

# **Aerial Rescue Outline**

## **Training in Emergency Response and Aerial Rescue**

This course is designed to educate tree climbers in the most likely scenarios where they may have to respond to an emergency. Emphasis is on emergency preparedness, readiness and accident prevention. The importance of self-rescue strategies and understanding the 'working alone' definition reinforces the importance of emergency readiness. Participants are educated in the truths about tree work accidents and fatalities, information based on arborist statistics and industry reviews provides the basis for the specific rescue techniques trained and practiced. Participants are educated in key terms and definitions relating to rope parts, knots, hitches and specialized equipment. Physics concepts such as reaction force and potential energy associated with various rope rescue systems and configurations complete this comprehensive course. This course involves hands on rescue opportunities and practice.

### **8:30 to 9:30 a.m. -- Rescue, Readiness, and Reality**

- Challenges of high angle rescue
- Tree climbing systems, terms and definitions Responsibility and due diligence
- Legislation regarding emergency protocols
- Work plan
- JSA
- ERP and the importance of procedures and protocols

### **9:30 to 10:30 a.m. -- First Aid and CPR Review**

- C,R,N and casualty assessment, primary and secondary survey 911 on phone protocols
- EMS support, assistance and co-operation

### **10:30 to 11:30 a.m. -- Risk assessment and scene management**

- Tree and site hazards, Suspension trauma Stress management, Electrical hazards

**11:30 a.m to 12:30 p.m. – Lunch Break**

**12:30 to 1:30 p.m.-- Extent and severity injury evaluation**

- Look, listen and feel
- Stabilize, comfort and support

**1:30 to 2:30 p.m. – Self-rescue and working in isolation**

- Self-rescue techniques and methods
- Working alone defined and evaluated

**2:30 to 3:30 p.m. -- Climber Extrication**

- Scenario evaluation, triage
- Prepare rescue equipment
- Self-rescue
- Ground worker assisted rescue systems
- Single (Stationary)
- Rope systems, Basal and Canopy anchors Spare pole systems and challenges
- Spar pole triage and victim packaging

**3:30 to 4:30 p.m. -- Rescuer Ascent and work positioning**

- Rope placement and installation
- Rescue techniques and strategies
- Climbing systems, weight transfer, angles of incidence and loading
- Pick offs
- Single (Stationary) Rope systems and friction management