

# SAUDI ARABIA

## AGA/AOP PRIORITIES & CHALLENGES

Third Meeting of the Aerodromes Safety, Planning and Implementation Group

ASPIG/3 Meeting (25-27 October 2021)

Presented by: Saudi Arabia (General Authority of Civil Aviation – AD Standards)

## Priorities

- ▶ To maintain the certification of all aerodromes open to public in Saudi Arabia;
- ▶ Continuity of safety oversight scheduled for aerodromes that are fully certified;
- ▶ Improve safety oversight and safety management capabilities post covid-19 including use of remote/virtual capabilities;
- ▶ Implement objectives and priorities of GASP associated with the aerodrome operations;
- ▶ Developed Safety Aviation State Program (SSP) taking into account GASP (In progress);
- ▶ Develop National Safety Plan covering aerodromes operations (In progress);
- ▶ Implementation of certification/authorization for heliports and helidecks.

## Challenges

- ▶ Certification of all AD within the time frame ;
- ▶ Normalization of Aerodrome Operations post Covid-19;
- ▶ Identification and resolve of high risk categories at operational safety at aerodromes;
- ▶ emerging risks due UAV operations near aerodromes and its potential impact on safety at aerodromes;
- ▶ Developing regulations for water aerodromes (in progress);
- ▶ Maintaining the safety oversight schedule;
- ▶ Conducting unscheduled inspections;
- ▶ Change management at aerodromes.

# AERODROMES CERTIFICATION IMPLEMENTATION

## Priorities

- ▶ Runway safety team is mandatory under GACAR 139 and is part of AD/SMS manual;
- ▶ Improve the runway safety data collection methods;
- ▶ Identify risk factors , hot spots and national safety risks.

## Challenges

- ▶ Full implementation of RST for all aerodromes;
- ▶ Safety data collection;
- ▶ Potential Hazards and their mitigations.

# RUNWAY SAFETY TEAMS IMPLEMENTATION

## Priorities

- ▶ GRF implementation is mandatory under the GACAR 139 Version 7;
- ▶ The continuous flow of information and implementation of e-management systems;
- ▶ Enhance and enforce the concept of change management in aerodromes;
- ▶ Feedback and Follow up by all aerodrome entities ;
- ▶ Conduct of awareness Sessions and on site trials;
- ▶ GACA and Airport Staff Training;
- ▶ Issuing of specific guidance as Advisory Circular (AC) on the implementation of GRF requirements developed under GACAR Part 139.

## Challenges

- ▶ Implementation of GRF by 4<sup>th</sup> Nov 202;
- ▶ Implementation of GRF and awareness sessions;
- ▶ Reliable Delivery of information;
- ▶ Systems and mechanism development;
- ▶ On-line training and remote oversight implementation.

# GLOBAL REPORTING FORMAT IMPLEMENTATION

## Priorities

- ▶ Fully implementation of ACDM using phased approach and starting with International Aerodromes;
- ▶ Include ACDM as one of the initiatives defined under Saudi National Air Navigation Plan (SNAP) expected to be available by Q2-2022;
- ▶ Data observation;
- ▶ Initiate the ACDM committee.

## Challenges

- ▶ To finish the ACDM training and workshops;
- ▶ Management and culture change;
- ▶ New methods of implementation;
- ▶ Interfacing between all stakeholders to exchange the data of flights and their status and progress.

ACDM IMPLEMENTATION (AS APPLICABLE)

## Priorities

## Challenges

- ▶ No deficiencies related to AOP Area.

AIR NAVIGATION DEFICIENCIES AOP – AREA  
MANDD ( [HTTPS://MANDD.ICAQ.INT](https://mandd.icao.int) ) SATISFACTION

## Priorities

- ▶ Red Sea Airport project;
- ▶ AMAALA Airport project;
- ▶ Use of remote digital tower at new and existing aerodromes;
- ▶ Implementation of A-SMGCS at all international aerodromes (OEJN, OERK, OEDF and OEMA) to support safe management of aerodrome ground movements;
- ▶ King Abdullah Airport project, Gazan;
- ▶ Terminal 1 project at King Abdulaziz International Airport, Jeddah;
- ▶ Al-Jouf Airport project;
- ▶ Prince Nayef bin Abdulaziz Airport project;
- ▶ WDS Aerodrome project.

## Challenges

- ▶ To finalize project studies and approvals within the required time frame;
- ▶ To introduce A-SMGCS service during 2022.

CURRENT/FUTURE AERODROMES  
EXPANSIONS/PROJECTS

## Priorities

- ▶ Train all the staff and finalize OJT program;
- ▶ A proper and effective training program;
- ▶ Certified aerodrome Safety inspectors;
- ▶ Secondment of aerodrome Safety Inspectors to ICAO USAOP-CMA planned activities.

## Challenges

- ▶ Time Management;
- ▶ Maintain competent aviation professionals in the departments;
- ▶ Adoption of comprehensive training program leading to the certification of aerodrome Safety Inspectors.

STATE'S NEEDS ON CAPACITY  
BUILDING

THANK FOR YOUR ATTENTION

