

AVI 1200

Name: _____

We know from previous experiences that in order to see into the canopy of a wooded area with the thermal drone, we must have minimal leaves on the trees. Before flying, ensure there is minimal leaf cover.

In conjunction with Johnny Appleseed Metro Park District, we desire to complete a survey of the deer population in the area around Kendrick Woods. This will be completed with the Mavic 3T drone.

Create a flight path with drone deploy over a wooded area in the Kendrick Woods park. Make it at least 10 acres with a flight at 400 feet.

Prior to programmed flight at the park, let's use the drone to simply "proof-of-concept" this deer survey idea. Using the Mavic 3T drone, fly manually over some of the park to see if you can spot a deer in the woods and take a picture of it.

Fly the pre-created flight path and submit the images for processing.

Can you see any deer on the post-processed image? How many?

Were there any issues you ran into when looking at this image? Was it clear to pinpoint deer from other objects?

Is this a practical way to survey the number of deer in a given area? Why or why not?

JAMP is considering purchasing a Mavic 3T for this purpose. Would you recommend this? Why or why not?