



ICAO

SAFETY

NO COUNTRY LEFT BEHIND



ICAO STATE OF GLOBAL AVIATION SAFETY REPORT: RASG-PA

Presented to: PA-RAST/69

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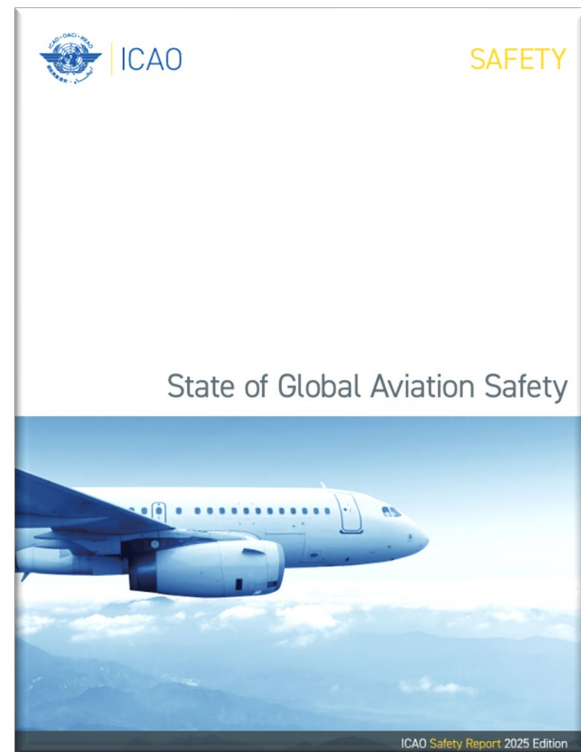




ICAO 2025 Safety Report (RASG-PA Focus)

The *ICAO 2025 Safety Report* highlights a sharp increase in global accidents in 2024 with 95 accidents and 10 fatal accidents

- **RASG-PA**
 - **NACC:** Highest regional accident count (37)
 - 1 fatal CFIT accident in Canada
 - **SAM:** 6 accidents, including one fatal LOC-I accident in Brazil





Deep Dive: RASG-PA

Table 2. | Departures, accidents and fatalities by ICAO Region based on State of Occurrence in 2024

ICAO Region	Estimated departures (million)	Number of accidents	Accident rate (per million departures)	Fatal accidents	Fatalities	Serious injuries
APAC	12.37	23	1.86	3	185	78
ESAF	0.78	3	3.85	1	2	1
EUR/NAT	9.23	22	2.38	3	40	23
MID	1.40	2	1.43	1	1	1
NACC	11.10	37	3.33	1	6	24
SAM	1.95	6	3.08	1	62	6
WACAF	0.26	2	7.62	0	0	1
World	37.09	95	2.56	10	296	134

RASG-PA (NACC + SAM): Accident rate per million departures: 3.30 | 2 Fatal Accidents | 68 Fatalities | 30 Serious Injuries

Chart 18 shows the percentage of accidents and related fatalities for each ICAO Region based on the State of Occurrence for scheduled commercial operations in 2024.

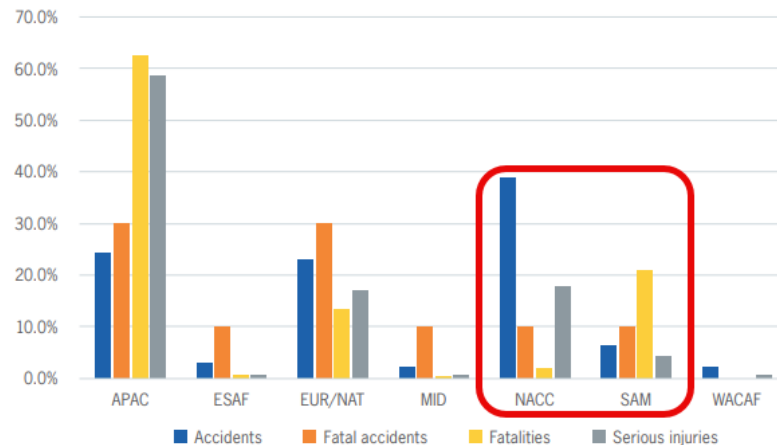
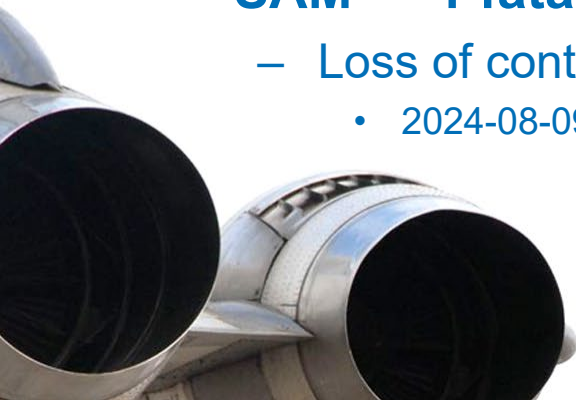


Chart 18. | Accident overview by ICAO Region in 2024



Deep Dive: Fatal Accidents

- **NACC — 1 fatal accident with 6 fatalities**
 - Controlled flight into terrain (CFIT)
 - 2024-01-23, Canada (CFIT; F-POST), 6 fatalities.
- **SAM — 1 fatal accident with 62 fatalities**
 - Loss of control-in-flight (LOC-I)
 - 2024-08-09, Brazil (LOC-I; ICE; SCF-NP), 62 fatalities.





Non-Fatal Accident Breakdown

Category	NACC (36 accidents)	SAM (5 accidents)
Abnormal Runway Contact (ARC)	12 – US, Mexico, Cuba, Jamaica	1 – Chile
Turbulence (TURB)	3 – US, Mexico	4 – Brazil, Colombia, Peru, Argentina
Ground Handling (RAMP)	5 – US, Bahamas, Mexico	–
Ground Collision (GCOL)	5 – US, Canada, Mexico	–
Bird Strike (BIRD)	3 – US, Dominican Republic	–
System/Component Failure (SCF-NP)	2 – US, Mexico	–
Runway Incursion (RI)	1 – US	–
Loss of Control on Ground (LOC-G)	1 – US	–
Abrupt Maneuver (AMAN)	1 – US	–
Fire/Smoke (Non-Impact, F-NI)	1 – US	–
Runway Excursion (RE)	1 – Mexico	–
Undershoot/Overshoot (USOS)	1 - US	–



RASG-PA vs World: 2024

Metric	World (Count)	RASG-PA (Count)	Share of World	World (Rate)	RASG-PA (Rate)	RASG-PA vs World
Accidents	95	43	45%	2.56	3.30	+29% higher
Fatal accidents	10	2	20%	0.27	0.15	~44% lower
Fatalities	296	68	23%	7.98	5.21	~35% lower



Important to Note: Global Trend

- The number of accidents for commercial flights exhibit an **upward trend since 2021**.
- The number has been **steadily rising each year since 2021**. After a dip in the number of accidents from 2020 to 2021 – totaling 48 for each year – the number of accidents then increased to 64 in 2022, 66 in 2023, and 95 in 2024.



Closing Takeaways

- **High share of global accidents:** Nearly half of all 2024 accidents worldwide occurred in RASG-PA, underscoring persistent exposure to operational risks.
- **Few but severe fatal events:** Only two fatal accidents in the region, but one **LOC-I** in SAM drove the majority of RASG-PA fatalities.
- **Accident profile differs from world:** While global fatal accidents were dominated by LOC-I and BIRD, RASG-PA's accident counts were largely **ARC**, **RAMP**, **GCOL**, and **TURB** events.
- **Rates show mixed results:** Overall accident rate is higher than global, but fatal accident and fatality rates are lower than global, reflecting progress in containing catastrophic outcomes.
- **Regional focus needed:** Continued emphasis on runway safety, turbulence management, and ground operations is essential, while maintaining vigilance on **CFIT** and **LOC-I** as fatality drivers.