



# INTRO TO DRONES COURSE:

Opportunities, Careers, and FAA Certification Readiness

Part 107 Test Prep | Lesson 1 | Group Exercise

## Group Exercise: Legal or Not Flights

### OVERVIEW

Estimated Time: 20-30 minutes

#### Instructions

- Break into groups
- Create 5 flight scenarios and determine whether or not that flight is legal under Part 107 regulations. Try to stump your classmates.

#### Example #1:

##### Scenario:

At 10:55 PM (not in Alaska), a realtor is flying a 2-pound drone that is properly registered 300' above the ground in uncontrolled airspace with anti-collision lights in dense fog. Legal or illegal? Why?

##### Solution:

The following makes the entire flight **illegal**:

Dense fog implies less than 3 statute miles of visibility

The following would have been legal except for the visibility problem:

Flying at night with anti-collision lights  
300' AGL in uncontrolled airspace

The following may not be legal:

If the purpose of the flight is commercial, the realtor would need to be licensed  
But we don't know if it is commercial or if the realtor is licensed

**Example #2:**

Scenario:

At noon, a 14-year-old pilot is flying an unregistered drone that weighs ½ pound (0.5 pound) to take pictures of a neighbor's house that will be going on sale next week. The neighbor agreed to buy lots of cookies from the pilot to support the pilot's flight school.

Solution:

The following make the flight **illegal**:

This flight would be considered commercial since the pilot will be receiving compensation (however indirect) for the flight.

If it's a commercial flight, the drone would need to be registered even though it weighs .55 pounds or less.

The pilot cannot hold a Part 107 certificate because you have to be 16 years old to hold a Part 107 certificate.