



| ICAO

INTERNATIONAL CIVIL AVIATION ORGANIZATION

A UN SPECIALIZED AGENCY



From Global Safety Trends to Regional Action

Introducing RASG-PA and Strengthening Risk Visibility Through Just
Culture and Voluntary Safety Reporting

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RASG-PA

Regional Aviation
Safety Team –
Pan America



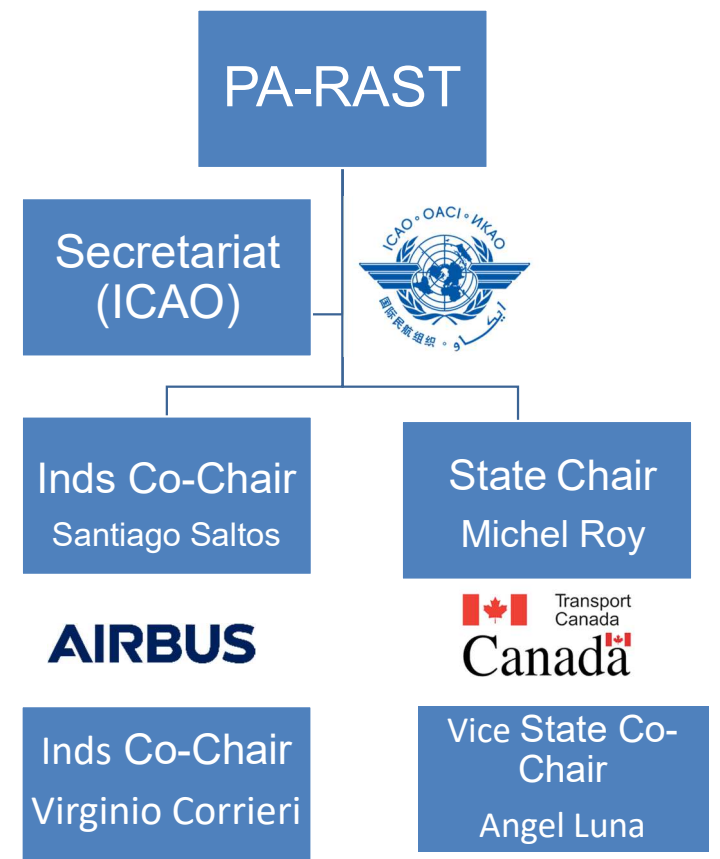
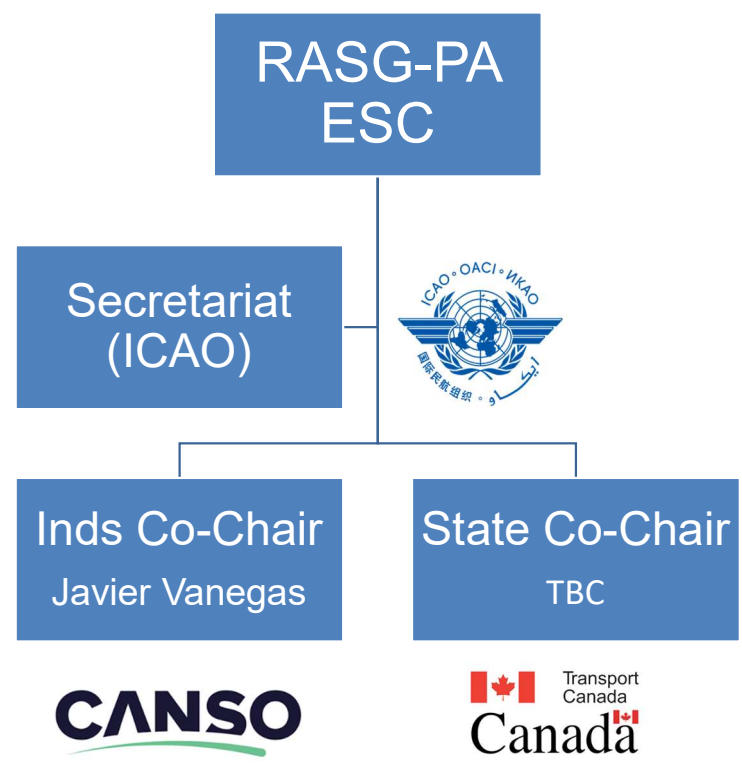
RASG-PA's History

Latin America in Safety

- Between **2000-2010**, the region had experienced tragic fatal accidents. Accident rate above world's average, and one of the world's highest rate of fatality risk
- **2008** the first RASG-PA meeting was held in Costa Rica
- **2010** PA-RAST hosted it's first meeting
- **2010** 1st Pan American Safety Summit
- **2012** ALTA and IATA partnership to establish data sharing program
- **2013** partnership with US CAST to establish data sharing



RASG-PA Leadership





RASG-PA Top Regional Risks

- TCAS
- Adverse Weather
- Bird strikes
- Runway/taxiway incursions
- Ground support operations



State of Global Aviation Safety

Global Trends

A Look at 2024
Trends

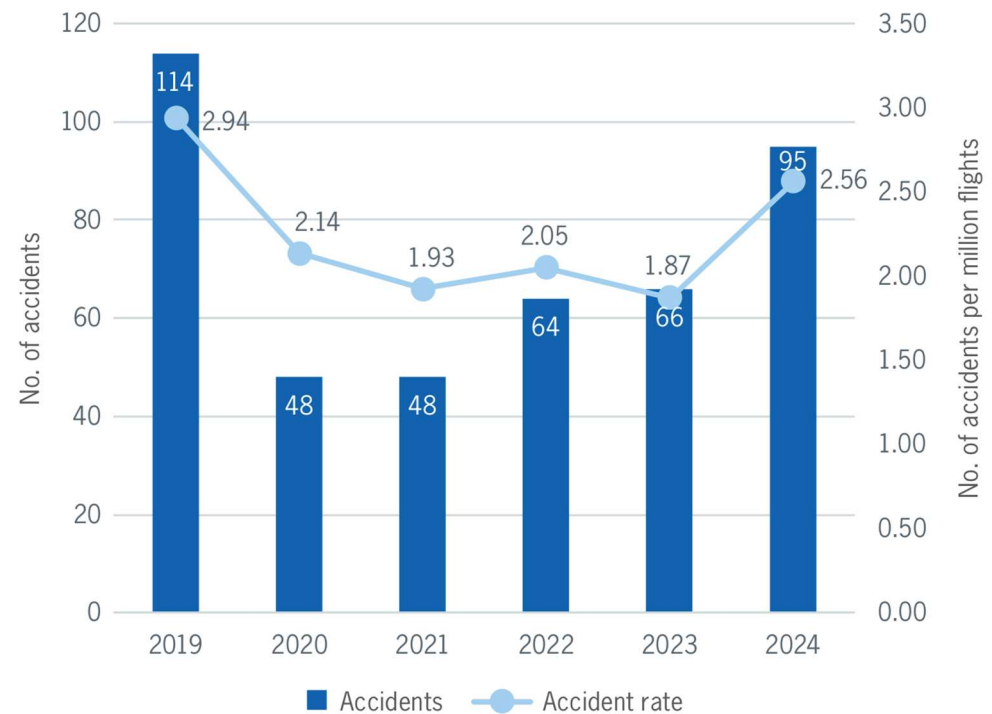


ICAO Safety Report 2025 Edition

Global Accident Rate (2019 – 2024)

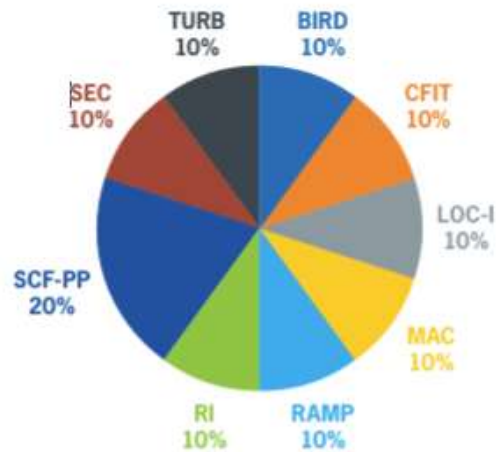
2024: A Mixed Year for Safety

- **Global:** 71 accidents (↑ from 50 in 2023)
- **Accident Rate:** 2.56 accidents per million departures
 - +36.8 % vs 2023
 - -12.8% from 2019
- **Fatal Accidents:** 10 (↑ from 1 in 2023)
- **Fatalities:** 296 (↑ from 72 in 2023)
- **Serious Injuries:** 134 (↑ from 45 in 2023)
- **Traffic:** ~4.53 billion pax / 37 million flights – **above 2019 passenger levels**

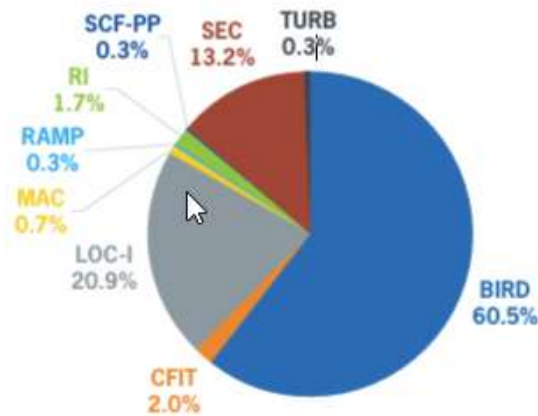


Global Risk Composition

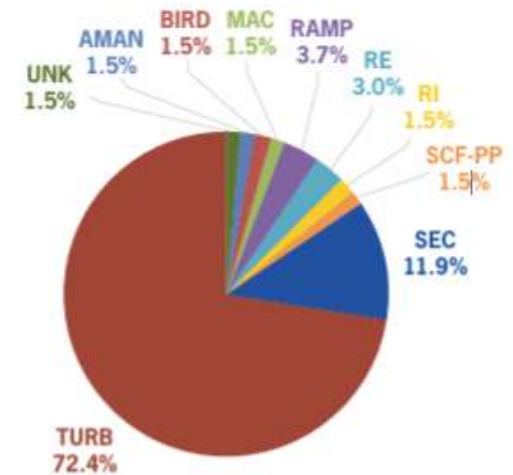
Fatal Accident and Serious Injuries Categories



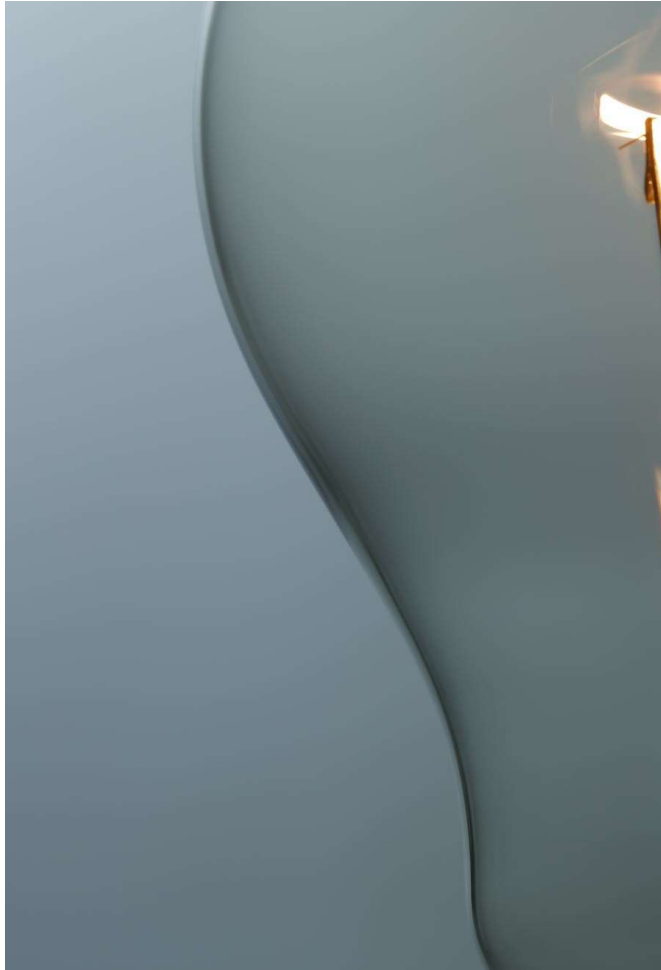
Total Fatal Accident by Occurrence Category



Total Fatalities by Occurrence Category



Total Serious Injuries by Occurrence Category



Improving Our Visibility into Risk – Before It Becomes Harm

A Just Culture approach to support Safety Intelligence



Identifying Weak Signals Earlier to Prevent Accidents Across All Categories

Strengthening Safety Intelligence Through Just Culture and Protected Voluntary Reporting

- **Serious outcomes** arise from both HRC and non HRC-domains
- Weak signals often begin as **small deviations**
- **Just Culture** creates the conditions
- Protected voluntary reporting provides the **context and nuance**
- **Legal and confidentiality** safeguards are essential
- Voluntary reporting becomes the system's **early-warning layer**



Non-Punitive Safety Reporting and Safety Intelligence

Regional
Implications for
RASG-PA



A Critical Gap in Pan America

Just Culture Based Voluntary Safety Reporting Program has Room to Grow

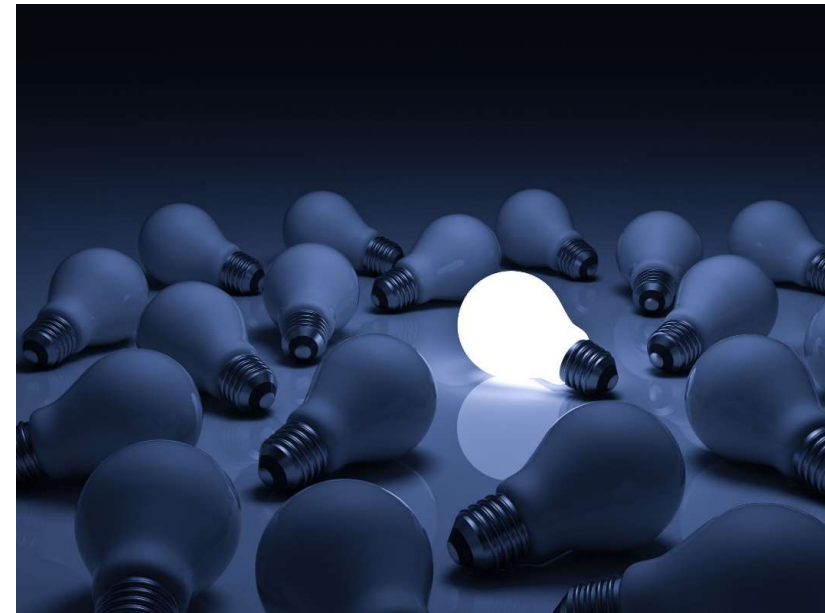
- Misunderstanding contribute to **limited adoption**
- **Grupo Aeromexico Safety Action Program (GAMSAP)**
- Potential **gaps** in regional safety intelligence
- **Expansion** of non-punitive voluntary reporting program is necessary



Pan America – An Opportunity

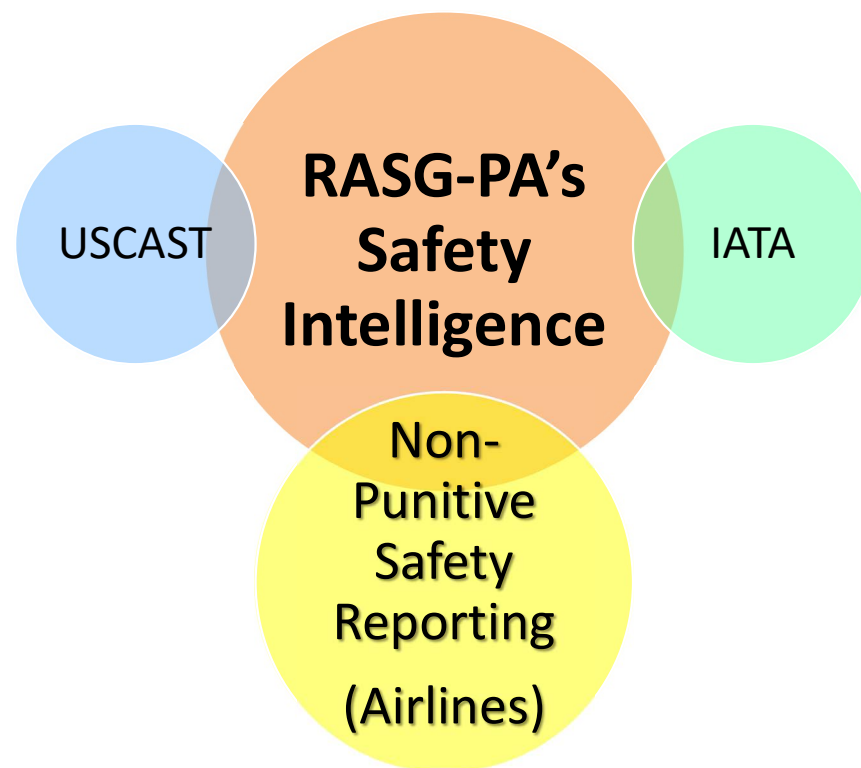
How Non-Punitive Safety Reporting Can Help RASG-PA's Risk Mitigation Efforts

- Increase the **region's visibility** into precursors
- Improve **risk detection**
- Collaborative efforts **founded in Just Culture**



RASG-PA's Just Culture Voluntary Safety Reporting Strategy

Expanding The Regional's Safety Intelligence Capabilities



RASG-PA's Non-Punitive Safety Reporting Strategy

Supporting Pan American States and industry in developing effective voluntary reporting frameworks

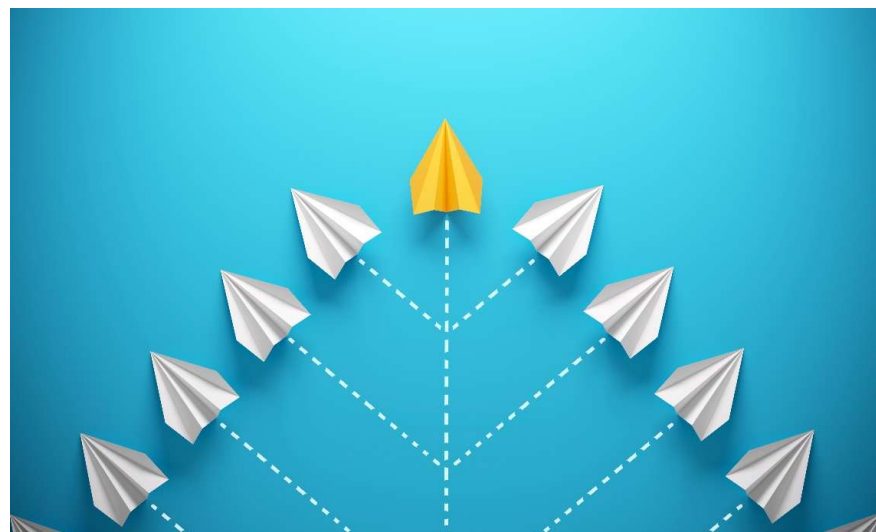
- Establish the **RASG-PA Aviation Safety Action Program** Working Group (RAWG)
- Develop a **Regional Implementation Guidance**
- Conduct a **Targeted ASAP Pilot** within RASG-PA



RASG-PA's Non-Punitive Safety Reporting Strategy

Supporting Pan American States and industry in developing effective voluntary reporting frameworks

- Develop a **RASG-PA Safety Advisory (RSA)**
- **Refine** the Implementation Guidance Based on Pilot Results
- **Promote** Voluntary Reporting and Just Culture Across RASG-PA



RASG-PA's ASAP Pilot Project

Validating the Approach Before Wider Regional Adoption

- **Demonstrate** how voluntary, confidential reporting works in practice within RASG-PA.
- **Validate** legal, operational, and cultural feasibility before wider adoption.
- **Identify** what protections, processes, and training are necessary for trust and participation in the region.
- **Generate** early lessons and trend insights to inform regional Implementation Guidance and a future Safety Advisory.
- **Build a foundation** of experience that can be scaled across the region.



RASG-PA's ASAP Pilot Project – Overarching Goals

Linking frontline insights to operator, State and regional risk reduction strategies

Operator Level: Improving day-to-day visibility

State (CAA) Level: Supporting proactive oversight

Regional Level (RASG-PA): Enhancing collective learning in the Pan-American region

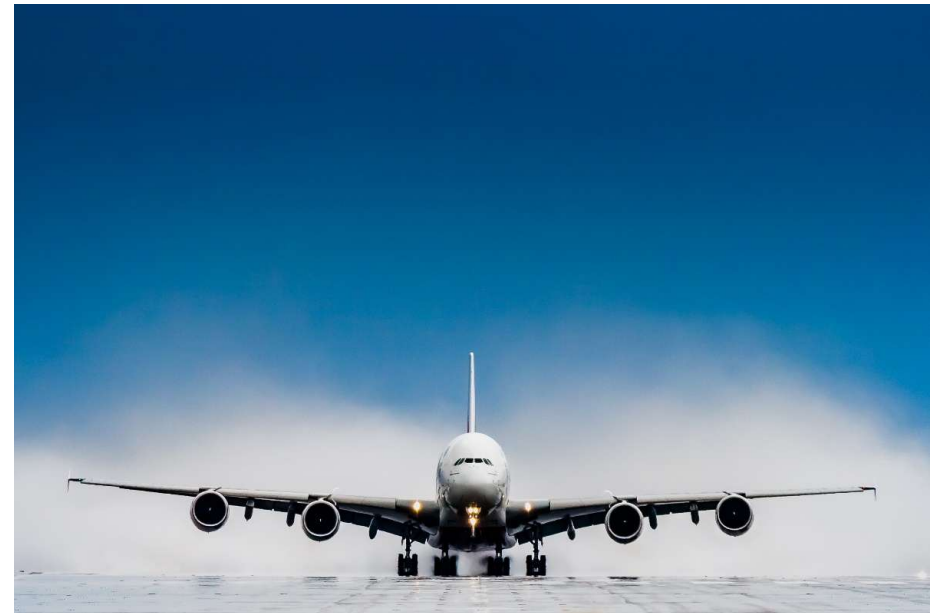


RASG-PA's ASAP Pilot Project - Status

Inching Towards a Just Culture in Pan America

- **Colombia** has agreed to become a candidate
- **Brazil** is considering becoming a candidate

Regional momentum is
building





Thank You!