

ICAO SAFETY Framework

The High-level Safety Conference (HLSC), held at ICAO Headquarters in Montreal in March 2010, provided recommendations to help further reduce the global accident rate through the early detection and proactive mitigation of safety risks. Adopting a collaborative approach, based primarily on the increased sharing of information for the purpose of promoting aviation safety, the HLSC endorsed a number of key safety initiatives contained within the ICAO Safety Framework.

The **Safety Framework** includes the following four areas of inter related activities:

**Policy and
Standardization**

**Safety
Monitoring**

Safety Analysis

Implementation



Policy and Standardization

The global aviation system changes rapidly and continuously, fulfilling a unique mandate as a facilitator of social mobility and development and as a cornerstone of economic growth at the global, regional and local levels.

The policies, procedures and systems that allow civil aviation to achieve this mandate while remaining safe, secure, efficient and environmentally sustainable are prescribed within ICAO's coordinated international Standards and Recommended Practices (SARPs).

All these activities are harmonized by the principles and objectives outlined in the Organization's Global Aviation Safety Plan (GASP) and many State-specific safety SARPs are presently being collated into a new Safety Management Annex which is currently under development.





Safety Monitoring

Statistical data highlights that the effective implementation of the critical elements related to safety oversight systems is instrumental to the achievement of positive and industry-wide safety outcomes. These outcomes are further aided by proper adherence to safety-relevant ICAO Standards and Recommended Practices (SARPs), as well as associated procedures and guidance materials.

In order to maintain an account of the degree of global adherence to its safety-related guidance, ICAO monitors its Member States on a regular basis through its Universal Safety Oversight Audit Programme (USOAP) activities.

A photograph showing two workers in a yellow aerial lift basket cleaning a large orange cylindrical structure on an aircraft. The workers are wearing dark clothing and are using high-pressure water jets. The structure is part of a larger aircraft component, possibly a fuselage or a large engine casing. The background is a bright, overcast sky.

Safety Analysis

Aviation activities, such as the air transport system and State safety oversight, each provide a piece of the puzzle relative to the 'big picture' of aggregate global aviation safety levels.

This part of the Safety Framework presents the conclusions generated by various safety analysis performed at ICAO, highlighting recently developed tools and capabilities that assist the Organization in identifying safety risks and outcomes.

As these analytical tools mature, the more detailed information they provide will serve as a basis for increased levels of safety intelligence and as a 'safety-compass' for guiding the more effective allocation of ICAO and State resources.

Implementation

In line with its underlying mandate and as a natural consequence of its policy, monitoring and analysis activities in this area, ICAO further promotes global aviation safety through the implementation of specific initiatives, tools, training activities and programmes. These are aimed at improving targeted safety outcomes across the breadth of civil aviation's operational domains.

ICAO is assisted in its implementation activities by its comprehensive regional network, which allows it to cultivate strategic partnerships with local organizations and stakeholders in order to provide the most cost-effective and operationally beneficial assistance possible to its Member States.