



International Civil Aviation Organization
Asia and Pacific Office

**Twenty-fourth Meeting of the Asia Pacific Regional Aviation Safety Team
(APRAST/24)**

(Bangkok, Thailand, 01 to 05 December 2025)

Agenda Item 8: Any Other Business

**FSF AP-CAS WORKSHOPS TO ADDRESS CONTRIBUTING
FACTORS TO SYSTEM COMPONENT FAILURE**

(Presented by Asia Pacific Centre for Aviation Safety (AP-CAS) a branch of
the Flight Safety Foundation (FSF))

SUMMARY

This paper introduces a regional initiative led by the Asia Pacific Centre for Aviation Safety to address recommendations that were identified by the AP-CAS Airworthiness Needs Analysis Study (2017–2023) examining SCF-NP and SCF-PP. This study identified oversight, component integrity and reporting challenges and made recommendations that were endorsed at APRAST/23.

The paper introduces three workshops, being offered in partnership with the ICAO APAC-RO and COSCAP-SEA, that are intended to address these recommendations.

It invites the APRAST to:

- a) note the ongoing regional effort;
- b) support this initiative by promoting participation

1. INTRODUCTION

1.1 In response to recommendations supported by 23rd Meeting of the Asia Pacific Regional Aviation Safety Team (APRAST/23), the Flight Safety Foundation's Asia Pacific Centre for Aviation Safety (AP-CAS) is undertaking the development and delivery of three workshops on System Component Failures (SCF).

1.2 These workshops respond to recommendations supported by APRAST/23 and builds on the AP-CAS Airworthiness Needs Analysis Study (2017–2023) examining SCF-NP and SCF-PP and related oversight, integrity and reporting challenges.

1.3 AP-CAS will deliver three workshops to address three distinct aspects of airworthiness that were identified as contributing factors towards SCF. Even though these workshops are being delivered to specifically address SCF they will enhance awareness more broadly of inspectorate responsibilities and the critical role of communication in the airworthiness lifecycle.

1.4 All three workshops are being conducted in partnership with the ICAO-Regional Office and COSCAP-SEA.

2. DISCUSSION

2.1 Earlier this year two three-hour webinars were delivered, coordinated with ICAO APAC, COSCAP-SEA and AAPA with dates/times published through email invitations sent to AAPA members and non-member airlines/MROs. Additionally, an ICAO State letter invitation was sent to regulators in the APAC region, and a letter was sent by COSCAP-SEA CTA encouraging participation. Webinar dates were as follows:

Regulators Webinar: Tuesday, 07 October 2025, 09:00–12:00 (Bangkok, UTC+7).

Industry Webinar: Thursday, 09 October 2025, 09:00–12:00 (Bangkok, UTC+7).

Participation in both webinars was very positive and participants were informed that future workshops would provide deeper coverage of the material. The following three workshops are designed with that intent.

2.2 Workshop 1: *Expected 2 February 2026 – One-day: A Hybrid Workshop on Continuing Airworthiness Responsibilities – Strengthening Regulatory Inspectorate Capabilities*, is designed to:

1. Deliver targeted material-dependent training for State regulator inspectorate personnel in the APAC region.
2. Reinforce ICAO Annex 6 and Annex 8 obligations related to:
 - Continuing airworthiness responsibilities
 - Minimum Equipment List (MEL) approvals and compliance,
 - Defect rectification and control
 - Recurring defect monitoring
 - Maintenance program approvals
3. Review and contextualize the System Component Malfunction (SCF-NP and SCF-PP) results from the AP-CAS Airworthiness Needs Analysis Study, highlighting their regulatory implications.
4. Integrate real SCF-NP and SCF-PP case studies from the AP-CAS study into scenario-based exercises.
5. Provide a replicable hybrid workshop model that can be institutionalized for future regional training.

2.3 Workshop 2: *Expected 24 - 26 March 2026 (Three-days hybrid): ICAO International Requirements for Aeronautical Parts Conformity, Traceability, and Suspected Unapproved Parts (SUPs) Identification, Detection, and Resolution. – Enhancing Regulatory and Industry Compliance*, is designed to be a hybrid workshop tailored for regulatory inspectorate staff and all other aviation persons involved in the regulation, production, operation, maintenance or sales of aircraft and associated parts to:

1. Enhance knowledge and understanding of ICAO's international standards and recommended practices related to parts conformity, parts traceability, and airworthiness.
2. Improve regional regulatory and industry compliance with ICAO Annexes 6 and 8 and share best practices.
3. Identify and address common regional challenges related to aircraft parts conformity and traceability.
4. Equip participants with the skills to effectively identify, detect, and manage risks associated with SUPs and share best practices.

2.4 Workshop 3: *Expected 12-13 May 2026 (Two-days hybrid): **Enhancing Airworthiness Information Management and Safety Investigation Practices.*** This is being designed to be an in-person workshop to improve use of the Airworthiness Information Network and familiarize participants with the importance of the information loop between the type certificate holder and the AOC holder as well as between the State of Design and the State of Registry in the continued/continuing airworthiness lifecycle.

2.5 As this constitutes a regional safety concern, and given APRAST's role as the technical body for regional safety implementation, APRAST's involvement is essential to ensure alignment, technical rigour, and eventual adoption under the appropriate APRAST Working Group. This will enable the CHTF's work to be channelled effectively for detailed technical coordination and follow-up. Such engagement would also strengthen regulator–industry collaboration and support the development of a clear, regionally consistent model for CRM implementation and oversight alignment.

3. ACTION BY THE MEETING

3.1 The Meeting is invited to:

- a) **note** the upcoming webinars.
- b) **encourage** participation by States and industry and promote registration and attendance.
- c) **Location:** In-person sessions for workshops will be held at the APAC Regional Office in Bangkok and final dates will be communicated via State Letter. Virtual link will be provided upon registration.

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