Complexity Guide

**Hazards are Minimal, Static, and Understood**
- Known Low Release of Energy
- Fell to any lay
- Clear Escape Paths
- Simple Binds
- Moderately Sloping Ground

**Composition**
- Static Hazards

**Qualification**
- If YES, Proceed

**Hazards are Numerous, Dynamic, Not Understood and/or Unstable**
- Release of Energy Known but May Require Series of Cuts
- 1”-2” Lift to Overcome Lean
- Fire Present
- Dynamic Hazards
- Escape Path or Cover Limited
- Compromised Hinge
- Multiple Compound Binds
- Double Cut Undercut/Backcut
- Storm Damage or Jackstraws
- >Double Cut Undercut/Backcut
- Steeply Sloping Ground

**Dynamic Factors Affecting Saw Operation**
- Human Factors
  - Attitude, Fatigue, Stress, Unexpected Reactions, Plan Failure
- Environment
  - Wind, Fire, Precipitation, Soil, Overhead, Unknown Tree Defects

**Static Factors Affecting Saw Operation**
- Objective, Fiber, Lay, Terrain, Known Tree Defects

**Do these factors align with your ability and qualification?**
- If YES, Proceed
- If NO, Reassess

**STOP**
- Reevaluate
  - No Safe lay
  - No Escape Route
  - No Escape from Hazards
  - <30% Fiber at Hinge
  - Base Won’t Support Stem if Cut

**US Forest Service Saw Program Complexity Guide**

Forest Service