

NORTH AMERICAN LAND TRUST



THE UNMANNED AERIAL VEHICLE (UAV)

Drone Monitoring

North American Land Trust is excited to announce a new development in our land monitoring:
The Unmanned Aerial Vehicle (UAV)

CONSERVATION & DRONES

North American Land Trust (NALT) is deploying state of the art instruments to assist with our annual monitoring of Conservation Easements. Our goal is to enhance our ability to view property and its varied natural and man-made features, as well as support the development of Baseline Documentation for new Conservation Easements.

You, the landowner, are our partner in conservation and we want to share these new developments with you. As always, we prefer to meet with you or your representative in person when we make our annual visit to your conserved property. And we encourage you to join and watch us employ this technology in action if you like!

In addition, if you are interested in obtaining an aerial video of your property, we can offer an edited version of the flight that features three minutes of highlights as our thank you for your charitable gift to our Stewardship Fund of \$250 or more.

WHAT TO EXPECT FROM US

- We will let you know whether your regular monitoring visit will include aerial monitoring.
- We will complete a more thorough monitoring of your property in less time.
- We will spend more of our time with you discussing any property management questions you may have.
- We will only use licensed and insured pilots, including two NALT biologists.
- We will always keep the UAV within visual line of sight of pilot, or with aid of an observer.
- We will typically fly between 100-300 feet, perhaps lower in an open field but higher where there are trees, buildings, towers or other structures on the property. Max height is 400 feet.
- We will comply with all federal and state laws.

WHAT NOT TO WORRY ABOUT

- We will not fly below 100 feet in elevation, unless required under special circumstances, in which case we will be sure to notify you.
- We will not intentionally fly over people.
- We will not fly over your neighbors' property without notifying them.
- We will not fly when it's raining, snowing or very windy. If we schedule a visit to aerially inspect a property, we may need to reschedule due to weather-related issues.
- We will not use video of your property in any publicity without your permission.
- We will not sell video of your property.

WHAT IS A UAV?

Unmanned Aerial Vehicles are also called drones, and they are controlled by a licensed pilot, launched and landed from property where NALT has the right or permission to launch.

Powered by four helicopter-like blades, this vehicle carries a high resolution (4k) video camera mounted on a gimbal that provides a very steady picture. The flight plan is either pre-programmed, or the pilot operates using a hand-held device paired with a cellular phone or tablet. We'd be happy to show you how we use the UAV when we come to monitor your property.

Federal regulations are evolving, but the Federal Aviation Administration (FAA) has established interim guidance that controls where and how UAVs may be operated. NALT abides by all federal and state law.



HAVE QUESTIONS?

Contact NALT Stewardship Director Steven Carter at (610) 388-3670 or by email at SCarter@nalt.org.

