ICAO UNITING AVIATION

ICAO INITIATIVES ON RUNWAY SAFETY

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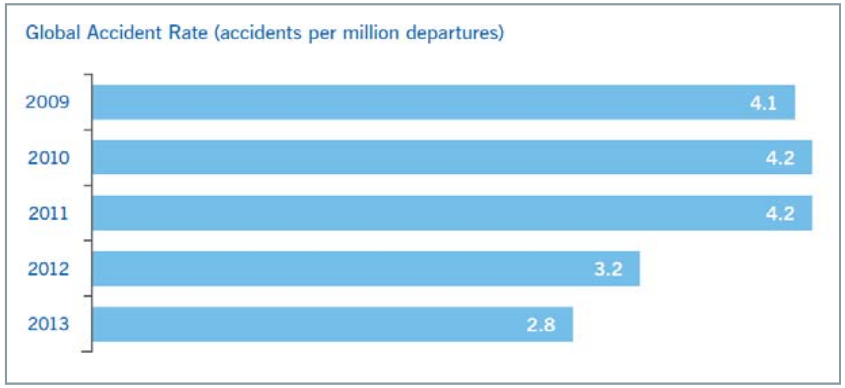
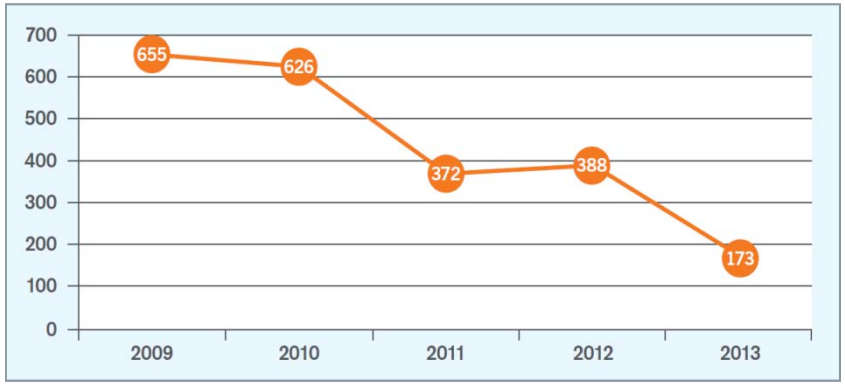
Dubai, UAE - 2 to 4 June 2014

RUNWAY SAFETY PROGRAMME (RSP)

State of Global Aviation SAFETY



GLOBAL ACCIDENT RATE CONTINUES TO *DECLINE*



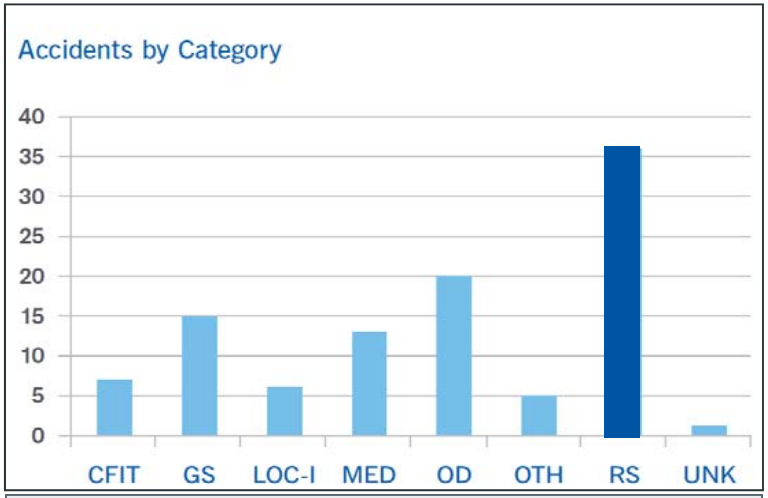
NUMBER OF FATALITIES IS *DECREASING*

RASG	Estimated Departures (in millions)	Number of accidents	Accident rate (per million departures)
AFI	0.7	9	12.9
APAC	8.6	19	2.2
EUR	7.9	21	2.7
MID	1.1	2	1.8
PA	13.8	39	2.8
WORLD	32.1	90	2.8

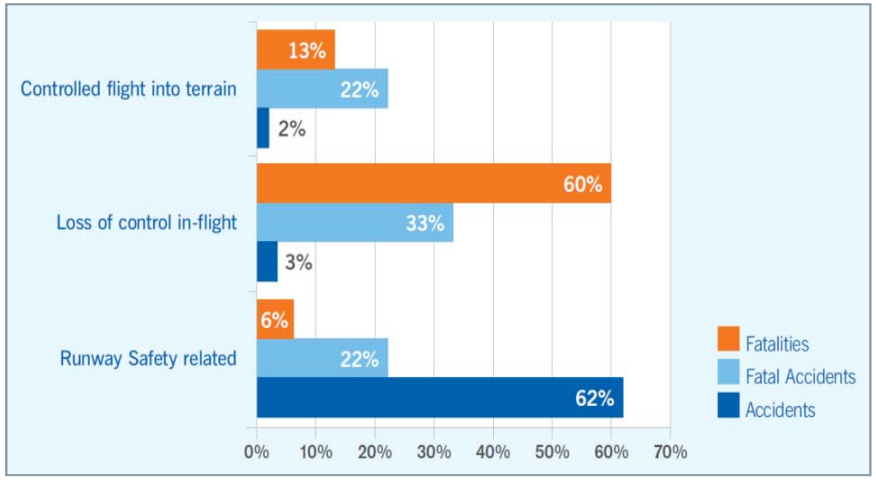
REGIONAL ACCIDENT RATES REMAIN *LOW*

** Accidents limited to scheduled commercial departures on aircraft above **5 700 kg***

Analysis of Accidents - 2013



RUNWAY SAFETY ACCIDENTS REMAIN *HIGH*



FATALITIES RELATED TO LOSS OF CONTROL-INFLIGHT IS *INCREASING*

Year	Runway related fatal accidents	Fatalities
2009	5	26
2010	1	158
2011	1	12
2012	2	14
2013	3	16

Runway Safety-related Accidents

- Runway safety-related accidents with fatalities **continue to occur**, requiring **continued effort** by the **entire global aviation community** to achieve the objective of reducing the number and severity of runway safety-related accidents and incidents
- 2013 resulted in a **relatively low number of fatalities**, despite having the **highest percentage of accidents**

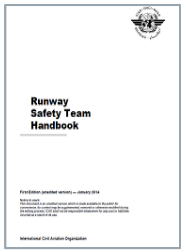
RSP ACHIEVEMENTS AND PLANS

RSP Achievements in 2013 - 2014

- Updated website – comments welcome
- 4 RRSS
  - AFI - ACI
  - CAR - IFALPA
  - EUR – IATA & EUROCONTROL
  - APAC – FSF & AAPA
- Established Runway Safety KPIs working group – IATA coordination
- 1st Edition Runway Safety Team (RST) handbook – comments welcome
- Runway Safety iKit – IATA donated USBs – comments and donors welcome
- 1st pilot Runway Safety GO Team mission – FSF support

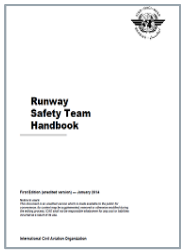
RSP Achievements and Plans - 2014

- Maintain website and iKit – ongoing (ACI to donate USBs)
- RRSS (AFI-CANSO & MID) – calendar on web
- Runway Safety GO Teams – selection criteria, schedule, methodology – comments by 15 May (ACI support)
- Runway Safety KPIs – IATA coord. WG – Workout Session 7 and 8 May 2014
- Regional Dashboards – today RS accidents, future RSTs established – April 2014
- USOAP audit protocol questions on RSTs
- RST and SMS implementation and effectiveness (KPIs) – ACI survey
- AFI Aviation Safety Summit – May 2014

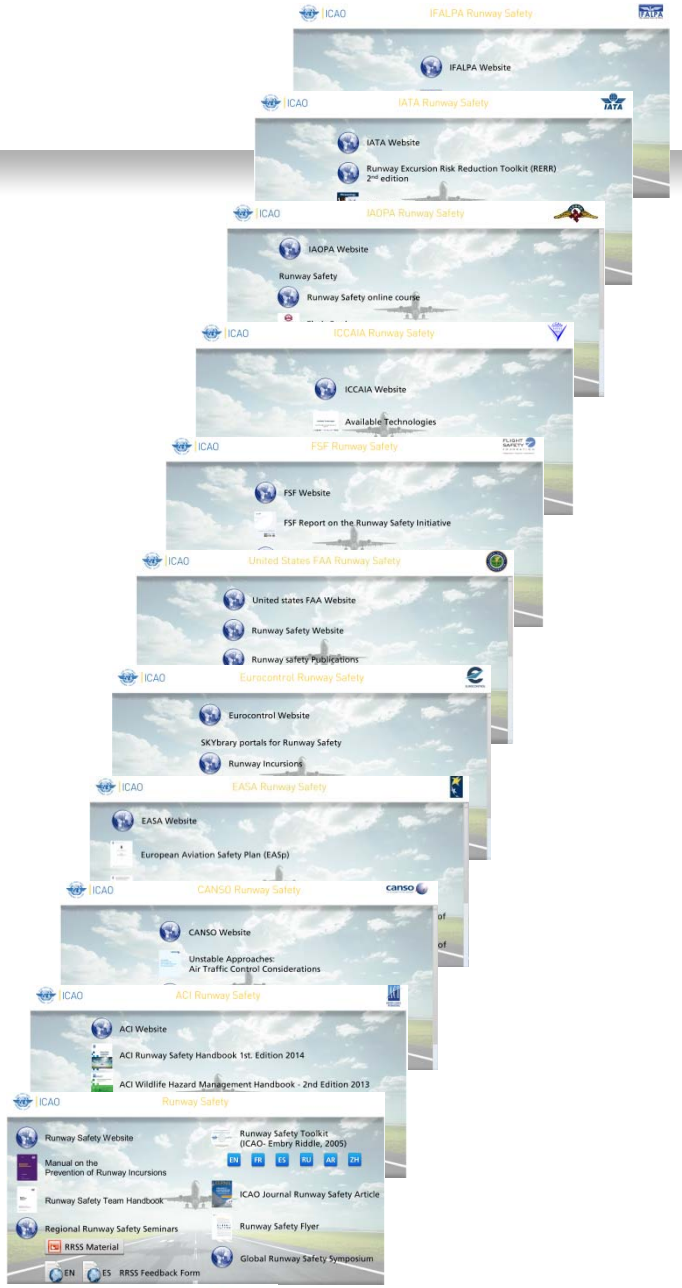


RSP Plans for 2015

- Revise RST Handbook – early 2015
- Translate RST Handbook into some languages – after revision
- High-level Safety Conference – Feb 2015
- PANS-Aerodromes 1st Edition – Nov 2015
- Annex 14, Vol. I Amendment – Nov 2016
- PANS-Aerodromes 2nd Edition (Chapter 5) – 2017/8



Runway Safety iKit



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

RUNWAY SAFETY TEAM HANDBOOK

RST Handbook

- **Purpose**
  - To describe the components of a RST
  - To serve as a reference for RST activities
  - To promote the sharing and exchange of safety information
- **The RST programme improves and support Runway Safety**
  - Integrating the safety systems of the participating organizations

RST Handbook - Contents

- Purpose
- Scope
- RST
  - Goals
  - Administrative processes
  - Organizational structure
  - Technical processes
- RST set-up checklist
- Appendices
  - Examples of organizer tool and agenda, references, etc.

Potential Barriers for RST's Success

- Human and financial resources
- Awareness and training
- Communication and collaboration between different entities
- Enforcement in absence of official regulations or standards

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THANK YOU