

U.S. FAA Emergency Planning and Response requirements

Presented to: Preparing Airports for Disasters Workshop

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*We are
Airports*

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U.S. Airport Emergency Planning

- U.S. Airports require an Airport Operating Certificate (AOC) for commercial operations
- There are 517 certificated airports in the U.S.
- There are 3,321 U.S. airports that have FAA oversight

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Int'l Airport Emergency Planning

- ICAO
 - Annex 14 Volume 1, Chapter 9, Section 9.1
 - Airport Services Manual, Part 7 Airport Emergency planning(Doc 9137)

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U.S. Airport Emergency Planning

Chapter 14 Code of Federal Regulations

– Part 139.201/325

- **Advisory Circular**

– AC 150/5200-31C “Airport Emergency Plan”

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U.S. Airport Emergency Planning

Chapter 14 Code of Federal Regulations

– Part 139.325

(b) The plan required by this section must contain instructions for response to—

- **(1)** Aircraft incidents and accidents;
- **(2)** Bomb incidents, including designation of parking areas for the aircraft involved;
- **(3)** Structural fires;
- **(4)** Fires at fuel farms or fuel storage areas;

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U.S. Airport Emergency Planning

Chapter 14 Code of Federal Regulations (continued)

– Part 139.325

- **(5)** Natural disaster;
- **(6)** Hazardous materials/dangerous goods incidents;
- **(7)** Sabotage, hijack incidents, and other unlawful interference with operations;
- **(8)** Failure of power for movement area lighting; and
- **(9)** Water rescue situations, as appropriate.

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U.S. Airport Emergency Planning

- **Emergency Plan Included in Airport Certification Manual (Airport Manual)**
- **Is binding on the airport**
- **State EMA coordination**
- **FEMA reporting & coordination**

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U.S. Airport Emergency Planning

- **Airport Emergency Plan (AEP) must be reviewed every 12 consecutive calendar months**
- **There must be a full scale exercise conducted every 36 consecutive calendar months**

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U.S. Airport Emergency Planning

FAA Deployment

- **Inspectors can be designated to deploy**
- **Assists in determining airport status**
 - Determines if the airport meets safety standards
 - Makes recommendations
 - Assists airport with U.S. disaster aid organizations

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FAA Deployments



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FAA Deployments



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Disasters

Disasters take many forms:

- **Natural Disaster (Hurricane, earthquake)**
- **Aircraft Accident**
- **Terrorist incident**
- **Cyber attack**

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Reporting Requirements

- All Southern Region airports are required to report status prior to an event (Natural disaster), or after an unexpected event
- Report their current status to FAA Southern Region HQ (e.g. fuel supplies, field condition)
- Make preparations to protect facilities and minimize damage prior to an event

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Reporting Requirements

- All Southern Region airports are required to conduct assessments *after* an event
- Report their findings to FAA Southern Region HQ (e.g. fuel supplies, field condition)
- Make repairs/restorations per their Airport Emergency Plan (AEP) and ACM

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Sample Report

The FAA Southern Region uses this report to gather needed information

Airfield Condition Report

Airport Name: _____ LOCID: _____

Date & Time of this information: _____

1. Is the **AIRPORT** OPEN or CLOSED? If closed, when do you expect to reopen?
2. What **RUNWAY(s)** are OPEN /CLOSED?
(Summarize runway status, including basic open/closed information, as well as damage (e.g., flooding or debris). Also include any available information on ramps and taxiways. Include projected return to full operations if available).
3. What **DAMAGE** occurred at your airport?
4. Estimated **DAMAGE COSTS** - per element (for example, terminal roof \$25K, runway lights \$9K).
(Summarize damage or lack thereof, as applicable, to the physical plant of (if in separate building): terminal, and support buildings).
5. Status of your **ARFF** vehicle & staffing.
(Summarize Aircraft Rescue & Fire Fighting (ARFF) capabilities; include information on ARFF crew availability, equipment, supplies, etc.)
6. **DAYS** of fuel are on hand (Rough estimate is okay).
JET-A?: _____
AVGAS?: _____
7. Describe the status of **power** and **airfield lighting**
Describe the status of your **ENGINE GENERATORS**
Airfield (all runways?): _____
Fuel farms / FBOs: _____
Terminal Bldg.: _____
8. What are your **airport staffing** levels, operations & maintenance (% of normal level)?
Operations: _____ %; Maintenance: _____ %
9. **NOTAMS** - Please update your NOTAMS - Coordinate with ATCT and Tech Ops.
10. What is the status of air carrier operations

[Submit by Email](#)

ASO Airfield Condition Report form (4/21) SUPERSEDES PREVIOUS EDITION Page 1 of 1

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ACRR Demonstration

- **ACRR is:**
 - “Airport Crisis Response Reporting”
 - A Web based tool for airports
 - A method to allow online reporting of airport conditions
 - During any natural or manmade disaster/incident

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FAD Info

Florida Aviation Database

- Used in state of Florida only
- A way to keep the state government informed with airport status
- Uses information requested by both State of Florida and FAA

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FAD Info

FLORIDA AVIATION DATABASE

[My Account](#) [Log Out](#)

User Information [Manage](#)

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Commercial

Florida Aviation Database Switchboard [Request Help](#) | Version 2.1.13

Welcome to the Florida Aviation Database (FAD). Developed and maintained by the Florida Department of Transportation, in cooperation with the Federal Aviation Administration, Florida Airports Council and Florida's Public Airport Sponsors, FAD is the central repository for Florida aviation system data.

For information regarding the Florida Department of Transportation Aviation Office, Florida Aviation System Plan, Florida Aviation Statutes, Florida airports, or other aviation related information, please see the [Aviation Office](#) Web site. You may also contact us at 850-414-4500 or email us at aviation.fdot@dot.state.fl.us.

Safety is an ongoing journey, not a final destination.

Applications

- [Integrated Facility Module](#)
- [Contact Management](#)
- [FAD Training Module](#)

Alerts/Messages [Edit Alert Notification Preferences](#)

Facility Status Change for Airglades Airport : Open Posted: 5/25/2023
Airport Comments :Self Serve 100LL and Jet A fuel available 24 hours. Staff available M-F 8:30pm - 4:30pm.

Facility Status Change for Tallahassee Commercial Airport : Closed Posted: 8/14/2020
Airport Comments :Runway 16/34 is unsafe for fixed wing aircraft due to voids under the asphalt. Airport CLOSED from 02-09-2018 at 1424Z permanently.

Facility Status Change for Dade-Collier Training and Transition Airport : Closed Posted: 5/5/2023
Airport Comments :TNT will open on May 8th, 2023 and remain open daily between 0830(L) and 1730(L).

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FAD Info

FLORIDA AVIATION
DATABASE

Integrated Facility Module

Miami International Airport
Logout | Support | Version 2.1.13

Search

Facility

Contacts

Statistics

Pavement

General

Runways/Helipads

Facility Requirements

Services

Remarks

NavCom

FBO

Schedule

Documents/Links

Profile Data

Disaster Preparedness

Disaster Preparedness

Bookmarks

Go to

Go

New

Note - Status and Comments display on the SERT GATOR website.

Facility Data

Shared Resources

Reports

Save

Last modified on 11/14/2022 7:20:49 AM by Norman Hegedus

Alerts

Alert Status

Open

View NOTAMS

Comments

Fuel Numbers updated on 11-14-2022 @ 8:22 AM

Fuel Availability

Add New

FBO	Type	Capacity	Gallons Available	Days Available	Service Type	Tank Selection	Operable	Remarks
Select One	A	10000000	7878544	5	Select One	☒ N/A	Yes	Fuel farm. This represent 5
Select One	Select One	10000	8249		Tank	☐ Self Service ☒ Generator	Yes	Midfield Fuel Tanks
Select One	Select One	10000	7493		Tank	☐ Self Service ☒ Generator	Yes	Midfield Fuel Tanks
Select One	Select One	10000	4294		Tank	☐ Self Service ☒ Generator	Yes	West Cargo Fuel Tanks Rec
Select One	Select One	10000	9351		Tank	☐ Self Service ☒ Generator	Yes	Hurricane unleaded Fuel Ta

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FAD Info

Fuel Delivery

FBO	Type	Method of Delivery	Pipeline/Port	Status	Remarks
Signature Flight Support	A	Select One		Select One	
Signature Flight Support	100LL	Select One		Select One	

Airfield Condition

Runways

08R/26L

Open

09/27

Open

12/30

Open

08L/26R

Open

ARFF Status

Index E

Power & Lighting Status

Airfield

Commercial Power

Fuel Farms/FBO's

Commercial Power

Terminal Building

Commercial Power

Airport Staffing

Operations

100 %

Maintenance

100 %

Air Carrier Operations Status

Operations Normal

Air Traffic Control Tower Status

Open

Damage Assessment

Select Disaster

Hurricane Nicole

Description of Damage	Priority	Total Cost	Resolution	Associated Projects
Save				

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Reporting

- **The Airports report their status to the FAA Southern Region**
- **The FAA Southern Region reports status of airports to:**
 - FAA National HQ Emergency Operations
 - The “Crisis Response Working Group”

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Reporting

- **FAA HQ Reports information to:**
 - FAA Administrator
 - Secretary of Transportation
 - Reports to the U.S. President
 - Federal Emergency Agency (FEMA)
 - Reports to Secretary of Homeland Security

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SEADOG/WESTDOG

- “Southeast Airports Disaster Operations Group”
- “Western Airports Disaster Operations Group”
- A volunteer peer support organization formed as a “grassroots” support group

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Recommendations

Plan Ahead

- Don't wait for the disaster
- Ensure your plan is coordinated with your local mutual aid responders
- Practice your plan to work out issues
 - Expect the unexpected

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Recommendations

Plan Ahead

- **Ensure the airport emergency supplies are in place**
- **Inventory supplies in the off-season to make certain your staff is covered**
 - Is your airport a designated shelter?

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Recommendations

Prepare status Reports

- **Your government will want to know your status...**
 - Runways open? Airfield lighting? RFF?
 - Fuel Available
 - Power supply (Commercial/Generator)

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Preparation



**HOPE
IS NOT A GOOD PLAN**

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Any Questions?

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