

Complete Aerial UAV and Digital Imaging Services



PICKETT
PRECISION AERIAL SURVEYS

Established more than 50 years ago, Pickett is a leader in the business of land surveying. Over the last 20 years, we have been running airborne operations and building an outstanding reputation in the aerial mapping field. In 2015, Pickett received an FAA Section 333 exemption, and currently complies with FAA Part 107 regulations, to provide Unmanned Aerial Systems (UAS) services commercially.



Pickett embraces advanced technologies. We developed a system for capturing and processing imagery using Unmanned Aerial Vehicles (UAVs) outfitted with a high-resolution digital camera. This provides additional, affordable capabilities to augment our aerial mapping services.

Our UAS services are employed for video documentation, imaging, mapping and inspection of mining operations, power utilities, solid waste facilities, farmlands and various small to medium sites.



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For decades, we have accommodated the stringent technical requirements of even the most complex projects efficiently, cost-effectively, and on schedule. In 1995, we began flight operations to augment our expert ground survey capabilities. In fact, Pickett was one of the first surveying firms to integrate a complete photogrammetric mapping and flight operation into its surveying business.

Our UAS offerings include video inspection, documentation of utilities, power lines, farmland, site imaging for insurance purposes, or for topographic mapping and/or area computations. Our UAVs are specifically suited for focused or overall site video and image acquisition.

Leveraging our decades of experience in aerial imaging and mapping, Pickett researched and invested in Unmanned Aerial Systems (UAS). UAS is the obvious next-generation solution for mapping and inspecting property and infrastructure. Our Unmanned Aerial Vehicles (UAVs) are FAA approved and have been integrated into our business in accordance with current regulations.

In conjunction with our land survey services, Pickett can provide all of your inspecting, surveying, mapping and imaging needs. Boundary surveys, feature location, area computations, video inspection, and georeferenced imagery are just a handful of the services Pickett can deliver in our clients' preferred format.



Industry Functions

- Utilities and infrastructure inspection
- Inventory documentation
- Topographic mapping
- Production planning
- Farmland management
- Material volumetrics
- GIS base mapping/imagery
- Videography

Services and Deliverables

- Data acquisition
- Edited video files
- Georeferenced imagery
- Digital ground surface models
 - Digital terrain models (DTM)
 - Digital elevation models (DEM)
 - Raster DEM
- Contour generation
- Topographic maps
- Volume computations
- Orthorectified imagery
- Yield maps

Learn more about how Pickett can help you
by visiting www.pickettusa.com
or calling 863.519.0032