

Required Personal Equipment

2022 Edition

Worn or carried in pack

Clothing

- ☐ Base layers and socks
- ☐ Shirt
- ☐ Insulator layer
- ☐ Long pants
- ☐ Rain jacket and rain pants
- ☐ Hiking boots
- ☐ Leather work gloves
- ☐ Eye protection
- ☐ Extra socks

Cold weather clothing

- ☐ Warm gloves
- ☐ Warm hat
- ☐ Extra insulator layer

Navigation equipment

- ☐ Compass
- ☐ Paper map
- ☐ GPS unit* or smartphone app
- ☐ Notepad
- ☐ Pencil/pen and permanent marker

Technical equipment

- ☐ Climbing helmet
- ☐ 20 ft red webbing
- ☐ Purcell prusik
- ☐ Locking carabiner

General equipment

- ☐ Headlamp
- ☐ VHF radio*
- ☐ Water
- ☐ Food and snacks
- ☐ Wood saw
- ☐ Flagging tape
- ☐ Plastic whistle

Miscellaneous

- ☐ Spare headlamp or flashlight
- ☐ Duct tape
- ☐ Toilet paper
- ☐ Ziploc bags
- ☐ Water treatment
- ☐ Legal ID/SAR ID

First aid kit

Ready to add to pack

Shelter and fire kit

- ☐ Survival blanket
- ☐ Blue tarp
- ☐ Paracord
- ☐ Fixed blade knife
- ☐ Storm proof matches
- ☐ Fire starters

Optional additional items

How to suggest changes or updates

Worn or carried in pack

Clothing

Use a layering system to respond to changes in climate, weather, and activity. Expect the weather to be different at base than it is at home. No cotton. See Uniform Standards document for color and other requirements.

☐ **Base layers and socks**

Wicking synthetics, wool or silk

☐ **Shirt**

Orange or blue uniform top

☐ **Insulator layer**

Middle layer to retain body heat, but let moisture out

Polyester fleece, wool sweater, puffy jacket

☐ **Long pants**

Protective layer for your legs (no shorts)

☐ **Rain jacket and rain pants**

Waterproof breathable outer shell

☐ **Hiking boots**

Over ankle

☐ **Leather work gloves**

Protect your hands from thorns, ropes, knives, braided cables...

☐ **Eye protection**

Safety glasses, goggles, sunglasses

☐ **Extra socks**

Cold weather clothing

These items are a minimum requirement in cold weather. Consider storing a selection of additional clothing in your vehicle.

☐ **Warm gloves**

☐ **Warm hat**

Base layer for your head or helmet liner or balaclava

☐ **Extra insulator layer**

A second or heavier weight middle layer

Navigation equipment

☐ **Compass**

Must have sighting mirror, adjustable declination correction, and bearing dial

☐ **Paper map**

Mission specific maps are often distributed by Incident Command to Team Leads at base. Paper maps offer a comprehensive big picture of the area and allow for plotting with a compass. Consider packing a general map of the Columbia River Gorge or similar.

☐ **GPS unit* or smartphone app**

Device fully charged, and bring spare batteries or charging device

☐ **Notepad**

Waterproof - *Rite in the Rain*

☐ **Pencil/pen and permanent marker**

Rite in the Rain compatible

Technical equipment

☐ **Climbing helmet**

UIAA or CE certified

☐ **20 ft red webbing**

20 ft of red 1 inch tubular webbing. Climb-spec or mil-spec with a minimum breaking strength of 4000 lbs. Labeled at the end with your name, and tied in a quick release daisy chain (chain sinnet).

☐ **Purcell prusik**

10 ft of 6mm accessory cord pre-tied as a purcell prusik

☐ **Locking carabiner**

Minimum specifications:

Gate opening: 3/4" (19mm)

Major axis strength: 22 kN

Minor axis strength: 7 kN

Open gate strength: 7 kN

General equipment

☐ **Headlamp**

Device fully charged, and bring spare batteries or charging device

☐ **VHF radio***

Device fully charged, and bring spare batteries or charging device

☐ **Water**

2 liters minimum

☐ **Food and snacks**

24 hr supply, 2000+ calories

☐ **Wood saw**

Fast and efficient folding saw

☐ **Flagging tape**

Hot pink survey tape

☐ **Plastic whistle**

Fox 40 or Storm, pea-less design

Miscellaneous

☐ **Spare headlamp or flashlight**

Device fully charged, and bring spare batteries or charging device

☐ **Duct tape**

3 ft minimum

☐ **Toilet paper**

☐ **Ziploc bags**

2 ea gallon, 2 ea quart (freezer)

☐ **Water treatment**

Chemical, filter, UV or boiling

☐ **Legal ID/SAR ID**

First aid kit

- ☐ (4) 4x4 bandages
- ☐ 4 inch ace wrap
- ☐ (6) 1 inch adhesive bandages
- ☐ 1 inch cloth adhesive tape
- ☐ (2 Pairs) non-latex barrier protection gloves
- ☐ (2) 5x9 compress
- ☐ CPR barrier protector
- ☐ Electrolyte replacement
- ☐ (2) heat packs
- ☐ Personal medications
- ☐ Moleskin, blister block or equivalent
- ☐ 4 inch roll gauze
- ☐ SAM splint or wire splint
- ☐ Trauma shears
- ☐ Triangular bandage
- ☐ Waterproof SOAP note sheet

Ready to add to pack

Shelter and fire kit

At least one **shelter and fire kit** will be carried per team on most missions. On some missions every team member will carry their **shelter and fire kit**. The Person In Charge and Team Leaders will decide what kits are required for the mission.

☐ **Survival blanket**

Heavy duty 5x7 ft orange emergency tarp (not single use)

☐ **Blue tarp**

Blue 8x10 ft, or sil-nylon equivalent

☐ **Paracord**

50 ft of 550 nylon cord

☐ **Fixed blade knife**

Full-tang, single-edge with a 3 x 1/8 inch minimum blade for batoning wood

☐ **Storm proof matches**

REI or UCO storm proof wooden matches in a plastic waterproof case

☐ **Fire starter**

Such as jelly balls, dryer lint candles, pitchwood, or other reliable ignition

Optional additional items

These items are NOT required. You might want to keep some of these in your vehicle in case conditions indicate their use. This is not an exhaustive list.

- Gaiters
- Personal medical accessories
 - Medications, Insect Repellent, Bandages, Tourniquet, Oximeter, Blood Pressure Monitor, Glucometer, Lip Balm, Sunscreen, Super Glue, Cold Packs
- Satellite communication device (InReach, Spot, etc.)
- Waterproof pack cover
- Tent stakes
- Watch
- Garbage bags
- Folding knife/tool
- Winter gear
 - Backpacking stove (JetBoil, MSR, etc)
 - Small insulating foam pad
 - Trekking poles
 - Snowshoes*
 - Microspikes
 - Avalanche beacon*
 - Avalanche probe*
 - Goggles
 - Snow shovel* (Lightweight metal, not plastic)
 - Crampons
 - Ice ax*
- Handkerchief
- Aluminum foil
- Knee pads
- Binoculars
- Spork
- Lighter
- Glow sticks or blinking light

* Limited team equipment available for checkout

How to request changes or updates

- For minor changes to the descriptive language, you can directly add comments to this document.
- For changes to equipment items listed, contact a board member with your ideas. The board will consider these updates on a semi-annual basis.
- You can also start a discussion on the Slack [#equipment](#) channel to gather feedback before requesting changes.