

Outfitter Safety Kit

CONTENTS (RED CHATTOOGA WATERSHED BAG)

- Static Line - 200 feet of 11m or 12mm (7/16 or 1/2 inch)
- 20' Web Slings (2) - Red or Orange
- 30' Web Slings (2) - Yellow or Tan
- Pulleys (3) - Prusik Minding
- Prusiks (3) - 13" loops are ideal for minding with big pulleys
- Carabiners (8) - all locking

BREAKING STRENGTHS

- 11mm Static Line: 4,500 - 6,000 lbs
 - With Bowline(63%): 2,835 - 3,780 lbs
 - With Figure Eight(69%): 3,105 - 4,140 lbs
- Throw Bags
 - 3/8" Nylon: ~2000 lbs
 - 3/8" Polypropylene: ~1900 lbs
 - 3/8" Spectra®: ~5,000 lbs
- Prusik Cord
 - 6.8mm Sterling Hollowblock: 3147 lbs
 - 6 mm Sterling Auto Block: 2810 lbs
- Carabiner
 - Locking D: ~6,925 lbs
 - Unlocking: ~5,000 lbs
 - Unlocking Open: ~1,350 lbs
 - Steel: ~10,000 to 12,000 lbs
- Rescue Pulley
 - Large: ~7500 lbs
 - Micro Pulley: ~7000 lbs
- Anchors
 - 1" Mil-Spec Webbing: 4,000 lbs
 - 9/16" Webbing (Hoopie): 1,500 lbs

PULLING

- Loading any of these items within 20% of breaking strength is unsafe
- "Knot efficiency" is between 40% and 80% and depends on rope type and knot
 - Figure 8: 69%
 - Bowline: 63% (almost impossible to untie after 1,000 lbs)
 - Double Fishermans: 73%
- An adult can pull 120% of their body weight with belay or 60% when pulling on a rope with their hands

