



ICAO



MENA-ARCM



السلطنة
سلطنة عمان
Ministry of Transport, Communications and
Infrastructure Development

Fifth Meeting of Middle East & North Africa Aircraft Accident and Incident Investigation Regional Cooperation Mechanism (MENA ARCM/5) Committee

الإجتماع الخامس للجنة آلية التنسيق الإقليمية في حوادث
ووقائع الطائرات لدول الشرق الأوسط وشمال أفريقيا

7th May 2024
09:00 - 15:30
Venue: Kempinski Hotel Muscat
Sultanate of Oman

MENA ARCM/5 Meeting

7th May 2024

Muscat, Oman

RASG-MID/11 Outcomes

Mohamed Chakib, MSc

*Regional Officer, Safety Implementation
ICAO MID Office*





**RASG-MID/11 & MIDANPIRG/21, Abu Dhabi - UAE
4-8 March 2024**

History of the Meeting

**MIDANPIRG/21 & RASG-
MID/11**

Abu Dhabi, UAE

4 to 8 March 2024

196 participants attended

15 MID States

(Bahrain, Egypt, Iran, Iraq, Jordan, Kuwait, Lebanon, Libya, Oman, Qatar, Saudi Arabia, Sudan, Syria, UAE and USA) and 1 State from outside the Region (USA)

7 International Organizations/Industries

(ACAO, BOEING, CANSO, ENAV, IATA, IFALPA and MIDRMA)

**Place &
Duration**



Attendance



Agenda



- 1 Adoption of the Provisional Agenda (*Plenary*)
- 2 Global and Regional Developments (*Plenary*)
- 3 Coordination between MIDANPIRG and RASG-MID (*Plenary*)
- 4 RASG-MID Work Programme (*RASG-MID/11*)
- 5 MIDANPIRG Work Programme (*MIDANPIRG/21*)
- 6 Dates and Venue of MIDANPIRG/21 & RASG-MID/11 (*Plenary*)
- 7 Any other business (*Plenary*)



RASG-MID/11 Activities and Achievements

Key Activities and Achievements

- MID Region USOAP overall Effective Implementation (EI) has been increased from 74.07 to 76, 4 % (as of 3 April 2024).
- Congratulate Oman for the successful result achieved following the conduct of ICAO ICVM; which resulted increased EI to 90.8%, as well as USOAP audit in AIG area, resulted in remarkable increase of EI. from 48% to 96.3%.
- MID Region has shown stable progress and growth during the years 2022 and 2023, which is a positive
- Official establishment of MENA RSOO and 8 States signed the MOE
- Excellent progress on MENA ARCM activities including the conduct of symposium and workshops.
- Egyptian AIG Directorate signed MENA ARCM MoU and joined the MENA ARCM (so far 15 States)
- CAPSCA Programme Activities provided.





RASG-MID/11 Activities and Achievements

The twelfth Edition of the MID Regional Aviation Safety Report (MID-ASR) including MID Region safety priorities and performance monitoring endorsed by RASG-MID/11

Progress on the implementation of SEIs/ Safety actions MID-RASP 2023-2025 Edition, endorsed by RASG-MID/11

Carriage and transport of lithium batteries guidance material endorsed by RASG-MID/11

Risks related to altimeter setting errors during APV BARO-VNAV and non-precision approach operations GM endorsed by RASG/PIRG

MID Region Safety Priorities

Regional Operational Safety Risks

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

- States' Safety Oversight capabilities
- Safety Management
- Human Factors & Human Performance
- Competence of personnel
- Risk interdependencies

Cybersecurity risks
GNSS Interference Risks
5G interference with Radio Altimeter
aviation health safety (AHS) risks
Risks arising from conflict zones, and
Security risks with an impact on aviation safety.

Organizational Issues

Emerging Issues

- UAS and manned VTOL-capable aircraft;
- Artificial intelligence (AI) in Aviation; and
- Digitalization in the aviation field.

12th MID Annual Safety Report Draft



SAFETY

MID Region Annual Safety Report



NASP Development Progress

- Secure Portal
- NASP Community
- Events and Workshops
- GASP History
- Library
- Links
- Contact Us

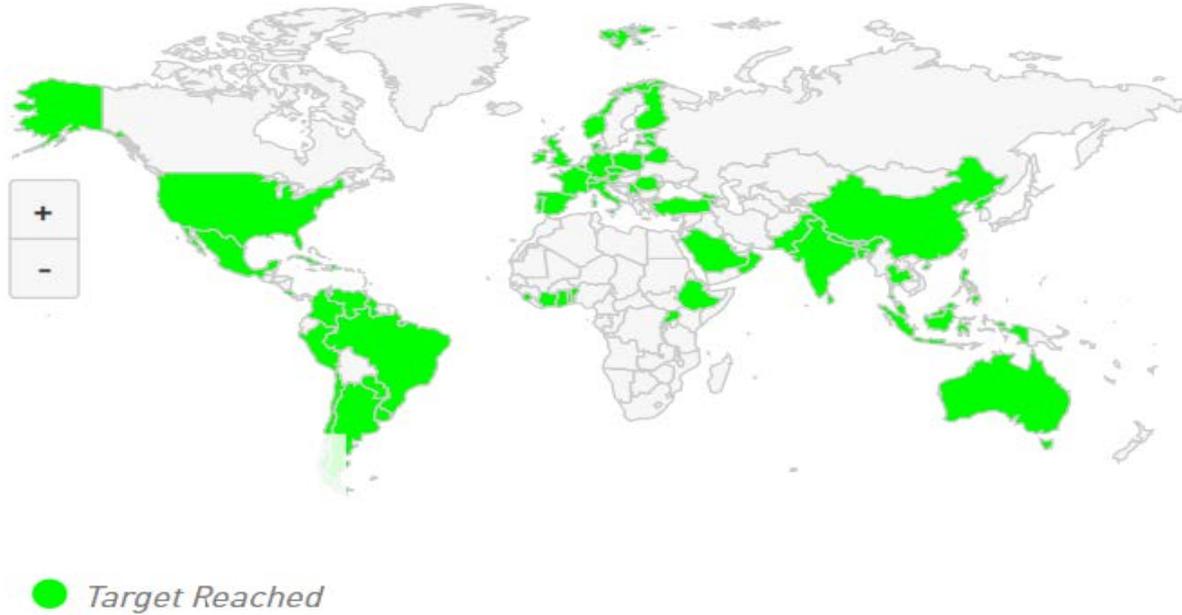
Global Aviation Safety Plan

✓	📄	Name	
		Argentina NASP	...
		Armenia NASP	...
		Australia NASP 2021-2023	...
		Austria NASP 2021	...
		Bangladesh NASP 2021-2023	...
		Belarus NASP 2021-2023	...
		Belgium NASP - BPAS 2022-2	...
		Benin NASP	...
		Brazil NASP 2019-2022	...
		Chile NASP	...
		China NASP 2021-2025	...
		Colombia NASP-PCSO	...
		Costa Rica NASP 2022-2024	...
		Côte d'Ivoire NASP	...
		Cuba NASP	...

79 States officially published NASPs so far

So far only 4 States from MID Region

www.icao.int/nasplibrary



<https://soa.icao.int/gasp>

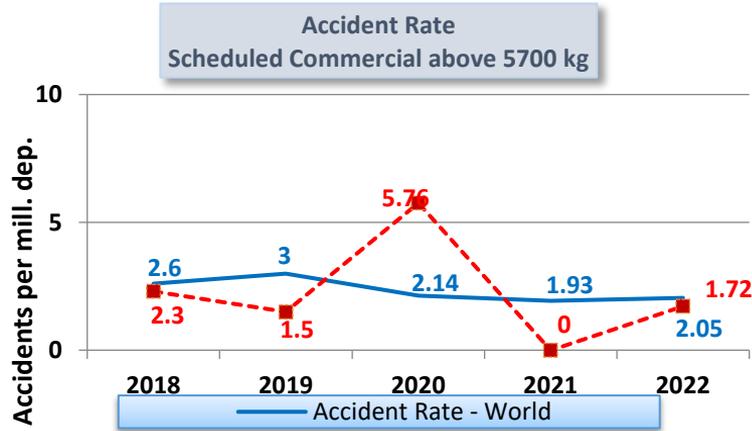
Conclusions

- PIRG/RASG 1: PUBLISHING OF THE NASP
- PIRG/RASG 2: MENA ARCM
- RASG-MID 11/1: 12th ASR
- RASG-MID 11/2: Sharing Of Safety Data Analysis
- RASG-MID 11/3: GNSS Interference And Spoofing
- RASG-MID 11/4: Update on the Implementation progress of SEIs
- RASG-MID 11/5: Carriage and transport of lithium batteries guidance material
- RASG-MID 11/6: Development of NASP in MID states
- RASG-MID 11/7: Development of SSP in MID states



MID Region Safety Performance Monitoring

Goal 1: Achieve a Continuous Reduction of Operational Safety Risks



Safety Target

Reduce/Maintain the regional average rate of accidents to be in line with the global average rate

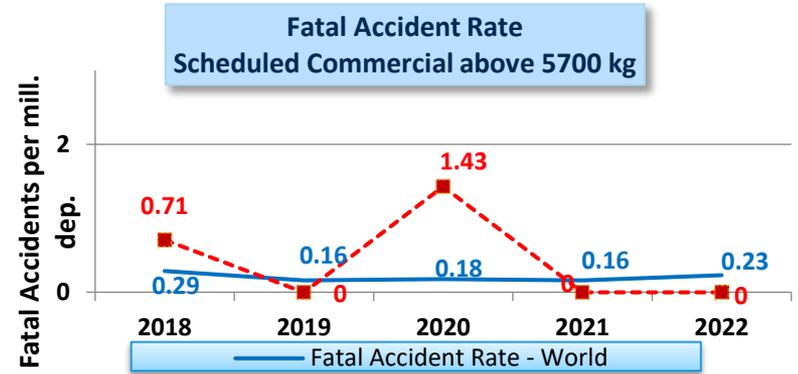
Average 2018-2022

Average MID

2.25

Average Global

2.34



Safety Target

Reduce/Maintain the regional average rate of fatal accidents to be in line with the global average rate

Average 2018-2022

Average MID

0.42

Average Global

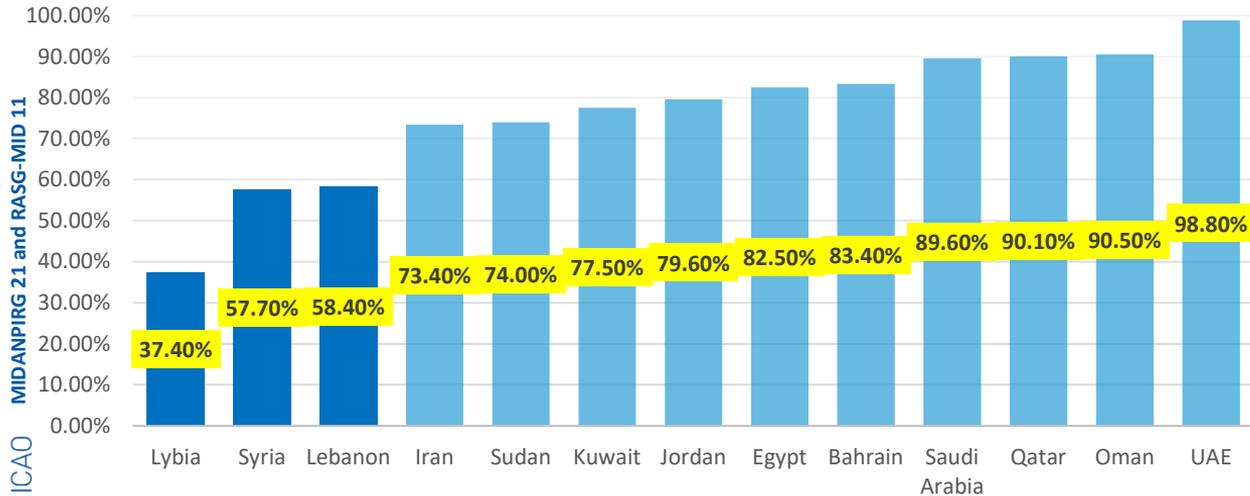
0.20

Goal 1: Achieve a Continuous Reduction of Operational Safety Risks



Goal 2: Strengthen States' Safety Oversight Capabilities

MID STATES USOAP OVERALL EI



13 out of 15 States have been audited

Overall MID EI = 76, 4%

3 states are below 60% (Libya, Syria, Lebanon)

NO SSC in MID Region

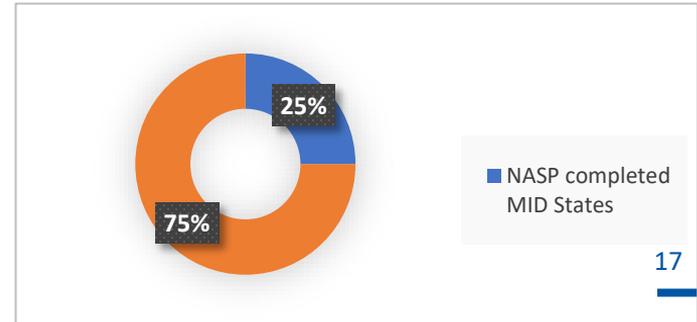
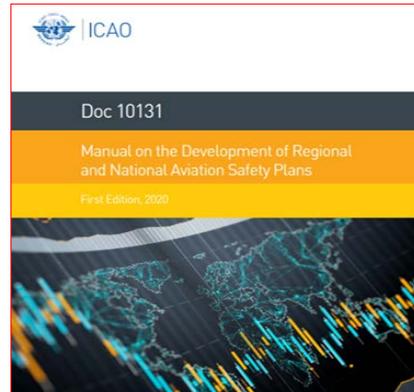
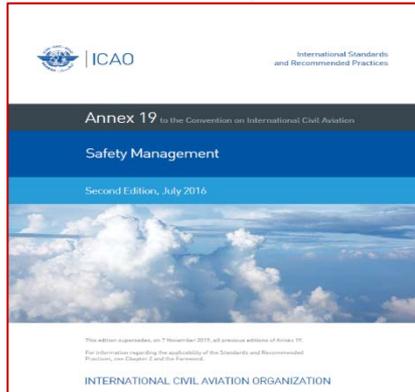
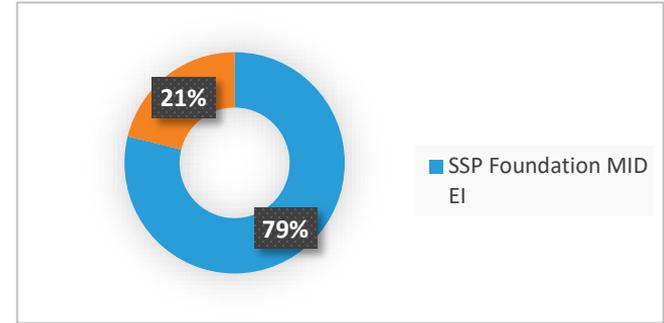
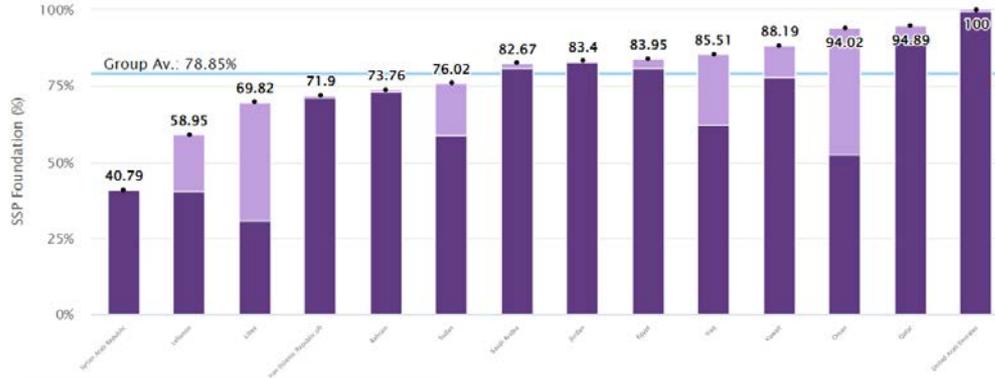
Regional average EI PPQs = 66

Source: ICAO USOAP CMA On Line Framework (OLF), as of April 2024

Goal 3: Implementation of Effective SSP

Overall SSP Foundation by State

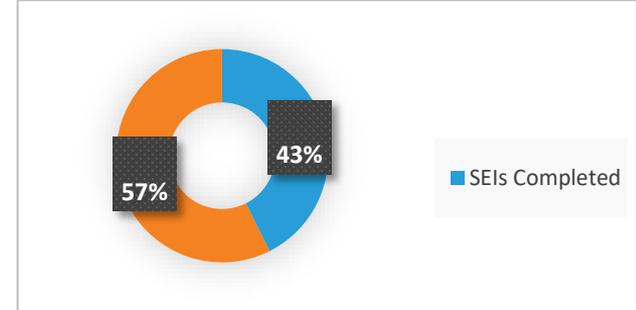
RASG-MID



Goal 4: Increase Collaboration at the Regional Level

Consolidated List of SEIs with their respective Safety Actions

SEI Code	SEI Name	Actions	Owner(s)	Status/Progress	Completion Date
Regional Operational Safety Risks					
Goal 1: Achieve a Continuous Reduction in Operational Risks					
G1-SEI-01:	Aircraft Upset in Flight (LOC-I)	A1- Guidance material on flight crew proficiency	IATA to be supported by Airbus		2023- 2025
		A2- Advisory Circular: Mode Awareness and Energy State Management Aspects of Flight Deck Automation	IATA to be supported by Airbus		2023- 2025
		A3- Conduct Upset Recovery capacity building activities	UPRT Workshop. Airbus, ICAO, Kuwait	Regional ICAO UPRT Workshop (jointly involving Airbus, ICAO, Kuwait) conducted in Kuwait 7-11 May 2023. Completed	2023-2025
		A4- Develop guidance material on the air cargo safety	Oman	Planned for 2024	2023-2025
G1-SEI-02:	Runway Safety- Runway Excursion	A1- Support States to implement the Global Reporting Format (GRF) Methodology through capacity building activities.	ICAO and ACI		2023-2025
		A2- MID Region Action Plan/Milestones on the Global Reporting Format (GRF) Implementation.	ICAO		2023-2025
		A3- Awareness Material on the vulnerabilities of BARO-VNAV approaches and mitigation actions	ICAO	Planned for 2024	2023-2025



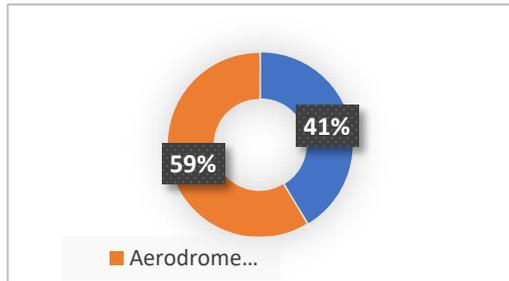
Goal 5: Expand the use of Industry Programmes



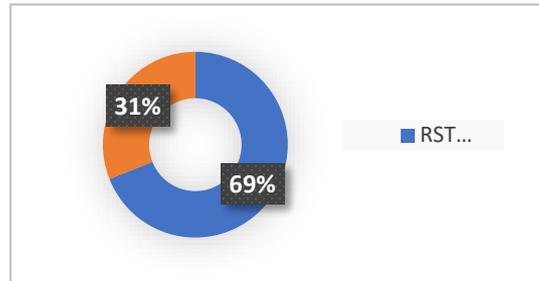
**MID RASP 2023-2025
Edition developed
and published**

Goal 6: : Ensure Appropriate Infrastructure is available to Support Safe Operations

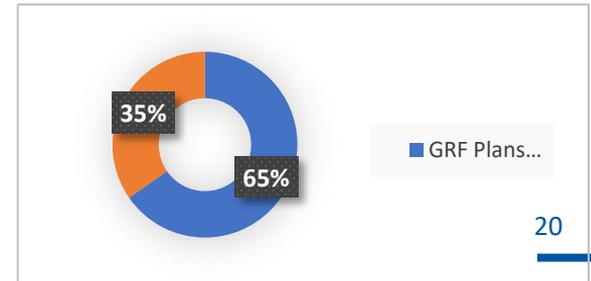
Aerodrome Certification



Runway Safety Team (RST)



GRF Plans implemented



Challenges



SSP and NASP development and implementation



Limited sharing of safety information and safety data analysis by States



Insufficient human & financial resources and training of personnel to meet the State's obligations



Political/Security situation/stability in some States



Inadequate separation of regulatory/oversight functions and service providers in some States



Independent Aircraft accident investigation Authorities

Thank You

