

## CGI-Uncrewed Aerial Systems Imagery Acquisition

### Responsibilities and Procedures

- State Point of Contact (POC)
  - Completes the uncrewed aerial systems (UAS) request form checklist to gather required information
  - Identifies a local NRCS POC who will assist in the data collection. The local POC is typically the end-user in the requesting office or Service Center (e.g., district conservationist, engineer, soil conservationist)
  - Coordinates the completion of landowner access permission form (APHIS form 12A)
  - Submits a UAS imagery request for each project area through the Survey123 form
- Local NRCS POC (e.g., district conservationist, planner, engineer)
  - Obtains landowner access permission by filling out the following fields in the [\(APHIS form 12A\)](#)
    - Box 2: check box “New”
    - Box 3A: check box “Private Property”
    - Box 11: Fill the county field with the county that the land resides in, the Property field with the land owner or property name, the Land Class field with "Private," and the Acre field with the number of acres being accessed"
    - Box 20B: Obtain land owners signature
    - Box 21A: Obtain signature of NRCS representative requesting access
    - Box 21C: Enter date signed
  - Facilitates landowner relations
  - Provides onsite assistance during data collection
- The Animal Plant Health Inspection Service (APHIS) will contact the local NRCS POC to coordinate data collection schedule
- Data Delivery
  - APHIS will upload the imagery to Site Scan and supply a URL to the local NRCS POC and FPAC Geospatial Enterprise Operations (GEO)
  - FPAC GEO and NRCS are responsible for all post-processing, including generation of imagery mosaics and photogrammetric digital elevation models (DEM)
  - All post-processing occurs within ESRI’s Site Scan software
  - APHIS may be able to supply mosaics or assist on per project basis
- Data Download
  - Data will be downloaded through the Site Scan URL provided by APHIS
  - Downloads are limited to imagery mosaics and DEM, if applicable, and targeted raw image tiles only when necessary
  - Projects requiring an entire data package, including all raw tiles, will need special arrangements