



STUDENT WORKBOOK

UAS - Unmanned Aircraft Systems & Drones

Overview:

This module is intended to give an overview on Drones entering restricted airspace on an incident and the use of UAS's on incidents.

Activity Instructions:

Watch the UAS/Drones video on the WFSTAR site. Discuss in small groups or as a class the questions below. If done in groups share with the class.

Activity

Working on the fireline demands the undivided attention of our senses. We need to know what's behind, below, in front and above us. It's important we also develop the skill set to anticipate events before they occur.

Imagine you're heading to an incident, what are some details worth noting that could play a factor increasing the likelihood an unauthorized drone may enter the restricted airspace?

Examples: proximity to residences, visually stunning – extreme fire behavior.

Scenario: You and your crew are cutting direct fireline on an active fire edge in an urban interface area. You have two helicopters working with the crew. The helicopters are critical in cooling the edge in front of the crew and holding behind you. As you are checking the wind you see something small in the air. You think it is an unauthorized drone...

- What do you do? Who do you contact? What are the priorities?
- If aircraft are grounded over the incident, how will this affect your crew's hot line construction?
- What if a medical emergency occurs that requires the use of a helicopter extraction?
- How do you think *authorized* UAS's and Drones will be utilized on wildfires five years from now?

Please submit feedback for the 2016 Fire Refresher using this QR code or the following link:

<https://goo.gl/iodnlr>

