



HALEY WARD

ENGINEERING | ENVIRONMENTAL | SURVEYING

Drone Services: Cutting edge technology. Local service.

Through the use of the drone, we can assist clients with a whole new **perspective** on your project ranging from simple aerial photos and videos (for presentation or marketing purposes) to georeferenced orthophotos and detailed point clouds (suitable for site surveys, volume calculations, construction inspection/monitoring, etc.).

Uses

- Volume survey
- Track ongoing construction progress
- Assess large building conditions
- High resolution aerial photos
- Topographic surveys and mapping for increased data capture and the inclusion of an up-to-date, high resolution aerial image
- Aerial monitoring using high resolution photos and videos

Is This Right for Your Project?

Certain criteria need to be considered:

- Airspace Classification
- Density of site vegetation
- Weather conditions (light breeze is ok; hurricane is not ok)

What We Have

DJI Phantom 4 Quadcopter:

- The ability to hover over a point of interest, providing a stable platform to gather detailed imagery
- Stabilized 20MP camera
- Tablet computer ground station
- 4 FAA Part 107 sUAS pilots

Advantages

- Cost-effective collection of large amount of survey data in a short amount of time
- Reduces need for return trips and supports potential additional services
- Current View: Provides overall record of existing conditions, beyond just the typical survey features
- Safety: Provides remote access to out-of-the-way and/or dangerous sites
- Interesting deliverables: low altitude orthophotos and 3D digital models

Representative Clients

- Town of Baileyville
- Guptill Logging
- Maine Property Holdings
- Pleasant River Lumber Co.
- Town of Orono
- Daaquam Lumber - Masardis Maibec
- Michael Williams
- Downeast Lakes Land Trust
- Farrell, Rosenblatt, & Russell
- Cobscook Shores
- Rosecliff, LLC
- AIM Development Landfill
- Town of Greenbush
- Ringing Point, LLC
- Town of Dover-Foxcroft
- City of Presque Isle
- Worcester Holdings, LLC
- Town of Milbridge
- Irving Forest Products - Ashland Sawmill
- ReEnergy Stratton
- Stratton Lumber
- Machias Savings Bank
- Huber Engineered Woods
- Good Shepherd Food Bank
- Town of Baileyville CDD Landfill
- AIM Development Landfill
- Emera
- Whole Oceans, LLC
- RH Foster
- Maine Workforce Housing
- Town of East Millinocket
- Pleasant River Lumber Co.