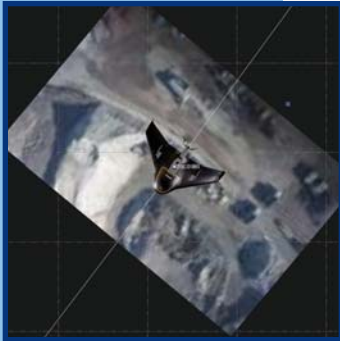


Aerial Imaging Services



An important aspect of Skelly and Loy, Inc.'s continuing ability to provide efficient and high quality services to our clients is our commitment to employing the latest digital software and hardware applications in our work. The most recent example of this strategy is the addition of unmanned aerial vehicle (UAV), also referred to as "drone," technology to our surveying "tool chest," greatly enhancing Skelly and Loy's capacity to provide cost-effective mapping solutions for a wide range of projects.

Skelly and Loy acquired the Trimble UX5 Aerial Imaging Rover, a portable aerial mapping platform offering significant schedule and budget efficiency and safety advantages over terrestrial survey methods. The UX5 provides the ability to produce end-products including the following.

- High resolution aerial photographs
- Colorized point cloud
- Digital surface models (DSM)
- Topographic mapping
- TIN files for use in design software package

These deliverables can be employed in a wide variety of

engineering and environmental applications, including the following.

- Engineering design base mapping
- Land cover mapping
- 3-D models
- Permit compliance inspections

To assure our ability to provide clients with the highest quality products, Skelly and Loy's Technical Services staff has been field- and office-trained by Trimble representatives in UX5 applications.

Quick Facts:

- Flight heights of between 250 and 400 feet above ground level
- Ability to map up to 400 acres in a single 50-minute flight
- Ground sampling distances as small as 0.80 inch
- Produces mapping that meets National Map Accuracy Standard for 50-foot scale mapping

In addition to the UX5, Skelly and Loy plans to add a vertical takeoff UAV to its fleet during the first quarter of 2016.

For More Information Contact

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Skelly and Loy holds a required FAA Section 333 UAV Commercial Pilot Authorization and is obligated to operate our UAVs in accordance with federal regulations. As a professional engineering and environmental consulting firm, we are fully committed to respecting rights of property owners who might be in the flight path. We meet these obligations and commitments by carefully planning, coordinating, and communicating all planned flights with all interested parties.



Aerial Imaging Services

