



Aerotec Transmission Line Laser-Scan Services

Aerotec provides laser-scan data capture and modeling of existing transmission lines and produces engineering models, plan and profile drawings, and specialized analyses of those transmission lines. Deliverables include electronic copies of engineering models, electronic and/or hard copies of plan and profile drawings, videotapes and/or DVDs of the line right-of-way, documentation of weather data at the control information.

Aerotec's laser-scan surveys accurately and economically capture:

- Terrain profiles and digital elevation models
- Topographical and physical features
- Transmission structure locations
- Conductor attachment points
- Vegetation location and heights
- Weather and conductor loading data
- Features and obstacles

Aerotec's engineering models are produced using standard modeling software including:

- PLS-CADD
- PoleCAD
- TLPRO

Aerotec's plan and profile drawings are produced using:

- AutoCAD
- Microstation