



International Civil Aviation Organization
Asia and Pacific Office

Fourteenth Meeting of the Regional Aviation Safety Group – Asia and Pacific Regions (RASG-APAC/14)

(Bangkok, Thailand, 28-29 November 2024)

Agenda Item 4: ICAO/ Member State / Industry Presentations

AVIATION SAFETY INITIATIVES IN THE ASIA-PACIFIC REGION

(Presented by the Association of Asia Pacific Airlines)

SUMMARY

This paper highlights the Association of Asia Pacific Airlines' (AAPA) ongoing aviation safety initiatives as articulated in the recently adopted **AAPA Resolution on Aviation Safety Initiatives**. The resolution emphasises collaboration between airlines, regulators, manufacturers and other stakeholders to enhance aviation safety across the Asia-Pacific region. It aligns closely with the safety priorities identified in the ICAO Global Aviation Safety Plan (GASP) and Asia Pacific Regional Aviation Safety Plan (APAC-RASP). This document also complements the ongoing work of the Flight Safety Foundation (FSF) by underscoring shared goals and supporting their focus on addressing high-risk categories like Loss of Control In-flight (LOC-I) and System Component Failures (SCF).

The meeting is invited to note AAPA's efforts, support the implementation of the Resolution's initiatives and encourage strengthened collaboration between regional stakeholders.

1. INTRODUCTION

1.1 The Association of Asia Pacific Airlines (AAPA) has long been committed to advancing aviation safety across the region. At its 68th Assembly of Presidents in November 2024, the AAPA adopted a Resolution on Aviation Safety Initiatives to address critical risk categories and enhance operational resilience.

1.2 The AAPA Resolution aligns with global and regional priorities, specifically the ICAO GASP and APAC-RASP, by addressing key safety risks such as:

- ◇ Loss of Control In-flight (LOC-I),
- ◇ System Component Failures (SCF),
- ◇ Flight Path Management (FPM), and
- ◇ Implementation of Upset Prevention and Recovery Training (UPRT).

1.3 These initiatives reinforce collaboration between airlines, regulators and training organisations to address safety challenges and support continuous improvement in aviation safety practices.

2.0 DISCUSSION

2.1.1 Alignment with the Flight Safety Foundation (FSF) Initiatives

2.1.2 The Flight Safety Foundation has made significant strides in safety improvement through its projects on:

- Airworthiness Needs Analysis,
- Upset Prevention and Recovery Training (UPRT),
- Flight Path Management (FPM).

2.1.3 These projects align with the key priorities outlined in the AAPA Resolution, specifically in the areas of:

- Strengthening pilot competencies in UPRT and manual flying skills,
- Enhancing maintenance practices to address SCF risks, and
- Supporting collaborative initiatives for training and operational improvement.

2.2 Implementation of AAPA Safety Initiatives

2.2.1 The AAPA Resolution underscores the importance of:

- Advocating for regulatory alignment with global best practices,
- Promoting partnerships between airlines and equipment manufacturers to improve airworthiness,
- Facilitating regional forums for knowledge-sharing and collaboration.

2.2.2 AAPA's initiatives contribute to addressing systemic risks identified by FSF, particularly in:

- Non-powerplant System Component Failures (SCF-NP),
- Powerplant System Component Failures (SCF-PP).

2.2.3 To support these initiatives, AAPA is committed to fostering dialogue among stakeholders, leveraging data-driven insights and driving innovation in safety practices.

3. ACTION BY THE MEETING

3.1 The Meeting is invited to:

- a) Note the initiatives outlined in the **AAPA Resolution on Aviation Safety Initiatives**, attached to this paper;
- b) Encourage States and industry stakeholders to collaborate with AAPA in implementing these safety initiatives; and
- c) Recognise the alignment between AAPA and FSF efforts and support the broader adoption of best practices in aviation safety across the Asia-Pacific Region.

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**ASSOCIATION OF ASIA PACIFIC AIRLINES
RESOLUTION NO. 6
Series of 2024**

A RESOLUTION ON AVIATION SAFETY INITIATIVES

The AAPA ASSEMBLY OF PRESIDENTS, in its 68th meeting duly assembled,

RECOGNISING THAT:

- I. Aviation Safety is the industry's top priority;
- II. The industry's high safety standards are the result of collaboration and the continuous exchange of data and best practices;
- III. The Flight Safety Foundation (FSF) has embarked on important safety projects for 2024, including Airworthiness Needs Analysis, Upset Prevention and Recovery Training (UPRT), and Flight Path Management;
- IV. The ICAO Global Aviation Safety Plan (GASP) and Asia Pacific Regional Aviation Safety Plan (APAC-RASP) highlight the importance of addressing risks such as Loss of Control In-flight (LOC-I), one of the leading causes of fatal accidents;

NOTING THAT:

- V. The FSF's Airworthiness Needs Analysis Study has highlighted emerging risks in the region, including System Component Failures (SCF), contributing to a significant number of incidents and accidents between 2017 and 2023;
- VI. Challenges in Flight Path Management, particularly in the management of automation and situational awareness, have contributed to safety risks, necessitating improvements in training and operational procedures;
- VII. UPRT implementation across the Asia Pacific region can be made more consistent with better coordination between regulators, airlines, and training organisations;

BELIEVING THAT:

- VIII. Greater collaboration between regulatory authorities, airlines, and professional organisations will enhance safety standards in the region;
- IX. Addressing safety risks through a balanced focus on UPRT, flight path management, and airworthiness improvements will contribute to operational resilience and reduce accident rates;
- X. Strengthening partnerships between airlines, regulators, and equipment manufacturers will enhance the effectiveness of these safety measures, further improving aviation safety standards across the Asia Pacific region;

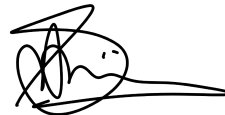
RESOLVES TO:

- XI. Call on Asia Pacific regulators to collaborate closely with airlines and training organisations in the region to support the wider implementation of UPRT, and procedures to mitigate LOCI risks;
- XII. Advocate for enhanced cooperation between regulatory bodies and airlines to develop and implement effective regulations aligned with best practices in Flight Path Management, improving manual flying skills and automation management among pilots;
- XIII. Facilitate dialogue between airlines, manufacturers, and maintenance organisations to improve the flow of airworthiness information and address the root causes of System Component Failures (SCF), with the aim of enhancing safety and operational reliability;
- XIV. Collaborate with ICAO, national authorities, FSF and professional organisations to support the adoption of safety measures that address the most critical risk categories identified in the Asia Pacific region.

Approved this 13th day of November 2024.

Certified correct:

Attested by:



SUBHAS MENON
Director General

SABIRIN HJ ABDUL HAMID
AAPA Chairman – 2024