

**INTERNATIONAL CIVIL AVIATION ORGANIZATION****TWENTY EIGHTH MEETING OF THE ASIA/PACIFIC
AIR NAVIGATION PLANNING AND IMPLEMENTATION
REGIONAL GROUP (APANPIRG/28)***Bangkok, Thailand, 11 to 14 September 2017***Agenda Item 1B: Aviation Safety and RASG-APAC Activities****APRAST/10 AND RASG/7 MEETING OUTCOMES**

(Presented by the Secretariat)

SUMMARY

This paper shares with the APANPIRG and its sub-groups the outcomes of APRAST/10 and RASG-APAC/7 meetings which may be of interest to APANPIRG.

1. INTRODUCTION

1.1 The Regional Aviation Safety Group – Asia and Pacific Regions (RASG-APAC) was established in October 2011 following the ICAO Council decision in May 2010 and supported by the 47th Conference of the Directors General of Civil Aviation, Asia and Pacific Regions in October 2010.

1.2 Consistent with the Planning and Implementation Regional Group (PIRG) mechanism established for addressing air navigation matters and deficiencies, the RASG-APAC has been established with the primary objective of addressing flight safety matters.

1.3 The RASG-APAC Term-of-Reference (TOR) calls for the development and implementation of a work programme that supports a regional performance framework for the management of safety.

1.4 To assist RASG-APAC in meeting its objectives, Asia Pacific Regional Safety Team (APRAST) supported by various sub-working groups like the APAC AIG, the SRP Working Group and SEI Working Group were established.

1.5 RASG-APAC and APRAST have provided the APAC States and industry partners with a forum to share discuss and address existing and emerging safety concerns in the APAC Region.

2. DISCUSSION

2.1 APRAST, the working arm of RSAG-APAC held its 10th meeting from 17 to 21 April 2017 in Bangkok, Thailand. APRAST/10 adopted 7 decisions and 10 conclusions. APRAST/10 Report is available on the ICAO APAC website <http://www.icao.int/APAC/RASG/Pages/default.aspx>. The summary of the 7 Decisions and 10 Conclusions is found in **Attachment A** to this paper.

Note: APRAST decision is adopted when the follow-up action is considered within APRAST's TOR, whereas APRAST Conclusion requires submission to RASG-APAC review and consideration before implementation.

2.2 On Decision APRAST 10/4 – Issues of Coordination between APANPIRG and RASG-APAC subsidiary bodies, considering the many possible areas for coordination and in order to narrow these areas down, APRAST decided on large height deviations, English language proficiency and terrain/obstacle databases as possible areas for coordination to begin with.

2.3 On Conclusion APRAST 10/8 – Coordination between APANPIRG and RASG-APAC subsidiary bodies - terrain/obstacle databases and WGS-84, APANPIRG and RASG-APAC Secretariats discussed this Conclusion and will be updating APRAST that the accuracy of terrain/obstacle databases and compliance of ICAO WGS-84 standard by States/Administrations, in support of the use of Enhanced Ground Proximity Warning System (EGPWS) is already being discussed at APANPIRG.

2.4 Since its inception in 2011, RASG-APAC held 7 meetings. RASG-APAC/7 Meeting was held in Bangkok, Thailand, from 3 to 5 July 2017. Seven decisions and five Conclusions were adopted. Details of the adopted Decisions and Conclusions can be found in **Attachment B** to this paper.

2.5 Recognizing the amount of work to be accomplished, RASG-APAC approved a Work Programme to accomplish during the current year. Coordination with APANPIRG and its relevant sub-groups is an item featured. The 2017/2018 RASG-APAC Work Programme can be found in **Attachment C**. Items which may be of interest to APANPIRG are highlighted for easy reference.

3. ACTION BY THE MEETING

3.1 The Meeting is invited to:

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

LIST OF APRAST/10 DECISIONS AND CONCLUSIONS

List of APRAST/10 Decisions

Decision APRAST 10/1 - Safety Tools Implementation Monitoring Mechanism	
That, the online portal for monitoring the implementation of RASG-APAC endorsed safety tools, be enhanced with an option for States/Administrations to indicate 100% implementation.	<i>Expected impact:</i> <input checked="" type="checkbox"/> Achievement of global and regional aviation safety priorities and targets <input type="checkbox"/> Enhancement of USOAP Effective Implementation <input checked="" type="checkbox"/> Monitoring and Administration <input type="checkbox"/> Capacity Building and Sharing of Information <input type="checkbox"/> Inter-Regional
Why: Monitoring the implementation of SEIs and safety tools	
When: 31 May 2017	Status: on-going
Who: <input type="checkbox"/> APRAST <input type="checkbox"/> APAC-AIG <input type="checkbox"/> SRP WG <input type="checkbox"/> SEI WG <input type="checkbox"/> Capacity Building TF <input type="checkbox"/> APAC States/Administrations <input checked="" type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Other: Bangladesh	

Decision APRAST 10/2 - Training on Accident Investigation	
That, APAC-AIG review the training needs of States/Administrations and, where necessary, develop additional training, taking into consideration experience and feedback from training conducted in 2017.	<i>Expected impact:</i> <input type="checkbox"/> Achievement of global and regional aviation safety priorities and targets <input checked="" 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: Improve APAC USOAP AIG EI scores	
When: Late 2017 (APRAST/11)	Status: On-going
Who: <input type="checkbox"/> APRAST <input checked="" type="checkbox"/> APAC-AIG <input type="checkbox"/> SRP WG <input type="checkbox"/> SEI WG <input type="checkbox"/> Capacity Building TF <input type="checkbox"/> APAC States/Administrations <input type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Other:	

Decision APRAST 10/3 - Update of Capacity Building Task Force Breakout Session	
That, APRAST/10 approve the Standardized Capacity Building Programme developed by the Capacity Building Task Force.	Expected impact: <input checked="" type="checkbox"/> Achievement of global and regional aviation safety priorities and targets <input checked="" 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: Capacity Building	
When: 21 Apr 2017	Status: Closed
Who: <input checked="" type="checkbox"/> APRAST <input type="checkbox"/> APAC-AIG <input type="checkbox"/> SRP WG <input type="checkbox"/> SEI WG <input checked="" type="checkbox"/> Capacity Building TF <input type="checkbox"/> APAC States/ Administrations <input type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Other:	

Decision APRAST 10/4 – Issues of Coordination between APANPIRG and RASG-APAC subsidiary bodies	
That, Decisions APRAST 8/4, 8/23, 9/11 and 9/20 be consolidated (and superceded by this Decision), such that APRAST focuses on the following three issues: large height deviations, English language proficiency and terrain/obstacle databases, with respect to coordination between APANPIRG and RASG-APAC.	Expected impact: <input checked="" type="checkbox"/> Achievement of global and regional aviation safety priorities and targets <input checked="" type="checkbox"/> Enhancement of USOAP Effective Implementation <input type="checkbox"/> Monitoring and Administration <input type="checkbox"/> Capacity Building and Sharing of Information <input type="checkbox"/> Inter-Regional
Why: Address CFIT and LOC operational risks in coordination with APANPIRG	
When: 21 April 2017	Status: On-going
Who: <input checked="" type="checkbox"/> APRAST <input type="checkbox"/> APAC-AIG <input checked="" type="checkbox"/> SRP WG <input checked="" type="checkbox"/> SEI WG <input type="checkbox"/> Capacity Building TF <input type="checkbox"/> APAC States/Administrations <input checked="" type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Other: APANPIRG subsidiary bodies	

Decision APRAST 10/5 - SEI RE/1 (Causal factors with pilot decision to not go-around)	
That, FSF, with assistance from Secretariat, disseminate the report on Go-Around Decision Making and Execution Project to APRAST members, to seek comments on the report's recommendations, for discussion on possible next steps at APRAST/11.	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 type="checkbox"/> Capacity Building and Sharing of Information <input type="checkbox"/> Inter-Regional
Why: Address RS operational risks	
When: late-2017 (APRAST/11)	Status On-going
Who: <input type="checkbox"/> APRAST <input type="checkbox"/> APAC-AIG <input type="checkbox"/> SRP WG <input type="checkbox"/> SEI WG <input type="checkbox"/> Capacity Building TF <input checked="" type="checkbox"/> APAC States/Administrations <input checked="" type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Other: FSF	

Decision APRAST 10/6 — SEI LOC/2 (Hazard Identification and Risk Management)	
That, SEI LOC/2 be combined with SEI LOC/4, subject to agreement between the two Champions (AAPA and DCA Malaysia).	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 checked="" type="checkbox"/> Monitoring and Administration <input type="checkbox"/> Capacity Building and Sharing of Information <input type="checkbox"/> Inter-Regional
Why: Minimize duplication in LOC SEIs	
When: 31 May 2017	Status: On-going
Who: <input type="checkbox"/> APRAST <input type="checkbox"/> APAC-AIG <input type="checkbox"/> SRP WG <input type="checkbox"/> SEI WG <input type="checkbox"/> Capacity Building TF <input type="checkbox"/> APAC States/Administrations <input type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Other: AAPA, DCA Malaysia	

Decision APRAST 10/7 – Cabin safety	
That, US CAST update SEI WG at APRAST/11 on the review of effectiveness of SE/78 on cabin safety, to enable SEI WG to determine the next course of action.	Expected impact: <input type="checkbox"/> Achievement of global and regional aviation safety priorities and targets <input checked="" type="checkbox"/> Enhancement of USOAP Effective Implementation <input type="checkbox"/> Monitoring and Administration <input type="checkbox"/> Capacity Building and Sharing of Information <input type="checkbox"/> Inter-Regional
Why: Improve cabin safety	
When: Late 2017 (APRAST/11)	Status: On-going
Who: <input type="checkbox"/> APRAST <input type="checkbox"/> APAC-AIG <input type="checkbox"/> SRP WG <input checked="" type="checkbox"/> SEI WG <input type="checkbox"/> Capacity Building TF <input type="checkbox"/> APAC States/Administrations <input type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Other: US CAST	

List of APRAST/10 Conclusions

Conclusion APRAST 10/1 — Inclusion of the online portal procedures in the RASG-APAC Procedural Handbook	
That, Secretariat update the RASG-APAC Procedural Handbook to include the use of the online portal which monitors the implementation of RASG-APAC endorsed safety tools, with the aim of seeking approval at RASG-APAC/7.	<p><i>Expected impact:</i></p> <p><input type="checkbox"/> Achievement of global and regional aviation safety priorities and targets</p> <p><input type="checkbox"/> Enhancement of USOAP Effective Implementation</p> <p><input checked="" type="checkbox"/> Monitoring and Administration</p> <p><input type="checkbox"/> Capacity Building and Sharing of Information</p> <p><input type="checkbox"/> Inter-Regional</p>
Why: Update the RASG-APAC Procedural Handbook	
When: July 2017 (RASG-APAC/7)	Status: on-going
Who: <input type="checkbox"/> APRAST <input type="checkbox"/> APAC-AIG <input type="checkbox"/> SRP WG <input type="checkbox"/> SEI WG <input type="checkbox"/> Capacity Building TF <input type="checkbox"/> APAC States/Administrations <input checked="" type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Other:	

Conclusion APrAST 10/2 — Proposed Revisions to the Regional Aviation Safety Priorities and Targets (WP/5)	
<p>That, RASG-APAC/7 approve the proposed changes to Regional Aviation Safety Priorities and Targets as shown below:</p> <p>a. Title of Regional Priority 2 - “Improvements to safety oversight and compliance/Industry safety certification audits”;</p> <p>b. First target under Regional Priority 1 - “RASG-APAC to complete the development of current identified priority SEIs by end-2016 end- 2017”;</p> <p>c. Fourth to sixth targets under Regional Priority 2 - “By end of 2017 2020</p> <p style="padding-left: 40px;">(1) maintain at least 60% of increase the number of IOSA registered applicable APAC airlines to be IOSA-certified by 50% over end-2016 figures;</p> <p style="padding-left: 40px;">(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;</p> <p style="padding-left: 40px;">(3) pursue at least a 50% increase in ISAGO registrations over end-2016 figures”; and</p> <p>d. 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”.</p>	<p>Expected impact:</p> <p><input checked="" type="checkbox"/> Achievement of global and regional aviation safety priorities and targets</p> <p><input type="checkbox"/> Enhancement of USOAP Effective Implementation</p> <p><input type="checkbox"/> Monitoring and Administration</p> <p><input type="checkbox"/> Capacity Building and Sharing of Information</p> <p><input type="checkbox"/> Inter-Regional</p>
<p>Why: Update the regional aviation safety priorities and targets</p>	
<p>When: July 2017 (RASG-APAC/7)</p>	<p>Status: on-going</p>
<p>Who: <input checked="" type="checkbox"/> APrAST <input type="checkbox"/> APAC-AIG <input type="checkbox"/> SRP WG <input type="checkbox"/> SEI WG <input type="checkbox"/> Capacity Building TF</p> <p><input type="checkbox"/> APAC States/Administrations <input type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Other: RASG-APAC</p>	

Conclusion APRAST 10/3 — Update of the Regional Aviation Safety Priorities and Targets (WP/5)	
That, States/Administrations and Industry provide information on the progress of the APAC Regional Aviation Safety Priorities and Targets to the ICAO APAC Regional Office with an aim of updating RASG-APAC/7.	Expected impact: <input checked="" type="checkbox"/> Achievement of global and regional aviation safety priorities and targets <input checked="" type="checkbox"/> Enhancement of USOAP Effective Implementation <input checked="" type="checkbox"/> Monitoring and Administration <input type="checkbox"/> Capacity Building and Sharing of Information <input type="checkbox"/> Inter-Regional
Why: Improve the tracking of implementation status of regional aviation safety priorities and targets	
When: 31 May 2017	Status: on-going
Who: <input checked="" type="checkbox"/> APRAST <input type="checkbox"/> APAC-AIG <input checked="" type="checkbox"/> SRP WG <input type="checkbox"/> SEI WG <input type="checkbox"/> Capacity Building TF <input checked="" type="checkbox"/> APAC States/Administrations <input checked="" type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Other: IATA, AAPA, Industry	

Conclusion APRAST 10/4 - Update of APAC-AIG Activities (WP/6)	
That, States/Administrations be strongly encouraged to actively participate in the training identified by the APAC-AIG, which has the potential to enhance their USOAP AIG EI.	Expected impact: <input checked="" type="checkbox"/> Achievement of global and regional aviation safety priorities and targets <input checked="" 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: Improve APAC USOAP AIG EI scores	
When: 31 December 2017	Status: on-going
Who: <input checked="" type="checkbox"/> APRAST <input checked="" type="checkbox"/> APAC-AIG <input type="checkbox"/> SRP WG <input type="checkbox"/> SEI WG <input type="checkbox"/> Capacity Building TF <input checked="" type="checkbox"/> APAC States/Administrations <input checked="" type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Other:	

Conclusion APRAST 10/5 - Update of the Global Aviation Safety Plan (GASP) (WP/9)	
<p>That States be encouraged:</p> <p>a) to develop a national safety plan in line with the GASP objectives and based on their operational safety needs; and</p> <p>b) to provide feedback to ICAO on the new Global Aviation Safety Roadmap and suggestions for the future 2020 – 2022 Edition of the GASP via email to: GASP@icao.int.</p>	<p><i>Expected impact:</i></p> <p><input checked="" type="checkbox"/> Achievement of global and regional aviation safety priorities and targets</p> <p><input checked="" type="checkbox"/> Enhancement of USOAP Effective Implementation</p> <p><input type="checkbox"/> Monitoring and Administration</p> <p><input type="checkbox"/> Capacity Building and Sharing of Information</p> <p><input type="checkbox"/> Inter-Regional</p>
Why: Implement GASP	
When: On-going	Status: on-going
<p>Who: <input type="checkbox"/> APRAST <input type="checkbox"/> APAC-AIG <input type="checkbox"/> SRP WG <input type="checkbox"/> SEI WG <input type="checkbox"/> Capacity Building TF</p> <p><input checked="" type="checkbox"/> APAC States/Administrations <input checked="" type="checkbox"/> ICAO APAC RO <input checked="" type="checkbox"/> ICAO HQ <input type="checkbox"/> Other:</p>	

Conclusion APRAST 10/6 – ICAO guidance on aerodrome certification	
<p>That, ICAO consider developing guidance material in the area of new aerodrome developments and modifications as part of aerodrome certification.</p>	<p><i>Expected impact:</i></p> <p><input type="checkbox"/> Achievement of global and regional aviation safety priorities and targets</p> <p><input checked="" type="checkbox"/> Enhancement of USOAP Effective Implementation</p> <p><input type="checkbox"/> Monitoring and Administration</p> <p><input type="checkbox"/> Capacity Building and Sharing of Information</p> <p><input type="checkbox"/> Inter-Regional</p>
Why: Enhance aerodrome certification	
When: 31 August 2017	Status: on-going
<p>Who: <input type="checkbox"/> APRAST <input type="checkbox"/> APAC-AIG <input type="checkbox"/> SRP WG <input type="checkbox"/> SEI WG <input type="checkbox"/> Capacity Building TF</p> <p><input type="checkbox"/> APAC States/Administrations <input checked="" type="checkbox"/> ICAO APAC RO <input checked="" type="checkbox"/> ICAO HQ <input type="checkbox"/> Other:</p>	

Conclusion APRAST 10/7 - Regional Data Collection, Analysis and Information Sharing Status (WP/14)	
That, States/Administrations and Industry be strongly encouraged to participate in the Demonstration Project for Regional Data Collection, Analysis and Information Sharing for Aviation Sharing, by submitting Statement of Intent (Appendix B of the Governance Plan) to FSF/MITRE.	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 type="checkbox"/> Capacity Building and Sharing of Information <input type="checkbox"/> Inter-Regional
Why: Improve regional data collection, analysis and information sharing	
When: On-going	Status: On-going
Who: <input type="checkbox"/> APRAST <input type="checkbox"/> APAC-AIG <input type="checkbox"/> SRP WG <input type="checkbox"/> SEI WG <input type="checkbox"/> Capacity Building TF <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	

Conclusion APRAST 10/8 - Coordination between APANPIRG and RASG-APAC subsidiary bodies - terrain/obstacle databases and WGS-84	
That, Secretariat, with the assistance of Airbus and IATA, emphasize the importance of accurate terrain/obstacle databases and compliance of ICAO WGS-84 standard by States/Administrations, in support of the use of Enhanced Ground Proximity Warning System (EGPWS), to APANPIRG.	Expected impact: <input checked="" type="checkbox"/> Achievement of global and regional aviation safety priorities and targets <input checked="" type="checkbox"/> Enhancement of USOAP Effective Implementation <input type="checkbox"/> Monitoring and Administration <input type="checkbox"/> Capacity Building and Sharing of Information <input type="checkbox"/> Inter-Regional
Why: Address CFIT operational risks	
When: end May 2017	Status: On-going
Who: <input type="checkbox"/> APRAST <input type="checkbox"/> APAC-AIG <input type="checkbox"/> SRP WG <input type="checkbox"/> SEI WG <input type="checkbox"/> Capacity Building TF <input type="checkbox"/> APAC States/Administrations <input checked="" type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Other: Airbus, IATA	

Conclusion APRAST 10/9 - SEI LOC/4 (Flight Crew Proficiency)	
That, RASG-APAC/7 approve the output of SEI LOC/4 (Flight Crew Proficiency) developed by DCA Malaysia and Malaysia Airlines and endorsed by APRAST/10.	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 type="checkbox"/> Capacity Building and Sharing of Information <input type="checkbox"/> Inter-Regional
Why: Address LOC operational risks	
When: July 2017 (RASG-APAC/7)	Status: On-going
Who: <input checked="" type="checkbox"/> APRAST <input type="checkbox"/> APAC-AIG <input type="checkbox"/> SRP WG <input type="checkbox"/> SEI WG <input type="checkbox"/> Capacity Building TF <input type="checkbox"/> APAC States/ Administrations <input type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Other: RASG-APAC	

Conclusion APRAST 10/10 – Improve AGA EI scores	
That, ICAO APAC Regional Office consider organizing suitable activities such as regional/ sub-regional workshops, to address the gaps identified from the analysis of AGA EI scores.	Expected impact: <input checked="" type="checkbox"/> Achievement of global and regional aviation safety priorities and targets <input checked="" 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: Improve AGA EI scores	
When: 31 October 2017	Status: On-going
Who: <input type="checkbox"/> APRAST <input type="checkbox"/> APAC-AIG <input type="checkbox"/> SRP WG <input type="checkbox"/> SEI WG <input type="checkbox"/> Capacity Building TF <input type="checkbox"/> APAC States/ Administrations <input checked="" type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Other:	

— END —

RASG-APAC/7

LIST OF DECISIONS AND CONCLUSIONS OF THE RASG-APAC/7

LIST OF DECISIONS

Decision RASG-APAC 7/1 — Review of Progress of RASG-APAC/6 Decisions and Conclusions (WP/2)	
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.	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 checked="" type="checkbox"/> Monitoring and administration <input type="checkbox"/> Capacity Building and Sharing of Information <input type="checkbox"/> Inter-regional
Why: Achievement of global and regional aviation safety priorities and targets.	
When: Immediate	Status: Closed
Who: <input checked="" type="checkbox"/> Sub-groups <input checked="" type="checkbox"/> APAC States <input type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Other:	

Decision RASG-APAC 7/2 — Update of RASG-APAC 2016/2017 Work Programme (WP/3)	
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.	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 checked="" type="checkbox"/> Monitoring and administration <input type="checkbox"/> Capacity Building and Sharing of Information <input type="checkbox"/> Inter-regional
Why: Achievement of global and regional aviation safety priorities and targets.	
When: Immediate	Status: Closed
Who: <input checked="" type="checkbox"/> Sub-groups <input checked="" type="checkbox"/> APAC States <input checked="" type="checkbox"/> ICAO APAC RO <input checked="" type="checkbox"/> ICAO HQ <input type="checkbox"/> Other:	

Decision RASG-APAC 7/3 — Review of Decisions and Conclusions Adopted at APRAST/9 and APRAST/10 and its Progress (WP/4)

That, Conclusions adopted at APRAST/9 and APRAST/10 as described in Attachments A and B be endorsed.

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: Achievement of global and regional aviation safety priorities and targets.

When: Immediate

Status: On-going

Who: ☒ Sub-groups ☒ APAC States ☐ ICAO APAC RO ☐ ICAO HQ ☐ Other:

Decision RASG-APAC 7/4 — Update on Asia Pacific Regional Priorities and Targets (WP/5)

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 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
- d) Third target under Regional Priority 4 - “By 2020, pursue 50% increase in participation in flight data

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

RASG-APAC/7
Attachment C to the Report

<p>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”.</p>	
Why: Update the regional aviation safety priorities and targets.	
When: Immediate	Status:
Who: <input checked="" type="checkbox"/> Sub-groups <input type="checkbox"/> APAC States <input type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Other:	

Decision RASG-APAC 7/5 — Update on Asia Pacific Regional Priorities and Targets (WP/5)

<p>That, APRAST review the Asia Pacific Regional Priorities and Targets to achieve greater alignment with the ICAO Global Aviation Safety Plan Goals and Targets, taking into account latest industry developments and current and emerging issues; and complete the review by RASG-APAC/8 in 2018.</p>	<p>Expected impact:</p> <p><input checked="" type="checkbox"/> Achievement of global and regional aviation safety priorities and targets</p> <p><input checked="" type="checkbox"/> Enhancement of USOAP effective implementation</p> <p><input type="checkbox"/> Monitoring and administration</p> <p><input checked="" type="checkbox"/> Capacity Building and Sharing of Information</p> <p><input type="checkbox"/> Inter-regional</p>
Why: Monitoring and exchange of information.	
When: RASG-APAC/8	Status: On-going
Who: <input checked="" type="checkbox"/> Sub-groups <input type="checkbox"/> APAC States <input type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Other:	

Decision RASG-APAC 7/6 — Safety Enhancement Initiative (SEI) Output for RASG Consideration and Approval (WP/20)

<p>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.</p>	<p>Expected impact:</p> <p><input checked="" type="checkbox"/> Achievement of global and regional aviation safety priorities and targets</p> <p><input checked="" type="checkbox"/> Enhancement of USOAP effective implementation</p> <p><input type="checkbox"/> Monitoring and administration</p> <p><input type="checkbox"/> Capacity Building and Sharing of Information</p> <p><input type="checkbox"/> Inter-regional</p>
Why: To achieve global and regional aviation safety priorities and targets.	
When: Immediate	Status: On-going
Who: <input checked="" type="checkbox"/> Sub-groups <input checked="" type="checkbox"/> APAC States <input checked="" type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Other:	

Decision RASG-APAC 7/7 — Proposed RASG-APAC 2017/2018 Yearly and Standing Work Programmes (WP/15)	
That, the proposed RASG-APAC 2017/2018 Yearly and Standing Work Programme is approved, as in Attachment D of this report.	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 checked="" type="checkbox"/> Monitoring and administration <input checked="" type="checkbox"/> Capacity Building and Sharing of Information <input type="checkbox"/> Inter-regional
Why: To achieve global and regional aviation safety priorities and targets.	
When: Immediate	Status: On-going
Who: <input checked="" type="checkbox"/> Sub-groups <input checked="" type="checkbox"/> APAC States <input checked="" type="checkbox"/> ICAO APAC RO <input checked="" type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Other: <i>Nokscoot</i>	

LIST OF CONCLUSIONS

Conclusion RASG-APAC 7/1 — Update on Work done by APAC-AIG (WP/6)	
That, States/Administrations be strongly encouraged to: <ul style="list-style-type: none"> 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. 	Expected impact: <input type="checkbox"/> Achievement of global and regional aviation safety priorities and targets <input checked="" type="checkbox"/> Enhancement of USOAP effective implementation <input checked="" type="checkbox"/> Monitoring and administration <input type="checkbox"/> Capacity Building and Sharing of Information <input type="checkbox"/> Inter-regional
Why: Enhancement of USOAP Effective Implementation	
When: Immediate	Status: On-going
Who: <input type="checkbox"/> Sub-groups <input checked="" type="checkbox"/> APAC States <input checked="" type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Other:	

Conclusion RASG-APAC 7/2 — Regulation of small Unmanned Aircraft in Hong Kong, China (WP/9)

<p>That, ICAO be requested to:</p> <ul style="list-style-type: none"> 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. 	<p>Expected impact:</p> <ul style="list-style-type: none"> <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 type="checkbox"/> Capacity Building and Sharing of Information <input type="checkbox"/> Inter-regional
Why: Enhancement of USOAP Effective Implementation.	
When: Immediate	Status: On-going
Who: <input type="checkbox"/> Sub-groups <input type="checkbox"/> APAC States <input type="checkbox"/> ICAO APAC RO <input checked="" type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Other: ISO	

Conclusion RASG-APAC 7/3 — Regional Data Collection, Analysis and Information Sharing Status Report (WP/14)

<p>That, States/Administrations, airlines and Industry organizations are encouraged to participate in the demonstration project for APAC Regional Data Collection, Analysis and information Sharing for Aviation Safety, by submitting a statement of intent as soon as possible. (The statement of intent is available in Appendix B of the Governance Plan Version 6)</p>	<p>Expected impact:</p> <ul style="list-style-type: none"> <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 type="checkbox"/> Capacity Building and Sharing of Information <input type="checkbox"/> Inter-regional
Why: Achievement of global and regional aviation safety priorities and targets .	
When: December 2017	Status: On-going
Who: <input type="checkbox"/> Sub-groups <input checked="" type="checkbox"/> APAC States <input type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Other: <i>Airlines and Industry Organizations</i>	

Conclusion RASG-APAC 7/4 — ICAO USOAP CMA Implementation (WP/16)

<p>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:</p>	<p>Expected impact:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Achievement of global and regional aviation safety priorities and targets <input type="checkbox"/> Enhancement of USOAP effective
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<p>a) States with an SSC, focus on implementing sustainable corrective and immediate mitigation actions to resolve the SSC with a high priority;</p> <p>b) complete and update the Corrective Action Plans (CAPs) on the On-line Framework (OLF), as required;</p> <p>c) implement CAPs and report progress on the OLF, informing the ICAO Regional Office when ready for validation;</p> <p>d) complete the compliance checklist/EFOD and self-assessment of the PQs on the OLF, including uploading the evidence documents; and</p> <p>e) request assistance from the ICAO Regional Office and/or COSCAP/RSOO, if required.</p>	<p>implementation</p> <p><input type="checkbox"/> Monitoring and administration</p> <p><input type="checkbox"/> Capacity Building and Sharing of Information</p> <p><input type="checkbox"/> Inter-regional</p>
<p>Why: To achieve global and regional aviation safety priorities and targets.</p>	
<p>When: Immediate</p>	<p>Status: On-going</p>
<p>Who: <input type="checkbox"/> Sub-groups <input checked="" type="checkbox"/> APAC States <input checked="" type="checkbox"/> ICAO APAC RO <input checked="" type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Other: <i>COSCAP / RSOO</i></p>	

<p>Conclusion RASG-APAC 7/5 —Regional Safety Oversight Organizations (RSOOs) (WP/17)</p>	
<p>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.</p>	<p>Expected impact:</p> <p><input checked="" type="checkbox"/> Achievement of global and regional aviation safety priorities and targets</p> <p><input type="checkbox"/> Enhancement of USOAP effective implementation</p> <p><input type="checkbox"/> Monitoring and administration</p> <p><input type="checkbox"/> Capacity Building and Sharing of Information</p> <p><input type="checkbox"/> Inter-regional</p>
<p>Why: To achieve global and regional aviation safety priorities and targets.</p>	
<p>When: DGCA Conf</p>	<p>Status: On-going</p>
<p>Who: <input type="checkbox"/> Sub-groups <input type="checkbox"/> APAC States <input type="checkbox"/> ICAO APAC RO <input checked="" type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Other:</p>	

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)	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.
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.)	APRAST/10 agreed to combine LOC/2 and LOC/4, as both outputs make use of SMS principles and methodology. As the LOC/2 champion (AAPA) was absent from APRAST/10, LOC/4 champion (Malaysia) will coordinate with LOC/2 champion prior to RASG-APAC/7. RASG-APAC/7 approved that the outputs of LOC/2 and LOC/4 be combined. The guidance material for the combined LOC/2 and LOC/4 is approved. (Decision RASG-APAC 7/6 refers) Approved guidance material to be made available on the RASG-APAC/APRAST website and be uploaded onto the 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.)	APRAST/10 noted that draft guidance material for LOC/4 had been circulated for comments within SEI WG, and is ready to be submitted to RASG-APAC/7 for approval. RASG-APAC/7 approved that the outputs of LOC/2 and LOC/4 be combined. The guidance material for the combined LOC/2 and LOC/4 is approved. (Decision RASG-APAC 7/6 refers) Approved guidance material to be made available on the RASG-APAC/APRAST website and be uploaded onto the monitoring mechanism.
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: <i>large height deviations</i> , <i>English language proficiency</i> and <i>terrain/obstacle databases</i> , 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)

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S/N	Decision RASG-APAC	APRAST Ref	Subject Ref (if any)	Champion	Brief Description	Status
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.
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. NokScoot will continue to develop the website and later its website user guide. Pending further update from Nokscoot.
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	Based on the results of the survey on training demands for AIG topics conducted in December 2016, APRAST/10 noted that a few of the training topics desired by States/Administrations had already been included in the APAC-AIG work plan. APAC-AIG identified possible training for States/Administrations, with the aim of achieving USOAP AIG EI rates, including the ICAO Asia Pacific Regional Accident Investigation Workshop which will be organised by APAC-AIG on 3-4 August 2017. APAC-AIG will review the training needs of States/Administrations, and where necessary, develop additional training, taking into consideration experience and feedback from training conducted in 2017.
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.
9		Decision APRAST 8/21 Conclusions APRAST 8/11, 8/12	-	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 approval.	SRP WG had completed and published both the 'public' and 'member' versions of the Annual Safety Report 2016. The timeline of producing 2017 APAC Annual Safety Report was agreed at APRAST/10.
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	
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.	
RASG APAC STANDING WORK PROGRAMME						

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