



RTR IRW Equipment List

For this RTR program: Industrial Rescue Workshop (IRW),
Revised: July 2022

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

NOTES: 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. For complete AZTEK assembly instructions see [GO HERE](#). 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)
- 6 Carabiners (For personal use. Prefer aluminum)
 - 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 Safety adjustable positioning lanyard
Discussion: Students will be leaning back onto these adjustable positioning lanyards similar to linemen on poles or towers, so this is an essential for hands free working up in the air for the IRW. The ropes in these lanyards should be ideally Technora fiber sheath for durability and cut resistance. NOTE: If you have nylon lanyard (as #1 in list below), it must have sheath protector on it.
 - 1) Petzl Grillon Hook (SKU# L052CA00) 2) Yates RAD positioning lanyard (SKU # RADLANYARD2M)
- 1 Full Body Rescue/Work Style Harness (adapted for structural rope access)
Yates - 1) Professional Tower/Rope Access Harness (SKU# 390) This is the harness Reed Thorne designed for tower workers.
 - 2) Basic Rope Access (SKU# 387) Petzl - 3) AVAO BOD (SKU# C071CA0) 4) ASTRO BOD FAST (SKU# C083BA0)
- 1 Auto Stop Descender for 7/16" rope (Auto stop friction brake) *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.*
 - Petzl 1) I'D S (SKU# D020AA00) 2) RIG (SKU# D021AA00)
- 1 Petzl ASAP Mobile Fall Arrester (Must have shock Petzl Axess absorber below)
Discussion: The Petzl ASAP comes in two versions. 1) ASAP LOCK 2) and the standard ASAP. The LOCK version is OPTIONAL for climbing with a traveling safety up a fixed rope. The second version is used in the IRW for providing two person belays with a second rope. Have one or the other for this program please. The second standard ASAP will need a tether so it cannot be dropped.
 - 1) Petzl ASAP LOCK (SKU# B071BA00) 2) Petzl ASAP (SKU# B070AA00)
- 1 Petzl ASAP Sorber Axess for the ASAP LOCK or standard ASAP
Discussion: The Petzl used with this Axess shock absorber will be good for two person loads during rescue. (200kg)
 - Petzl ASAP Sorber Axess (SKU# L071CB00)
- 1 Rock Exotica small personal use swivel pulley: Omni-Block 1.1" (SKU# P54)
- 1 set of 6mm Purcell Prusiks (long leg, short leg and chest) Sterling Pre-Sewn Purcell Set (SKU# SC060NYSET)
- 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*):
Liberty Mountain Bottle Carrier (SKU# 146492)
- 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)
- Work boots: 1) Vasque Breeze LT GTX (SKU# 07376M) 2) Oboz Sawtooth II Mid Waterproof (SKU# M-23701/W-23702)
- First aid kit: (Personal use) Adventure First Aid Kit - 1-2 person 1.0 (SKU# 0120-0210)
- 1 pair safety glasses: OSHA Approved, UV protection: Safety Glasses - Clear ANSI (SKU# 98366)
- Work/rappel gloves: (*Some prefer fingerless gloves on steel*) 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: 3M 1) 3M SecureFit Vented Safety Helmet - White (SKU# X5001VX-ANSI)
Petzl 2) VERTEX - White (SKU# A010AA0) 3) STRATO - various colors (SKU# A020CA)
- Sun hat/brim which works with your helmet: CMC Sunbrero 1) Black (SKU# 492155) 2) Gray (SKU# 49215)
- Whistle (with tether on your helmet): Fox 40 Classic (SKU# 9902)
- Water hydrations system: CamelBak 100oz MIL SPEC CRUX Pack 1) HAWG - Black (SKU# 1733001000) Coyote (SKU# 1734201000) 2) MULE - Coyote (SKU# 1741001000) Coyote (SKU# 1742201000)
- OPTIONAL: 1 Yates 874 Double Lanyard (*These Technora double lanyards are what many utility companies use for linemen*)