

# Hamad International Airport (HIA) Doha-Qatar

## Emergency Exercise Oryx Golf 2019 Overview

(Public Health Emergency Incident  
Scenario)

By:

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Qatar Company for  
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**MATAR**

شركة القطرية  
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**مطار**



ICAO CAPSCA EUR/MID/10 MEETING  
14-16 Feb 2023, Bahrain

# MATAR (HIA) | EMERGENCY EXERCISE ORYX GOLF 2019 OVERVIEW

## Introduction:

- ▶ In compliance to airport licensing requirement, **HIA**, similar to the other international airports as per **ICAO regulations**, is conducting a full-scale emergency exercise every two (2) years.
- ▶ This is to demonstrate to the Aerodrome Inspectors from Qatar Civil Aviation Authority, the airport emergency preparedness and response to a major incident such as, aircraft accident, aircraft ground incident, unlawful interference, public health emergency incident, CBRN incident and so on and the effectiveness and satisfactory implementation of the **Airport Emergency Plan**, together with all emergency response agencies within the State of Qatar.
- ▶ **HIA**, since the start of its operation in **2014**, has demonstrated the following full-scale emergency exercises:
  - ▶ In 2015, Emergency Exercise Oryx Charlie on aircraft accident on airport near western runway;
  - ▶ In 2017, Emergency Exercise Oryx Delta on aircraft accident at sea;
  - ▶ In 2019, Emergency Exercise Oryx Golf on public health emergency incident on aircraft; and
  - ▶ In 2021, Emergency Exercise Oryx India on unlawful interference from hijacked aircraft to hostage-taking scenario inside Arrival Terminal.



# MATAR (HIA) | EMERGENCY EXERCISE ORYX GOLF 2019 OVERVIEW

## HIA Exercises prior to Oryx Golf 2019:



# MATAR (HIA) | EMERGENCY EXERCISE ORYX GOLF 2019 OVERVIEW

## Airport Emergency Plan (AEP):

- ▶ A plan developed by the Airport Authority to coordinate all responses of airport services with other agencies and their individual Airport Emergency Procedures, in conjunction with State and other supporting plans for dealing with an airport emergency.
- ▶ AEP Legal Framework
  - ▶ ICAO Annex 14
  - ▶ QCAA QCAR 006 (2017 as amended)
  - ▶ Aerodrome Manual - HIA
  - ▶ WHO and the Ministry of Public Health (MOPH) – International Health Regulation (IHR) 2005 under Core Capacity 9 – Points of Entry (POE)
- ▶ AEP Objectives
  - ▶ Saving lives & properties
  - ▶ Safety of casualties & after care
  - ▶ Fire fighting and containment
  - ▶ Investigation
  - ▶ Restoration to airport's normal operations (Business Continuity)

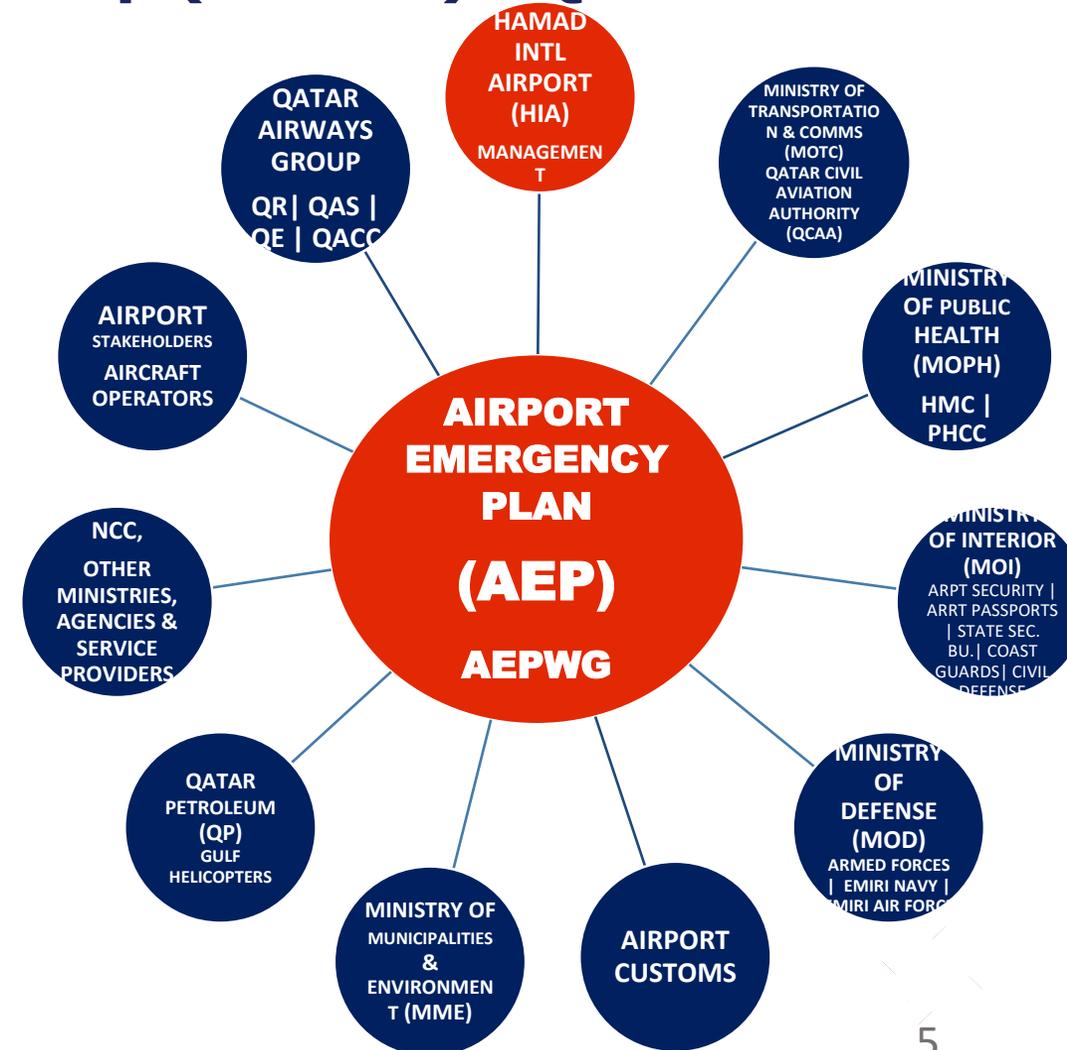


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## Airport Emergency Planning Working Group (AEPWG) - Qatar

### ▶ Exercise Participants – Oryx Golf 2019

- ▶ Airlines Operators Committee –Doha (AOC)
- ▶ Airport Customs Dept.
- ▶ Boecker Public Safety LLC (Vendor aircraft disinfection)
- ▶ Hamad International Airport Management
- ▶ Hamad Medical Corporation Facilities
- ▶ Ministry of Defense (MoD) – QEAF
- ▶ Ministry of Interior (MoI)
  - ▶ Airport Passports Dept. (APD)
  - ▶ Airport Security Dept. (ASD)
  - ▶ Central Operations Dept. (COD)
  - ▶ Qatar Civil Defence Dept. (QCDD)
  - ▶ State Security Bureau (SSB)
- ▶ National Command Centre (NCC)

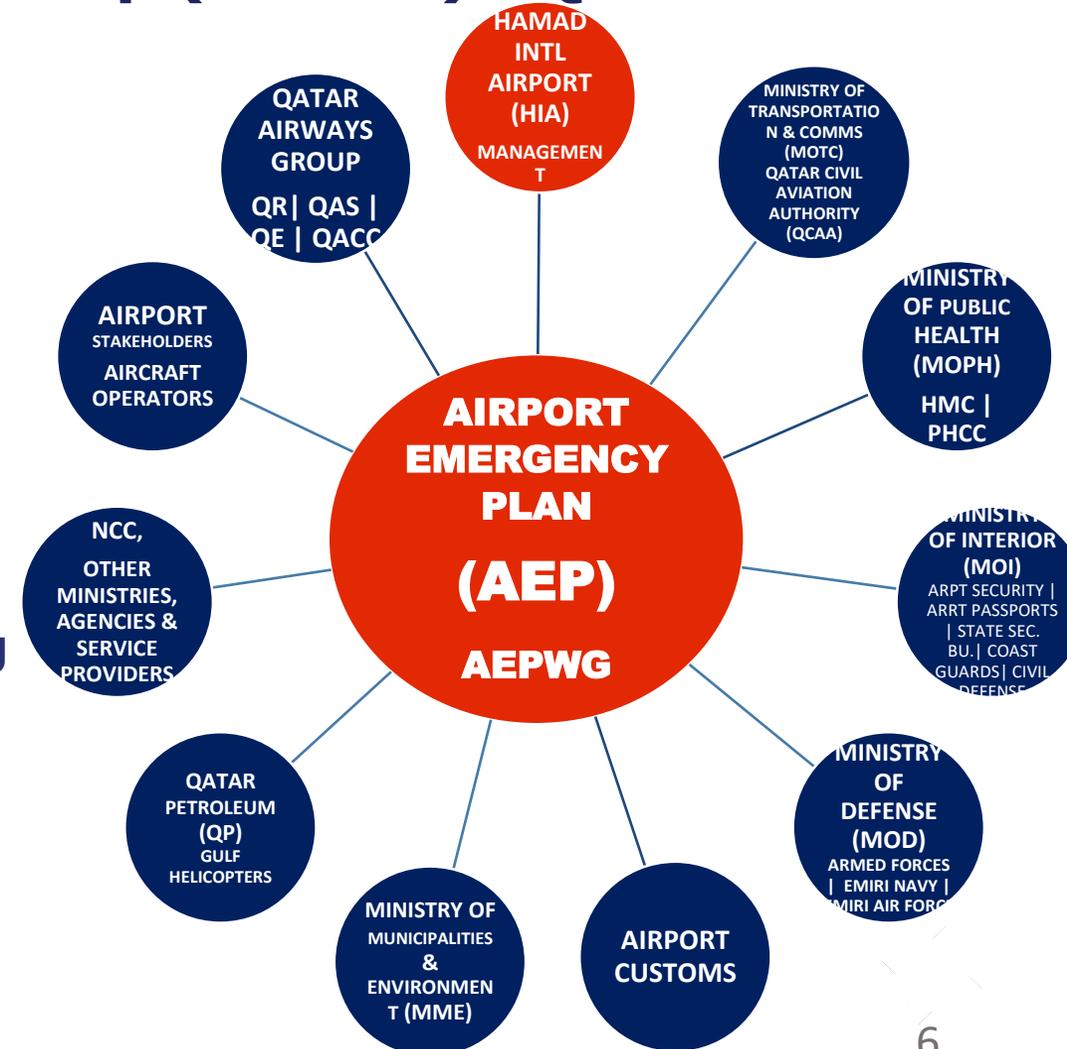


# MATAR (HIA) | EMERGENCY EXERCISE ORYX GOLF 2019 OVERVIEW

## Airport Emergency Planning Working Group (AEPWG) - Qatar

- ▶ Exercise Participants – Oryx Golf 2019
  - ▶ Ministry of Public Health (MoPH)
  - ▶ Ministry of Transportation & Comms.
  - ▶ Qatar Airways Group
    - ▶ Qatar Aircraft Catering Company (QACC)
    - ▶ Qatar Airways (QR)
    - ▶ Qatar Aviation Services (QAS)
  - ▶ Qatar Civil Aviation Authority (QCAA)
  - ▶ Tansifco Company-Qatar (vendor collecting Biohazard waste)

- ▶ Total number of agencies/departments: **18+**



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## **Challenges identified during the exercise planning and preparation**

- ▶ **Transfer of suspected passenger-patient (SPP) from aircraft to hospital;**
- ▶ **Training of airport personnel involved in regard to Donning and Doffing of PPE procedure; Customer-facing, operations and cleaning staffs;**
- ▶ **Familiarity on the use of Thermal Screening Devices by MOPH team;**
- ▶ **Handling of SPP's belongings from aircraft – hand carried item(s) and checked baggage;**
- ▶ **Collection of biohazard waste from aircraft;**
- ▶ **Procedure prior to aircraft disinfection;**
- ▶ **Responsible agency handling the Aircraft cleaning process;**
- ▶ **Availability of forms - Health Declaration and Passenger Locator Cards;**
- ▶ **Handling, registration and release of the crew, esp. those with direct contact with suspected case and remaining passengers.**

# MATAR (HIA) | EMERGENCY EXERCISE ORYX GOLF 2019 OVERVIEW

## Full-scale Emergency Exercise Oryx Golf 2019 on Public Health Emergency Incident Video



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## **Lessons Learnt**

- ▶ **The importance of planning, preparation and exercise execution, which are key aspects in establishing the readiness of an airport and the responding agencies to any type of an airport emergency.**
- ▶ **The importance of 4C's – coordination, collaboration, cooperation and communication among the working group members – emergency, medical, security and operational responders.**
- ▶ **The importance of PPE onboard the flight and at the passenger terminal.**
- ▶ **The availability of the thermal screening devices at the airport.**
- ▶ **The significance of the CCTV (Preventive Maintenance) inside the Passenger Terminal.**

## **MATAR | HAMAD INTERNATIONAL AIRPORT COVID-19 PREVENTATIVE MEASURES**

- ▶ **HIA's active cooperation and participation in local and international audits and inspections for airport safety measures and implementation at the height of COVID-19 crisis, with the airport's initiatives and actions,**

**HIA has been awarded 5-star COVID-19 Airport Rating by SKYTRAX on 3<sup>rd</sup> December 2020**



# Thank you.

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