



ICAO

UNITING AVIATION

# State Runway Safety Programmes

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# Assembly Resolution A37-6 (2010)

- Whereas runway accidents constitute a large portion of all accidents and have resulted in a great number of fatalities;
- Whereas runway excursions are the highest single occurrence category of all accidents over the last ten years...
- Whereas there are several areas of technological development...in the prevention and mitigation of runway accidents and serious incidents;



# Assembly Resolution A37-6

- The Assembly
  - Urges States to take measures to enhance runway safety, including the establishment of runway safety programmes using a multidisciplinary approach...
  - Resolves that ICAO shall actively pursue runway safety using a multidisciplinary approach;
  - Invites States to monitor runway safety events and related precursors as part of the safety data collection and processing system under their State Safety Programmes.



# Assembly Resolution A37-6

- Associated Practices
  - The runway safety programmes should be based on inter-organizational safety management including the creation of local runway safety teams...
  - The Council should further develop provisions to assist States in establishing runway safety programmes
  - States should be encouraged to participate in global and regional seminars and workshops to exchange safety information and best practices on runway safety



# Overview of ICAO Documentation

- Annexes 2, 6, 8, 11, 13, 14, 15, 19
- PANS-ATM (Doc 4444); PANS-OPS (Doc 8168); PANS-Aerodromes (Doc 9981)
- Guidance material in ICAO manuals and circulars, such as
  - Manual on the Prevention of Runway Incursions (Doc 9870)
  - Advanced Surface Movement Guidance and Control Systems (A-SMGCS) Manual (Doc 9830)
  - Manual on Simultaneous Operations on Parallel or Near-Parallel Instrument Runways (SOIR) (Doc 9643)
  - Aerodrome Design Manual, Part 4, Visual Aids (Doc 9157)
  - Circular 329 Runway Surface Condition Assessment, Measurement and Reporting
  - Safety Management Manual (SMM) (Doc 9859)
  - ...



## Overview of ICAO Documentation (cont'd)

- Runway Safety Team Handbook 2nd Edition
- Runway Excursion Risk Reduction Toolkit (ICAO/IATA)
- ICAO Runway Safety Toolkit (ICAO / Embry-Riddle Aeronautical University)
- Runway Safety Go-Team Methodology
- Runway Incursion Severity Classification (RISC) (ICAO / FAA)



# State Runway Safety Programme (RSP)

*An integrated set of regulations and activities aimed at improving runway safety*

(Runway Safety Team Handbook 2nd Edition)



## Runway Safety Team

*A team comprised of representatives from the aerodrome operator, air traffic service providers, airlines or aircraft operators, pilot and air traffic controllers associations and any other group with a direct involvement in runway operations at a specific aerodrome that advise the appropriate management on the potential runway safety issues and recommend mitigation strategies*

(Runway Safety Team Handbook 2nd Edition)





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Thank You