



Agenda Item 5: Plans effectiveness

**EVENT RISK CLASSIFICATION/ SAFETY PERFORMANCE INDICATOR (ERC/SPI)
WORKSHOP**

(Presented by Airbus)

The availability of personnel qualified in Safety Risk Management methodologies is critical to the identification, assessment, and effective management of risk at a State level. In support of this need Airbus will collaborate with the ICAO SAM Regional Office to deliver workshops targeting Safety Risk Management capabilities.

**ICAO Strategic
Objectives:**

A: Safety
B: Air navigation capacity and efficiency

1. Introduction

1.1 The ICAO Standards and Recommended Practices (SARPs) establish that States shall reach “the highest practicable degree of uniformity in regulations, standards, procedures and organization in relation to aircraft, personnel, airways and auxiliary services in all matters in which such uniformity will facilitate and improve air navigation.”

1.2 State safety management requirements provide specifications for performance, personnel and processes, under the direct responsibility of States, necessary for the safety of air transportation. These requirements include the establishment and maintenance of a State Safety Programme (SSP), the collection, analysis and exchange of safety data and the protection of safety information.

1.3 The ICAO Safety Management SARPs also require an acceptable level of safety to be established by States as defined by their safety performance targets and safety performance indicators.

1.4 Effective Safety Risk Management is an enabler for States to have an accurate understanding of the challenges and risks within their scope of operations. As such, the capabilities for effective Event Risk Classification and Safety Performance Indicators are methodologies that provide states with the ability to mitigate risks.

2. Discussion

2.1 To address this challenge, Airbus proposes to conduct free workshops targeting Event Risk Classification and Safety Performance Indicator (ERC/SPI) tailored specifically to Civil Aviation Authorities of the SAM region. The workshops will be delivered in the second semester of 2025 in the ICAO Office in Lima, Peru.

2.2 Recognizing the unique requirements in the region, the workshops are designed to align with the discipline and experience level of delegates from States. Further details and the outline of the workshop can be found in Appendix A.

3. Suggested action

3.1 The Meeting is invited to:

- a) Note the plan for workshops targeting ERC/SPI; and
- b) Support attendance of your State representative.

- END -

Appendix A

Event Risk Classification & Safety Performance Indicators

1.5-Day Interactive Workshop

Specialisation: Safety & Risk Management

This workshop starts with an overview of the soon to be released Safety Intelligence Manual (ICAO Doc 10159). The session moves on with a combination of theoretical knowledge and practical exercises to equip staff and industry stakeholders with the skills needed to classify Mandatory Occurrence Reports (MORs) and develop effective Safety Performance Indicator (SPI) frameworks.

Providing the confidence to apply these skills to enhance analysis, drive safety risk management activities and build knowledge for improved aviation data driven decision making.

Objectives:

• **ICAO Safety Intelligence Manual (DRAFT)**

1. Detail considerations for a good Safety Intelligence strategy
2. Describe Safety Data Collection Processing Systems (SDCPS)
3. Discuss and share Safety data analysis techniques
4. Providing information on the types of competencies that may be required for a Safety Intelligence Function

• **ERC Objectives:**

1. Introduce the ARMS and ERC methodology for reviewing and classifying MORs by severity.
2. Develop participants' ability to apply a risk classification table to real-life MORs, focusing on consistency and objectivity.
3. Facilitate a standardised approach to scoring and overseeing event risks.
4. Provide theoretical guidance on applying Event Risk Classification Schemes (ERCS).

• **SPI Objectives:**

1. Guide participants in creating SPI frameworks tailored to their safety management systems (SMS) or State Safety Programs (SSP).
2. Train attendees to identify, implement, and monitor both lagging and leading SPIs.
3. Offer tools for effective oversight of service provider SPIs to ensure their relevance, monitoring, and impact.
4. Support participants in conducting exercises to establish SPI catalogues and implementation cycles.