INTERNATIONAL CIVIL AVIATION ORGANIZATION

REPORT OF THE TWELFTH MEETING OF THE ASIA PACIFIC REGIONAL AVIATION SAFETY TEAM (APRAST/12)

BANGKOK, THAILAND, 28 MAY TO 1 JUNE 2018

The views expressed in this Report should be taken as those of the Meeting and not the Organization

Approved by the Meeting
and published by the ICAO Asia and Pacific Office, Bangkok

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1.   Meeting and Registration

1.1   The Twelfth Meeting of the Asia Pacific Regional Aviation Safety Team (APRAST/12) was held at the ICAO Asia and Pacific Office in Bangkok, Thailand from 28 May to 1 June 2018.

1.2   The APRAST/12 Meeting was attended by 108 participants from 23 States/ Administrations and 9 International Organizations and Industry Partners viz. Australia, Bangladesh, Bhutan, Cambodia, China, Hong Kong-China, Macao-China, France, India, Indonesia, Japan, Lao PDR, Malaysia, Maldives, Mongolia, Myanmar, Pakistan, Philippines, Republic of Korea, Singapore, Sri Lanka, Thailand, United States, Airbus, Association of Asia-Pacific Airlines (AAPA), Airports Council International (ACI), Boeing, CAE Inc., CANSO, Flight Safety Foundation (FSF), International Air Transport Association (IATA) and International Federation of Air Line Pilots Associations (IFALPA). The list of participants is at **Appendix A**.

1.3   Mr. Susantha De Silva, Regional Officer-Safety Implementation of ICAO Asia and Pacific Office acted as Secretary to the Meeting supported by Mr. SM Nazmul Anam, Regional Officer-Flight Safety and Mr. Kong, Cheong Tuck, Flight Safety Expert.

2.   Opening Session

2.1   Mr. Manjit Singh, Deputy Regional Director of ICAO Asia and Pacific Office welcomed participants, introduced the new Regional Officer, Flight Safety – Mr. SM Nazmul Anam and Mr. Michiel Vreedenburgh, CTA COSCAP SEA and handed over the Meeting to APRAST Co-Chair (States).

2.2   Mr. Xinming Lyu, APRAST Co-Chair (States) and Mr. Gerardo Hueto, APRAST Co-Chair (Industry) welcomed the participants.

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REPORT ON AGENDA ITEMS

1.   AGENDA ITEM 1:   PLENARY SESSION – ADOPTION OF AGENDA

1.1   Adoption of the Provisional Agenda – WP/1

1.1.1   The Secretariat presented the Provisional Agenda, which was adopted by the Meeting.

2.   AGENDA ITEM 2:   WORKSHOP SESSIONS

2.1   Three workshop sessions were conducted during APRAST/12. One workshop was on Global Safety Information Project (GSIP), the second on LOC-I and third on SEI Implementation progress.

2.2   Workshop on Global Safety Information Project (GSIP)

2.2.1   First Workshop was conducted by Flight Safety Foundation (FSF) sharing their experience on GSIP Methodology and Safety Performance Monitoring comprising of an interactive session with questions and answers with participants.

2.3   Workshop on Loss of Control – Inflight (LOC-I)

2.3.1.   Second workshop on LOC-I was conducted by members of Boeing, Federal Aviation Administration (FAA) and Commercial Aviation Safety Team (CAST). The presenters showed specific examples from the accident data and discussed the development of flight data monitoring metrics used to identify precursors to Airplane State Awareness (ASA) in normal operations. The presenters concluded by describing CAST safety enhancements in the areas of airplane design, flight crew training, and air carrier operations. All CAST Safety Enhancements are available on the web at https://www.skybrary.aero/index.php/Category:CAST_SE_Plan**.**

2.4   Workshop on Safety Enhancement Initiative (SEI) Implementation

2.4.1.   The Workshop on SEI Implementation Progress was facilitated by the Secretariat. Four groups were organized for the break out session to discuss the issues and challenges relating to the progress and update of the monitoring tool for SEI implementation. The meeting requested SEI WG to further review the feedback from the breakout groups for follow up as necessary.

3.   AGENDA ITEM 3:   UPDATE OF RASG-APAC/7 DECISIONS/CONCLUSIONS AND WORK PROGRAMME

3.1   Progress update of RASG-APAC/7 Decisions and Conclusions – WP/2

3.1.1.   The Secretariat presented the progress of RASG-APAC/7 Decisions and Conclusions. The Meeting noted the updates and supported the recommendations of the Decisions and Conclusions, as reflected at **Appendix B**.

3.2   **Update of RASG-APAC 2017/2018 Yearly Work Programme – WP/3**

3.2.1.   The Secretariat presented the progress of RASG-APAC 2017/2018 Work Programme which was approved at RASG-APAC/7 in July 2017. The Meeting noted the updates provided by the Secretariat and the various champions during the course of meeting and supported the recommendations and status of work programme, as reflected in **Appendix C.**

4.   AGENDA ITEM 4:   UPDATE, DISCUSS AND REVIEW OF PROGRESS OF APRAST ACTIVITIES

4.1   **Update of APRAST/10 and APRAST/11 Decisions and Conclusions – WP/4**

4.1.1.   The Secretariat presented the progress of outstanding Decisions and Conclusions adopted at APRAST/10 and APRAST/11. The Meeting noted that all Decisions and Conclusions of APRAST/10 is closed. The updated status of APRAST/11 Decisions and Conclusions can be found in **Appendix D**. The Meeting adopted the following Decision:

Decision APRAST 12/1 — Update of APRAST/10 and APRAST/11 Decisions and Conclusions – WP/4	
That, the recommendations of APRAST/11 Conclusions as summarised in **Appendix D** be submitted for RASG-APAC/8 for endorsement.	*Expected impact*: ☐ Achievement of global and regional aviation safety priorities and targets ☐ Enhancement of USOAP Effective Implementation ☒ Monitoring and Administration ☐ Capacity Building and Sharing of Information ☐ Inter-Regional
Why: Update of APRAST Decision and Conclusion status	
When: Immediate	**Status**: Completed
Who: ☒ APRAST ☐ APAC-AIG ☒ SRP WG ☒ SEI WG ☐ Capacity Building TF ☐ APAC States/Administrations ☒ ICAO APAC RO ☐ ICAO HQ ☐ Other:	

4.2   **Proposal for APAC-AIG direct reporting to RASG-APAC and change of the ToRs in RASG-APAC Procedural Handbook – WP/13**

4.2.1.   This paper was presented by the Secretariat. The Meeting reviewed and noted the proposed changes to the APAC-AIG ToRs for direct reporting to RASG-APAC; and the Meeting adopted the following Decision:

Decision APRAST 12/2 — Proposal for APAC-AIG direct reporting to RASG-APAC and change of the ToRs in RASG-APAC Procedural Handbook (WP/13)	
That, proposed changes to the APAC AIG ToRs as described in Appendix C (WP/13) be submitted for RASG/8 endorsement.	*Expected impact*: ☐ Achievement of global and regional aviation safety priorities and targets ☐ Enhancement of USOAP Effective

		Implementation
		☒ Monitoring and Administration
		☐ Capacity Building and Sharing of Information
		☐ Inter-Regional
Why:	AIG reporting to RASG	
When:	RASG-APAC/8	**Status**: In progress
Who:	☐ APRAST ☒ APAC-AIG ☐ SRP WG ☐ SEI WG ☐ Capacity Building TF ☐ APAC States/Administrations ☒ ICAO APAC RO ☐ ICAO HQ ☐ Other:	

4.3 Update on APAC-AIG Activities – WP/5

4.3.1.   Mr. Chan Wing Keong, Chairman APAC-AIG presented to the meeting on APAC-AIG activities. The Meeting noted updates and work plan as well as follow-ups to the Decisions and Conclusions made at APRAST/10 and RASG-APAC/7. The Meeting encouraged States/ Administrations to participate in the upcoming AIG activities;

       a)   Airbus training in Toulouse on 5 – 7 June 2018.

       b)   APAC-AIG/6 Meeting in Bangkok on 11 – 12 October 2018.

       c)   ISASI Annual Seminar in Dubai, United Arab Emirates, on 29 October – 1 November 2018.

       d)   The APAC-AIG has coordinated with the ICAO APAC Office to offer an Investigation Analysis Training for APAC States/Administrations on 8 – 10 October 2018 in Bangkok prior to APAC-AIG/6 to be conducted by Australian Transport Safety Bureau (ATSB).

4.4 Outcomes of the Review of the Asia Pacific Regional Aviation Safety Priorities and Targets – WP/6

4.4.1.   AP-RASPAT ad-hoc Working Group presented WP-6 highlighting greater alignment with the ICAO Global Aviation Safety Priorities and Targets outlined in the GASP, taking into account current and emerging industry developments. The paper proposes the following mechanism for future review:

> *"It is proposed that there is no need to form a permanent Working Group for future reviews of the APAC Regional Aviation Safety Priorities and Targets, and that it would be appropriate for the Secretariat (ICAO APAC Office) to be the custodian of the Asia Pacific Regional Aviation Safety Priorities and Targets. This will allow APRAST the flexibility to configure an ad-hoc "task-force"-type mechanism to assist the Secretariat in the review process, and for the rotation of members of this task-force among APAC States/ Administrations and Industry Organisations. However, a permanent mechanism and frequency for the review should be determined, and a progress report should continue to be presented by the APRAST Co-Chairs at every APRAST meeting".*

4.4.2.   Meeting noted the details of the proposed changes described in Appendix C of WP/6. The Meeting adopted the following Decisions:

Decision APRAST 12/3 — Outcomes of the Review of the Asia Pacific Regional Aviation Safety Priorities and Targets (WP/6)	
That, the Proposed Mechanism (Mechanism mentioned in APRAST/12, WP/6) for future review of Regional Priorities and Targets be submitted for approval at RASG-APAC/8.	*Expected impact*: ☒ Achievement of global and regional aviation safety priorities and targets ☐ Enhancement of USOAP Effective Implementation ☐ Monitoring and Administration ☐ Capacity Building and Sharing of Information ☐ Inter-Regional
Why: Updating Regional Priorities and Targets	
When: RASG-APAC/8	**Status**: In progress
Who: ☒ APRAST ☐ APAC-AIG ☐ SRP WG ☐ SEI WG ☐ Capacity Building TF ☐ APAC States/Administrations ☒ ICAO APAC RO ☐ ICAO HQ ☐ Other	

Decision APRAST 12/4 — Outcomes of the Review of the Asia Pacific Regional Aviation Safety Priorities and Targets (WP/6)	
That, the proposed changes of Regional Priorities and Targets described in Appendix C of WP/6 be submitted for approval at RASG-APAC/8.	*Expected impact*: ☒ Achievement of global and regional aviation safety priorities and targets ☒ Enhancement of USOAP Effective Implementation ☐ Monitoring and Administration ☐ Capacity Building and Sharing of Information ☐ Inter-Regional
Why: Updating Regional Priorities and Targets	
When: Immediate	**Status:** In Progress
Who: ☐ APRAST ☐ APAC-AIG ☐ SRP WG ☐ SEI WG ☐ Capacity Building TF ☒ APAC States/Administrations ☒ ICAO APAC RO ☐ ICAO HQ ☒ Other	

## 5.	AGENDA ITEM 5:	PRESENTATION – STATE / INDUSTRY / ICAO

### 5.1	Use of IOSA Reports by Australia's Civil Aviation Safety Authority – WP/7

5.1.1.	The Civil Aviation Safety Authority (CASA), Australia shared with the meeting their experience on using IATA IOSA Report to complement its existing oversight and surveillance program. The arrangement allows CASA to access IOSA reports of eligible foreign carriers that currently operate into and out of Australia or may come to do so in the future. The meeting is encouraged to note the contents and benefits of utilizing third party audits.

5.2   **IATA-ICAO Workshop on IOSA Programme – WP/14**

5.3   IATA presented on the benefits of IATA Operational Safety Audit (IOSA) program which is an internationally recognized and accepted evaluation system designed to assess the operational management and control systems of an airline. The IOSA audit creates a standard that is comparable on a world-wide basis, enabling and maximizing the joint use of audit reports. The meeting was invited to consider IOSA as a complementary measure for Safety Oversight Activities by the States and make use of IOSA and the information it provides.

5.4   In line with the collaboration between ICAO and Industry, also recognizing the benefits and usefulness of the IOSA Audit Workshop, the Meeting adopted the following Conclusion:

Conclusion APRAST 12/1 — IATA-ICAO Workshop on IOSA Programme – WP/14	
That, IATA to liaise with the Secretariat to facilitate the IOSA Audit Workshop.	*Expected impact*: ☐ Achievement of global and regional aviation safety priorities and targets ☐ Enhancement of USOAP Effective Implementation ☒ Monitoring and Administration ☐ Capacity Building and Sharing of Information ☐ Inter-Regional
Why: Collaboration between ICAO and IATA	
When: September 2018	**Status**: In progress
Who: ☐ APRAST ☐ APAC-AIG ☐ SRP WG ☐ SEI WG ☐ Capacity Building TF ☐ APAC States/Administrations ☒ ICAO APAC RO ☐ ICAO HQ ☒ Other: IATA	

5.5   **Regional Data Collection, Analysis and Information Sharing (AP-SHARE) Demonstration Project Status Report – WP/9**

5.5.1.   FSF presented and update on the latest status of the AP-SHARE Demonstration Project. The Meeting noted the status of this AP-Share Project and encourage the States/Administrations and industry to participate in this regional initiative (millam@flightsafety.org). Organizations interested in this Demonstration Project can register for the upcoming event on 20 September 2018 GB-3 meeting, before 01 July 2018.

5.6   **AP-SHARE Analysis : Risk of Mid-Air Collisions – WP/15**

5.6.1.   FSF and MITRE presented on AP-SHARE Analysis - Risk of Mid-Air Collisions highlighting the insights of the study of mid-air collision risk undertaken as part of the recently launched Demonstration Project for data collection, analysis and information sharing system (AP-SHARE) in the Asia Pacific (APAC) region. AP-SHARE studied TCAS RA events as a precursor of topic to be examine in the AP Share project is mid-air collision. The Meeting is invited to note the content of the paper. The Meeting noted the initial insights of the TCAS RA study conducted by AP-SHARE on the potential safety enhancement initiatives for mid-air collision risk.

5.7   **Global Safety Information Project status Report- WP/8**

5.7.1.   FSF presented this paper on Global Safety Information Project Status Report, an international initiative, supported by the U.S. Federal Aviation Administration (FAA) and the Commercial Aviation Safety Team (CAST), which focusses on identifying and addressing issues surrounding the collection, analysis, protection and use of safety information for the Pan American and Asia Pacific Region.

5.7.2.   The global aviation industry needs safety performance monitoring guidance and Flight Safety Foundation is developing a Safety Performance Monitoring Handbook. The Meeting noted the content of the paper and encourage participation by the States/Administration and Industry in the GSIP Safety Performance Survey available at www.flightsafety.org/safetysurvey for safety performance survey, comments on Safety performance Handbook and feedback of the GSIP toolkit (flightsafety.org/gsip/gsip-toolkits).

5.8   **The APAC Annual Safety Report – WP/10**

5.8.1.   Singapore presented the proposed enhancements to the APAC Annual Safety Report (ASR). The meeting noted and agreed that the enhancements would be useful in enhancing the identification and prioritization of safety risks in this region. Notwithstanding this, the meeting expressed the need to prioritize and focus the outputs from the Safety Reporting Programme (SRP) WG to support the work done by the Safety Enhancement Initiative (SEI) WG and be aligned with the ad-hoc Regional Aviation Safety Priorities and Targets (AP-RASPAT) working groups.

5.8.2.   The meeting also noted that further discussion on Annual Safety Report will be held during the break out session

5.9   **Fostering Just Culture in Operators and Service Providers – WP/11**

5.9.1.   NokScoot and Aerothai presented the paper along with promotional video on 'Just culture is a fundamental component in Safety Culture which promotes effective Safety Management System' summarizes the experiences of Nokscoot and AEROTHAI taking reference from the Guidance Materials of CANSO. This paper focused to start a conversation on Just Culture in APAC region, provide tools and implementation guideline to improve Just Culture, share experience and lessons' learned from NokScoot and AEROTHAI. The meeting encouraged all to start and continue the 'Just Culture' conversation in own organization and share each other's experience and lessons' learned in Just Culture.

5.10   **Pilot Shortage in the Asia/Pacific Region – WP/12**

5.10.1.   CAE Inc. presented this paper on pilot shortage as there is growing industry. The meeting has discussed the content of the paper during the breakout session. Considering that there are existing ICAO initiatives like Next Generation Aviation Professionals (NGAP) and recognising declaration made in the first Ministerial Conference in Beijing, China in January-February 2018 (https://www.icao.int/APAC/Meetings/Pages/2018-APACMC.aspx). The meeting also noted other industrial initiatives and agreed that no further work by APRAST is required and encouraged interested States to consider joining the NGAP Programme.

5.11   **Preventing Injuries Caused by Turbulence – WP/16**

5.11.1.   Singapore presented the working paper sharing information and practices that could be used to minimize injuries caused by turbulence. It highlighted and identified practices by crew members and aviation professionals associated with flight operations that could encounter turbulence. The meeting noted the information presented in the paper.

5.12   **Integrate the Resources to Handle the Turbulence Risk – WP/17**

5.12.1.   WP/17 presented by China highlighting that turbulence is the main source of injury in flight operations. This article explained how to systematically integrate the available resources to mitigate and minimize the risks associated with turbulence in flight. The meeting noted the information presented in the paper.

5.13   **Civil Aviation SSP in China – WP/18**

5.13.1.   China presented the paper sharing their experience of SSP implementation and the progress made in promoting Safety performance management, methods, tools and practices as well as the installation of a Flight Operation Quality Assurance (FOQA) station which enabled the capability of data analysis. The meeting noted the information presented in the paper.

5.14   **Electronic Pilot License – WP/19**

5.14.1.   China presented and demonstrated the implementation of Electronic Pilot License (EPL) which contains all details listed at 5.1.1.2 of ICAO Annex 1.

5.14.2.   The meeting noted the issuance of EPL by CAAC and urging for the recognition by States/Administration while performing ramp inspection.

5.15   **Measures Against Falling Objects from Aircraft – WP/20**

5.15.1.   This Paper presented by Japan on various measures taken against falling objects from aircraft through collaboration between authorities and all airlines. The meeting encouraged the authorities to collaborate with the operators flying into Japan against falling objects thorough implementation of safety measures.

5.16   **Operation Standards of Foreign Business Aircraft – WP/21**

5.16.1.   Hong Kong, China presented this paper sharing with the meeting on safety and non-compliance incidents in business aviation. Hong Kong, China shared the findings, contributing factors of such incidents with the Meeting.

5.16.2.   The meeting noted the contents of the paper to share their best practices, identify any emerging issues and risk mitigation measures in regulating the foreign registered business aviation aircraft.

5.17   **Presentation on GASP and NASP - Secretariat**

5.17.1.   The Secretariat shared with the meeting that the draft Global Aviation Safety Plan (GASP) 2020-2022 which require development of Regional Aviation Safety Plan (RASP) and National Aviation Safety Plan (NASP). The Meeting adopted the following Decision;

Decision APRAST 12/5 — Presentation on GASP and NASP - Secretariat	
That, the Secretariat to present a Working Paper at RASG-APAC/8 on the need to develop a Regional Aviation Safety Plan (RASP).	*Expected impact*: ☒ Achievement of global and regional aviation safety priorities and targets ☐ Enhancement of USOAP Effective Implementation ☒ Monitoring and Administration

	☒ Capacity Building and Sharing of Information
	☐ Inter-Regional
Why: In line with GASP 2020-2022	

| **When**: RASG-APAC/8 | **Status**: In progress |

| **Who**: | ☐ APRAST ☐ APAC-AIG ☐ SRP WG ☐ SEI WG ☐ Capacity Building TF |
| | ☐ APAC States/Administrations ☒ ICAO APAC RO ☐ ICAO HQ ☐ Other |

6.   AGENDA ITEM 6:   BREAKOUT SESSIONS

6.1   SEI WG Break Out Session:

6.1.1.   RE/1: In line with decision APRAST 11/3, FSF and IATA have identified 10 priority items from the common recommendations between FSF report on go around decision making and IATA guidance on un-stabilized approaches. SEI WG agreed to circulate the 10 priority items to APRAST members seeking further clarification from FSF/IATA if any, in order to decide any item as APAC SEI(s). SEI WG presented to the Plenary after the break out session and updated the SEIs as follows:

Decision APRAST 12/6 — SEI WG Break Out Session – RE/1	
That, FSF and IATA to provide the Secretariat with the 10 priority items to be circulated to APRAST members for further clarification, if any in order to decide any item as APAC SEI.	**Expected impact**: ☒ Achievement of global and regional aviation safety priorities and targets ☒ Enhancement of USOAP Effective Implementation ☒ Monitoring and Administration ☐ Capacity Building and Sharing of Information ☐ Inter-Regional
Why: Address RE operational risks	
When: August 2018	**Status**: Ongoing
Who: ☒ APRAST ☐ APAC-AIG ☐ SRP WG ☐ SEI WG ☐ Capacity Building TF ☒ APAC States/Administrations ☒ ICAO APAC RO ☐ ICAO HQ ☒ Other: FSF, IATA	

6.1.2.   *Output from SEI Implementation Workshop*

6.1.3.   SEI WG proposed a SEI Review Group (SEI RG) to conduct periodic review of current SEI outputs between every APRAST meeting and provide update report back to APRAST meetings. Cambodia, China, Hong Kong China, Macao China, India, Indonesia, Japan, Malaysia, Singapore, COSCAP-SA and IFALPA volunteered to work in the review group.

6.1.3.1.   Following the workshop breakout session on SEI Implementation, the Meeting adopted the following Decision:

Decision APRAST 12/7 — SEI Implementation Survey	
That, SEI WG to prepare a survey on current SEI implementation for secretariat to disseminate to APRAST members to seeking feedback on applicability, priority, implementation challenges as well as if any particular assistance is required during the SEI implementation.	*Expected impact*: ☒ Achievement of global and regional aviation safety priorities and targets ☒ Enhancement of USOAP Effective Implementation ☒ Monitoring and Administration ☐ Capacity Building and Sharing of Information ☐ Inter-Regional
Why: To get details feedback from APRAST Members on the APAC SEIs implementation.	
When: August 2018	**Status**: On going
Who: ☒ APRAST ☐ APAC-AIG ☐ SRP WG ☒ SEI WG ☐ Capacity Building TF ☒ APAC States/Administrations ☐ ICAO APAC RO ☐ ICAO HQ ☒ Other: SEI RG	

6.1.4.   With the aims of facilitating the administration and cooperation within SEI WG, it has established the following as the core member in the group which includes, Bangladesh, Cambodia, China, Hong Kong China, Macao China, India, Indonesia, Lao PDR, Mongolia, Singapore, Thailand, AAPA, IFALPA, US CAST and COSCAPs (SA, SEA & NA).

6.2   **AP-RASPAT ad-hoc WG Breakout Session:**

6.2.1.   Arising from the update by AP-RASPAT ad-hoc WG, the meeting adopted the Decisions as described under the presentation for WP/6.

6.3   **SRP WG Breakout Session:**

6.3.1.   Meeting adopted following Decision:

Decision APRAST 12/8 — Annual Safety Report (ASR) 2018	
That, Draft Annual Safety Report 2018 to be completed by June 2018 and be submitted for approval by the RASG-APAC/8.	*Expected impact*: ☐ Achievement of global and regional aviation safety priorities and targets ☒ Enhancement of USOAP Effective Implementation ☒ Monitoring and Administration ☐ Capacity Building and Sharing of Information ☐ Inter-Regional
Why: Development of draft ASR 2018	
When: 30 June 2018	**Status**: On going
Who: ☐ APRAST ☐ APAC-AIG ☒ SRP WG ☐ SEI WG ☐ Capacity Building TF ☐ APAC States/Administrations ☐ ICAO APAC RO ☐ ICAO HQ ☐ Other:	

Decision APRAST 12/9 — Time line for development of ASR 2019	
That, the SRP WG to finalize the timeline for the development of the 2019 APAC Annual Safety Reports by APRAST/13	*Expected impact*: ☒ Achievement of global and regional aviation safety priorities and targets ☒ Enhancement of USOAP Effective Implementation ☒ Monitoring and Administration ☐ Capacity Building and Sharing of Information ☐ Inter-Regional
Why: Development of ASR 2019.	
When: APRAST/13	**Status**: On going
Who: ☐ APRAST ☐ APAC-AIG ☒ SRP WG ☐ SEI WG ☐ Capacity Building TF ☐ APAC States/Administrations ☐ ICAO APAC RO ☐ ICAO HQ ☐ Other:	

Decision APRAST 12/10 — SRP WG Safety Risk Area	
The SRP WG to develop a process to prioritize the identified Regional Safety Risk Area(s) by APRAST/13.	*Expected impact*: ☒ Achievement of global and regional aviation safety priorities and targets ☐ Enhancement of USOAP Effective Implementation ☒ Monitoring and Administration ☐ Capacity Building and Sharing of Information ☐ Inter-Regional
Why: Enhancement of ASR	
When: APRAST/13	**Status**: In progress
Who: ☐ APRAST ☐ APAC-AIG ☒ SRP WG ☐ SEI WG ☐ Capacity Building TF ☐ APAC States/Administrations ☐ ICAO APAC RO ☐ ICAO HQ ☐ Other: FSF and IATA	

7.   AGENDA ITEM 7:   ANY OTHER BUSINESS

7.1   In response to an invitation by Co-Chair (States) requesting subject matter for a workshop for next meetings, China offered to hold a work shop on SSP implementation for APRAST/13 as the champion.

7.2   No other items were discussed

**8.   AGENDA ITEM 8:   REVIEW   AND   ADOPTION   OF   DECISIONS   AND
         CONCLUSIONS, INCLUDING ITEMS FOR CONSIDERATION AND APPROVAL
         AT RASG-APAC**

8.1   A list of APRAST/12 Decisions and Conclusions can be found at **Appendix E** to this
Report.

9.   AGENDA ITEM 9:   PRESENTATION OF APRAST/12 DRAFT REPORT

9.1   The Meeting reviewed and discussed the Draft APRAST/12 Report.

10.   AGENDA ITEM 10:   DATE AND VENUE OF NEXT MEETING

10.1   The Meeting noted that APRAST/13 Meeting would be tentatively scheduled in
3-7 December 2018 at Bangkok, Thailand.

10.2   The APRAST Co-chairs thanked the ICAO Asia and Pacific Office for hosting this
Meeting, all the delegates for their active participation and contribution, and the Secretariat for its
support for the Meeting.

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TWELFTH MEETING OF THE ASIA PACIFIC REGIONAL AVIATION SAFETY TEAM

Bangkok, Thailand, 28 May to 1 June 2018

Total Participants = 108

23 States / Administrations (APAC + USA)
9 International Organizations and Industry Partners

States / Administrations / International Organizations / Industry Partners	No. of participants
Afghanistan	-
Australia	1
Bangladesh	8
Bhutan	2
Brunei Darussalam	-
Cambodia	2
China	6
Hong Kong, China	4
Macao, China	5
Cook Islands	-
DPR Korea	-
Fiji	-
France	1
India	1
Indonesia	9
Japan	2
Kiribati	-
Lao PDR	3
Malaysia	1

States / Administrations / International Organizations / Industry Partners	No. of participants
Maldives	3
Marshall Islands	-
Micronesia (FS)	-
Mongolia	1
Myanmar	2
Nauru	-
Nepal	-
New Zealand	-
Pakistan	1
Palau	-
Papua New Guinea	-
Philippines	2
Republic of Korea	2
Samoa	-
Singapore	8
Solomon Islands	-
Sri Lanka	1
Thailand	22
Timor-Leste	-

States / Administrations / International Organizations / Industry Partners	No. of participants
Tonga	-
Tuvalu	-
United Kingdom	-
United States (FAA)	3
Vanuatu	-
Viet Nam	-
Int'l Org / Industry Partners	
AAPA	2
ACI	1
Airbus	2
Boeing	1
CAE Inc.	1
CANSO	1
FSF	2
IATA	2
IFALPA	1
ICAO	6

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List of Updated RASG-APAC/7 Decisions and Conclusions

Decision Ref.	Description	Remarks
Decision RASG-APAC 7/1 WP/2 – Review of Progress of RASG-APAC/6 Decisions and Conclusions	That, the Meeting endorse the closure recommendation described for Decision RASG-APAC 5/6 in Attachment A and the 9 Decisions and 23 Conclusions of RASG-APAC/6 in Attachment B to WP/2 as closed as actions have been carried out to meet the intent of these Decisions.	**Propose to close**. Decision noted.
Decision RASG-APAC 7/2 WP/3 – Update of RASG-APAC 2016/2017 Work Programme	That, the recommended items as described in the Attachment to WP/3 be closed and removed from the RASG-APAC 2016/17 Yearly Work Programme.	**Propose to close**. Decision noted Recommended items as described in the Attachment to WP/3 removed.
Decision RASG-APAC 7/3 WP/4 – Review of Decisions and Conclusions Adopted at APRAST/9 and APRAST/10 and its Progress	That, Conclusions adopted at APRAST/9 and APRAST/10 as described in Attachments A and B are endorsed.	**Propose to close**. Decision noted.
Decision RASG-APAC 7/4 WP/5– Update on Asia Pacific Regional Priorities and Targets	That, the proposed changes to Regional Aviation Safety Priorities and Targets are approved: a) Title of Regional Priority 2 - "Improvements to safety oversight ~~and compliance~~/Industry safety ~~certification~~ audits"; b) First target under Regional Priority 1 - "RASG-APAC to complete the development of current identified priority SEIs by ~~end 2016~~ end- 2017"; c) Fourth to sixth targets under Regional Priority 2 - "By ~~end of 2017~~ 2020 　　(1) ~~maintain at least 60% of~~ increase the	**Proposed to close**. Decision noted Proposed Changes to Regional Aviation Safety Priorities and Targets approved. (Decision RASG-APAC 7/4 refers) Proposed changes incorporated and updated Regional Aviation Safety Priorities and Targets available on the RASG-APAC/APRAST website.

Decision Ref.	Description	Remarks
	number of IOSA registered ~~applicable~~ APAC airlines ~~to be IOSA certified~~ by 50% over end-2016 figures; (2) ~~achieve at least 15% of~~ increase the number of ISSA registered ~~applicable~~ APAC airlines ~~to be ISSA certified~~ by 15% over end-2016 figures; (3) pursue ~~at least a~~ 50% increase in ISAGO registrations over end-2016 figures"; and Third target under Regional Priority 4 - "By 2020, pursue 50% increase in participation in flight data sharing initiatives by ~~of~~ APAC air operators, with aircraft of mass 27,000kg ~~and~~ above, over end-2016 figures ~~participating in flight data sharing initiative by 2016~~".	
Decision RASG-APAC 7/5 WP/5– Update on Asia Pacific Regional Priorities and Targets	That, APRAST review the Asia Pacific Regional Priorities and Targets to achieve greater alignment with the ICAO Global Aviation Safety Plan, taking into account latest industry developments and current and emerging issues; and complete the review by RASG-APAC/8 in 2018.	APRAST/11 update: An ad-hoc Working Group has been established with timeline to review APAC Regional Priorities to achieve greater alignment with the ICAO Global Aviation Safety Plan. The Meeting also agreed to use the key considerations for the review of the Asia Pacific Regional Aviation Safety Priorities and Targets. APRAST/12 update: That, the proposed changes of Regional Priorities and Targets described in Appendix C of WP-06 be submitted for approval at RASG-APAC/8. (Decision APRAST 12/4 & 12/3 refers)
Decision RASG-APAC 7/6	That, the proposed guidance material as attached to	**Propose to close**.

Decision Ref.	Description	Remarks
WP/20 – Safety Enhancement Initiative (SEI) Output for RASG Consideration and Approval	the paper as the combined outputs of both SEI LOC/2 and SEI LOC/4 is approved.	Decision noted.
Decision RASG-APAC 7/7 WP/15 –Proposed RASG-APAC 2017/2018 Yearly and Standing Work Programmes	That, the proposed RASG-APAC 2017/2018 Yearly and Standing Work Programme are approved, taking into the account the discussions of RASG-APAC/7 on top of Attachment A of WP/15.	**Propose to close**. Decision noted.

List of RASG-APAC/7 Conclusions

Conclusion Ref.	Description	Remarks
Conclusion RASG-APAC 7/1 WP/6 – Update on Work done by APAC-AIG	That, States/Administrations be strongly encouraged to: a) Establish an independent accident investigation authority; b) Pledge support to the APAC Code of Conduct on Cooperation relating to Civil Aviation Accident/Incident Investigations; and c) Provide input to the APAC Database of Investigation Agencies.	**Proposed to close**. Decision noted SL ref T 6/8.3.1 – AP076/17 dated 27 July issued. Strongly encouraging States/Administrations to: a) Establish an independent accident investigation authority; b) Pledge support to the APAC Code of Conduct on Cooperation relating to Civil Aviation Accident/Incident Investigations; and c) Provide input to the APAC Database of Investigation Agencies.

Conclusion Ref.	Description	Remarks
Conclusion RASG-APAC 7/2 WP/9 – Regulation of small Unmanned Aircraft in Hong Kong, China	That, ICAO be requested to: a) Coordinate with ISO the work to enhance safety of UAS/RPAS; and b) expedite the development of appropriate classification, manufacture, operational and safety management of small UAS, including those for recreational use, with a view to enhancing public safety as well as safety of manned aircraft.	**Propose to close**. Decision noted IOM ref T 6/8.1.1 – AP-FS0104/17 dated 24 July 2017 issued for ICAO consideration. <u>ICAO Feedback</u>: The Chair of the ISO group is part of the ICAO RPAS and drone work teams and are already working on the related matters. States are urge to make use to UAS Toolkit https://www4.icao.int/uastoolkit/home/about which contains extensive guidance material.
Conclusion RASG-APAC 7/3 WP/14 – Regional Data Collection, Analysis and Information Sharing Status Report	That, States/Administrations and industry are encourage to participate in the Demonstration Project through the submission of the Statement of Intent to FSF and MITRE as soon as possible.	**Proposed to close**. Decision noted SL ref T 6/8.1.1 – AP080/17 dated 27 July issued, encouraging States/Administrations and industry to participate in the Demonstration Project through the submission of the Statement of Intent to FSF and MITRE as soon as possible.

Conclusion Ref.	Description	Remarks
Conclusion RASG-APAC 7/4 WP/16 – Progress Report on the implementation of the ICAO Universal Safety Oversight Audit Programme Continuous Monitoring Approach (USOAP CMA)	That States are urged to fulfil their obligations under the USOAP CMA Memorandum of Understanding (MOU) and to take actions as needed to provide up-to-date information on their safety oversight systems, with particular attention to: a) States with an SSC, focus on implementing sustainable corrective and immediate mitigation actions to resolve the SSC with a high priority; b) complete and update the Corrective Action Plans (CAPs) on the On-line Framework (OLF), as required; c) implement CAPs and report progress on the OLF, informing the ICAO Regional Office when ready for validation; d) complete the compliance checklist/EFOD and self-assessment of the PQs on the OLF, including uploading the evidence documents; and e) request assistance from the ICAO Regional Office and/or COSCAP/RSOO, if required.	**Propose to close**. Decision noted. SL ref T 6/8.1.1 – AP079/17 (FS) dated 31 July 2017 issued to remind States of its obligations under the USOAP CMA Memorandum of Understanding (MOU) and to take actions for the items (a) to (e).
Conclusion RASG-APAC 7/5 WP/17 – Proposed global strategy and action plan for the improvement of Regional Safety Oversight Organizations (RSOOs) and the establishment of a global system for the provision of safety oversight	That, ICAO present the proposed global strategy and action plan to improve RSOOs and the establishment of a global system for the provision of safety oversight, including the study of a proposed global aviation safety oversight system (GASOS), to the next APAC DGCA Conference for consideration and support.	**Propose to close**. Decision noted IOM ref T 6/8.1.1 – AP-FS0105/17 dated 24 July 2017 issued for ICAO consideration.

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UPDATED RASG-APAC 2017/2018 YEARLY AND STANDING WORK PROGRAMME

					RASG APAC YEARLY WORK PROGRAMME (2017-2018)	
S/N	Decision RASG-APAC	APRAST Ref	Subject Ref (if any)	Champion	Brief Description	Status
1	4/10	Conclusion APRAST 5/13 Decisions APRAST 7/35, 8/12 APRAST/10 Report para 6.5.5	LOC 6	COSCAP-NA	**Upset Prevention Recovery Training (UPRT)**	**Propose to close and remove.** APRAST/10 noted ICAO EB (EB 2017/21 AN 12/11.6) dated 12 April 2017 which notified ICAO Member States about the publication of Airplane Upset Prevention and Recovery Training Aid (AUPRTA) by ICAO (and OEMs) in February 2017 and the impending update of Manual on Aeroplane Upset Prevention and Recovery Training (Doc 10011). While the two documents would address SEI LOC/6 to a large extent, APRAST/10 requested that SEI WG consider providing guidance for regulators to implement ICAO UPRT requirements. SEI WG reviewed and determined that ICAO Doc 10011 and Doc 9868 for UPRT already provide detailed guidance for regulators.
2	2/2 Decision RASG-APAC 7/6	Conclusion APRAST 2/51 Decision APRAST 8/10 Decision APRAST 10/6	LOC 2	AAPA	**Hazard Identification and Risk Management.** The implementation of safety management practices (hazard identification and risk management) into operational processes & decision making. (Paragraph 3.2 of LOC working group report refers.)	**Propose to close and remove.** That, the proposed guidance material as attached to the paper as the combined outputs of both SEI LOC/2 and SEI LOC/4 is approved. (**Dec RASG-APAC 7/6 refers**) Approved guidance material uploaded on the RASG-APAC/APRAST website and monitoring mechanism.
3	2/2 Decision RASG-APAC 7/6	Conclusion APRAST 2/53 Decision APRAST 8/11 Conclusion APRAST 10/9	LOC 4	DCA Malaysia	**LOC 4 -- Flight Crew Proficiency.** The appropriate use of trend information from Safety Management Systems (SMS) in the training and qualification processes to mitigate risk that could lead to a LOC event. (LOSA, non-punitive reporting systems, FDA, etc). (Paragraph 3.4 of LOC working group report refers.)	**Propose to close and remove.** That, the proposed guidance material as attached to the paper as the combined outputs of both SEI LOC/2 and SEI LOC/4 is approved. (**Dec RASG-APAC 7/6 refers**) Approved guidance material uploaded on the RASG-APAC/APRAST website and monitoring mechanism.

S/N	Decision RASG-APAC	APRAST Ref	Subject Ref (if any)	Champion	Brief Description	Status
4	4/4, 4/23	Decisions APRAST 5/9, 6/28 and 7/23 Conclusion APRAST 5/4 Decision APRAST 10/4 APRAST/10 Report para 6.5.11	-	APRAST Co-Chairs	**Coordination with APANPIRG and its sub-groups** Pursue the development of the coordination mechanism between APANPIRG and RASG-APAC at the next APANPIRG – RASG-APAC coordination meeting in 2015. The coordination mechanism should address issues such as: a. the attendance of RASG-APAC /APRAST representatives at relevant APANPIRG bodies and vice versa; b. the development of an analysis body (similar to the RMA/EMA models that report to RASMAG for vertical and horizontal safety analysis) that manages ATS safety concerns/occurrences for onward reporting to APRAST/RASG-APAC; and c. the review and endorsement of subsequent versions of the APAC Seamless ATM Plan by APANPIRG and RASG-APAC.	In addition to the progress updated at previous meetings, APRAST/10 agreed to focus on the following three issues: *large height deviations*, *English language proficiency* and *terrain/obstacle databases*, with respect to coordination between APANPIRG and RASG-APAC. **Decision APRAST 10/4 refers**. APRAST/10 also agreed for SRP WG to work with IATA to obtain more information on issues related to TCAS-RA and Large Height Deviations for further discussion at APRAST/11. (**APRAST/10 Report para 6.5.11 refers**) APANPIRG and RASG-APAC Secretariats discussed. As the topics on large height deviations and terrain/obstacle databases are already being looked at in APANPIRG, it is recommended RASG-APAC do not duplicate work for these subjects and that SRP WG to take up the subject on English Language proficiency for discussion with between APANPIRG Further discussion at APRAST/12. APRAST/12 update: No further discussion in APRAST/12
5	2/3, 4/23	Conclusions APRAST 2/2 and 5/2	-	Secretariat	**Nomination of a point of contact (PoC) for RASG-APAC/APRAST activities**	SL T 6/8.7 - AP0009/16(FS) was sent in Jan 2016 to seek updates on the nominated point-of-contacts (PoC). Reminders were sent to those States without nominees. There are still States without nominees. Reminders for nomination of PoC were sent to six remaining States in Feb 2017. APRAST/11 update: States/ Administrations and Industry were urged to review and update APRAST Secretariat on their Points of Contact (POCs), and remind that POCs are responsible for coordinating SEI implementation status updates for their respective States / Administrations. APRAST/12 update During APRAST/12 workshop on SEI Implementation, secretariat emphasized on the importance of identification of a POC. Idonesia nominated a POC prior to APRAST/12
6		Decisions APRAST 7/3, 8/24	-	Secretariat Nokscoot	**Dedicated web portal for RASG-APAC/APRAST** Develop a two-tier online access to RASG-APAC website to allow for: a. A documents management system for public view; and b. A protected workspace to allow APRAST members to collaborate and exchange working information. This item aims to enhance access and visibility of RASG-APAC/ APRAST work and for more efficient collaboration among its members.	NokScoot and Secretariat have outlined the scope and contents of the two-tier website. NoksScoot presented the progress of the protected workspace for APRAST members to collaborate and exchange working information which included the scope and outline of the two-tier web site for RASG-APAC. NokScoot will continue to develop the website and later its website user guide. APRAST/12 update: No further update from the champion.

S/N	Decision RASG-APAC	APRAST Ref	Subject Ref (if any)	Champion	Brief Description	Status
7		Decision APRAST 8/8 Decision APRAST 9/2 Decision APRAST 9/3 Decision APRAST 10/2 Conclusion APRAST 10/4	-	APAC-AIG	**Initiatives to improve accident investigation capabilities** Identify potential initiatives to help improve accident investigation capabilities and USOAP AIG EI rates of States/ Administrations	**Propose to close.** ICAO APAC Office conducted a survey in December 2016 on training demands for accident investigation topics. The results were noted by APAC-AIG, and States/Administrations were encouraged to consider volunteering to host and/or organise training on the topics identified from the survey. Training on the following topics have already been organised in 2017 so far: • ICAO APAC Regional Workshop on Protection of Safety Information, held in Bangkok on 2-4 May 2017 • Meteorological Aspect in Investigation, held by TSIB Singapore on 22-23 May 2017 (training opened to other States/Administrations) • Cabin Safety Investigation Workshop, held by TSIB Singapore on 24-26 May 2017 (training opened to other States/Administrations) • ICAO APAC Regional Accident Investigation Workshop on improving USOAP AIG Effective Implementation rate, hosted by Singapore on 3-4 August 2017 As regards improvement of USOAP AIG Effective Implementation rate, APAC-AIG noted the following feedback from the participants at the Regional Workshop in Singapore: a) Future workshops aiming at improving States/ Administrations' Effective Implementation rate to include group exercises to practise formulating answers to the protocol questions (PQs). b) States/Administrations to share their experiences in future workshops after they have been audited by ICAO. APAC-AIG will continue to encourage States/Administrations to offer AIG training (courses/exercises/workshops/seminars/ conferences) and include such training opportunities in its workplan.

S/N	Decision RASG-APAC	APRAST Ref	Subject Ref (if any)	Champion	Brief Description	Status
8		Decisions APRAST 7/31, 8/13 Decision APRAST 10/5	RE 1	FSF and IFALPA	**Causal factors with pilot decision to not go-around** Promote pilot adherence to SOPs for approaches including go-around decision making	FSF presented to APRAST/10 its report on Go-Around Decision- Making and Execution Project Report related to SEI RE/1. FSF, with assistance from Secretariat, will disseminate the report to APRAST members, to seek comments on the report's recommendations, for discussion on possible next steps at APRAST/11. SL Ref T 6/8.2.1 - AP075/17 (FS) dated 21 July 2017 and FSF Report disseminated with deadline for comment by 29 Sep 2017 - 5 responses received. FSF and SEI WG updated. SEI WG is working with FSF to review the responses. Pending further up from SEI WG. APRAST/11 update: Following the SEI WG Breakout Session, it was decided that with assistance FSF and IATA will circulate the list of prioritized recommendations to APRAST members to seek comments for discussion on possible next steps at APRAST12 APRAST/12 update: (Decision APRAST12/6 refers) FSF and IATA to provide the Secretariat with the 10 priority items to be circulated to APRAST members for further clarification, if any in order to decide any item as APAC SEI.
9		Decision APRAST 8/21 Conclusions APRAST 8/11, 8/12 APRAST/10 Report para 6.4.4	-	AP-SRP WG	**Production of APAC Annual Safety Report** Produce the 2016 APAC Annual Safety Report by the APRAST/9 meeting; and Produce the 2017 APAC Annual Safety Report for submission to RASG-APAC/7 for appoval.	SRP WG had completed and published both the 'public' and 'member' versions of the Annual Safety Report 2016. APRAST/11 update: The SRP WG updated the plenary that 2017 Annual Safety Report is on schedule for publication in end-November 2017. The timeline for development of the 2018 Annual Safety Report has been established. APRAST/12 update: (Decisions APRAST12/8 & APRAST 12/9 rferes) Draft Annual Safety Report 2018 to be completed by June 2018 and be submitted for approval by the RASG-APAC/8, and SRP WG to finalize the timeline for the development of the 2019 APAC Annual Safety Reports by APRAST/13

S/N	Decision RASG-APAC	APRAST Ref	Subject Ref (if any)	Champion	Brief Description	Status
10		Decision APRAST 9/21

Conclusion APRAST 10/10 | - | ICAO APAC | **Organisation of suitable activities to improve AGA EI scores**

Consider organising suitable activities such as regional/ sub-regional workshops, to address gaps identified from the analysis of AGA EI scores | **Propose to close and remove.**
ICAO together with Industry have organised the following activities:
1) ACI Developing Nations Airport Assistance Programme, ACI/ICAO Aerodrome Certification, Sydney, Australia, 26-30 June 2017;
2) ACI/ICAO Aerodrome Certification, Kuala Lumpur, Malaysia, 13-17 November 2017;
3) ICAO Aerodrome SMS Course including PANS/Aerodromes, 13-17 November 2017, ICAO APAC Office, Bangkok (under GAT)
https://www.icao.int/training/Pages/training-catalogue-details.aspx?catid=395&language=0&region
4) A workshop on functionality of applications of iSTARS programmes tentatively planned for Jan 2018.
IPAV on-site missions organised by ICAO APAC for identified APAC States.
ICAO Professional Aviation Volunteers (IPAV) programme initiated.
IPAV mission to Cambodia completed. IPAV missions for Fiji scheduled for November 2017 with Timor-Leste in December 2017.
IPAV programme for 2018 will continue. |
| 11 | Decision RASG-APAC 7/5

Decision RASG-APAC 7/7 | - | - | APRAST Co-Chairs | **Asia Pacific Regional Priorities and Targets**
That, APRAST review the Asia Pacific Regional Priorities and Targets to achieve greater alignment with the ICAO Global Aviation Safety Plan, taking into account latest industry developments and current and emerging issues; and complete the review by RASG-APAC/8 in 2018. | APRAST/11 update:
An ad-hoc Working Group has been established with timeline to review APAC Regional Priorities to achieve greater alignment with the ICAO Global Aviation Safety Plan. The Meeting also agreed to use the key considerations for the review of the Asia Pacific Regional Aviation Safety Priorities and Targets.

APRAST/12 update: (Decision APRAST12/3 & APRAST12/4 referes)
Proposed Mechanism (Mechanism mentioned in APRAST/12 WP-06) for future review of Regional Priorities and Targets be submitted for approval at RASG-APAC/8, and
proposed changes of Regional Priorities and Targets described in Appendix of WP-06 be submitted for approval at RASG-APAC/8 |

				RASG APAC STANDING WORK PROGRAMME		
S/N	Decision RASG-APAC	APRAST Ref	Subject Ref	Champion	Brief Description	Status
				Nil		

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UPDATE ON APRAST/11 DECISIONS AND CONCLUSIONS

APRAST Decision / Conclusion Number	Description	Status
Decision APRAST 11/1 — UPRT Provision Implementation and Guidance – WP/5	Subject to RASG approval on LOC6 Secretariat to include ICAO Doc 10011, Doc 9868 and AUPRTA as guidance material on the RASG-APAC / APRAST website.	**Proposed to be closed.** ICAO Doc 10011, Doc 9868 and AUPRTA as guidance material uploaded in APAC Website. Waiting for approval on LOC6 by RASG-APAC/8.
Decision APRAST 11/2 — Update of APRAST/9 and APRAST/10 Decisions and Conclusions – WP/6	Decision APRAST 9/15 related to LOC6 be considered closed due to update provided at APRAST/11.	**Closed.**
Decision APRAST 11/3 — RE/1 – Causal factors with pilot decision to not go-around	with assistance from Secretariat, FSF and IATA will circulate the list of prioritized recommendations to APRAST members to seek comments for discussion on possible next steps at APRAST/12.	**Open.** The list containing Prioritized items will be taken up during SEI WG Break Out Session of APRAST/12. APRAST/12 update: FSF and IATA to provide the Secretariat with the 10 priority items to be circulated to APRAST members for further clarification, if any in order to decide any item as APAC SEI.
Decision APRAST 11/4 — SEI items in the emerging register	SEIs of "Airplane state awareness – effective upset prevention and recovery training" and "Policy and training for non-normal situations", currently in Emerging Issues Registry, be considered closed, as these are addressed by LOC/6	**Closed.** Already inserted to ICAO-APAC Emerging Registry.
Decision APRAST 11/5 — Cabin Safety (SE/78)	SEI of Turbulence Procedures for Reducing Cabin Injuries will be put into the emerging issue registry	**Closed.** Already inserted to ICAO-APAC Emerging Registry.

APRAST Decision / Conclusion Number	Description	Status
Decision APRAST 11/6 — Cabin Safety (SE/78)	SEI WG will request further information from SRP WG regarding the details in the occurrences of cabin injuries during in-flight in APAC.	**Open.** No further information received from SRP WG. APRAST/12 update: SRP WG has not received any reports on occurrences on cabin injuries. Further discussion in APRAST13.
Conclusions		
Conclusion APRAST 11/1 — Revision of Regional Priorities and Targets (WP/7) and Proposed Review of Asia-Pacific Aviation Safety Regional Priorities and Targets (WP/15)	APRAST, with support from ICAO APAC office, establish an ad-hoc Working Group comprising States/Administrations and Industry (see updated Terms Of Reference in Addendum to WP/15) review and propose updates to the Asia Pacific Regional Aviation Safety Priorities and Targets at APRAST/12 with a view to seek approval at RASG-APAC/8.	**Open.** AP-RASPAT Ad-hoc Working Group is formed and will present a WP/6 in APRAST/12. APRAST/12 update: the proposed changes of Regional Priorities and Targets described in Appendix C of WP/06 be submitted for approval at RASG-APAC/8
Conclusion APRAST 11/2 — **Update of Outcome of 4th APANPIRG/RASG-APAC Coordination Meeting / 54th DGCA Conference (WP/10)**	RASG-APAC consider developing a performance-based safety oversight manual for oversight of ANSPs, taking into consideration availability of expertise	**Open.** To be forwarded to RASG/8 for consideration & advise. Meanwhile, secretariat is seeking SME volunteers from RASMAG/ATM-SG to help develop the manual.

APRAST Decision / Conclusion Number	Description	Status
Conclusion APRAST 11/3 — Proposal for APAC-AIG Direct Reporting to RASG-APAC – WP/11	APRAST Secretariat continue coordination with APAC-AIG to develop and propose the necessary changes to the existing documents to reflect the direct reporting of APAC-AIG to RASG-APAC.	**Open.** WP/13 will be presented by the APAC-AIG/Secretariat and forward the same to RASG/8 for approval. APRAST/12 update: Revised TOR will be submitted by the secretariat to RASG-APAC/8 for approval.
Conclusion APRAST 11/4 — Airspace Safety Reporting – WP/12	with assistance from Secretariat, to conduct a survey, using similar survey questionnaire from the RASMAG survey, to gauge the safety reporting culture practices of RASG-APAC member States/Administrations and provide feedback to RASMAG	**Proposed to close.** State Letter (ref T 6/8.2.1-AP151/17) issued with Survey Questionnaire and few feedback received (15 States/Administrations). Feedback is forwarded RASMAG.
Conclusion APRAST 11/5 — Airspace Safety Reporting – WP/12	APAC States/Administrations are urged to review the APAC Seamless ATM Plan's Human Performance Elements at Attachment C to this Paper for use if suitable	**Proposed to close.** State Letter sent on the subject to all APAC States, very little feedback yet (six States/ Administrations). No further discussions during APRAST/12 . To be forwarded to RASG-APAC/8 approval.
Conclusion APRAST 11/6 — Airspace Safety Reporting – WP/12	APAC States/Administrations are urged to review applicable national regulations, policies and safety promotion material to ensure a clear commitment to 'just culture', i.e. supporting open reporting as part of a more effective safety reporting practice.	**Proposed to close** State Letter sent on the subject. Pending RASG-APAC/8 approval. APRAST/12 update: (Final report Para 5.8.1 refers) The meeting encouraged all to start and continue the 'Just Culture' conversation in own organization and share each other's experience and lessons' learned in Just Culture.

APRAST Decision / Conclusion Number	Description	Status
Conclusion APRAST 11/7 — LOC/6 - Upset Prevention Recovery Training (UPRT)	That, RASG-APAC consider: a) requesting States/Administrations to note the ICAO SARPs regarding upset prevention and recovery training (UPRT) in Annex 1 and Annex 6, Part I; b) encouraging States/Administrations to take actions to implement these ICAO Annexes provisions regarding the UPRT if they have not yet done so; c) encouraging APRAST members to review and utilize the guidance, procedures and recommendations in ICAO Doc 10011, Doc 9868 and AUPRTA to implement the ICAO UPRT SARPs; and d) closing SEI LOC/6 and removed SEI LOC/6 from the work programme.	**Proposed to close** Items (a), (b) & (c) have been accomplished whereas (d) on SEILOC/6 requires endorsement from RASG/8 to be removed from the work program. No further discussions during APRAST/12 To be forwarded for RASG-APAC/8 endorsement.
Conclusion APRAST 11/8 — Update of SRP WG Breakout Session	SRP WG will present a WP during APRAST/12 on the possible restructuring of the ASR Process in future to accommodate the following points: a) Provisions to accommodate the comments of the participants in the report prior to finalizing the same; b) To indicate that the contents of the report have unified approach; c) To address the emerging safety issues specific to the region; To consider safety issues that may be highlighted from other Agencies	**Open.** WP/10 submitted to be presented by SRP WG in APRAST/12. APRAST/12 update: Meeting endorsed the proposed areas of safety enhancements to the APAC Annual Safety Report as listed from Paragraph 2.2 to 2.7 of WP/10 presented by Singapore. To be forwarded for RASG/8 approval.

— END —

LIST OF APRAST/12 DECISIONS AND CONCLUSIONS

LIST OF APRAST/12 DECISIONS

Decision APRAST 12/1 — Update of APRAST/10 and APRAST/11 Decisions and Conclusions – WP/4	
That, the recommendations of APRAST/11 Conclusions as summarised in **Appendix D** be submitted for RASG-APAC/8 for endorsement.	*Expected impact*: ☐ Achievement of global and regional aviation safety priorities and targets ☐ Enhancement of USOAP Effective Implementation ☒ Monitoring and Administration ☐ Capacity Building and Sharing of Information ☐ Inter-Regional
Why: Update of APRAST Decision and Conclusion status	
When: Immediate	**Status**: Completed
Who: ☒ APRAST ☐ APAC-AIG ☒ SRP WG ☒ SEI WG ☐ Capacity Building TF ☐ APAC States/Administrations ☒ ICAO APAC RO ☐ ICAO HQ ☐ Other:	

Decision APRAST 12/2 — Proposal for APAC-AIG direct reporting to RASG-APAC and change of the ToRs in RASG-APAC Procedural Handbook (WP/13)	
That, proposed changes to the APAC AIG ToRs as described in Appendix C (WP/13) be submitted for RASG/8 endorsement.	*Expected impact*: ☐ Achievement of global and regional aviation safety priorities and targets ☐ Enhancement of USOAP Effective Implementation ☒ Monitoring and Administration ☐ Capacity Building and Sharing of Information ☐ Inter-Regional
Why: AIG reporting to RASG	
When: RASG-APAC/8	**Status**: In progress
Who: ☐ APRAST ☒ APAC-AIG ☐ SRP WG ☐ SEI WG ☐ Capacity Building TF ☐ APAC States/Administrations ☒ ICAO APAC RO ☐ ICAO HQ ☐ Other:	

Decision APRAST 12/3 — Outcomes of the Review of the Asia Pacific Regional Aviation Safety Priorities and Targets (WP/6)	
That, the Proposed Mechanism (Mechanism mentioned in APRAST/12, WP/6) for future review of Regional Priorities and Targets be submitted for approval at RASG-APAC/8.	*Expected impact*: ☒ Achievement of global and regional aviation safety priorities and targets ☐ Enhancement of USOAP Effective Implementation ☐ Monitoring and Administration ☐ Capacity Building and Sharing of Information ☐ Inter-Regional
Why: Updating Regional Priorities and Targets	
When: RASG-APAC/8	**Status**: In progress
Who: ☒ APRAST ☐ APAC-AIG ☐ SRP WG ☐ SEI WG ☐ Capacity Building TF ☐ APAC States/Administrations ☒ ICAO APAC RO ☐ ICAO HQ ☐ Other	

Decision APRAST 12/4 — Outcomes of the Review of the Asia Pacific Regional Aviation Safety Priorities and Targets (WP/6)	
That, the proposed changes of Regional Priorities and Targets described in Appendix C of WP/6 be submitted for approval at RASG-APAC/8.	*Expected impact*: ☒ Achievement of global and regional aviation safety priorities and targets ☒ Enhancement of USOAP Effective Implementation ☐ Monitoring and Administration ☐ Capacity Building and Sharing of Information ☐ Inter-Regional
Why: Updating Regional Priorities and Targets	
When: Immediate	**Status:** In Progress
Who: ☐ APRAST ☐ APAC-AIG ☐ SRP WG ☐ SEI WG ☐ Capacity Building TF ☒ APAC States/Administrations ☒ ICAO APAC RO ☐ ICAO HQ ☒ Other	

Decision APRAST 12/5 — Presentation on GASP and NASP - Secretariat	
That, the Secretariat to present a Working Paper at RASG-APAC/8 on the need to develop a Regional Aviation Safety Plan (RASP).	*Expected impact*: ☒ Achievement of global and regional aviation safety priorities and targets ☐ Enhancement of USOAP Effective Implementation ☒ Monitoring and Administration ☒ Capacity Building and Sharing of Information ☐ Inter-Regional
Why: In line with GASP 2020-2022	
When: RASG-APAC/8	**Status**: In progress
Who: ☐ APRAST ☐ APAC-AIG ☐ SRP WG ☐ SEI WG ☐ Capacity Building TF ☐ APAC States/Administrations ☒ ICAO APAC RO ☐ ICAO HQ ☐ Other	

Decision APRAST 12/6 — SEI WG Break Out Session – RE/1	
That, FSF and IATA to provide the Secretariat with the 10 priority items to be circulated to APRAST members for further clarification, if any in order to decide any item as APAC SEI.	*Expected impact*: ☒ Achievement of global and regional aviation safety priorities and targets ☒ Enhancement of USOAP Effective Implementation ☒ Monitoring and Administration ☐ Capacity Building and Sharing of Information ☐ Inter-Regional
Why: Address RE operational risks	
When: August 2018	**Status**: Ongoing
Who: ☒ APRAST ☐ APAC-AIG ☐ SRP WG ☐ SEI WG ☐ Capacity Building TF ☒ APAC States/Administrations ☒ ICAO APAC RO ☐ ICAO HQ ☒ Other: FSF, IATA	

Decision APRAST 12/7 — SEI Implementation Survey	
That, SEI WG to prepare a survey on current SEI implementation for secretariat to disseminate to APRAST members to seeking feedback on applicability, priority, implementation challenges as well as if any particular assistance is required during the SEI implementation.	*Expected impact*: ☒ Achievement of global and regional aviation safety priorities and targets ☒ Enhancement of USOAP Effective Implementation ☒ Monitoring and Administration ☐ Capacity Building and Sharing of Information ☐ Inter-Regional
Why: To get details feedback from APRAST Members on the APAC SEIs implementation.	
When: August 2018	**Status**: On going
Who: ☒ APRAST ☐ APAC-AIG ☐ SRP WG ☒ SEI WG ☐ Capacity Building TF ☒ APAC States/Administrations ☐ ICAO APAC RO ☐ ICAO HQ ☒ Other: SEI RG	

Decision APRAST 12/8 — Annual Safety Report (ASR) 2018	
That, Draft Annual Safety Report 2018 to be completed by June 2018 and be submitted for approval by the RASG-APAC/8.	*Expected impact*: ☐ Achievement of global and regional aviation safety priorities and targets ☒ Enhancement of USOAP Effective Implementation ☒ Monitoring and Administration ☐ Capacity Building and Sharing of Information ☐ Inter-Regional
Why: Development of draft ASR 2018	
When: 30 June 2018	**Status**: On going
Who: ☐ APRAST ☐ APAC-AIG ☒ SRP WG ☐ SEI WG ☐ Capacity Building TF ☐ APAC States/Administrations ☐ ICAO APAC RO ☐ ICAO HQ ☐ Other:	

Decision APRAST 12/9 — Time line for development of ASR 2019	
That, the SRP WG to finalize the timeline for the development of the 2019 APAC Annual Safety Reports by APRAST/13	*Expected impact*: ☒ Achievement of global and regional aviation safety priorities and targets ☒ Enhancement of USOAP Effective Implementation ☒ Monitoring and Administration ☐ Capacity Building and Sharing of Information ☐ Inter-Regional
Why: Development of ASR 2019.	
When: APRAST/13	**Status**: On going
Who: ☐ APRAST ☐ APAC-AIG ☒ SRP WG ☐ SEI WG ☐ Capacity Building TF ☐ APAC States/Administrations ☐ ICAO APAC RO ☐ ICAO HQ ☐ Other:	

Decision APRAST 12/10 — SRP WG Safety Risk Area	
The SRP WG to develop a process to prioritize the identified Regional Safety Risk Area(s) by APRAST/13.	*Expected impact*: ☒ Achievement of global and regional aviation safety priorities and targets ☐ Enhancement of USOAP Effective Implementation ☒ Monitoring and Administration ☐ Capacity Building and Sharing of Information ☐ Inter-Regional
Why: Enhancement of ASR	
When: APRAST/13	**Status**: In progress
Who: ☐ APRAST ☐ APAC-AIG ☒ SRP WG ☐ SEI WG ☐ Capacity Building TF ☐ APAC States/Administrations ☐ ICAO APAC RO ☐ ICAO HQ ☐ Other: FSF and IATA	

LIST OF APRAST/12 CONCLUSION

<table>
<tr>
<td colspan="2">Conclusion APRAST 12/1 — IATA-ICAO Workshop on IOSA Programme – WP/14</td>
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<tr>
<td>That, IATA to liaise with the Secretariat to facilitate the IOSA Audit Workshop.</td>
<td><i>Expected impact</i>:
☐ Achievement of global and regional aviation safety priorities and targets
☐ Enhancement of USOAP Effective Implementation
☒ Monitoring and Administration
☐ Capacity Building and Sharing of Information
☐ Inter-Regional</td>
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<tr>
<td colspan="2">Why: Collaboration between ICAO and IATA</td>
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<tr>
<td>When: September 2018</td>
<td>Status: In progress</td>
</tr>
<tr>
<td colspan="2">Who: ☐ APRAST ☐ APAC-AIG ☐ SRP WG ☐ SEI WG ☐ Capacity Building TF
        ☐ APAC States/Administrations ☒ ICAO APAC RO ☐ ICAO HQ ☒ Other: IATA</td>
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