



# UAS FIRE AND HAZMAT RESPONSE TRAINING

## Course Schedule - time reflects 2 on 1 instruction

### Day 1

**Learning Objectives:** Students will become familiar with DJI's M210 platform while developing basic UAS controllability skills by performing basic, intermediate, and advanced flight maneuvers using both right and left sticks, culminating in a Solo flight.

9:00 AM	Ground- (PowerPoint) Part 107 highlights NFPA 2400 Aircraft/personal documents Aircraft safety Aircraft systems M210 aircraft systems DJI Pilot App M210 sensor options
11:00 AM	Lunch Provided
12:00 PM	Travel to location/ Set up
1:00 PM	EP 1 Basic/intermediate/advanced maneuvers over cones
3:00 PM	EP 2 Basic/intermediate/advanced maneuvers over cones
4:00 PM	EP 3 Solo
5:00 PM	Travel back to H600 and Adjourn

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## Day 2

**Learning Objectives:** Students will continue to develop their basic, intermediate and advanced flight maneuvers learned from the previous day's lessons. Students will be introduced to crew/ single pilot resource management.

8:00 AM	Travel to Location/ set up
9:00 AM	EP 4 NIST Buckets (2 batteries) Short Bucket Trees (battery 1) Tall Bucket Trees (battery 2)
11:00 PM	Lunch – Thermal Basics
12:00 PM	Scenario Rotation (CCTC) (2 batteries) Hazmat – Target ID (Highway Accident) Building Size up – Target ID (Structure Fire)
2:00 PM	SAR Setup and Discussion (CCTC)
2:30 PM	SAR/ROS Flights (2 batteries) Each crew will rotate through the stations once

## Day 3:

**Learning Objectives:** Students will use skills obtained in prior day for hazmat and size up/hotspot situations. Students will continue to develop single/ crew resource management and good aeronautical decision-making skills. Students will also become familiar with night flight physiology and overcoming visual illusions during night operations. *Start/End Times Determined by Sunset Time*

One Hour -	Travel to Location, Setup
Two hours -	Culminating Event Hazmat Train Derailment Event (Two flights per person, per crew role)
One Hour -	Dinner Part 107 vs Public ops, SGI process (during dinner)
Half Hour -	Night Setup
One Hour -	Night EP
One and a half hour -	SAR Night Cones  Pack, Travel to H600