



RTR TWRW Equipment List

For this RTR program ONLY: Tactical Wilderness Rescue Workshop (TWRW)
Revised: July 2022

TWRW Required Items To Bring: Including OPTIONAL items which are strongly recommended. Page 2.

NOTE: 1) AZTEK kit should have both a rated personal end (100kg) & system end (200kg). [Questions?](#) Write!
2) 7/16" (11.1mm) rope and smaller canyoneering lines are used exclusively in this workshop.
3) SKU Numbers are from AHSRescue.com and may not match manufacturers numbers.

[Click HERE to get RTR Student Special Pricing at AHSRescue.com](#)

Discussion: (so you KNOW what to expect and WHAT to bring):

The TWRW is a class where we expect diversity of different views on this subject. We expect both wilderness minimalist viewpoints and also all the way up to full-on NFPA-compliant fire rescue viewpoints. The former is small rope and the later is larger rope. No worries. So, please be ready to see BOTH aspects of this in this program. You can choose and establish your own protocols. Hence, this equipment list below reflects the way you wish to go. If you are a true minimalist then you can see that rope and gear below. If you are a fire person and wanting larger, stronger rope and equipment, then you can see that as well. Please choose accordingly. Please bring an open mind.

Remember that it has much to do with how far you are from the roadway. If over a mile, then everything must be carried on your back and it can get very difficult. If working within a mile off the road, then that can be managed with heavier rope and gear. We will be training in some very significant rough, rocky terrain so making sure you have proper good footwear with ankle support as it is key to your safety.

- HAWAIIAN SHIRT for final day 5 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. Below 'Safeguard' is for AZTEK travel restrict and rappels and is strongly recommended.*
AHS Rescue AZTEK Elite Kit (SKU# AELK RTR) Mad Rock 'Safeguard' (contact AHS Rescue SKU# MDGUARD)
- 12 Carabiners (For personal use. Prefer aluminum)
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. Also NOTE, large G rated 40kN aluminum locking carabiners do not fit well into the Petzl I'D or RIG descenders. Use a smaller carabiner for this connection.
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 Harness (additional chest harness recommended but not required)
Discussion: Just a simple harness is needed for low angle and steep angle. Of course you can wear your regular full body harness if you so desire. If you are using a chest ascender, you will need a full harness or means to hold the top of that ascender.
Falcon (SKU# C038AA0) 8) Top Croll (SKU# C081)
- Personal rappel/belay devices: See below 1 & 2. NOTE: some are manually operated (no stop feature) and others are auto stop.
Discussion: During the workshop, you will be rappelling on both your AZTEK and also on rope up to 11.1mm in diameter. The Mad Rock SAFEGUARD will accommodate static ropes down to 8.1mm which is ideal for your AZTEK travel restrict and rappels.
 - 1) AZTEK personal rappel device: (device should accommodate down to 8.1mm host static rope on AZTEK)
Mad Rock 'Safeguard' (contact AHS Rescue SKU# MDGUARD)
 - 2) Friction brake and manually operated belay device
Discussion: During your workshop, you may 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 Petzl I'D (small).
Auto stop: 1) Petzl I'D small (SKU# D020AA00), 2) Petzl RIG (SKU# D021AA00), Manual: 3) Conterra SCARAB (SKU# SFR1 or ST11) or 4) BMS Micro-Rack – Short Frame (SKU# BMSMRSD) or 5) Long Frame (SKU# BMSMRLD)

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- Climbing style helmet with chin strap: [Petzl 2\) VERTEX - White \(SKU# A010AA0\)](#) 3) STRATO - various colors (SKU# A020CA)
- 1 [Petzl Gated Ring Open](#) (second point added to harness below umbilical D ring or when tying chest harness from webbing):
[Petzl Ring Open \(SKU# P28\)](#)
Discussion: Do not forget the allen wrench that comes with the [Petzl Ring Open](#)! You may substitute the [Mallion Rapide Half-Moon Screw Link 10mm steel](#) but it is much heavier. (SKU# HD26061)
- 1 Small personal use swivel pulley: [Rockl Exotica Omni-Block 1.1" \(SKU# P54\)](#)
- 1 [CMC](#) set (pair) of 8mm AZ Bound Loop Prusiks (long and short): Long (SKU# 293386) Short (SKU# 293383)
- 1 [Bluewater](#) VT prusik 8mm, Technora Sheath [SKU# 75686](#)
- 1 [Sterling](#) 6.8MM Hollow Block 13.5" loop 100% Technora (Used on smaller diameter ropes)
- 1 [Sterling](#) 6.8MM Hollow Block 19" loop 100% Technora (Used on smaller and larger diameter ropes)
- 1 [Sterling](#) set of Purcell Prusiks (long leg, short leg and chest) [Sterling Pre-Sewn Purcell Set \(SKU#SC060NYSET\)](#)
- Purcell carry bag (use a soft 1-quart water bottle holder stuff bag as substitute): [Liberty Mountain Bottle Carrier \(SKU# 146492\)](#)
- Personal rappel/belay devices: During the TWRW, you will be descending on both your AZTEK and also on larger rope up to 11.1mm in diameter. The 2 Auto Stop Petzl Gri-Gri variations below will work on both the larger 11.1mm and the smaller 8.5mm AZTEK rope. Personal auto stop rappel devices (including AZTEK):
1) [Petzl Gri-Gri \(SKU# D13A\)](#) 2) [Petzl RIG \(SKU# D021AA00\)](#)
- Hiking or work boots (broken in)
- 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 \(SKU# APX20\)](#)
- Whistle (with tether on your helmet): [Fox 40 Classic \(SKU# 9902\)](#)
- Water hydrations system/Extra water bottles
- Soft frame pack or ruck sack (lunch and personal items plus team items to be carried)

Optional Items: (But HIGHLY Recommended) [Many practitioners consider these MANDATORY]

- 1 [CMC](#) Clutch, [Petzl](#) Maestro or [CMC](#) MPD. (If you wish to use it, bring it)
- 1 [Petzl](#) Rescuender (if you wish to use a hard ascender instead of soft)
- 1 [Petzl](#) ASAP Mobile Fall Arrester (Must have [Petzl](#) shock absorber)
1) [Petzl ASAP LOCK \(SKU# B071BA00\)](#) 2) [Petzl ASAP \(SKU# B070AA00\)](#)
- 1 only [Petzl](#) Ascension Handled Ascender or equivalent (right or left hand): 1) Right (SKU# B17ARA) 2) Left (SKU# B17ALA)
- 1 Chest Ascender: 1) [Petzl Croll \(SKU# B16BAA - Small or B016AA00 - Large\)](#) Prefer large if using larger ropes.
- 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:
- Small pack cover to keep rain/snow off your personal stuff
- Technical Rescue FOG: (Field Operations Guide by Tom Pendley)
- Small personal rigging plate