

International Civil Aviation Organization (ICAO)

**Regional Aviation Safety Group
(Asia & Pacific Regions)**

Asia Pacific Regional Aviation Safety Team

Preamble

Background on Regional Aviation Safety Group – Asia & Pacific (RASG – APAC)

The Regional Aviation Safety Group Asia-Pacific (RASG-APAC) was established in 2011 by the Council of ICAO. The RASG-APAC is tasked with improving aviation safety in the Asia & Pacific regions by developing and implementing a work programme, in line with the ICAO Global Aviation Safety Plan, aimed at identifying and implementing safety initiatives to address known safety hazards and deficiencies in the region.

The Asia Pacific Regional Aviation Safety Team (APRAST), a sub-group of the RASG-APAC, assists the RASG-APAC in its work by recommending safety interventions which will reduce aviation safety risks.

The full commitment and active participation of APAC States/Administrations and the industry partners is fundamental to the success of the RASG-APAC in reducing aviation safety risks and accident rates in the Asia and Pacific regions.

Disclaimer

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Feedback/Enquiries

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Guidance Materials and Training Programs for Runway Pavement Maintenance and Operations from Aerodrome Operator's Perspective

Introduction

The purpose of this document is to indicate relevant industry guidance materials and training program for runway pavement maintenance and runway operations from the aerodrome operator's perspective.

Background of Safety Enhancement Initiative (SEI)

APRAST/1 held in February 2012 agreed to create an SEI coded RE7 under the category of Runway Excursion (RE) to "improve runway conditions in accordance with Annex 14."

ACI was then assigned the champion of this SEI.

At APRAST/4 held in April 2014 the title of the SEI was refined as "providing guidance material and training program for runway pavement maintenance and operations from aerodrome operator's perspective."

Applicability to States / Industry

While this SEI is primarily applicable to aerodrome operators, State regulators may find its content of useful reference too.

<i>Stakeholder(s)</i>	<i>Actions</i>
Aerodrome Operators	1. Review the contents of the SEI safety output. 2. Provide training (initial and/or recurrent) that reinforces runway safety management (use of the ACI guidance, webinars and training courses highly encouraged). 3. Evaluate existing procedures designed to mitigate runway safety events against recommended best practices within the SEI output. 4. Assess and revise airport policies and procedures based on the results from the evaluation of Action 3. 5. Provide feedback to the regulator as applicable.
State Regulator	1. Review the contents of the SEI safety output. 2. Adopt the applicable SEI elements into national regulation or advisory circular. 3. Socialize to the aerodrome operators. 4. Monitor the implementation of the regulation or advisory circular.

SEI Contents / Phases

Aerodrome operators are encouraged to make use of the following guidance materials, webinar recordings and training courses:

Guidance Materials

- [ACI Airfield Maintenance Handbook, 1st edition, 2023](#)
- [ACI Runway Safety Handbook, 2nd edition, 2022](#)

Webinar Recordings

- [Implementing Global Reporting Format \(GRF\) at airports with non-winter conditions](#)
- [GRF Implementation: practical guidance for airports in regions not affected by winter operations](#)
- [Implementing GRF at airports with winter conditions](#)

Training Courses

- [ACI/ICAO Global Reporting Format for Airport Operators \(online self-learning\)](#)
- [Runway Safety Management](#)

Action/Comments by RASG

This SEI was added to the RASG work program 2013/2014 at its third meeting held in June 2013 per Conclusion APRAST 3/12. The 4th meeting of RASG-APAC endorsed the safety output.

This SEI was added to the Asia Pacific Regional Aviation Safety Plan (AP-RASP) 2020-2022 as Action item A.I.7 and retained in the 2023-2025 edition of the AP-RASP. In accordance with the RASG Procedural Handbook, this SEI was reviewed for validity and currency and respective changes were approved at APRAST/16 and APRAST/22.

It is recommended that the content of this SEI be reviewed and updated annually.