



International Civil Aviation Organization

Fifth Meeting of the Asia Pacific Regional Aviation Safety Team (APRAST/6)

(Bangkok, Thailand, 6 – 10 April 2015)

Agenda Item 4: Update, Discussion and Review of APRAST Activities

UPDATE OF APRAST/5 DECISIONS AND CONCLUSIONS

(Presented by the Secretariat)

SUMMARY

This Paper presents the progress of the decisions and conclusions adopted at APRAST/5 in September 2014.

Action by the meeting is at Paragraph 3.

1. INTRODUCTION

1.1 This paper is to update the meeting on the progress of the decisions and conclusions adopted at APRAST/5 in September 2014.

2. DISCUSSION

2.1 APRAST/5 adopted 23 decisions and 18 conclusions. Details of their status are described in **Attachment A**.

2.2 Except for the four APRAST/5 decisions highlighted below, Secretariat proposes that the other decisions adopted at APRAST/5 be closed. The four APRAST/5 decisions requiring further attention are:

- i) **APRAST 5/10**, on development of a RASG-APAC Procedural Handbook, final draft targeted for presentation at APRAST/7;
- ii) **APRAST 5/14**, on development of a dedicated webpage for RASG-APAC/APRAST, Co-Chair (industry) to update;
- iii) **APRAST 5/16**, SEI RI 1 on Runway Incursion Prevention and ATC Training and **APRAST 5/17**, SEI RI/2 on Runway Incursion Prevention and Pilot Training require further discussion at APRAST/6.

2.3 Secretariat is also proposing that except for **Conclusion 5/12**, pending revision to the draft Advisory Circular, all other conclusions adopted at APRAST/5 be closed.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) review the progress of the APRAST/5 decisions and conclusions;
 - b) consider the recommendation indicated for each item in **Attachment A**; and
 - c) continue to support RASG-APAC and APRAST activities.
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Status of APRAST/5 Decisions and Conclusions

APRAST/5 Reference	APRAST/5 Decision	Status
Decision APRAST 5/1	That as part of the demonstration project for the Regional Data Collection, Analysis, and Information Sharing System, SRP AWG work to identify sources and requirements to collect information on TAWS, TCAS RA, unstable Approaches, and stall warnings for analysis. This item is to be included in the RASG-APAC 2014/2015 Yearly Work Programme.	Item included in the RASG-APAC 2014/2015 Yearly Work Programme. (RASG-APAC Decision 4/23 refers) IAT supports the establishment of a Regional Data Collection, Analysis, and Sharing System (RDCAS). As part of the development of the RDCAS the IAT collects information on TAWS, TCAS RA, Unstable Approaches, and stall warnings in order to measure vulnerabilities and the effectiveness of current Safety Enhancement Initiatives (SEIs) already approved by RASG. It is envisaged that similar benchmarks used by ASIAs can be adopted to measure the effectiveness of these SEIs once appropriate information has been gathered through RDCAS. Propose to close.
Decision APRAST 5/2	That States/Administrations and industry provide SRP AWG with comments on the draft 2014 APAC Annual Safety Report by 24 October 2014, through Secretariat. The revised draft 2014 APAC Annual Safety Report should be submitted to APRAST Co-chairs by 3 November 2014 for their consideration to present it to RASG-APAC/4.	APAC 2014 Safety Annual Report published on Mar 2015 after review by Co-Chairs. (RASG APAC decisions 4/7 and 4/8 refers) Propose to close.
Decision APRAST 5/3	That, the expansion of the APAC accident/incident investigation bodies' database to include information on underwater search resources and the convening of the ICAO Asia Pacific Regional Accident Investigation Workshop hosted by the Civil Aviation Authority of Sri Lanka, be included in the RASG-APAC 2014/2015 Yearly Work Programme.	Item included in the RASG-APAC 2014/2015 Yearly Work Programme. (RASG-APAC Decision 4/23 refers) Propose to close.

APRAST/5 Reference	APRAST/5 Decision	Status
Decision APRAST 5/4	That the aerodrome related topics such as runway safety programmes, runway safety teams, bird/wildlife management and procedures for ground operations, foreign object debris (FOD) and ramp be assigned to the Runway Safety Sub-group.	Noted by Meeting. SEI WG to follow-up. Propose to close.
Decision APRAST 5/5	That the coordination topics on SMS, SSP and Language Proficiency Requirements be placed as an agenda item of APRAST plenary for further consideration.	Captured as Agenda Item 4 in APRAST/6 for discussion. Propose to close.
Decision APRAST 5/6	That APRAST request the COSCAPs to consider training and technical assistance in the areas of SMS, SSP and Language Proficiency Requirements.	Letter to COSCAPs requesting their consideration to include training and technical assistance in the areas of SMS, SSP and Language Proficiency Requirements in their programme. [T 2/1.5 – AP056/15 (FS) dated 2 Apr 2015 refers] Propose to close.
Decision APRAST 5/7	That APRAST place the coordination topics on ACASII and Pressure Altitude Responding Transponders in the Registry of Emerging Issues.	Items included in the Registry of Emerging Issues. Propose to close.
Decision APRAST 5/8	That the monitoring and resolution of the operations deficiencies related to the implementation of ICAO Annex 6 requirements on ACASII and Pressure Altitude Responding Transponders be tracked under the proposed mechanism for monitoring of safety tools implementation being developed by the Secretariat.	Included into the proposed monitoring mechanism on implementation of safety tools by State/Administration. Propose to close.

APRAST/5 Reference	APRAST/5 Decision	Status
Decision APRAST 5/9	<p>That the APRAST Co-chairs 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:</p> <ul style="list-style-type: none"> 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. 	<p>This item has been included in the 2014-2015 RASG-APAC Work Programme. Propose to close.</p>
Decision APRAST 5/10	<p>That the Secretariat develops a Procedural Handbook for RASG-APAC, which will among other things, document the APANPIRG – RASG-APAC coordination mechanisms and framework.</p>	<p>Work-in-progress. Final draft targeted for presentation at APRAST/7. OPEN.</p>
Decision APRAST 5/11	<p>That APRAST encourage eligible air operators to consider ISSA as a means to evaluate their compliance with ICAO requirements and industry best practices for air operators.</p>	<p>Eligible air operators were encouraged to consider ISSA as a means to evaluate their compliance with ICAO requirements and industry best practices. Propose to close.</p>
Decision APRAST 5/12	<p>That States/Administrations and industry to provide their comments on the GASP to Secretariat by 15 October 2014.</p>	<p>Comments/feedback provided. Propose to close.</p>
Decision APRAST 5/13	<p>That, APRAST Co-chairs to submit a working paper providing feedback on the GASP at RASG APAC/4 for its consideration.</p>	<p>RASG-APAC/4 WP 24 presented. (RASG-APAC Decision 4/11 refers). Propose to close.</p>

APRAST/5 Reference	APRAST/5 Decision	Status
Decision APRAST 5/14	That, APRAST Co-chairs coordinate with the ICAO APAC Office on the desired structure and content, of the dedicated webpage to reside within the ICAO APAC website.	RO sent an IOM Ref T 6/20.43-APFS0087/14 dated 30 Sep to seek advice from HQ ICT. Co-Chair (Industry) to update on progress. OPEN.
Decision APRAST 5/15	That APRAST urge aviation accident/incident investigation bodies that have yet to participate in the database of APAC Accident/Incident Investigation Bodies, to consider doing so.	Noted. Decision APRAST 5/15 refers. Secretariat to send half-yearly SL reminder (Conclusion APAC-AIG 2/1). Last SL reminder was sent on 29 Jan 2015 [Ref: T 10/5.3-AP021/15(FS) refers]. Propose to close.
Decision APRAST 5/16	That the Runway Safety sub-group review the need for SEI RI/1 (RI Prevention and ATC Training) and provide an update on its review at APRAST/6.	RS to discuss further @APRAST/6. OPEN.
Decision APRAST 5/17	That the Runway Safety sub-group develop the DIP for SEI RI/2 (Runway Incursion Prevention and Pilot Training).	Bangladesh has been working on this SEI in the absence of the Champion (COSCAP). RS to discuss further @APRAST/6. OPEN.
Decision APRAST 5/18	That Secretariat liaise with the RASG of other regions to obtain more information on IE-REST's initiatives on flight data analysis and air operators' SMS and RASG-PA's Toolkit on Pilot Monitoring.	SL providing instructions on access to information on IE-REST's initiatives and RASG-PA's Toolkit on Pilot Monitoring sent. (T 6/11.19-AP-FS0023/15 dated 2 Apr 2015 refers) Propose to close.
Decision APRAST 5/19	That APRAST submit the proposed 2014/2015 Yearly and Standing Work Programmes to RASG-APAC/4 for approval.	Proposed 2014/2015 Yearly and Standing Work Programmes approved by RASG-APAC/4. (RASG-APAC Decision 4/23 refers) Propose to close.
Decision APRAST 5/20	That APRAST submit the APRAST/4 and APRAST/5 conclusions to RASG-APAC/4 for approval.	APRAST/4 and APRAST/5 conclusions presented and approved/endorsed by RASG-APAC/4. Propose to close.

APRAST/5 Reference	APRAST/5 Decision	Status
Decision APRAST 5/21	That APRAST Co-chairs would work with the CTA COSCAPs to further consider and develop the workshop topics, including topics that support the implementation of new SEIs.	Noted by Meeting. Propose to close.
Decision APRAST 5/22	That Secretariat send a State Letter to invite States/Administrations to indicate their intentions to host the APRAST/6, APRAST/8 and APRAST/10 meetings which are to be held outside of ICAO APAC Office in Bangkok.	SL inviting State/Administration interested to host APRAST meeting sent (Ref.: T 6/13.11.1 – AP-FS0085/14 dated 30 September 2014). Malaysia has volunteered to host APRAST/8 while Australia has volunteered to host APRAST/10. Propose to close.
Decision APRAST 5/23	Secretariat will endeavor to confirm the availability and attendance of Champions prior to the APRAST Meetings and/or receive their updates on the work progress. Such updates will be provided to the respective sub-groups at least two weeks before the APRAST Meeting.	SL invitation T 6/13.11.1-AP 022/15(FS) dated 2 Feb 2015 refers. Separately, champions of various safety sub-groups were also reminded through email. Support letter for individual, when required, was issued by Secretariat. Ref T 6/13.11-AP-FS0104/14. Propose to close.

APRAST/5 Reference	APRAST/5 Conclusion	Status
Conclusion APRAST 5/1	That APRAST recommend to RASG-APAC/4 to close all RASG-APAC/3 Decisions, except for Decisions 3/10 and 3/19 pending discussion at RASG-APAC/4.	<p>The Meeting concurred with APRAST’s recommendation to close all items in Attachment A to WP/3. (RASG-APAC Decision 4/1 refers).</p> <p>For Decision 3/10, the proposed changes to APRAST structure to include the SEI WG was approved (RASG-APAC Decision 4/5 and 4/6 refer)</p> <p>For Decision 3/19, update on the 1st coordination meeting with Chairs of APANPIRG and RASG-APAC was presented at RASG-APAC/4 and approved (RASG-APAC Decision 4/4 refers).</p> <p>Propose to close.</p>
Conclusion APRAST 5/2	That APRAST recommend to RASG-APAC/4 that the item on the Nomination of a Point of Contact for RASG-APAC/APRAST activities be moved from the RASG- APAC Standing Work Programme to the 2014/2015 Yearly Work Programme.	<p>RASG-APAC/4 approved the proposed RASG-APAC 2014/2015 Work Programme described at Attachment A of WP/22. (RASG-APAC Decision 4/23 refers)</p> <p>Transferred to 2014/2015 Work Programme.</p> <p>Propose to close.</p>
Conclusion APRAST 5/3	That APRAST recommend RASG-APAC to encourage States/Administrations to consider joining the Asian Society of Air Safety Investigators (AsiaSASI).	<p>RASG-APAC/4 approved APRAST’s Conclusions 4/1, 4/2, 4/3, 4/4, 4/5 and 5/3 described in the WP/5 and encouraged States/Administrations to consider joining AsiaSASI. (RASG-APAC Decision 4/3 and SL T 10/5.5 – AP017/15(FS) dated 28 Jan 2015 refer)</p> <p>Propose to close.</p>
Conclusion APRAST 5/4	That the Secretariat present the proposed coordination mechanism between APANPIRG and RASG-APAC to RASG-APAC/4 for inclusion in the RASG-APAC 2014/2015 Yearly Work Programme.	<p>RASG-APAC/4 approved the proposed RASG-APAC 2014/2015 Work Programme which the proposed coordination mechanism between APANPIRG and RASG-APAC described at Attachment A of WP/22 is included. (RASG-APAC Decision 4/23 refers)</p> <p>Transferred to 2014/2015 Work Programme.</p> <p>Propose to close.</p>

APRAST/5 Reference	APRAST/5 Conclusion	Status
Conclusion APRAST 5/5	That APRAST submit the revised proposed regional priorities and targets to RASG- APAC/4 for approval.	RASG-APAC/4 approved the proposed regional aviation safety priorities and targets for the APAC region as described in Annex B to WP/25. (RASG-APAC Decision 4/12 refers) Secretariat forwarded the approved regional priorities and targets to HQ (IOM Ref.: T 6/13.11 – AP-FS0096/14 dated 1 December 2014 refers). Propose to close.
Conclusion APRAST 5/6	That APRAST recommend RASG-APAC/4 support Singapore’s initiative for a demonstration project on a regional data collection, analysis and information sharing system for the APAC region and encourage States/Administrations, ANSPs, airlines and industry organisations to participate in the demonstration project, starting with the upcoming workshop, tentatively scheduled for the 1st week of December, in Singapore.	RASG-APAC supported the initiative for a demonstration project on a regional safety data collection, analysis and information sharing system for the APAC region (RASG-APAC Decision 4/18 refers) States/Administrations, ANSPs, airlines and industry organizations were encouraged to participate in the demonstration project, starting with the Workshop in Singapore from 3 to 4 December 2014. (RASG-APAC Decision 4/18 refers) Propose to close.
Conclusion APRAST 5/7	That APRAST recommend that RASG-APAC/4 support the development of a monitoring mechanism for the implementation of RASG APAC safety tools, which will be included in the RASG-APAC 2014/2015 Yearly Work Programme.	RASG-APAC/4 approved the proposed RASG-APAC 2014/2015 Work Programme which includes the development of a monitoring mechanism for the implementation of RASG APAC safety tools described at Attachment A of WP/22 is included. (RASG-APAC Decision 4/23 refers) Transferred to 2014/2015 Work Programme. Propose to close.

APRAST/5 Reference	APRAST/5 Conclusion	Status
Conclusion APRAST 5/8	That the completed SEI CFIT/1 (Ground Proximity Warning Systems (GPWS) with Forward Looking Feature), SEI CFIT/5 (Crew Resource Management Training) and SEI CFIT/6 (CFIT/ALAR Training) be transferred to the proposed monitoring mechanism for implementation of safety tools to be developed by Secretariat.	<p>RASG-APAC/4 approved the recommendations and conclusions as described for each of the item in Attachment A to the WP/4 which included transferring of completed SEIs for CFIT/1, CFIT/5 and CFIT/6 to the proposed monitoring mechanism for implementation of safety tools to be developed by Secretariat. (RASG-APAC Decision 4/2 refers).</p> <p>Included into the proposed monitoring mechanism on implementation of safety tools by State/Administration. SL notification T 6/13.11-AP 131/13(FS) dated 23 Sep 2013 refers.</p> <p>Propose to close.</p>
Conclusion APRAST 5/9	That SEI CFIT/2 (Standard Operating Procedures) be transferred to SEI LOC/1 for inclusion into the common SOP being developed for SEI LOC/1. (SEI CFIT/2 will be removed from the RASG-APAC work programme.)	<p>RASG-APAC/4 approved the recommendations and conclusions as described for each of the item in Attachment A to the WP/4 which included combining SOP of SEI CFIT/2 with SEI LOC/1 and SEI CFIT/2 removed from the work programme. (RASG-APAC Decision 4/2 refers).</p> <p>Propose to close.</p>
Conclusion APRAST 5/10	That the completed advisory circular (Output 1) of SEI CFIT/3 (Precision-Like Approach Standard Operating Procedures) be submitted to RASG-APAC/4 for approval.	<p>RASG-APAC/4 approved the model Advisory Circulars for CFIT/3 as presented in the WP/32. (RASG-APAC Decision 4/9 refers).</p> <p>AC uploaded onto APAC Office public website. [SL Ref T 6/13.11 - AP170/14 (FS) dated 17 Dec 2014 refers]</p> <p>Propose to close.</p>
Conclusion APRAST 5/11	That the draft advisory circulars (Output 1) for SEI CFIT/8 (Minimum Safe Altitude Warning (MSAW)) be submitted to RASG-APAC/4 for approval.	<p>RASG-APAC/4 approved the model Advisory Circulars for CFIT/8 as presented in the WP/32. (RASG-APAC Decision 4/9 refers)</p> <p>AC uploaded onto APAC Office public website. [SL Ref T 6/13.11 - AP170/14 (FS) dated 17 Dec 2014 refers]</p> <p>Propose to close.</p>

APRAST/5 Reference	APRAST/5 Conclusion	Status
Conclusion APRAST 5/12	That the draft ACs for SEI LOC/1 (Use of Standard Operating Procedures) / Output 2, which also includes standard operating procedures for SEI CFIT/2, be submitted to RASG-APAC/4 for approval.	RASG/4 directed the LOC sub-group to continue with drafting of AC. Included as an item in 2014/2015 Work Programme (RASG-APAC/4 WP #32 para 2.6 refers). OPEN.
Conclusion APRAST 5/13	That APRAST submit the DIP for SEI LOC/6 when completed, to RASG-APAC/4 for inclusion in the RASG-APAC 2014/2015 Yearly Work Programme.	RASG-APAC approved DIPs SEI LOC/6 and included in the RASG-APAC 2014/2015 Yearly Work Programme. (RASG-APAC Decision 4/10 refers) Transferred to 2014/2015 Work Programme. Propose to close.
Conclusion APRAST 5/14	That APRAST recommend the guidance and training material developed by ACI under SEI RE/7 (Providing guidance material and training program for runway pavement, maintenance and operations from aerodrome operator's perspective) Output 2 be submitted to RASG-APAC/4 for approval.	RASG-APAC/4 endorsed the guidance and training material developed by ACI under SEI RE/7. (RASG-APAC Decision 4/9 refers). SL notification T 6/13.11 – AP170/14 (FS) dated 17 Dec 2014 refers. Propose to close.
Conclusion APRAST 5/15	That RASG-APAC encourage States/Administrations and industry to participate in the ACI APEX in Safety Program.	RASG-APAC/4 noted and endorsed APRAST Conclusion 5/15. States/Administrations/Industry were encouraged to support and participate in the ACI APEX in Safety Programme. (RASG-APAC Decision 4/13 refers). Propose to close.
Conclusion APRAST 5/16	That RASG-APAC promote the use of Runway Safety Maturity Checklist as developed under SEI RS/1 (Runway Safety Checklist) to States /Administrations and industry.	RASG-APAC/4 approved and endorsed the Runway Safety Maturity Checklist. (RASG-APAC Decision 4/9 refers) AC uploaded onto APAC Office public website. [SL Ref T 6/13.11 - AP170/14 (FS) dated 17 Dec 2014 refers] Propose to close.

APRAST/5 Reference	APRAST/5 Conclusion	Status
Conclusion APRAST 5/17	That APRAST recommend to RASG-APAC for the ICAO GO Team concept to be implemented for the APAC region, particularly in the area of establishment of runway safety teams and implementation of SMS in air operators. APRAST will then work out the modalities of the GO-Team implementation in its subsequent meetings.	RASG-APAC/4 approved the proposed RASG-APAC 2014/2015 Work Programme which includes the implementation of ICAO GO Team concept in the area of establishment of runway safety teams and implementation of SMS in air operators. (RASG-APAC Decision 4/23 refers) Transferred to 2014/2015 Work Programme. Propose to close.
Conclusion APRAST 5/18	That RASG-APAC strongly urge Member States/Administrations and industry to nominate appropriate representatives and experts to the meetings of APRAST and its subsidiary bodies and to ensure consistency and continuity in their participation/contribution to RASG-APAC /APRAST activities.	The Meeting urged States/Administrations and Industry to nominate appropriate representatives and experts to proactively participate at the APRAST and sub-group meetings to ensure consistency and continuity in their participation/contribution to RASG-APAC/APRAST. (RASG-APAC/4 Report refers) (APRAST/6 Invitation SL refers) Propose to close.