H.A.M.S WILL SEEK OUT TO ESTABLISH A CENTRALIZED GOVERNMENT AGENCY DEDICATED TO FERAL HOG MANAGEMENT TO REDUCE WASTEFUL USE OF RESOURCES

HOG AERIAL MITIGATION SYSTEM

Why are feral hogs a problem?

-Hogs cost the U.S $1.5 billion annually in agricultural damage and management costs.

-Hogs host more than 30 diseases and 40 types of parasites which if an outbreak were to occur would potentially cause billions of dollars worth of damage to livestock.

-Population of hogs from 2000 to 2023 has risen by 15 million

Hogs become difficult to manage in forests; in order to address this issue our system presents a cutting edge aviation solution to this pressing issue

4) T.U.S.C will be deployed by H.A.W.G.S which utilize autonomous flight to search for the sounder while leveraging thermals (rising columns of warm air) to extend flight time. When the T.U.S.C identifies the sounder it will send an image to H.A.W.G.S and have them confirm the sighting.

2) Once the land owner is connected to B.A.C.O.N information about the report and location will be given. B.A.C.O.N also holds storage depots that hold the vehicle and equipment for H.A.M.S, once the call is concluded H.A.M.S will be deployed.

3) H.A.M.S will receive the information related to the hog sighting and will deploy to their location and set up a HAWGS,which includes communication for the system, generators, drones, solar panels and hardware for data processing.

6) H.A.M.S will utilize already existing methods of hog management such as ground shooting, aerial gunning and traps to exterminate the sounders. The method is selected by hog management experts and is dependent on the area and size of the sounder.

1) Land owners report hog sightings by calling the B.A.C.O.N hotline and get connected to your local B.A.C.O.N.

5) If the sighting is confirmed, M.U.D.S.S will utilize technology that includes obstacle avoidance and autonomous flight in order to create a flight formation around the sounder. M.U.D.S.S will use sonic devices to flush sounders out of inaccessible areas into a place with traps.