



RTR MRW Equipment List

For this RTR program ONLY: Mountain Rescue Workshop (MRW)

Revised: July 2022

General Required Items To Bring: Including OPTIONAL items which are strongly recommended.

NOTE: 1) AZTEK kit should have both a rated personal end (100kg) & system end (200kg). [Questions?](#) Write!
2) SKU Numbers are from AHSRescue.com and may not match manufacturers numbers.

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- HAWAIIAN SHIRT for final day 7 group photograph! (*The more flamboyant & bodacious, the better!*)
- 1 AZTEK Kit: (per attendee) *Note: RTR strongly recommends the Technora AZTEK kit due to abrasion and accidental cut resistance + safety. See note #1 above. Prefer the double zipper fanny pack to separate personal side from system side.*
AHS Rescue AZTEK Elite Kit (SKU# AELK RTR)
- 12 Aluminum carabiners (locking or non-locking for your personal use)
Discussion: Auto locking type 3 aluminum carabiners are best for this as you will be using one hand to open and close the carabiner. Double auto locking type 4 carabiners are also recommended if they are Rock Exotica "RockD" style. Double auto locking can be easily opened with one hand if they are "pull—then twist" to open.
**1) Rock Exotica rockD Auto-Lock (SKU# C2 A) 2) Rock Exotica rockD Screw-Lock (SKU# C2 S)
3) Black Diamond RockLock TwistLock (SKU# BD2102581003ALL1)**
- 1 Mini ascender (used for AZTEK 8mm restraint cord): **Petzl Tibloc (SKU# B01B)**
- 1 **Petzl Gated Ring Open**(second point added to harness below umbilical D ring): **Petzl Ring Open (SKU# P28)**
Discussion: Do not forget the allen wrench that comes with the Petzl Ring Open! See below discussion on using a chest ascender.
- Climbing style harness (with provision to add a tied or manufactured chest harness):
Discussion: If using a chest ascender (see below) for ascending, that equipment must fit between the seat and chest components of your climbing harness. The gated ring above will help accomplish this task as part of the linkage.
**CMC 1) Ranger (SKU# 20238) 2) Ranger Rescue Chest Harness (SKU# 202315)
Petzl - 3) Falcon (SKU# C038AA0) 4) Secur (SKU# C74A) 5) Top Croll (SKU# C081)**
- 1 Small personal use swivel pulley: **Rockl Exotica Omni-Block 1.1" (SKU# P54)**
- 1 One way progress capture pulley: **1) Petzl Micro-Traxion pulley SKU# P53 PETZL 2) Petzl PRO Traxion pulley SKU# P51A**
- Personal ascenders or ascending system (set of two minimum: 1 chest/1 handled or both handled):
Petzl 1) Croll Chest Ascender - 8-11mm (SKU# B16BAA) 2) Ascension - Right (SKU# B17ARA) Left (SKU# B17ALA) 3) PMI CT Chest Ascender EVO - 8-13mm (SKU# HD26253)
- 1 Chest Ascender (see above): **1) Petzl Croll (SKU# B16BAA - Small or B016AA00 - Large) Preferred.
2) PMI CT Chest Ascender EVO - 8-13mm (SKU# HD26253)**
- 1 Adjustable etrier (foot stirrup). OPTIONAL: Bring a second one.
Discussion: You can purchase a pre-made etrier foot stirrups or make your own from the long leg Purcell prusiks (see below)
Petzl FOOTAPE SKU# C47A
- Personal rappel/belay devices: See below 1 & 2. NOTE: some are manually operated (no stop feature) and others are auto stop.
Discussion: During the MRW, you will be rappelling on both your AZTEK and also on rope up to 11.1mm in diameter. The 2 Auto Stop Petzl Gri-Gri variations below (#5 & #6) will work on both the larger 11.1mm and the smaller 8.5mm AZTEK rope.
1) AZTEK personal rappel device:
Mad Rock Safeguard (buy on Amazon or Google it for source)
2) Friction brake and manually operated belay device.
Discussion: It is a good idea to have both one or two varieties of manually operated belay, friction brake (like #1 in our list below) and also an auto stop device (like #4 & #5 in our list). During this workshop, you will be using this auto stop appliance for descending AND ascending. So, a device which can accommodate both modes will be your best option. The Petzl RIG is the smaller version but does not have the "panic" nor load-wrong feature that the heavier I'D does.
1) Black Diamond ATC-Guide (SKU# BD620046000 ALL1) 2) Petzl Reverso (SKU# D017AA0) 3) Petzl Pirana Club (SKU# D005BA00 4) Auto Stop: Petzl I'D small (SKU# D020AA00), 5) Auto Stop: Petzl RIG (SKU# D021AA00)
- Purcell Prusiks: Bring 35ft. of supple 6mm accessory cord to tie your own Purcell prusiks from one piece - **Please**, no sewn Purcells: **6mm Accessory Cord/Ft Prefer Mammut brand accessory cord due to high quality.**
- 1 (or 2) short sections of 1" tube webbing 6" long if making your own etrier foot stirrups for Purcell Prusiks above
Sterling 1" Tubular Webbing/Ft - 1) Red (SKU# WB254TT08091FT) 2) Black (SKU# WB254TT04091FT)
- Purcell carry bag (use a soft 1-quart water bottle holder stuff bag as substitute): **Tie to your harness.**
Liberty Mountain Bottle Carrier (SKU# 146492)

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- Hiking and/or climbing shoes (broken in) Non-mandatory class 5 climbing on some evolutions:
Discussion: You may use light weight tennis or sports shoes for comfort during on rope skills.
1) Vasque Breeze LT GTX (SKU# 07376M) 2) Oboz Sawtooth II Mid Waterproof (SKU# M-23701/W-23702)
- First aid kit and personal hygiene items (TP, sun block, lip balm, etc.)
Adventure First Aid Kit - 1-2 person 1.0 (SKU# 0120-0210)
- 1 pair safety glasses: Safety Glasses - Clear ANSI (SKU# 98366)
- Work/rappel gloves: PMI Rope Tech Gloves (SKU# GL22)
- Inclement weather gear (cold, rain, sunny, hot, etc. Be ready for all weather-related insult)
- Head Light Bring extra batteries/bulb:
1) Black Diamond Storm375 (SKU# BD620640) 2) PrincetonTec APEX (SKU# APX20)
- Climbing style helmet with chin strap:
Petzl 1) VERTEX - White (SKU# A010AA0) 2) STRATO - various colors (SKU# A020CA)
- Whistle (with tether on your helmet): Fox 40 Classic (SKU# 9902)
- Water hydrations system/Extra water bottles:
CamelBak 100oz MIL SPEC CRUX Pack 1) HAWG - Black (SKU# 1733001000) Coyote (SKU#1734201000) 2) MULE - Coyote (SKU# 1741001000) Coyote (SKU# 1742201000)
- Soft frame pack or ruck sack (lunch and personal items plus team items to be carried)
CMC 1) Palisade 2.0 Pack (SKU# 440638) 2) Whitney 2.0 Pack (SKU# 440648)

Optional Items: (But HIGHLY Recommended)

- 1 CMC set (pair) of 8mm AZ Bound Loop Prusiks (long and short): *Just in case you are running a tandem prusik belay.*
Long (SKU# 293386) Short (SKU# 293383)
- 2 Sterling Technora Hollow Block loops: (SKU# SC060). *Very handy!*
- Small note pad for field notes:: multicolored pens or pencils are advised.
Rite In The Rain NotePad 1) 3"x 5" (SKU# 360044) 2) 4"x 6" NotePad (SKU# 360046)
- 6 pieces climbing protection (active or passive camming) *Prefer Tricams for mountain rescue.*
Camp 1) 0.5 Pink TriCam (SKU# 94705) 2) 1.0 Red TriCam (SKU# 94710) 3) 1.5 Brown Tri Cam (SKU# 94715) 4) 2.0 Purple Tri Cam (SKU# 94720)
- 6 sewn slings, quick draws:
Black Diamond DYNEX 1) 10MM X 60 CM 24" (SKU# BD3800220000ALL1) 2) 10mm x 120 CM 48" (SKU# BD3800230000ALL1)
- Jet Boil or equivalent: JETBOIL 1) JOULE COOKING SYSTEM (SKU# JOULE)
- Note paper & basic calculator— NOTE: multicolored pens or pencils are advised.
- Small note pad for field notes:
Rite In The Rain NotePad 1) 3"x 5" (SKU# 360044) 2) 4"x 6" NotePad (SKU# 360046)
- Folding knife you can clip to your harness with a tether:
Petzl SPATHA (SKU# S92AN)
- Sun hat/brim which works with your helmet:
CMC Sunbrero 1) Black (SKU# 492155) 2) Gray (SKU# 49215)
- GPS
- Bivy gear
- Small pack cover to keep rain/snow off your personal stuff