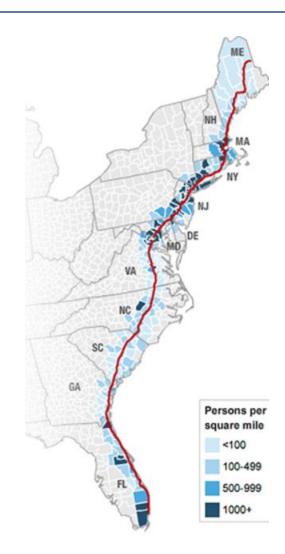
## **I95 Corridor Coalition TTX**

Exercise Briefing April 11, 2019





#### Welcome and Overview

#### **Chris Grazioso**

- Facilitator
- Mass DOT Aeronautics

#### **Faine Greenwood**

- Evaluator
- MassDOT Aeronautics



#### **Exercise Overview**

#### **Exercise Scope**

Brief table top exercise and facilitated discussion.

#### **Mission Area**

Simulated incident at the NH/MA border.



## Objectives and Core Capabilities

#### **Planning**

Provide members of the I95 Coalition with a means to work together prior to a real incident.

#### **Information Sharing**

Provide members with a way to share policy/procedure/best practices on integrating drone technology into their emergency operations.



## Participant Roles and Responsibilities

- Players: Respond to situation presented based on current plans, policies, and procedures.
- Observers: Support players in developing responses, but do not participate in moderated discussion.
- Facilitators: Provide situation updates and moderate discussions.
- Evaluators: Observe and document player discussions.



#### **Exercise Structure**

- 5 min Introductions and exercise overview focusing on cross border integration of drones in your response activities.
- 10 min Module 1 (discussion and report back)
- 10 min Module 2 (discussion and report back)
- 10 min Module 3 (time permitting)
- 10 min "Hot Wash" (After-action discussion)



#### **Exercise Guidelines**

- This is an open, low-stress, no-fault environment.
  Varying viewpoints and even disagreements, are to be expected.
- Base your responses to exercise questions on the current plans and capabilities of your organization.
- Decisions are not precedent setting. Consider different approaches to problems and suggest improvements.
- Focus on problem solving, not issue identification: provide suggestions and recommended actions that could improve cross border efforts.



## Assumptions and Artificialities

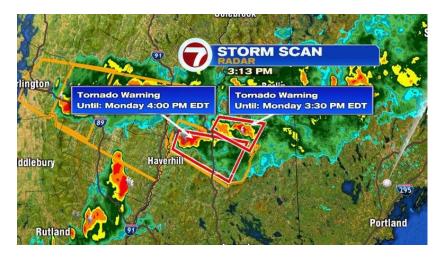
- The exercise is conducted in a no-fault learning environment wherein individual and organizational capabilities, plans, systems, and processes will be evaluated
- The exercise scenario is plausible, and events occur as they are presented
- All players receive information about the scenario at the same time.



It's 3:00 pm on a July afternoon. You receive a weather alert on your phone for a severe thunderstorm warning. Doppler radar is showing a line of storms heading toward your service area.

Approximately 15 minutes later, your phone alerts you of a tornado warning. Local media is reporting that residents have called 911 reporting funnel cloud sightings.

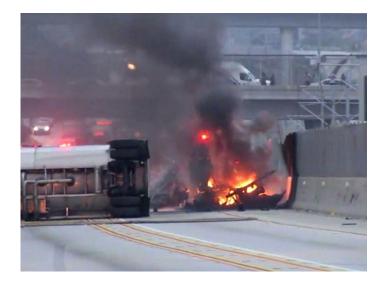




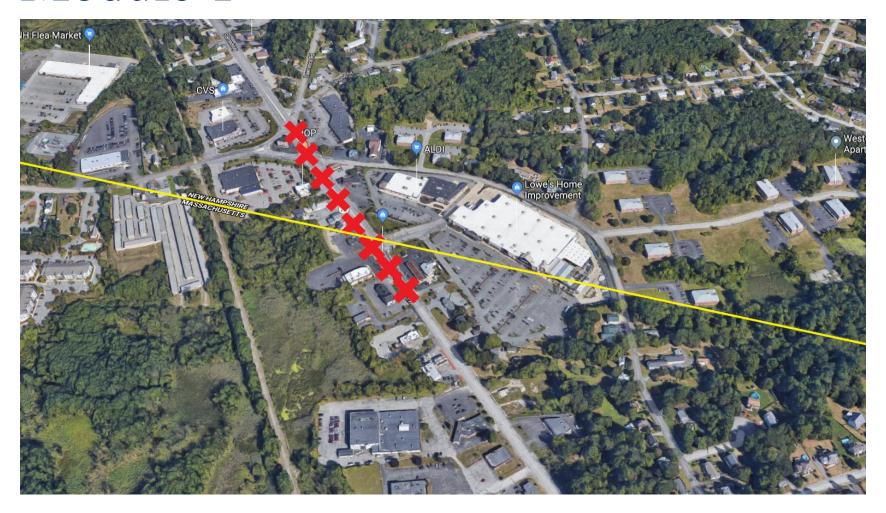


Your dispatch center reports multiple calls from the south end of Route at 28 South Broadway in Salem, NH, close to the NH/MA border. Callers are reporting that a tornado has touched down in the area. As you approach the scene, you find the road shut down due to what appears to be dozens of cars in a pile up, blocking access. In the distance, you can see a large fire in the road with lots of thick, black smoke.









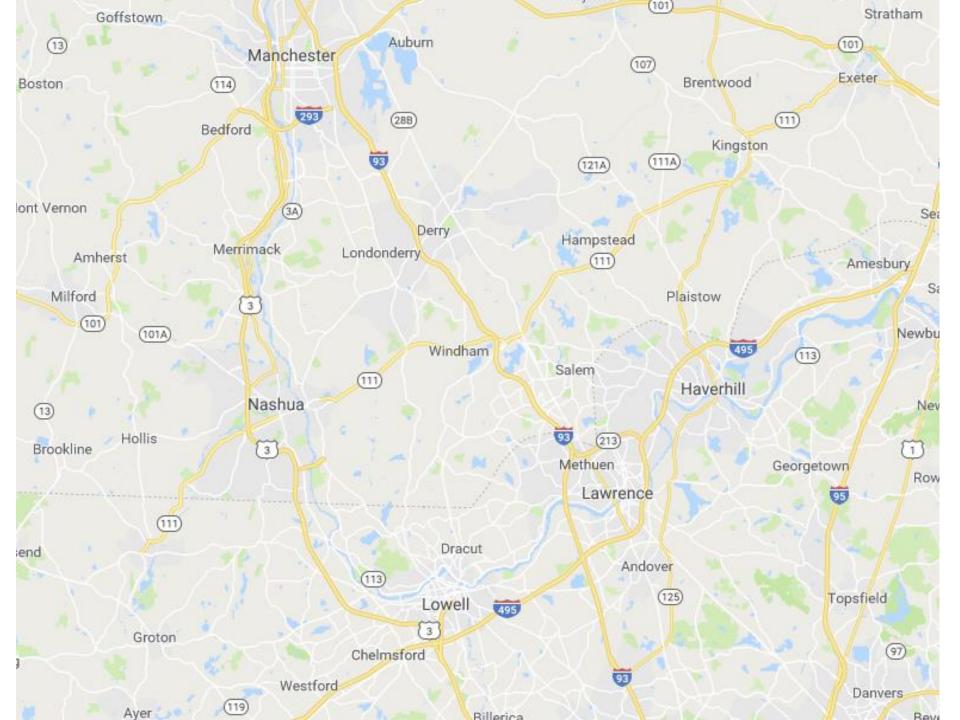


#### Briefly discuss your initial actions/priorities.

Who has command of the situation?

- What other agencies would you call in or notify?
- What challenges may you encounter due to this incident occurring on a town(Methuen)/state line?





The Salem FD Deputy Chief mentions that he has a Mavic 2 Enterprise in his vehicle.

- Could it be of any use now? Why or why not?
- Can you fly legally in this situation? Discuss.
- How can you direct resources to the scene of the incident from where you are?





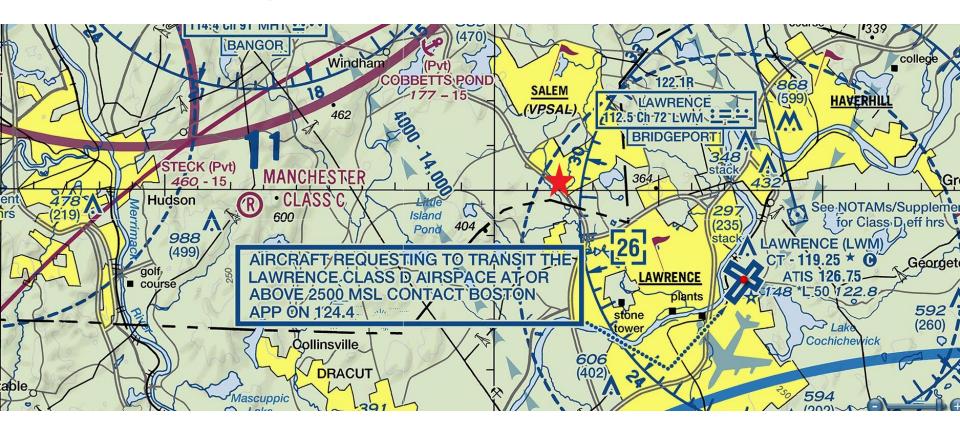
#### Module 1: Discussion

Take 5 minutes to discuss the scenario.



## Module 1: Discussion

## Any concerns or questions?





- •The initial drone reconnaissance finds that the Lowes Hardware Store on 541 South Broadway has taken a direct hit.
- •There is significant damage to the building and to cars in the lot. Bystanders and employees report that several people are not accounted for. There is thin white smoke coming from the garden section of the building.







#### **Questions to Focus On**

Briefly discuss your new actions/priorities.

- Should you make any changes in command?
  - What other agencies would you call in?
  - Would you send personnel in to the scene?



A bystander approaches the yellow tape and offers his drone services to your agency.

- How should you handle this?
- What factors should you take into account?





There are several media helicopters over the scene. As a drone user, how might you coordinate and deconflict the airspace?







The newly formed multi-discipline Northeastern MA regional drone team arrives on the scene with a DJI Matrice 210 with a Z30 and XT2. They also have a supply of batteries for your Mavic 2 Enterprise and a command post to view drone live feeds.

Would either aircraft be of any use now? Examples? Any prior training?







#### Module 2: Discussion

Take 5 minutes to discuss the scenario.



It's several hours later. There are now 23 confirmed fatalities between the pile-up on Route 28 and Lowes. Members of the local government are starting to complain about Route 28 being shut down. A local politician asks: "Why can't you just tow the cars away and get things back to normal?"









#### **Questions to Focus On**

Briefly discuss your new actions/priorities.

- Any changes in command now?
- Any other agencies you might call in?
- How will you address the government officials?
- What will you do to document the scene by drone?
- What would you do with all the data obtained by the drone?



#### Module 3: Discussion

Take 5 minutes to discuss the scenario.



#### Hot Wash

- What do we need to work on?
- What are some things we can all bring back to our home agencies from this exercise?
  - Do you have any other questions or suggestions?

An email summarizing this event will be sent to players within the next week.



# **Closing Comments**



