



Airport Disaster Events

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Introduction Information

Airport Emergency Plan

An AEP is meant to support airports in defining roles and responsibilities of stakeholders during emergencies, identifying specific threats that could affect airports, and establish communication protocols for the airport community.

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Stakeholders supporting AEP

- ❖ *Airport operators and staff who are directly employed by the airport*
- ❖ *Airlines and staff*
- ❖ *Tenants and staff*
- ❖ *Local, state, and federal government agencies—government, EM, medical examiner, or regulatory*

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Stakeholders Supporting AEP

- ❖ *First responders who have roles and responsibilities for an emergency at or with the airport*
- ❖ *Nongovernmental organizations (NGOs) such as the American Red Cross (or World Food Bank)*
- ❖ *Private organizations that may support the airport and/or airline during an emergency or event*

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10 Functions of Airport

The FAA has identified 10 specific functions, or capabilities, the airport must be able to demonstrate

- ❖ *Communications,*
- ❖ *Direction and Control,*
- ❖ *Alert and Warning,*
- ❖ *Emergency Public Information,*
- ❖ *Protective Actions,*
- ❖ *Fire and Rescue,*

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10 Functions of Airport Continued

- ❖ *Law Enforcement,*
- ❖ *Health and Medical,*
- ❖ *Operations and Maintenance, and*
- ❖ *Resource Management.*

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FAA Matrix of Functions

Agency	Airport Manager/Chief Executive	Fire Department	Police Department	Health and Medical Coordinator	Emergency Response Manager	Communications Coordinator	Public Information Officer	Airport Operations and Maintenance	Warning Coordinator	Resource Manager	Volunteer Organizations	Other Agencies
Functions												
Direction and Control	P	P/S	P/S	P/S	S	S	S	S	S	S	S	S
Communications	S	S	S	S	S	P	S	S	S	S	S	S
Alert and Warning	S	S	S	S	S	S	S	S	P	S	S	S
Emergency Public Information	S	S	S	S	S	S	P	S	S	S	S	S
Protective Actions	P	P/S	P/S	P/S	S	S	S	S	S	S	S	S
Fire and Rescue	S	P	S	S	S	S	S	S	S	S	S	S
Law Enforcement	S	S	P	S	S	S	S	S	S	S	S	S
Health and Medical	S	S	S	P	S	S	S	S	S	S	S	S
Operations and Maintenance	S	S	S	S	S	S	S	P	S	S	S	S
Resource Management	S	S	S	S	S	S	S	S	P	S	S	S

LEGEND
P : Primary Responsibility
S : Support Responsibility
P/S : One of these may be in charge, depending on the nature and scope of emergency

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Agenda

Discuss a specific disaster event from the airport's viewpoint to report on:

- First responders and actions needed.
- Challenges of response.



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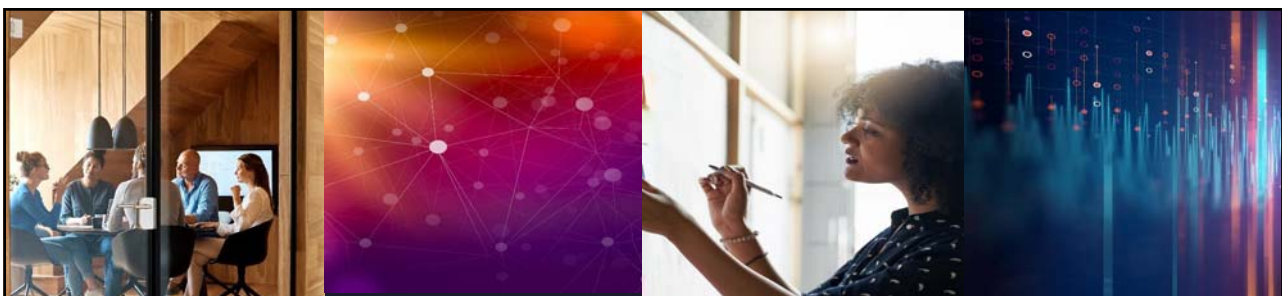
Airport Scenario Introduction




- Participate in a low stress, open discussion, encouraging different points of view.
- Each group has participants from two or more different institutions to simulate a real-life situation where you will need to work together.

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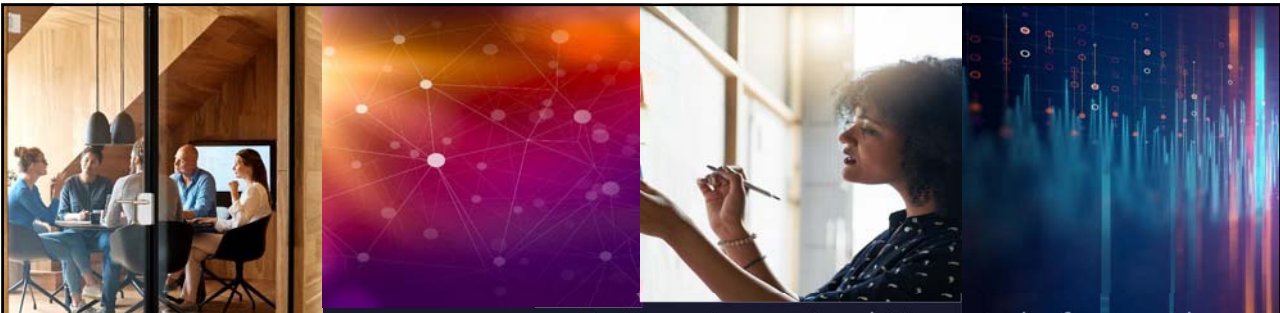
Airport Scenario Introduction




- Your responses should be based on your knowledge of current plans and capabilities, using existing resources and knowledge derived from this workshop.
- Discuss and present multiple options and possible solutions.

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Airport Scenario Introduction

- No Name International Airport is the focus, with the basic details you need to know for response to each particular airport scenario.
- This exercise is to increase your awareness of responses to airport disaster events, the roles and responsibilities of business partners, community, and airport/airline.



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Organization

We will present a scenario occurring at the airport. Note times events are happening and discuss the situation within your group:

- Determine who responds first and establish priorities,
- Determine immediate next actions to be taken,
- Declare how and with whom you are communicating,
- Identify problems encountered and possible solution, and
- Recommend required resources and how to acquire them.




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Organization

Before we begin, select a table spokesperson.

Each group will be provided 10 minutes to discuss the situation and the assigned spokesperson of your group will present your ideas to the whole room.

Work as a team, as you would in a real situation.



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No Name Airport Information

- Small hub commercial airport with cargo and passenger
- One 2,400 meter runway
- 900 acres
- 1 million enplaning passengers annually
- Typical airport layout with parking lot to curb entry to terminal



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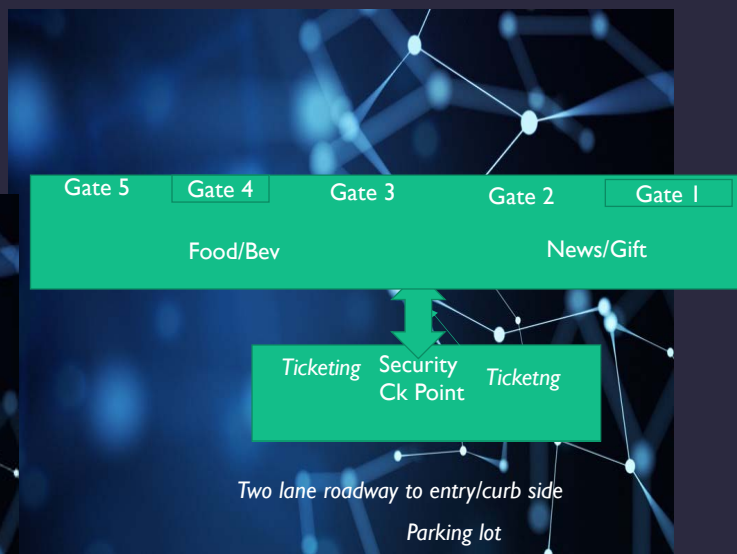
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No Name Airport Information

Cargo Ramp – Fed Ex, UPS,
Common Use

*Small hub commercial service with cargo
and passenger service.*

Cargo facility about 1 mile from terminal
Firefighting facility on site.
Nine airlines (most are commuter
aircraft).
Standard small airport layout.



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Airport Scenario #1 Description

- Monday, May 30 – Memorial Day Weekend. Airlines are flying at full capacity with arrivals/departures increased due to holiday travel.
- The airport terminal is stretched to capacity with meeters/leavers with more travelers through the airport than the terminal has been built to accommodate.



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Airport Scenario #1 Description

- The Airport just received notice from the meteorology folks that a tornado was spotted forming at 10:30 am local time. It is travelling at 10 mph and is about 5 miles from the airport and the airport is in its path. Two flights are on their way in within the next half hour and one flight is getting ready to depart.



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Group Task for Scenario #1

We will present a scenario occurring at the airport. Note times events are happening and discuss the situation within your group:

- Determine who responds first and establish priorities,
- Determine immediate next actions to be taken,
- Declare how and with whom you are communicating,
- Identify problems encountered and possible solution, and
- Recommend required resources and how to acquire them.



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YOU HAVE 18 MINUTES TO REPORT.

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Group Task for Scenario #1 Report

- Group 1 - Determine immediate next actions to be taken.



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Group Task for Scenario #1 Report

- Group 4 - State with whom and how to coordinate.



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Group Task for Scenario #1 Report

- Group 5 - Recommend required resources and how to acquire them.



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SCENARIO #1 UPDATE – TORNADO HEADED FOR AIRPORT

- Who responds first?
- With whom and how do we communicate:
- What resources are needed to handle this situation?
- How does management and operations coordinate with a lack of potential resources

Groups have 10 minutes to respond.



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Group Task for Scenario #1 Update

- Group 2- Determine immediate next actions to be taken.



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Group Task for Scenario #1

- Group 3 - State with whom and how to coordinate.



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Airport Scenario #2

- Three flights have arrived in the last hour and a half and one flight is clearing immigration and customs.
- A flight has just landed and is taxiing to gate.
- A flight is scheduled to arrive in one hour.
- Three flights are scheduled to depart in the next two hours.
- Passengers arriving and departing
- Meeters/leavers in terminal



Tuesday, February 2, 20XX

Sample Footer Text

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Airport Scenario #2 Description

- At 8:00 pm - Man in terminal before security checkpoint seems to be agitated and stressed and pulls out a gun and starts waving gun around.
- The only Airport Police Officer is beyond security checkpoint handling terminal passenger argument.



Sample Footer Text

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Group Task for Scenario #2

Note times events are happening and discuss the situation within your group, and:

- Determine immediate next actions to be taken.
- State with whom and how to coordinate.
- Identify problems encountered and possible solution.
- Recommend required resources and how to acquire them.

Groups have 10 minutes to respond.



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Group Task for Scenario #2

- Group 3- Determine immediate next actions to be taken.



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Group Task for Scenario #2

- Group 5 - State with whom and how to coordinate.



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Group Task for Scenario #2

- Group 4 - Recommend required resources and how to acquire them



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Updated Airport Scenario #2 Description

- Passengers need to be removed from the gate area. Where will they be moved to without taking them through the terminal area where the incident is occurring? How will you contain the passengers?
- Flights are being held on the field and not allowed to leave the gate until the terminal is declared safe.
- People arriving to enter the terminal are in the parking lots, rental car lots and ready to enter the Terminal.



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Updated Airport Scenario #2 Description

- Local law enforcement arrived and was able to talk the man into relinquishing his gun.
- Concern:
 - Did the man operate individually or are there others involved?
 - POINT:
 - What steps will you take to make sure the Terminal is safe?

•Groups have 10 minutes to respond.



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Updated Airport Scenario #2 Description - GROUP REPORTS

Group 5-Did the man operate individually or are there others involved?



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Updated Airport Scenario #2 Description - GROUP REPORTS

Group 3 - What steps will you take to make sure the Terminal is safe?



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Updated Airport Scenario #2 Description - GROUP REPORTS

Group 1- What, if any, changes do you recommend?

- What happens next?



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Points to Consider

Landside:

- Restriction of access to the airport.
- Contain arriving people into the terminal while the situation is occurring.
- Identifying the vehicle in which the person arrived,



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Points to Consider

Terminal- Pre-security checkpoint:

- Evacuation of the people currently in the pre-security areas of the terminal.
- Communication process.
- The police becomes the Incident Commander, and someone from the landside and airside meets with the Incident Commander and he will declare if the terminal needs to be evacuated.



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Points to Consider

Terminal- Post Security

The Security checkpoints' personnel and equipment will have to be re-set and passengers beyond security will have to be rescreened.



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Points to Consider

Airside:

- Arriving aircraft have priority to departing aircraft. If loading bridges are not available, then passengers must be offloaded and taken to the terminal.
- Notifications of airport status must be made to The Air Traffic Control Tower.



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Thank You

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