



Runway Safety

ICAO has been called upon by the international civil aviation community to lead the collaborative effort required to reduce the number of runway-related accidents and incidents worldwide. As a result, ICAO and its Runway Safety Programme (RSP) Partners have been working together to minimize and mitigate the risks of runway incursions, runway excursions and other events linked to Runway Safety. ICAO brings the community together to raise awareness and share information supporting effective solutions.

Results: The results of the RSP actions have an impact on the aviation safety record by reducing the number of runway-related accidents, and is reflected in the ICAO regional dashboards (www.icao.int/safety/pages/regional-targets.aspx). ICAO collaborative efforts led to a reduction of runway safety-related accidents by 32% in the 2010-2013 period.

Global symposium and regional seminars: Following the Global Runway Safety Symposium in 2011, Regional Runway Safety Seminars have been organized by ICAO and partners in all regions.

Coordination Meetings: ICAO hosts regular planning and coordination meetings with Runway Safety programme partners to ensure consistency and collaboration among the different partner's programs. As a result, leading initiatives such as the Airport Excellence (APEX) in Safety Programme by Airports Council International (ACI) are now coordinated with ICAO Runway Safety Go-Team missions.

Runway Safety Teams (RST)

ICAO promotes and supports the establishment and enhancement of multi-disciplinary Runway Safety Teams at aerodromes. The ICAO Runway Safety (RS) Go-Teams are aimed to provide international technical assistance from ICAO and RSP partner organizations for the implementation of effective Runway Safety Teams to improve Runway Safety, supporting the implementation by providing technical assistance, including training, assessments, gap analyses, expert advice and guidance, based on best practices. RSTs have proven highly successful at mitigating the risks of runway incursions and excursions, providing a collaborative solution which regulators, air navigation service providers, airline and airport operators have all positively contributed to.





Guidance material and implementation kits (i-Kits)

The ICAO Runway Safety web site provides information on the Runway Safety Programme as well as references and links to the ICAO partners. Most relevant RSP partners information can be accessed from the site, including regional events, guidance materials and tool kits.

In 2014, ICAO released the first edition of the Runway Safety I-Kit, which included the new ICAO Runway Safety Handbook and many other references produced by the RSP partners to serve as a single reference for Runway Safety and promoting the sharing and exchange of safety information, guidance and tools between stakeholders. A Runway Safety Go-Team methodology was also developed to harmonize and align the multidisciplinary efforts from all partners and stakeholders in providing on-site assistance to airports on establishing and managing RSTs.

The ICAO Runway Safety iKit contains available Runway Safety references and tools from the Runway Safety Programme partners:

www.icao.int/safety/RunwaySafety/Pages/default.aspx

Ongoing Initiatives

ICAO is actively engaged with IATA and RSP partners to agree on common language/taxonomy and establish globally recognized Key Performance Indicators for Runway Safety. In the field of aerodromes, ICAO is also developing new provisions related to Runway Safety that include new definitions and improved requirements.

List of Key References

- ICAO Runway Safety Team Handbook
- Manual on the Prevention of Runway Incursions (ICAO Doc 9870)
- Safety Management Manual (ICAO Doc 9859, 3rd edition)
- ACI Runway Safety Handbook 2014
- IFALPA Runway Safety Manual
- IATA Runway Excursion Risk Reduction (RERR) Toolkit
- European Action Plan for the Prevention of Runway Excursions (Edition 1.0)
- European Action Plan for the Prevention of Runway Incursions (Edition 2.0)
- FAA Runway Safety Action Team (RSAT) Tool Kit v2.0



ICAO

For more information on ICAO's Runway Safety efforts, please visit:

www.icao.int/safety/runwaysafety

Or contact ICAO's Runway Safety Programme team via:

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