

AVI 1200

Name: _____

One of the most common ways to add accuracy to drone mapping imagery is Ground Control Points (GCP's). In this lab, we will add GCP's to the ground, collect their points, and add them to the drone deploy map.

What instances in agriculture would we want to use GCP's?

What specialized equipment is required to utilize GCP's?

How many GCP's should we add to our field, and what information do we need to collect for each one?

Using the small acreage at the Rhodes farm, let's deploy 5 GCP's, collect their information, and post-process them on our map. After watching the drone deploy video on GCP application, place 5 GCP's and collect their GPS information using the trimble survey stake.

Plan a flight path on Drone Deploy that encompasses all of these points and fly at an appropriate height.

Upload these images for post-processing and go through the steps to correct GCP errors in Drone Deploy.