3 The second Part on Implementation provides a description of how the implementation of initiatives listed in the AP-RASP will be monitored.

2.4 **19 Targets**, categorized and mapped accordingly to the ORG and OPS Roadmaps, are introduced to track implementation of AP-RASP Actions and safety improvement outcomes. These were carefully selected to ensure a balanced focus on organizational or systemic improvements and addressing operational safety risks, and to ensure alignment with Targets in the various key global and regional documents.

2.5 The Region's overall progress in implementing and monitoring the effectiveness of the Actions and achieving the APAC Regional Aviation Safety Targets will be monitored and annually reported at RASG-APAC/ APRAST meetings, subject to the timely availability of the relevant data. **Key stakeholders**, and their respective roles and responsibilities for the administration and implementation of AP-RASP, are identified.

2.6 **Entities responsible for governance, development, implementation and monitoring of AP-RASP**

2.6.1 To ensure successful implementation of the AP-RASP 2020-2020 Edition following its approval at RASG-APAC/9 in November 2019, practical and detailed arrangements are required to ensure tight coordination among the various identified stakeholders.

2.6.2 RASG-APAC is responsible for the overall development, implementation and monitoring of the AP-RASP, together with APAC States/ Administrations, Industry Partners, International Organizations, regional groupings including the three APAC COSCAPs and PASO, the ICAO APAC Regional Office, and APANPIRG. The AP-RASP is to be supported by NASPs developed by States in the APAC region as well as work plans of other stakeholders, such as regional and non-governmental organizations. The Custodians are the lead entities for the general aspects concerning the implementation of the AP-RASP and its Actions, and are responsible for the roles and responsibilities as summarized in below table:

Custodians	Roles and Responsibilities
ICAO APAC Regional Office (Administrator of AP-RASP)	<ul style="list-style-type: none"> • Oversee implementation of AP-RASP Actions and achievement of Targets • Include AP-RASP Actions in yearly Work plans of APRAST and other regional platforms and mechanisms, including APAC COSCAPs • Advise on available Mechanisms/ Tools to facilitate implementation of Actions
APRAST Co-Chairs	<ul style="list-style-type: none"> • Oversee that top APAC safety risks and challenges are addressed (especially emerging issues with high and widespread impact), and ensure achievement of objectives and Targets • Report progress status of AP-RASP implementation and achievement of Targets to RASG-APAC • Present proposed revisions to the AP-RASP, following endorsement by APRAST, to RASG-APAC for approval
SRP WG	<ul style="list-style-type: none"> • Develop second-order indicators, as appropriate, to measure and track progress of the achievement of Targets • Prepare AP-RASP progress reports customised for every RASG-APAC and APRAST Meeting
SEI WG	<ul style="list-style-type: none"> • Develop clear guidelines for States/ Administrations to indicate their implementation status for each OPS Action • Develop indicators to track and analyse the relevance and effectiveness of ORG and OPS Actions, in close coordination with the SRP WG • Work with Custodians to track and analyse the progress of implementation of all AP-RASP Actions
COSCAPs and PASO	<ul style="list-style-type: none"> • Support their respective States/ Administrations and industry stakeholders with implementation of the AP-RASP and its Actions
AP-RASP Ad-hoc WG	<ul style="list-style-type: none"> • Formed to review and develop the AP-RASP for the next triennium • Present the updated AP-RASP to APRAST for endorsement
Action Custodians	<ul style="list-style-type: none"> • Appointed by APRAST to lead the group of stakeholders identified in the AP-RASP to further develop specific details and timeline for implementation of their respective Actions • Provide updates to SEI and SRP WGs and ICAO-APAC Office on the progress status of their Actions

Custodians responsible for the administration of AP-RASP, and their roles

2.6.3 Action Custodians are already appointed by APRAST for each ORG Action from among the group of stakeholders identified in the AP-RASP for that Action, while the rest of the group of stakeholders will support and contribute to the implementation work as assigned by the Custodian.

2.7 **Implementation of AP-RASP 20-22 Road Map Appendix A;** AP-RASP 20-22 RM clearly identifies and indicates the above action items explained in details together with custodians and time lines.

2.7.1 Based on the discussions and deliberation during APRAST 16 below decision has been adopted and already actioned accordingly.

Decision APRAST 16/4 — Implementation of Asia-Pacific Regional Aviation Safety Plan 2020-2022 Edition (AP-RASP: 20-22 Edition) – WP/12	
That, APRAST to search for Volunteers/ Champions to accomplish the respective task described in the Attachment-2 of the WP/12 in order to determine the AP-RASP Custodians on behalf of APRAST. A State Letter to be sent out to that effect to the States/Administrations and International Partners to volunteer on the effort.	Expected impact: <input checked="" type="checkbox"/> Achievement of global and regional aviation safety priorities and targets <input type="checkbox"/> Enhancement of USOAP Effective Implementation <input type="checkbox"/> Monitoring and Administration <input checked="" type="checkbox"/> Capacity Building and Sharing of Information <input type="checkbox"/> Inter-Regional
Why: Effective implementation of AP-RASP.	
When: By APRAST-17	Status: In Progress
Who: <input checked="" type="checkbox"/> APRAST <input type="checkbox"/> APAC-AIG <input checked="" type="checkbox"/> SRP WG <input checked="" type="checkbox"/> SEI WG <input checked="" type="checkbox"/> APAC States/Administrations <input checked="" type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Other: INDUSTRY	

2.8 As the technical arm for managing safety in the APAC region APRAST is entrusted with the responsibility of monitoring of progress of implementation of AP-RASP 20-22 and reporting same to RASG-APAC. Hence Key objective of this Working Paper is to report the progress based on the progress reported by each action lead custodian of ORG RM of AP-RASP.

2.9 Progress made so far by each ORG RM Action Group as reported by Lead Custodian is found in the attachment 2 to this WP.

3. ACTION BY THE MEETING

3.1 Meeting is invited to:

- a) Note the progress made in the implementation of Action Items of ORG RM of AP-RASP:20-22 (Attachment 1 to WP) in determining level of acceptability of implementation and achieving time lines;
- b) Consider, taking action if necessary, to improve progress of implementation by:
 - i. Strengthening the sub groups by increasing membership through seeking continued support from APAC Leading states and partners,

- ii. Inviting ORG Action Groups to present the progress made so far and challenges, if any, encountered,
- iii. Discuss and agree suitable mechanisms in resolving the revealed challenges in order to achieve agreed upon timelines in an expeditious manner.

List of Action Custodians for AP-RASP Action Item Implementation Sub-group (AAIISG)

As of 01 September 2021

Action	Action Custodian; Champion/Lead Role	Member; Support Role	Timelines	Stakeholders	Metrics	First Progress Report APRAST 17	Monitoring Activity
A.I.20 Develop an inspector competency building framework, and any new RASG-APAC/ APRAST SEIs for urgent risks	Indonesia: 1. Mr. Marcus Totok and 2. Mr. Dony P.Siswantoro	Pakistan: Capt. Irum Raza,	2022	APRAST, SEI WG, SRP WG, States / Administrations	Completion of framework; New SEIs introduced to address urgent risks	A.I.20 Action Group Progress report for AP-RAST 17. 75% of the task is completed and Draft Document; Inspector Competency Building Framework (ICBF) Asia Pacific Regional Aviation Safety Team is drafted and being discussed for adoption.	
A.II.1 Conduct workshops and courses to promote effective implementation of SARPs, especially in the technical areas of ANS, AIG, AGA	Philippines: 1. John F. De La Cruze and 2. Eddie Harry Paradero	USA: Ms. Yadira Lacot ACI: Mr. SL Wong Philippines: Nickson M. Morada	2020-2022	APRAST, COSCAPs, PASO, ICAO-APAC, States/ Administrations	No. of workshops conducted on areas of ANS, AIG, AGA		Progress report to APRAST and RASG-APAC meetings
A.III.1* Support the robust implementation and continuous improvement of SMS and SSP	Australia: Mr. Michael Burgess	Malaysia: 1. Mr. Adzlim bin Sam 2. Mr. Mohamad Afif bin Azhar Pakistan: 1. Mr. Hasan Mujahid 2. Mr. Faisal Safdar Khan ROK: 1. Mr. Inho Park	2020-2022	DGCA-APAC, RASG-APAC, APRAST, SEI WG, SRP WG, APAC-AIG, COSCAPs, PASO, ICAO-APAC, other regional platforms/ bodies, States/ Administrations, Industry	No. of SSP-related courses/ workshops conducted for region (not including domestic); No. of States participated in workshop	Progress Update (SEI Action to be completed by 2022) On AP-RASP SEI Action A.III.1, the action is to “support the robust implementation and continuous improvement of SMS and SSP”. The Group has reviewed the implementation guidance under the AP-RASP 2020-2022, including the timeline, metrics and monitoring activity. An Action Plan has been drafted outlining the tasks which may be needed to support the achievement of this action. The Group plans to collect and analyse past statistics from the ICAO APAC Office on the number of SSP workshops conducted in this region, including levels or participation. Following this review the Group will further discuss the development of tools and/or surveys with the objective of being able to identify any gaps and/or opportunities	Progress report to APRAST and RASG-APAC meetings

		<p>2. Ms. Hyejeon Kang 3. Ms. Eunjeong Koo</p> <p>Philippines: Mr. Jose Fernandez</p> <p>USA: Mr. Stephen Burke</p> <p>ACI: Mr. SL Wong</p> <p>IATA: Mr. Hakimuddin Patanwala</p>				before developing improvement suggestions for consideration by APRAST and the ICAO APAC Office.	
<p>A.IV.1* Establish a mechanism to collect and analyse SSP SPI data from APAC States and common industry indicators</p>	<p>Philippines: Mr. Nickson M. Morada</p>	<p>Philippines: Mr. John F. De La Cruz</p>	<p>2022</p>	<p>APRAST, SRP WG, COSCAPs, ICAO-APAC, States/ Administrations, Industry</p>	<p>Completion of mechanism</p>		<p>Progress report to APRAST and RASG-APAC meetings.</p>
		<p>USA: Mr. Stephen Burke</p>					
		<p>IATA: Mr. Hakimuddin Patanwala</p>					
<p>A.IV.3 Develop guidance on governance framework for cross-border aviation safety data sharing projects (including G2B/ third party involvement, funding, liability, info security/ protection)</p>	<p>Singapore: Mr. Nick Leow</p>	<p>Philippines: Mr. John F. De La Cruz</p>	<p>2022</p>	<p>APRAST, COSCAPs, States/ Administrations</p>	<p>Completion of governance framework</p>		<p>Progress report to APRAST and RASG-APAC meetings</p>
	<p>Philippines: Mr. Nickson M. Morada</p>	<p>IATA: Mr. Hakimuddin Patanwala</p>					
		<p>US-FAA: 1. Mr. Chad Brewer 2. Mr. Gerardo Hueto</p>					

<p>A.IV.4* Establish a mechanism for regional aviation safety data collection and sharing and support States'/ Administrations' participation in regional aviation safety data-sharing projects</p>	<p>Singapore: Mr. Nick Leow</p>	<p>Pakistan: Mr. Asif Farooqi</p>		<p>APRAST, States/ Administrations, Industry</p>	<p>Launch of mechanism</p>		<p>Progress report to APRAST and RASG-APAC meetings</p>
	<p>Philippines: Mr. Nickson M. Morada</p>	<p>Philippines: Mr. John F. De La Cruz</p>					
		<p>US-FAA: 1. Mr. Chad Brewer and 2. Mr. Gerardo Hueto</p>					
		<p>IATA: Mr. Hakimuddin Patanwala</p>					
<p>A.V.1 Integrate the existing basic building blocks of RASG-APAC/ APRAST towards the envisioned safety data collection and processing system (SDCPS) for the APAC region</p>	<p>Pakistan: Capt. Balban Sabir</p>	<p>Pakistan: 1. Mr. Asif Farooqi, 2. Capt. Irum Raza</p>	<p>2020-2022</p>	<p>APRAST, SEI WG, SRP WG, APAC-AIG, COSCAPs, ICAO-APAC</p>	<p>Completion of documented clear lines and procedures for communication of respective types of data/ information between APRAST and other regional groups</p>		<p>Progress report to APRAST and RASG-APAC meetings</p>
	<p>Philippines: Mr. Nickson M. Morada</p>	<p>Philippines: Mr. John F. De La Cruz</p>					
		<p>US-FAA: 1. Mr. Chad Brewer and 2. Mr. Gerardo Hueto</p>					
<p>A.V.4* Establish a means for States/Administrations to informally share information and coordinate on operational issues in the USOAP Audit Areas of OPS, ANS and AGA</p>	<p>Philippines: Mr. Nickson M. Morada</p>	<p>Philippines: Mr. John F. De La Cruz</p> <p>ACI: SL Wong</p>	<p>2022</p>	<p>APRAST, COSCAPs, ICAO-APAC, States/ Administrations</p>	<p>Completion of information sharing channels/ platform; completion of directory of appropriate CAA contact points for various areas and associated procedures to</p>	<p>AV4's report to APRAST/17: Progress</p> <ul style="list-style-type: none"> Two meetings have been held between members of action group AV4. <p>Action plan agreed:</p> <ul style="list-style-type: none"> An online platform should be created for informal sharing; More States should be invited to join the action group to share USOAP results and discuss safety issues with identification of priority States to be invited already begun with analysis of past USOAP EI; and The Action Group should meet monthly initially and then quarterly when it grows to an adequate size, a work plan is well established and progress on track. 	

					update the directory	<u>Next step:</u> <ul style="list-style-type: none">• Invitation of States and possibly international organizations to join the group.	
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