



# FACEBOOK FORUM

## FIRST DUE CONSIDERATIONS FOR ROPE RESCUE

**BROADCAST DATE: June 16, 2020**  
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**TO BE ABLE TO PERFORM A ROPE RESCUE, YOU WILL NEED TO CONSIDER THE FOLLOWING THINGS:**

### 1. **Right Training**

- a. Achieved the proper Rope Rescue Training
  - i. Understand anchors, knots, raising and lowering systems
  - ii. You understand the main reason for rope failure is Abrasion, and you know how to prevent this.
- b. Practice consistently- until you cannot get it wrong.
- c. The actual incident is not the first time you want to use your rope rescue skills
- d. Rope Rescue- we need to be able to raise and lower a person.

### 2. **Right Equipment**

- a. Life Safety Rope,
- b. properly rated Rope Rescue Equipment

### 3. **Right People**

- a. The right people that a competent and confident, and the company officer willing to make the decision, with guidance of their crew.
- b. The right number of people
  - i. The number of people on scene can determine what you can do
    1. Just secure the person in distress so they do not get any worse
    2. Lower a person safely, which takes less manpower
    3. Raise a person - which takes more personnel
- c. The right people enroute -Technical Rescue Team, Ambulance, Police
- d. Have Building Maintenance assist you in Lock out Tag Out or getting to the correct location.

### 4. **Right Plan**

- a. Plan A: use the Ladder Truck
- b. You are not properly trained, without the right equipment - secure the area. Call for the right people to assist. Waiting is a decision.
- c. You secure the person in distress with a rope and request the right people to assist.

- d. Secure the person in distress with a rope and lower them to the ground.
- e. Secure the person in distress with a rope and raise them to a point that you can bring them into safety.
- f. Send a rescuer to secure the person in distress and move them to safety.

## SCENARIOS

**Equipment:** Helmet, gloves and proper boots.

**Scenario 1: Could be a person suspended on the side of a building. could be a person in a grain bin/well**

**Training level:** Minor

**Equipment:** Rope (only)

**People needed:** 1

**Plan:** Secure the suspended person so they don't go anywhere, so the situation does not become worse.

**Plan A:** Call for more help. Use the ladder truck. Unable to use a ladder truck at this location.

**Plan B:** Call for more help. Get a Technical Rope Rescue Team and ambulance enroute to assist you.

In the meantime, we could make a large loop (**Bowline**) to place around someone. Lower it down to the suspended person and then secure the rope to an anchor.

If the conscious suspended person has a harness on, and you have a carabiner. You could lower the carabiner down to have them attach to their harness. You will also need to be able to tie a knot.

**Scenario 2: Person suspended from a rope on the side of the building or water tower**

**Training level:** Medium

**Equipment:** Life Safety Rope and properly rated carabiners

**People needed:** 2 (person to run the munter, edge attendant)

**Plan:** Secure the suspended person so they don't get worse, lower the person to safety with a munter.

**Plan A:** Call for more help. Use the ladder truck. Unable to use a ladder truck at this location.

**Plan B:** Our suspended person is in a harness, and we have enough rope to lower them to the ground. We lower a carabiner attached to the rope to them. They connect to their harness. We transfer the person's weight to our rope and lower them down using a munter hitch.

**Scenario 3: Window Washer raising drill**

**Training level:** Medium - with plenty of proficient practice.

**Equipment:** Life Safety Rope, pre-rigged 3:1 system (Go over the equipment for a 3:1 system, tandem prusiks)

**People needed:** 5 (person to run the munter, edge attendant)

**Plan:** Secure the suspended person so they don't get worse, raise them to a position of safety.

**Plan A:** Call for more help. Use the ladder truck. Unable to use a ladder truck at this location.

**Plan B:** Our suspended person is in a harness, and we have decided that it is safer to raise them to a position of safety. We lower a carabiner attached to the rope to them. They connect to their harness. We raise the person in distress up to the area of safety. At that location, they are secured to pull them inside.

**Scenario 4: Window Washer (raising drill)**

**Training level:** Medium -with plenty of proficient practice.

**Equipment:** Life Safety Rope, pre-rigged 3:1 system (Go over the equipment for a 3:1 system, Maestros - covert to a 5:1 system)

**People needed:** 4 (person to run the munter, edge attendant)

**Plan:** Secure the suspended person so they don't get worse, raise them to a position of safety.

**Plan A:** Call for more help. Use the ladder truck. Unable to use a ladder truck at this location.

**Plan B:** Our suspended person is in a harness, and we have decided that it is safer to raise them to a position of safety. We lower a carabiner attached to the rope to them. They connect to their harness. We raise the person in

distress up to the area of safety. At that location, they are secured to pull them inside.

**Scenario 5: Window Washer (raising drill)**

**Training level:** High - with plenty of proficient practice.

**Equipment:** Life Safety Rope, pre-rigged 3:1 system (Go over the equipment for a 3:1 system, Maestros - covert to a 5:1 system)

**People needed:** 6 (person to run the munter, edge attendant)

**Plan:** Sending a rescuer to secure the suspended person so they don't get worse, lower them to a position of safety.

**Plan A:** Call for more help. Use the ladder truck. Unable to use a ladder truck at this location.

**Plan B:** Our suspended person is not in a harness, and we have decided to send a rescuer to secure them. He rappels down to their location. Secures the victim. We lower them to the ground.