EWB AgriDrones Navigation Meeting 10/1/2017

Todays meeting will involve getting into groups and thinking about the problem we are trying to solve.

To familiarize you with the problem, we will break up into teams and develop algorithms for solving these problems. The picture above is of a "field" that our drone is trying to survey. We have given the drone the four points as inputs. We want to find points for the drone to fly to and take pictures of the field based off of these four red points given. Please get into groups of two or three and develop an algorithm to find the points that the drone should fly to and take pictures. Then take into account the order at which this drone will fly to these points and find the best path for it to fly.

This is a very open ended assignment and any algorithm that is well specified could be considered a solution. I briefly went over my algorithm for solving this last week but you should only draw inspiration from that algorithm. There are many ways to solve this problem. Please be creative and have a good time.

Also, NO PROGRAMMING ALLOWED. Do all of this on paper of drawn out. Feel free to use the white board or anything else in the room.