



ICAO

TENTH MEETING OF THE REGIONAL AVIATION SAFETY GROUP - ASIA AND PACIFIC REGIONS (RASG-APAC/10)

(Bangkok, Thailand, 17-18 December 2020 on Virtual Platform)

Agenda Item 3: RASG-APAC consideration and approval

UPDATE ON APRAST SEI WORKING GROUP ACTIVITIES

(Presented by Co-chair of SEI WG)

SUMMARY

This paper updates the meeting on the activities of the APRAST Safety Enhancement Initiative Working Group (SEI WG) since RASG-APAC/9.

Based on the comments and suggestions from the APRAST members, SEI WG submitted proposals and outputs to APRAST/15 by working papers to enhance the accessibility of the RASG-APAC approved SEIs outputs, to report the result of the periodic review of the SEI outputs, and to facilitate members to report their SEI implementation status in the Online Monitoring Tool by providing a guideline.

The Meeting is invited to:

- a) note the activities and outputs of SEI WG; and
- b) request States/Administrations, International and Regional Organisations including COSCAPs continue to support the work of SEI WG and provide experts and champions to assist the development of future Safety Enhancement Initiatives when needed.

1. INTRODUCTION

1.1 In between RASG-APAC/9 and RASG-APAC/10, the Safety Enhancement Initiative Working Group (SEI WG) has held an SEI WG coordination meeting and a meeting in conjunction with APRAST/15 on 13 May 2020 and 24-25 June 2020 respectively by virtual platform due to the pandemic situation.

1.2 In APRAST/15, 3 Working Papers were submitted to APRAST/15 for the proposals and outputs from SEI WG to enhance the accessibility and maintain the currency of the RASG-APAC approved SEIs outputs, and to facilitate members to report their SEI implementation status in the Online Monitoring Tool by providing a guideline.

2. DISCUSSION

2.1 The objective of the SEI WG, which is established under the RASG-APAC / APRAST, is to assist in the development, implementation, and review of SEIs to reduce aviation risks in the APAC region. The RASG-APAC SEIs could be established on the basis of the analysis of regional data, ICAO

initiatives or the initiatives of other relevant organisations or regions, or the risks and issues identified through the USOAP CMA process. The identified SEIs will be prioritized to ensure that those that have the greatest potential for reducing safety risk are examined first. The detailed process is laid down in RASG-APAC Procedural Handbook.

2.2 The status of SEI outputs from RASG-APAC

2.2.1 Currently, there are 17 SEI outputs approved or endorsed by RASG-APAC and they remain valid. Those SEIs were developed to address the regional aviation safety priority on the operational risks in the areas of LOC-I, CFIT, Runway Safety including Runway Incursion and Runway Excursion. All those SEIs were developed by the volunteer champions from the APRAST member States/Administrations and International/Regional Organisations.

2.2.2 To address the regional operational safety risks, the Asia Pacific - Asia-Pacific Regional Aviation Safety Plan (AP-RASP) 2020-2022 was developed and this safety plan includes a series of actions related to a continuous reduction of operational safety risks, and all SEI outputs are endorsed as the action items in Operational Roadmaps in the AP-RASP 2020 – 2022.

2.3 Periodic review of SEI outputs

2.3.1 Following the development of SEIs, the implementation of completed SEIs is then supported by APRAST members to reduce aviation risk. However, with the technological improvements and the increasing complexity of the operating environment, the completed SEI output(s) may need to be revised or removed as it is important to keep the completed SEI output(s) current for realistic implementation by APRAST members to cope with the identified risk.

2.3.2 Even APRAST members can provide their feedback of each SEI output to RASG/APRAST Secretariat individually at any time as suggested, another mechanism is suggested to ensure those approved SEIs remain current and valid for implementation. SEI WG concluded in APRAST/12 to form an SEI Review Group to conduct the periodic review on SEI outputs by batch between every APRAST meeting and to report back to the APRAST meetings. As of today, 17 APRAST Members States/Administrations and International/Regional Organisations¹ have joined this SEI review group. The priority on which SEIs to be reviewed is based on the RASG-APAC approval date of each SEI output. To facilitate the SEI outputs review, a standard review form is used for the review group members to provide their feedback.

2.3.3 As of RASG-APAC/10, a total of 9 SEI outputs have been reviewed by the SEI Review Group since APRAST/12 and the review results were reported back to the APRAST meetings. Currently, additional 2 SEI outputs (RS1 and RE7) are under review by SEI Review Group (APRAST/15 –WP/17) and the result will be reported back to the next APRAST meeting. This periodic SEI review task will be incorporated into the 2020/2021 yearly work programme.

2.4 Follow up comments and suggestions from the SEI Implementation Survey

2.4.1 In view of the implementation impediments expressed by APRAST members from the SEI Implementation Workshop at APRAST/12, a survey was conducted by the SEI WG for the SEI implementation in order to obtain further feedback from all APRAST members on applicability, priority, implementation challenges as well as if any particular assistance is required during the SEI implementation. As the feedback from the survey, the layout and the presentation of the SEI outputs in the ICAO APAC website and presentation of the online SEI implementation Monitoring Mechanism is

¹ The 17 members of SEI Review Group are Australia, Cambodia, China, Macao-China, Hong Kong-China, India, Indonesia, Japan, Malaysia, Singapore, Thailand, IFALPA, COSCAP-NA, COSCAP-SA, COSCAP-SEA, US CAST and IATA.

suggested to be improved. A guideline for APAC States/Administrations to use the online monitoring tool is also suggested.

New layout for SEI Outputs webpage

2.4.2 SEI WG reviewed the existing webpage layout of those RASG-APAC SEI outputs and a new layout was proposed by a working paper to improve the presentation and accessibility of those approved SEIs outputs and Safety Tools to ARPAST/15 (APRAST/15 –WP/15). Additionally, having the hyperlinks of all the SEIs outputs in the online SEI Implementation Monitoring Tool was also suggested by the SEI WG. All the proposed changes were agreed and APRAST endorsed the proposals by Decision ARPAST 15/8 and Decision APRAST 15/9.

2.4.3 With assistance from ICAO Secretariat, the new layout of the SEI outputs webpage is now available (<https://www.icao.int/APAC/RASG/Pages/SafetyTools.aspx>). The new layout improves the accessibility of those SEIs and minimizes the possible confusion as identified from the survey feedback. The hyperlinks for all those SEI outputs in the Online Monitoring Tools are under construction now and they will further improve the accessibility of those approved SEIs outputs to APRAST members.

Guideline to use the online monitoring tool

2.4.4 SEI WG was also tasked to develop a guideline to facilitate the APAC States/Administrations to report their SEIs outputs and safety tools implementation progress. Based on the current practices and experience from APAC States/Administrations, the SEI Core Group² has prepared a guideline to facilitate the online monitoring tool users on how to report their SEIs outputs implementation progress as one of the actions from our AP-RASP.

2.4.5 The proposed guideline developed by SEI Core Group was endorsed by ARPAST/15 (APRAST/15 –WP/16). Currently, ICAO Secretariate is in the process to incorporate this guideline into the user guide in the online monitoring tool as Decision APRAST 15/10 from the APRAST/15 meeting.

3. ACTION BY THE MEETING

3.1 The Meeting is invited to:

- a) note the activities and outputs of SEI WG; and
- b) request States/Administrations, International and Regional Organisations including COSCAPs in this region continue to support the work of SEI WG and provide experts and champions to assist the development of future Safety Enhancement Initiatives when needed.

— END —

² The SEI Core Group includes Australia, Bangladesh, Cambodia, China, Hong Kong China, Macao China, India, Indonesia, Lao, Mongolia, Republic of Korea, Singapore, Thailand, AAPA, COSCAP-NA, COSCAP-SEA, COSCAP-SA, IATA, IFALPA and US CAST.