

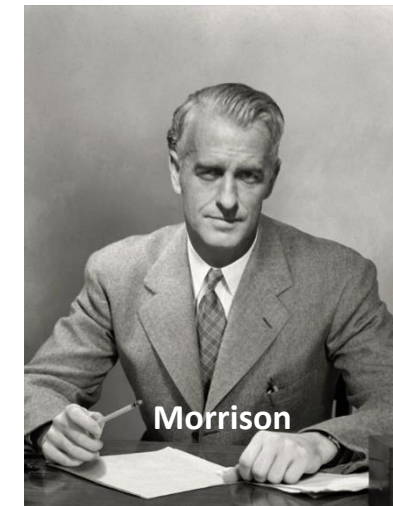
Day 2 – Annual Safety Reports 2023

Flight Safety Foundation accident and Incident Data

Henry Gourджи, CD, MSC
Director, Safety Strategy and Policy

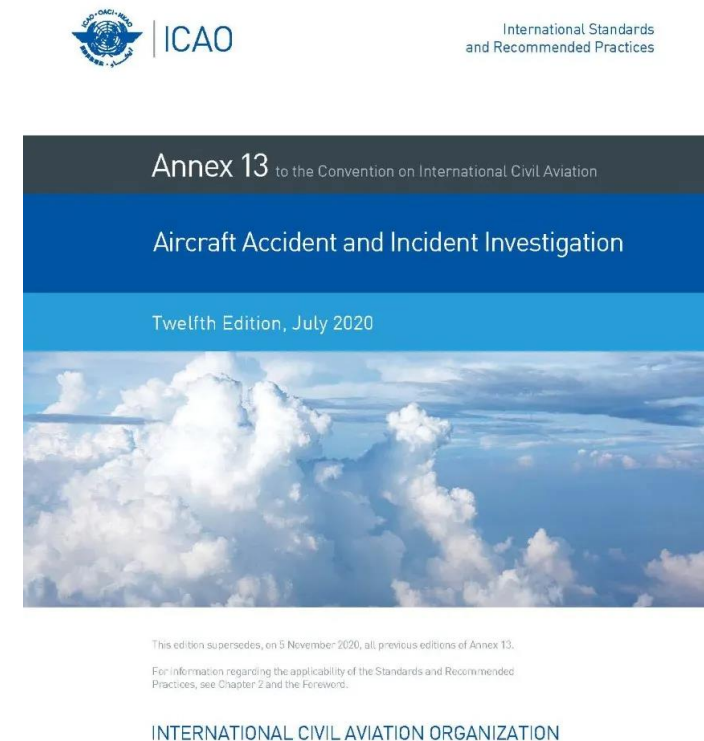
Foundation Overview

- Flight Safety Foundation is an independent, impartial and international **not-for-profit** organization
- Founded in 1945 by aviation pioneers that included Jerry Lederer, Gloria Heath, Richard Crane and David Morrison
- FSF applies **safety analysis, safety information and** expertise to advance global aviation safety



The Aviation Safety Network Database

- Accidents and Serious incidents
- 367,000+ occurrences
- worldwide
- Categories
 - Airplane (fixed wing), helicopter
 - Airship
 - Balloon
 - Glider, gyroplane, ultralight
 - UAS, RPAS



The Aviation Safety Network Database

1. Accident Investigation Boards, CAA's, ICAO ADREP (CR1 +2)
2. Aviation industry & media reports (CR3)
3. Social media (CR4)

- 75% of all occurrences since 2000 have CR1 or CR2
- 126,000+ downloadable accident reports

- * *CR = Confidence Rating*



Global Accident Dashboard+ 2017-2024

1890

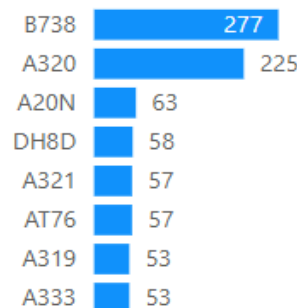
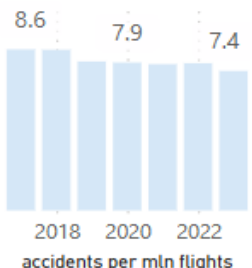
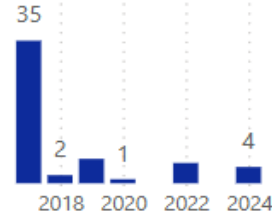
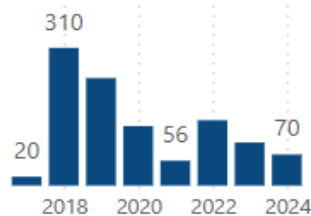
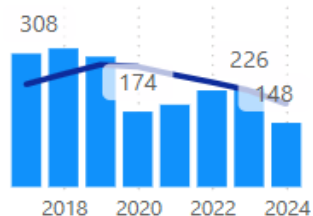
accidents

1076

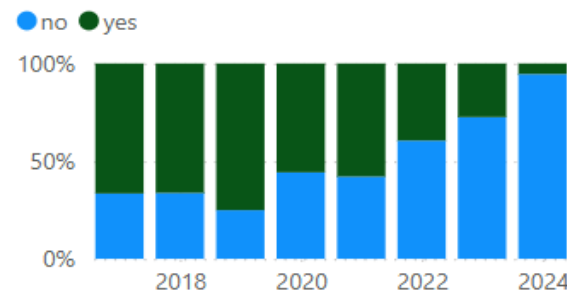
fatalities

53

ground fatalities



final report publicly released?



ICAO occurrence category

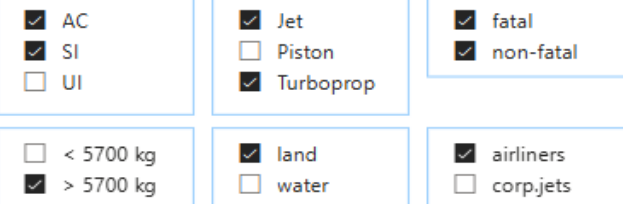


ASN category

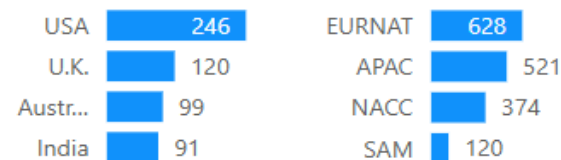
fatal non-fatal



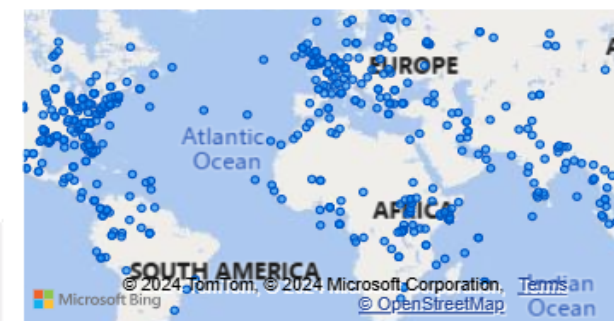
url	date	type	country	fatalities	grd fatal	cat	ICAO_category
September-10-24	September-10-24	Bombardier CRJ900	USA	0	0	AC	GCOL
September-10-24	September-10-24	Airbus A350-900	USA	0	0	AC	GCOL
September-09-24	September-09-24	ATR 42-500	Indonesia	0	0	AC	RE
September-04-24	September-04-24	Boeing 787-9 Dreamliner	South Korea	0	0	AC	TURB
September-02-24	September-02-24	Airbus A350-1000	Hong Kong	0	0	SI	SCF-PP
August-28-24	August-28-24	Boeing 737-900	USA	0	0	AC	TURB
August-27-24	August-27-24	Boeing 767-300	Italy	0	0	AC	ARC
Total				1076	53		



country of occurrence



ICAO region



Global Accident Dashboard+ 2017-2024

226

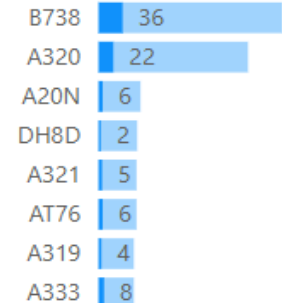
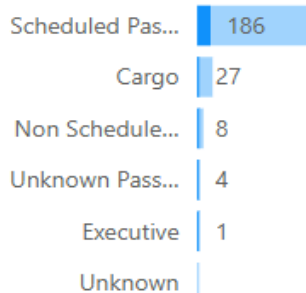
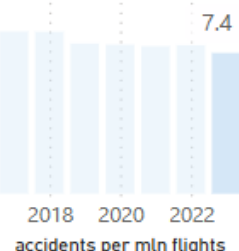
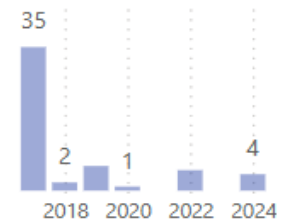
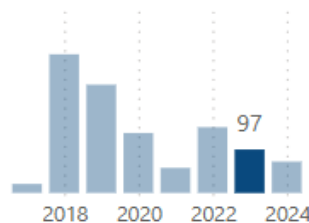
accidents

97

fatalities

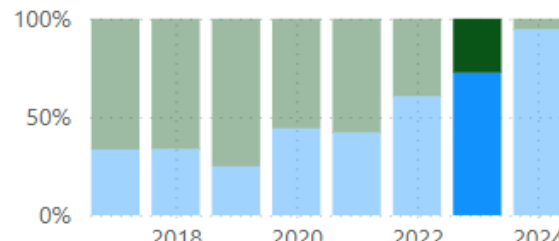
0

ground fatalities



final report publicly released?

no yes

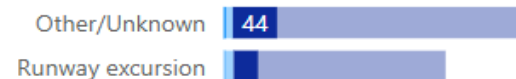


ICAO occurrence category

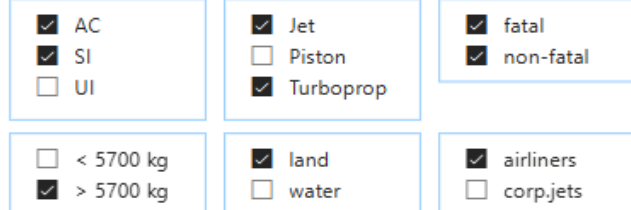


ASN category

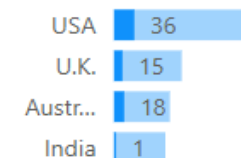
fatal non-fatal



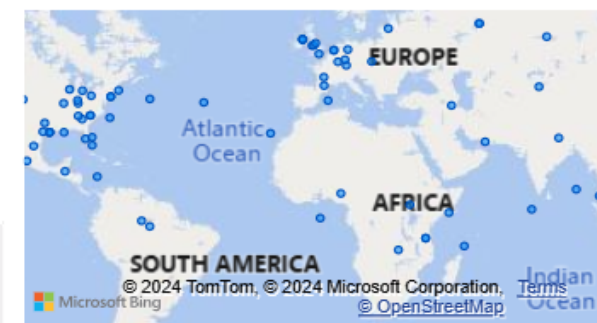
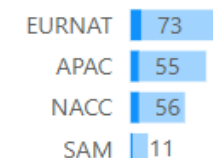
url	date	type	country	fatalities	grd fatal	cat	ICAO_category
December-30-23	December-30-23	ATR 72-600	U.K.	0	0	SI	ARC
December-23-23	December-23-23	Boeing 737-800	Russia	0	0	SI	LOC-I
December-23-23	December-23-23	Boeing 777-300	Egypt	0	0	SI	SCF-PP
December-21-23	December-21-23	Boeing 737-800	Denmark	0	0	SI	FUEL
December-19-23	December-19-23	Boeing 737-800	USA	0	0	AC	BIRD
December-19-23	December-19-23	Boeing 737-400	Netherlands	0	0	SI	UNK
December-16-23	December-16-23	British Aerospace Jetstream 32	Colombia	0	0	SI	RE
Total				97	0		

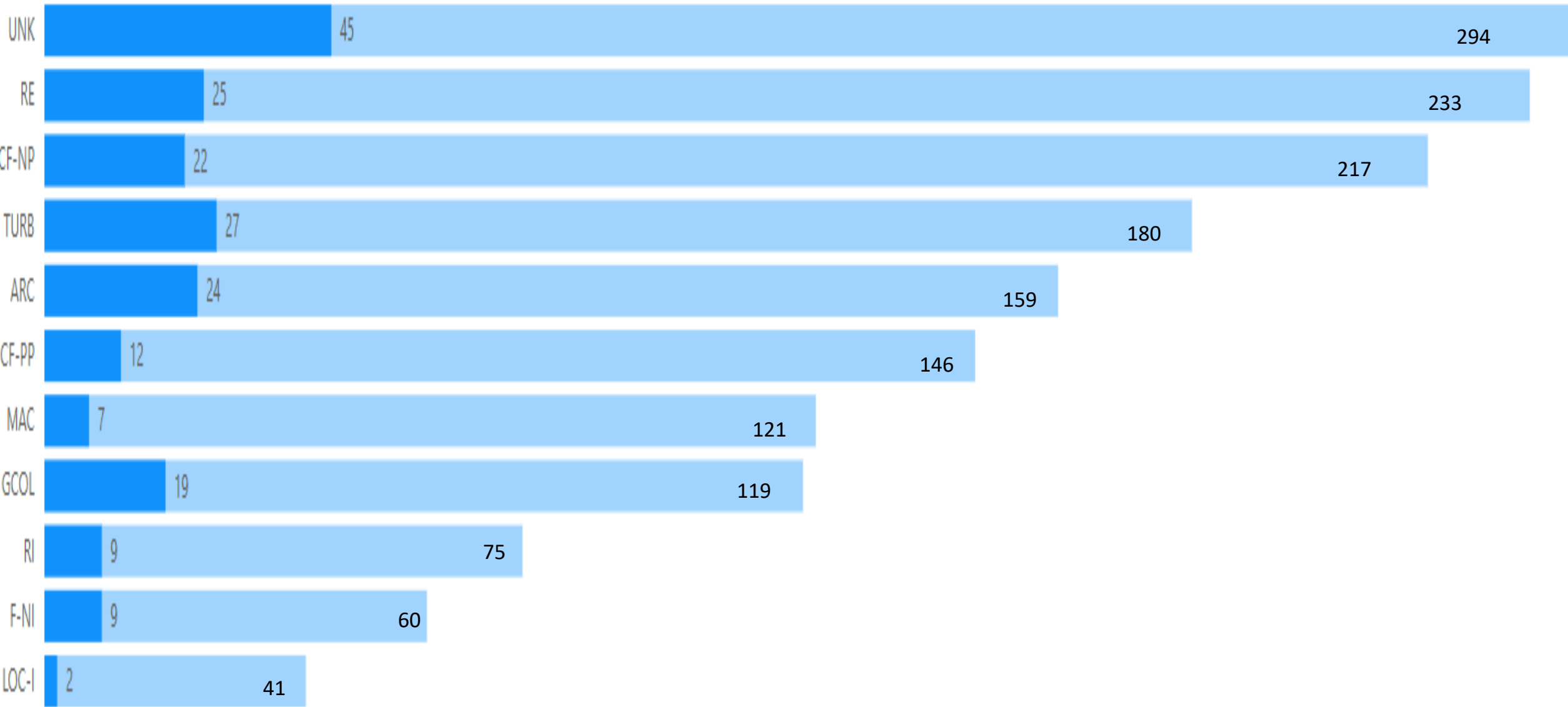


country of occurrence



ICAO region



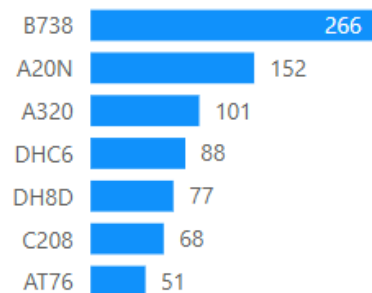


Global Accident Dashboard+ 2017-2024

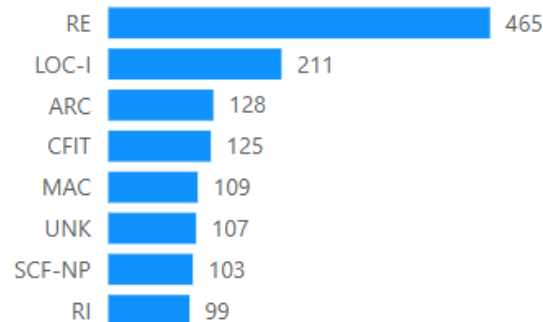
Safety recommendations

1737
recommendations

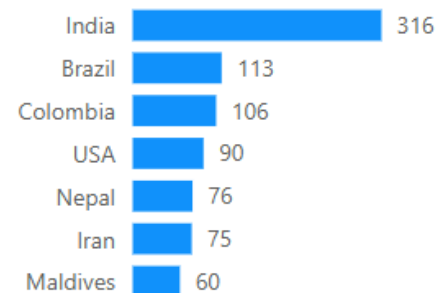
aircraft model (ICAO)



ICAO occurrence category



country of occurrence



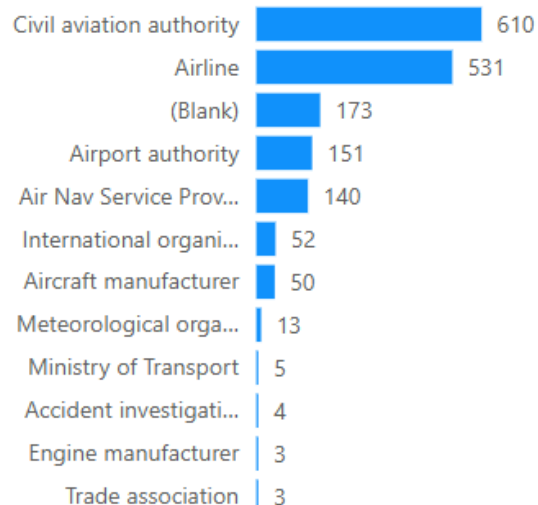
☒ Jet
☒ Piston
☒ Turboprop

☒ fatal
☒ non-fatal

☒ AC
☒ SI
☒ UI

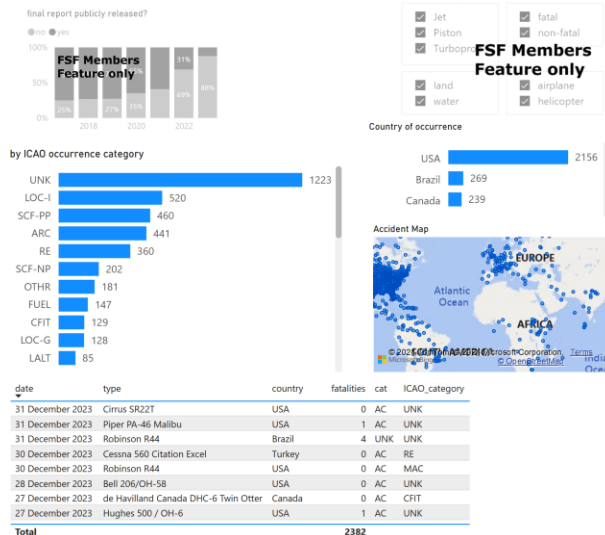
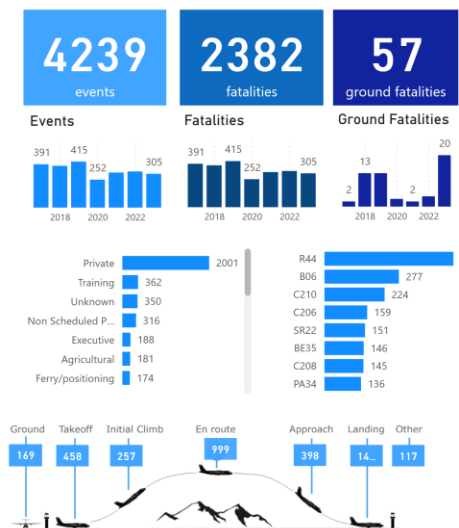
☒ 2017
☒ 2018
☒ 2019
☒ 2020
☒ 2021
☒ 2022
☒ 2023
☐ 2024

recommendation issued to

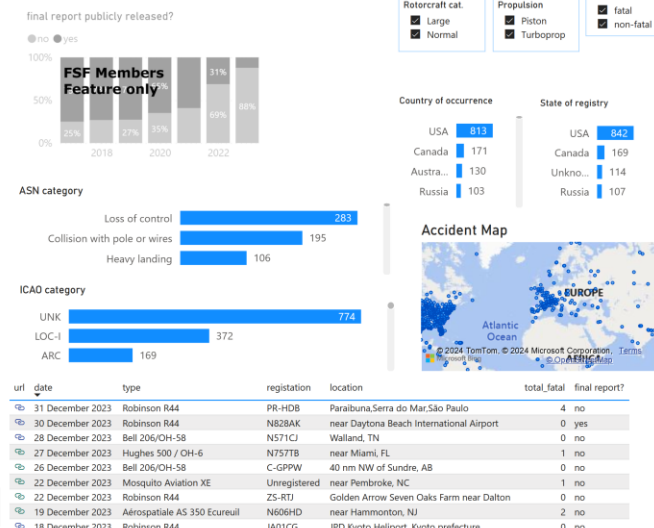
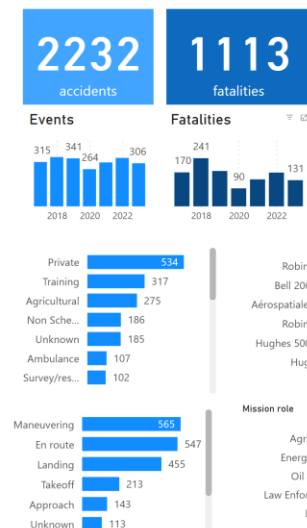


accident date	type	fatal.	Agency	IssuedTo	Recommendation
June-21-18	Airbus A220-300	0	TAIIB	Air Baltic	To develop and implement in the Air Baltic Operational documentation procedures about cooperation evidence in case of occurred serious incident or accident.
June-21-18	Airbus A220-300	0	TAIIB	Air Baltic	To develop and implement in the Operational documentation procedures for immediate notifying
July-15-18	Airbus A220-300	0	STSB	Transport Canada	Together with the manufacturer, National Aircraft Certification at Transport Canada (TC) should ensure t
March-08-23	Airbus A220-300	0	TAIIB	Airbus Canada	Find a solution and take measures in addition to the mitigation actions already taken, as well as finalise the anti-skid function on contaminated runway in order to avoid disabling of the anti-skid protection, v skidding of the aircraft on a contaminated surface.
March-08-23	Airbus A220-300	0	TAIIB	Riga International airport operator	Consider a possibility to use an additional method (e.g. mechanical equipment, runway surface measur assessing the runway condition, especially in adverse weather conditions.
March-08-23	Airbus A220-300	0	TAIIB	Riga International airport operator	Review the training program provided to the responsible employees for the runway surface assessment conditions and emergency situations.
February-28-20	Airbus A300B2/B4/C4	0	GCAA	Airbus	Identify aircraft fitted with suspected filter heads, to take appropriate action for the prevention of future
February-28-20	Airbus A300B2/B4/C4	0	GCAA	Sharjah Airport	Rectify the lighting conditions at cargo bay 57 to comply with Civil Aviation Regulation CAR Part IX, Ap
February-28-20	Airbus A300B2/B4/C4	0	GCAA	Sigma Airlines	Assess the newly introduced aircraft system training for flight crew to ensure that they enhance their sy situations.
July-19-17	Airbus A319	0	CENIPA	ANAC	Atuar junto à Oceanair Linhas Aéreas (Avianca), a fim de que a empresa defina claramente uma Diretriz

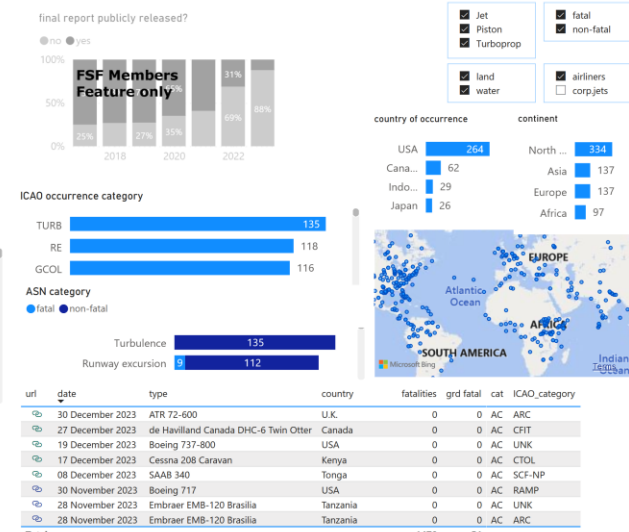
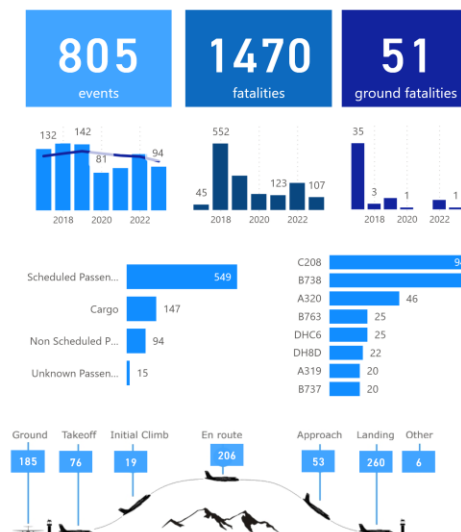
Business Aviation Global Accident Dashboard 2017-2023



Global Helicopter Accident Dashboard 2017-2023



Global Accident Dashboard 2017-2023



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Incursions (GAPRI)

COVID-19 Crisis Resources

Fatigue Management

Flight Path Monitoring

Global Action Plan for the
Prevention of Runway
Excursions (GAPRE)

Go-Around Project

Global Safety Assessment
Project

Learning From All
Operations

Past Safety Initiatives

Pilot Training and
Competency

Special Reports

ASN Accident Dashboards

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FSF, CAAS Partner With CAAC to Hold AP-SAS
2024 in Beijing



Thank you!

Henry Gourdji, CD, MSC
Director, Safety Strategy and Policy