



# IFATCA Americas Disaster Preparedness Committee (AMA DPC)

OCTOBER 2024

# Agenda

- ▶ Introduction
- ▶ DPC Committee
  - ▶ New Members
- ▶ Disasters Overview
- ▶ Emergency Response Cycle
- ▶ Mitigation and Preparedness Forum
- ▶ Questions



# Tom Flanary

## Education:

- ▶ Ronald McNair Scholar, Bachelor of Science in Aeronautics, Embry-Riddle Daytona Beach - 2009
  - ▶ Air Traffic Management, Meteorology, Homeland Security
- ▶ Police Officer Standards Training (POST) Certified, 2006
- ▶ Instrument Rated Pilot
- ▶ Author, Embry Riddle's Comprehensive Emergency Management Plan

## Career:

- ▶ NATCA Collaboration Representative 2021-
- ▶ NATCA Disaster Response Committee Chair 2018-
- ▶ Miami ARTCC NATCA Rep 2013-2021
- ▶ Miami ARTCC Controller 2011-
- ▶ State Police 2011-2024
- ▶ Daytona Beach Police 2006-2011



# Disasters are unavoidable, you can only prepare for them.

- ▶ Over the last 50 years:
  - ▶ Disaster frequency has increased **5x**.
  - ▶ Economic cost of disasters has increased **7x**.
  - ▶ **9 out of 10 deaths** occur in developing countries.



# NATCA's DRC



# NATCA's Disaster Response Committee

Founded in 2018 to:

...assist NATCA members and their families in preparation for, and recovery from, natural disasters or man-made events that significantly affect their lives...



The quicker the Controllers can return to **normal**, the quicker the airport returns to **normal**, the quicker the city returns to **normal**.

A satellite view of the Earth, showing the Americas and surrounding oceans. A solid lime green vertical bar is positioned in the top right corner of the image.

# Bringing Disaster Response to IFATCA Americas

# Meet Our Committee Members

USA	NATCA	Tom Flanary
Peru	SUCTA	Alessandra Stephanie Ortega Paima
Mexico	COCTAM	Ulises Pedraza Gonzalez
Mexico	COCTAM	Mariana Hernández
Bahamas	BATCU	Lorenzo Carroll
Bahamas	BATCU	Arnoldette "Annie" Pierre
Dominican Republic	ADCA	El-Kadur Acosta
St. Lucia	SLATCA	Maritha Gibbs



# What disasters do we face?

- Hurricanes
- Volcanoes
- Floods
- Earthquakes
- Diseases
- Drought
- Wildfires
- Tornadoes
- Tsunami
- Power Outage
- Civil Unrest
- House Fires
- Severe Storm
- Lightning Strike
- Winter Storm
- Avalanche
- Nuclear Meltdown
- Arson
- Other...

## Overview of Emergency Response Phases

- ▶ The 4 Phases of Emergency Response:
- ▶ **Mitigation**
- ▶ **Preparedness**
- ▶ **Response**
- ▶ **Recovery**



# A Focus on Mitigation and Preparedness

## Mitigation

- ▶ Think of Mitigation as “Prevention”
- ▶ Meaning: To prevent future emergencies and take steps to minimize their effects.

How can we mitigate disasters?

# Preparedness

- ▶ To take actions ahead of time to be ready for an emergency.
- ▶ An organization must attempt to understand how a disaster might affect its members and develop a plan for response and recovery.

How can we prepare for disasters?

# Preparedness

- ▶ Training
- ▶ Awareness
- ▶ Educating Members on how to respond to a Disaster
- ▶ Updating membership Databases
- ▶ Membership Emergency Contact information
- ▶ Stockpiling resources (if able)
- ▶ And More...

# ARE YOU PREPARED FOR A POWER OUTAGE?



FLASHLIGHT



BATTERY/  
SOLAR  
POWERED  
PHONE  
CHARGER

FIRST AID

BATTERY/  
HAND-CRANK  
POWERED  
RADIO

SPARE  
BATTERIES

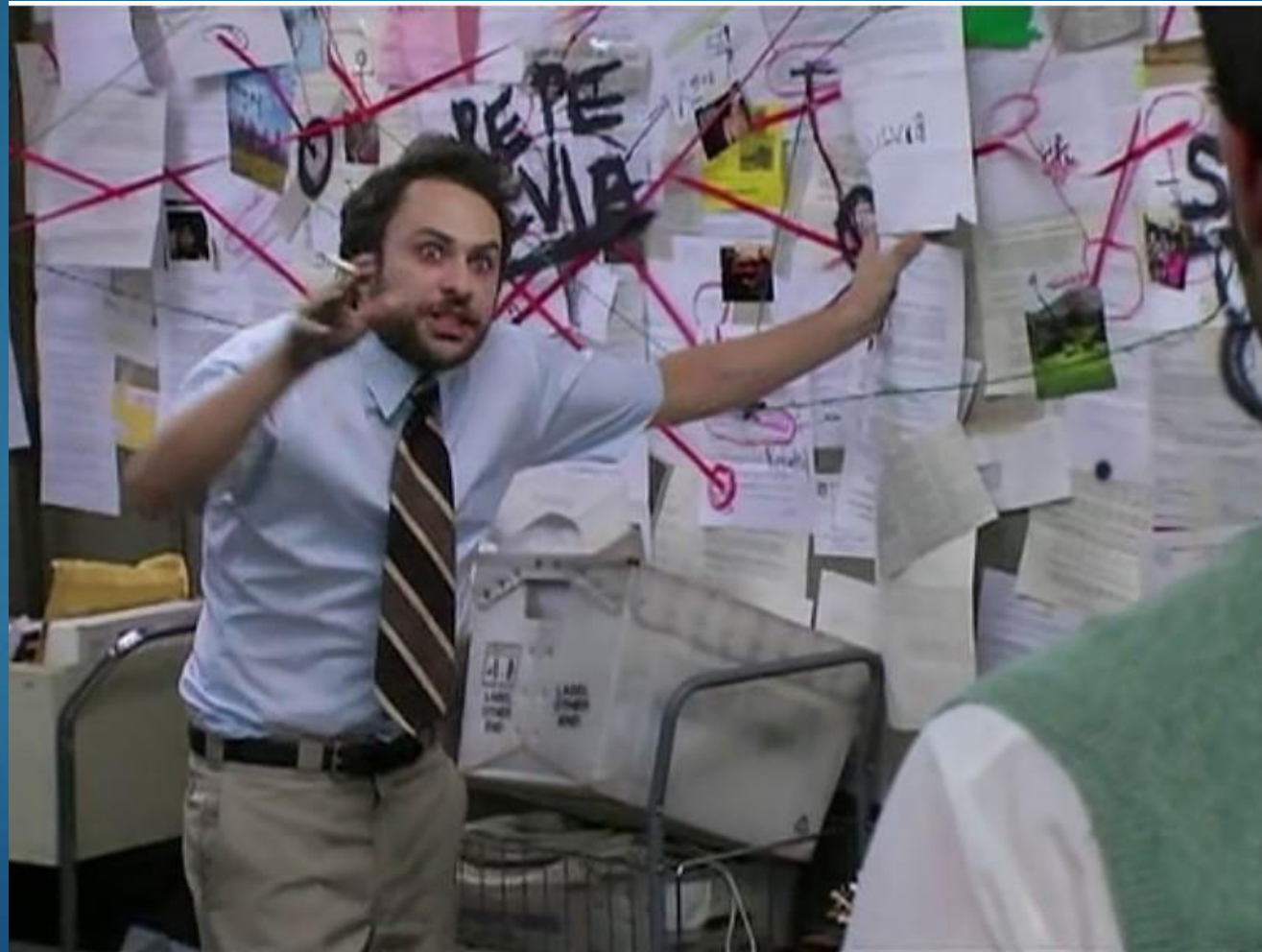



AT LEAST 3 DAY  
WATER SUPPLY  
AND FOOD SUPPLY

Ready

Ready

# How to start your own Disaster Response Group:





# Start with 3 things:

- ▶ Create a small team or appoint a member that is **very passionate** about helping others.
- ▶ Create a list of facilities & addresses
- ▶ Create a membership list with emergency contact information

Tell us who you've chosen for the first step, and who you've tasked.

# Questions?

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