



ICAO

UNITING AVIATION

**AIIG/2**  
**Jeddah, Saudi Arabia**  
**13-15 Sep 2022**

**MID Region Safety Priorities**

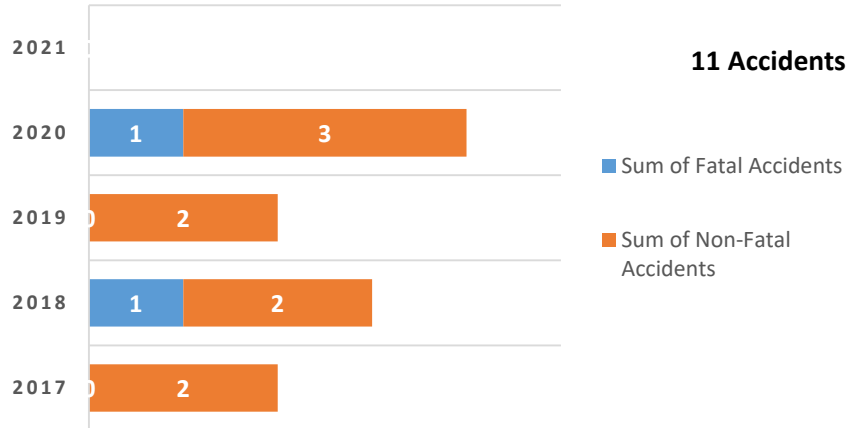
**Mohamed Chakib**

Regional Officer, Safety Implementation  
ICAO MID Office

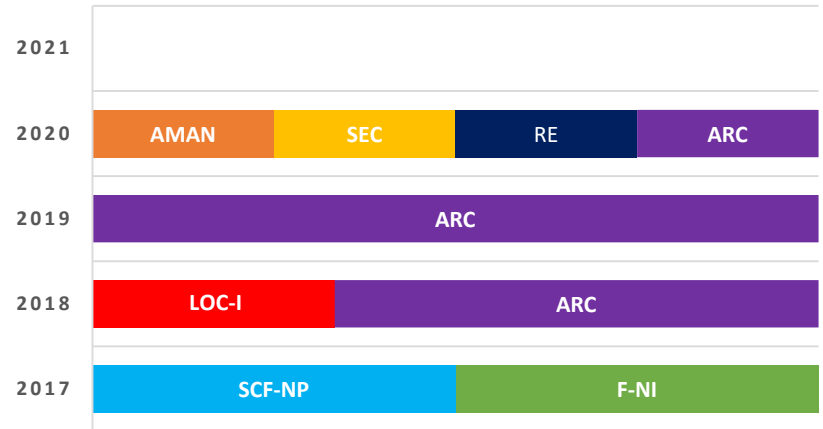


# State of Occurrence-Accidents Schedule commercial above 5700 kg

Number of Fatal Accidents Vs Accidents



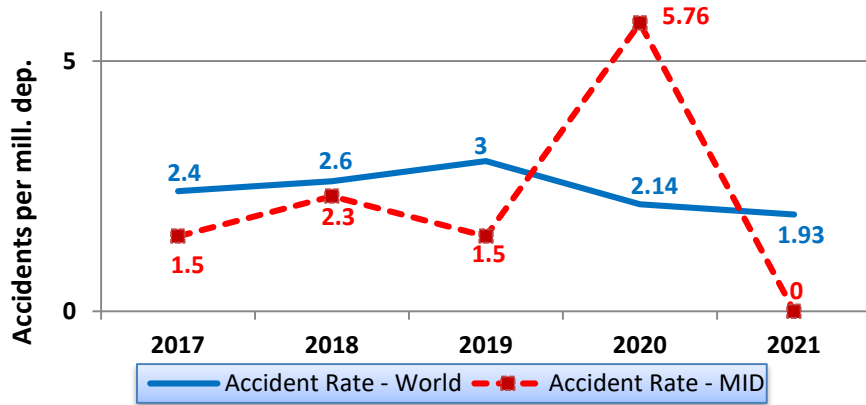
Distribution of Occurrence Category





# Accident Rate

Accident Rate  
Scheduled Commercial above 5700 kg

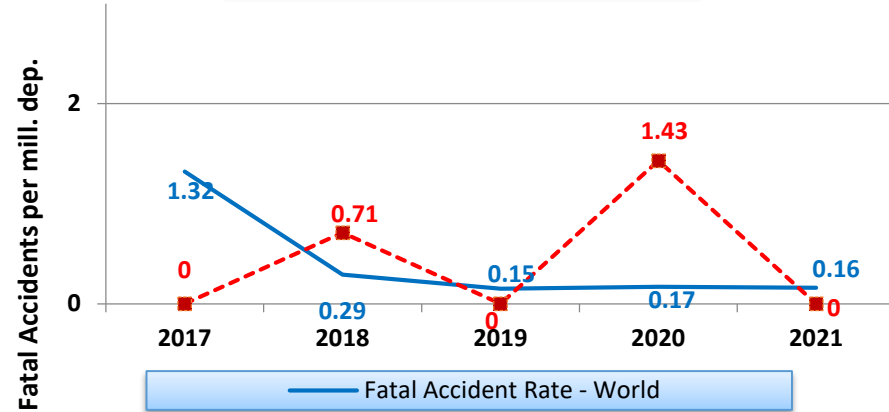


Average 2017-2021

Average MID  
2.21

Average Global  
2.41

Fatal Accident Rate  
Scheduled Commercial above 5700 kg



Average 2017-2021

Average MID  
0.42

Average Global  
0.41



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UNITING AVIATION

# MID Region Safety Priorities



Operational safety risks

Organizational issues

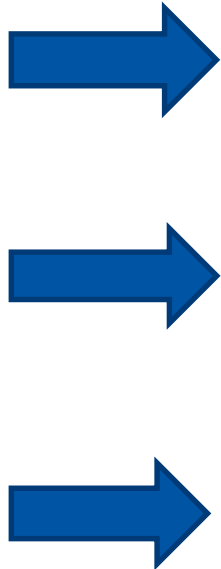
Emerging safety risks



# Prioritizing State Safety Risks

## Root causes

- Human Factors
- Competence of personnel
- SSP/SMS implementation
- States' Safety Oversight capabilities
- Commercial Pressure
- New Business models
- Impact of security on safety
- Impact of socio-economic factors on safety



## Safety issues

- Low Airspeed
- TCASRA
- EGPWS warning
- RI by A/C
- Unstable Approach

## Potential High Risk Accidents

- Loss of Control In-flight
- Mid Air Collision
- Controlled Flight into Terrain
- Collision on Runway
- Runway Excursion



## 1 States' Safety Oversight capabilities

Effective implementation in certification, surveillance, and resolution of Safety concerns need to be improved

## 2 Safety Management

Implementation of SSP is one of the main challenges faced by the State in the MID Region

## 3 Human Factors and Competence of Personnel

CRM has been identified as most important human factors issue in the domain of commercial air transport

## 4 Cybersecurity

Manage the cybersecurity risks



# Regional Operational Safety Risks



Loss of Control In-flight



Runway Excursion/ARC



Controlled Flight into Terrain



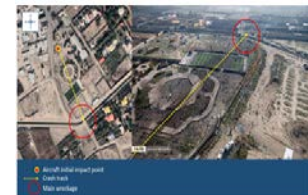
Mid Air Collision



Runway Incursion



- 1 COVID-19 Pandemic outbreak
- 2 GNSS/GPS Vulnerability
- 3 Ensure Safe ops of UAS
- 4 Impact of security on safety





## MID Region Safety Priorities

### 11<sup>th</sup> MID Annual Safety Report Draft

Regional  
Operational  
Safety Risks

LOC-I, RE/ARC, MAC, CFIT, and RI

Organizational  
Challenges/  
Issues

- States' Safety Oversight capabilities
- Safety Management
- Human Factors & competence of personnel
- Cybersecurity

Emerging Risks

- COVID-19 Pandemic outbreak
- GNSS/GPS Vulnerability
- Ensure Safe ops of UAS (Drones)
- Impact of security on safety



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SAFETY

### MID Region Annual Safety Report



