# 9 Set Up and Take Down Multi Line

## How to Get a Manager Check-Off

Have the Challenge Center Manager observe you setting up and taking down the Multi Line.

## Procedure Details

### Set Up

1. Retrieve wood ladder labeled “MULTI” and place on the multiline pole, secure in place by clipping a locking carabiner to the closest staple at the top of the ladder.
2. Ensure you have correct rope bag for the multiline as well as the correct amount of belay devices and carabiners.
	1. Belay devices (1)
	2. Carabiners (3)
	3. Rubber tube (1)
3. Inspect the climbing rope by pulling one end out of the bag and running your hand and visually inspecting the entire rope.
4. Tie Killick hitch to end of belay rope with p-cord (retrieval line). Pull rope through shear reduction device (SRD).
5. Untie Killick hitch and flake out p-cord (retrieval line) in a secure place that will not be in the participants’ way (hint: tie the end of retrieval line to something so that it will be easy to find for take down). This is usually stored on the south side of the Toy Shed
6. Tie a bowline on a bight in the end of the rope that passes on the east side of the foot cable (closest to the pool), place rubber tube over both loops of the bowline and place carabiners (2) in both loops below tube. Pull rubber tube down to hold carabiners in place.
7. On the other end of the rope, ush a bight of rope into the belay device with the brake end running over the teeth (standard set up). Place belay carabiner in through both the bight of rope and the belay device’s retaining loop. Tie a stopper knot at end of rope.
8. Clip the belay carabiner to the two participant carabiners and stow the rope in an organized fashion ensuring that the rope stays off the ground until in use.

### Take Down

1. Remove all hardware and knots.
2. Tie Killick Hitch to end of belay rope with p-cord (retrieval line). Pull rope back through the SRD, holding tension on the p-cord until the entire rope is on the ground. Tie a quick-release knot to keep p-cord ends together. Secure p-cord to pole.
3. Flake rope into rope bag ensuring inspection of entire rope. Stow rope bag in correct location in equipment shed.
4. Replace all hardware in proper place in green box in equipment shed and return ladder to rack.