



ICAO SAFETY



Regional Aviation Safety Group – Pan America (RASG-PA) Update



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ICAO NACC RO



RASG-PA Mission

Improve safety and efficiency in the Pan American Region

RASG-PA Vision

Involve all the stakeholders in a coordinated effort





RASG-PA Introduction

First in the World (2008)

Multi-regional

States/Territories, Intl' Organizations & Industry

Adopted in other ICAO Regions

Aligned with GASP

Data-driven / Results Oriented



RASG-PA Membership

34 NAM/CAR/SAM States, 19 Territories and...





RASG-PA Fatality Risk Reduction Goal

Using 2010 as a baseline, is to reduce fatality risk for Part 121 or equivalent operations by 50% by the year 2020 in Latin America and the Caribbean



RASG-PA Safety Management Process





RASG-PA uses different types of safety data/information

REACTIVE: safety analysis based upon past occurrences (accidents and incidents) in the Pan American Region

PROACTIVE: includes analysis of States' existing conditions (ICAO SARPs implementation, traffic variations) and service providers (IATA Operational Safety Audits, ramp inspections)

PREDICTIVE: based upon analysis of Flight Operations Quality Assurance (FOQA) de-identified data, oriented towards identifying potential future hazards for initiating corresponding mitigation actions



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RASG-PA publishes Annual Safety Reports



Measuring results



RASG-PA develops Safety Enhancement Initiatives for:



Runway Excursion (RE)



Controlled Flight Into Terrain (CFIT)



Loss of Control-Inflight (LOC-I)



Mid-Air Collision (MAC)



...and Detailed Implementation Plans (DIPs)



RASG-PA Risk Analysis

- RASG-PA Goal: 50% fatality risk reduction (2010 – 2020)
- Fatality risk: full loss passenger load equivalent per million departures
- Baseline: 5 year average fatality risk in 2010 = 0.6
- 2020 Goal = 0.3
- Calculated risk reduction due to SEIs implemented in the period 2009-2013 = 25%
- Calculated Risk through 2014 = 0.39, actual = 0.37



Pan American Scheduled Commercial Air Transport Accidents

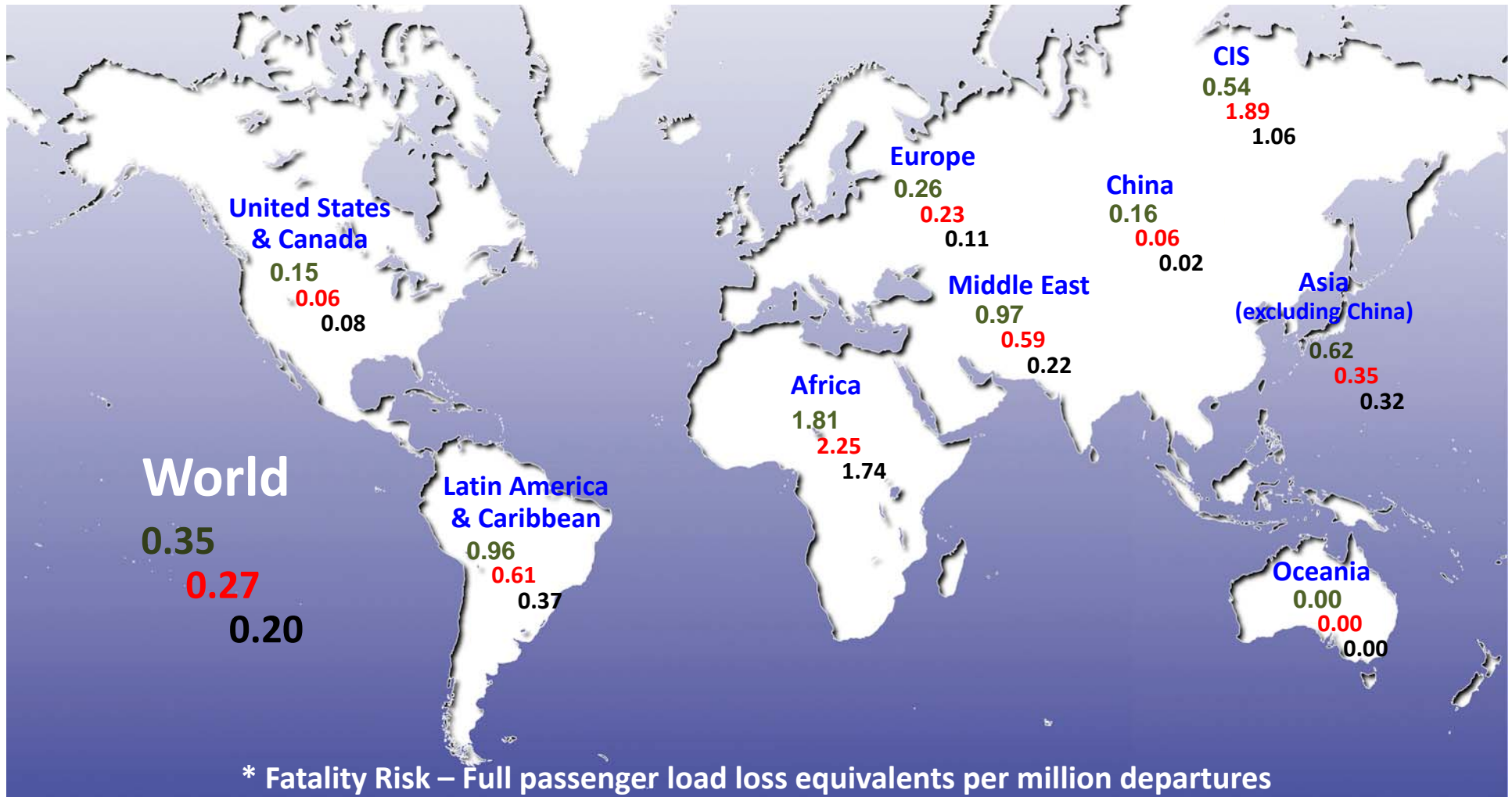
Pan American Scheduled Commercial Air Transport Accidents			
Year	Total Accidents	Fatal accidents	Total fatalities
2004-2013 avg.	39.3	3.3	81.8
2013	36	4	18
2014	35	0	0

Scheduled Commercial Air Transport Accidents – Aircraft MTOM above 5,700 kilograms
Source: RASG-PA ASR 6th Edition - preliminary

Fatality Risk* of Commercial Jet Air Travel by Region of the World (10-year rolling average)

2004
2009
2014

Western-built jet transports >60,000-pounds *onboard fatal* accidents, by *airline domicile*





RASG-PA is one of the key contributors for the Regional Safety Enhancement





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Thank you!