



## *Aerotec Danger Tree Analysis*

Aerotec offers transmission line danger tree analysis which uses laser-scan data and analytical modeling to identify and precisely locate trees that may fall into or otherwise contact a transmission line conductor. In addition to using this analysis for routine tree-trimming operations, it is also useful in developing a long-term vegetation management plan.

Aerotec's danger tree analysis identifies danger trees by :

- Modeling transmission line conductors
- At ambient data capture conditions
- At elevated operating temperatures
- At maximum blowout
- Determineing precise tree locations and heights
- Simulating individual trees falling towards conductors
- Applying utility-specific danger tree criteria

The benefits of Aerotec's danger tree analysis include:

- Greater speed and accuracy
- Reduced cost
- Enhanced danger tree management
- More proactive outage prevention
- More proactive forest fire prevention
- Reduced liability involving tree

Aerotec's danger tree analysis results can be presented as:

- Hard copy plan and profile drawings
- Electronic copy plan and profile drawings
- Tabular list with station and offset
- Tabular list with GPS locations