



# Troop 728 - Philmont Crew

## 624-S-01 Required Equipment List

(Revised 5/28/2014)



### Personal Gear

#### PACKING

- Back Pack:** Large (4,500 cu. in. / 74 Liter or larger), with good padded hip belt
- Waterproof Pack Cover** (*sized for pack, covers entire back of pack – no trash bag*)
- Zip Lock Freezer Bags** (6 to 8 -1 gallon size) – (*put clothing in, for laundry, garbage*)

#### SLEEPING

- Sleeping Bag,** in 4 strap **\*compression sack**, lined with plastic bag or waterproof compression bag (Sea to Summit® Event) - (20-30° rated)
- Sleeping Clothes:** lightweight nylon shorts & t-shirt (*can be cotton*), used for sleeping only – **\*keep with sleeping bag only!**
- Foam Ground Pad** (Z Rest®) or Therm-a-Rest® self-inflating mattress with stuff sack
- Backpacker's Pillow** or small stuff sack pillow

#### CLOTHING:

All clothing should be ultra light and thin; for regular clothes, (use synthetics or merino wool). Except where indicated, when you have a choice, final decisions should be always be based on **weight**, the lighter the better. Put ALL CLOTHES in zip lock or **waterproof** compression bags/stuff sacks!!!

#### LAYER A – (HIKING CLOTHES)

- Hiking Boots** (*waterproofed, sturdy, good fitting, and broken-in, **\*new shoe laces***)
- Heavy Hiking Socks** (*merino wool/synthetic*) – 2-3 pairs **\*no cotton**
- Liner Socks** (*synthetic/merino wool*) – 2-3 pairs **\*no cotton**
- Underwear** (*synthetic*) – 2-3 pair **\*no cotton**
- T-Shirts** (*synthetic or 50/50 cotton*) – 2-3
- Wide-brimmed Rain/Sun Hat or Baseball Cap**-(*if hooded rain jacket*)
- Convertible Pants** (*synthetic, zip-off legs*) – (2 pair) (HIGHLY RECOMMEND) **-OR-**  
(2) Hiking Shorts & (1) Long Pants (*synthetic*)
- Long Sleeve lightweight synthetic shirt** (*button or zip*)
- “In-Camp” Shoes** (*very lightweight, no open toed*)
- “In Camp Socks”** – 2 pair (*with camp shoes in-camp only!*) **\*no cotton** *\*optional*

#### LAYER B – (COOL EVENINGS)

- Thermal Underwear** (*mid/light weight synthetic/merino wool top, and bottoms*)

#### LAYER C – (COLD)

- Stocking Hat** (*Wool or fleece – should cover ears, will also wear to sleep in*)
- Zip Jacket -or- ¼ zip Pull-over** w/collar or hoody (midweight Fleece -or- PrimaLoft® – **\*this is your warmest layer**)
- Lightweight Gloves, Liners or Mittens** (*no ski gloves*)



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### LAYER D – COLD, WET, WINDY

- Rain Jacket (Shell) & Rain Pants** (*lightweight, \*waterproof & breathable - Gortex®, Event®, PreCip®, Conduit®, etc. with 100% taped seams, not insulated*)

### EATING (Water = 2.2 lbs/liter)

- Small Deep Plastic Bowl (*or Squishy Bowl®*) with mesh drying bag
- Plastic Insulated Mug with lid
- Heavy Duty Plastic Spoon (*Lexan® or equivalent, or titanium folding "Spork"*)
- (3) Water Bottles (*Nalgene® large mouth, 1 liter capacity*)  
**\*\*mark one for drink mix BB**

### PERSONAL STUFF

- Tooth Brush **BB**
- Tooth Paste (*travel size*) **BB**
- Lip Balm / Chap Stick (*Carmex®*) **BB**
- Multi-Vitamins (*One-a-Day® type, enough for entire trip!*) **BB**
- Tylenol® / Advil® (*\*optional with Parent written approval*) **BB**
- PRESCRIPTION MEDICATIONS (*Including 2<sup>nd</sup> set carried by Adult Advisor*) **BB**
- VERY small, personal Foot Care Kit (*blister pads and Mole Skin®*) **BB**
- Money (\$20-25 on-trail) **BB**
- Sun Glasses (*UV protection*)
- LED Headlamp **\*bring with fresh batteries installed (don't need extra batteries)**
- Watch (**with alarm**)
- Whistle (*in addition to any attached to backpack*)
- Pencil or pen and notepad (*in baggie*)
- Bandannas (*lightweight - washcloths, and to wipe off sweat during hikes*) – (2)
- Small Backpacker Towel (*for clean-up and shower*)
- Tall Kitchen Trash Bags (4) – (*rubber band together with gallon zip lock bags*)
- Ditty Bags (2) – (*one for \*mini-bear bag" for personal smellables, and one for non-smellables*)
- Foam Sit Pad, Crazy Creek® chair, or 3-leg camper's stool **\*optional**
- Small personal size Purell® Bottle – (0.5 fl oz) **BB**
- Compass **S**
- 15 ft. of the lightest weight parachute cord; bring mini-binder clips as clothes pins **S**
- Smallest Leatherman Micro Tool or smallest Swiss Army Knife (*knife and scissors*) **S**
- Matches / Fire Starter in small waterproof container (*orange type is best*) **BB S**
- Day Pack (*lightweight, may be part of your backpack, **share with tent partner***) **S**
- Small Sun Screen/Block (*at least 30 SPF or higher – double bag*) **BB S**
- Insect Repellant (*share with group – double bag, check with Ranger*) **BB S**



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### Suggested, but *Optional* --

- |                          |  |
|--------------------------|--|
| <input type="checkbox"/> | Post cards with stamps ( <i>can purchase at commissaries</i> )                           |
| <input type="checkbox"/> | Small Digital Camera <b>S</b>  |
| <input type="checkbox"/> | Prescription Glasses in Hard Shell Case, extra contact lenses – eye drops                |
| <input type="checkbox"/> | Lightweight Comb   |
| <input type="checkbox"/> | Trekking Poles – <b>Highly Recommend!</b> ( <i>Do not use cheap hard plastic grips</i> ) |
| <input type="checkbox"/> | Swimming Suit / Nylon Gym Shorts   |
| <input type="checkbox"/> | hand lotion ( <i>small bottle/tube</i> ) <b>BB S</b>                                     |
| <input type="checkbox"/> | Work Gloves ( <i>lightweight, cheap – might consider donating after use</i> )            |
| <input type="checkbox"/> | mesh bag ( <i>can be used to dry clothes on backpack while hiking</i> )                  |
| <input type="checkbox"/> | Sleeping Bag Liner – ( <i>lightweight, – highly recommended if using 30° bag</i> )       |

**BB** – Packed together in Ditty Bag and placed in Bear Bar at night

**S** – Shared with a buddy

### Equipment Notes:

- ❖ We have found that zip lock bags don't keep the air out, and the bags expand. If you can, use a waterproof compression bag or roll-up bag to store clothes in.
- ❖ All clothes and sleeping bag need to be protected from moisture. Must be protected by a plastic bag inside a 3-4 strap compression stuff bag, or a waterproof compression bag.
- ❖ Pants/Shorts should have lightweight internal belt (synthetic) with small plastic buckle.
- ❖ Everyone needs lightweight "In-Camp" closed-toed shoes, separate from their hiking boots. This will give their boots and feet a chance to dry out, comfort in camp. Will use these shoes for some camp activities. Don't bring your heavy sneakers.
- ❖ Be sure the Rain Gear is WATERPROOF and BREATHABLE material, GORTEX or similar product, and the seams are taped (sealed). Treat with Nikwax® TX-Direct (wash-in **DWR-Durable Water Repellent**) if needed after washing with Nikwax® Tech Wash.
- ❖ Hiking Pants and Rain Pants should have leg zippers long enough so you can take either pants on and off without removing hiking boots (*try before you buy!*)
- ❖ Hiking Boots: Recommend mixed synthetic and leather unless you need the added support of full grained leather (*lighter & cooler*). Gortex®/Event® waterproof lined are great.
- ❖ Clearly mark **one** of your Nalgene bottles for drink mixes. This will be the only one that gets **anything** other than water and will go in bear bag each night.
- ❖ If you want your Scout to take Advil/Tylenol, he can bring his own with a signed permission slip. We will not supply the entire crew.
- ❖ The Personal First Aid Kit is just for your own blister/foot care. We will have a well stocked Crew First Aid kit.
- ❖ Small, lightweight Day Pack will be used on side hikes, like to Mt. Baldy to carry food, water, 10 E's. Something like a REI® Flash 18, or the removable top of a backpack. This should be shared with tent partner. If your side hike includes a commissary pick-up, you will probably bring several empty backpacks for the food pick-up on the way back.
- ❖ Everyone needs to bring a watch, whistle, and UV block sun glasses.
- ❖ Recommend full-length vs.  $\frac{3}{4}$  length ground pads/mattresses.



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### Crew, or Tent-Mate Equipment (Shared)

DO NOT BRING ANY OF THESE ITEMS AS "PERSONAL EXTRAS" IN YOUR PACK!!!

Backpack Tent, including Ground Cloth, tent poles, and tent stakes **\*\*Must be meticulously clean in order to avoid attracting bears and other animals.** S

- Backpack Stove with fuel bottles/canisters (with repair kit) – 2 stoves per crew
- Stick Matches in each Stove bag – (2) small boxes – (keep in baggies)
- Water Filter (include repair kit) – (1/2) per crew *\*for prep hikes only*
- Micropur Water Purifier Tablets (*get @ Philmont*) **BB**
- 96 oz. Nalgene Canteens – (6/8) per crew
- Collapsible Water Bucket – (1/2) per crew *\*optional, mandatory with water filter*
- Bear Bags – 5 per crew
- Rope for Bear Bags (synthetic, ¼ - 3/8" diameter, 100' length) – 2 per crew
- Bag for bear bag storage: doubles as the "oops" bear-bag
- Bear Bag Throw Rope, pulley and small carabineer (*for the "oops" bear-bag*)
- Dining Fly Tarp (10' x 12') with Rope & Tent Stakes (*use trekking poles for poles*)
- Cooking Pots with Lids - 4 or 6 qt. (2)
- Kitchen Kit:** Plastic Serving Spoon & Spatula (or sm. Bowl scraper), hot-pot tongs, pot scrubbers, hot-pot glove, Hand Sanitizer (Purell®) **BB**
- Plastic Measuring Cup with handle (*scooping hot water*) – 1 per crew
- Camp Suds® (*used for dish washing and laundry*) – 1/2 per crew **BB**
- plastic strainer "Frisbee" for sump screen -or- pieces of mesh screen in baggie **BB**
- Spice Kit: (salt & pepper mix, etc.) **BB**
- Small Tyvex sheet kitchen setup *\*optional* **BB**
- "Poop Bag"** – Toilet Paper, moist towelettes, Small Trowel, Purell® hand sanitizer – carry in Ziploc baggie – (2) per crew **BB**
- Repair Kit:** duct tape, strong wire, safety pins, sturdy zip ties, heavy-duty thread & needle, dental floss (double duty), eyeglasses repair kit, shoe laces, pack belt buckles, nylon/Gortex material repair kit **BB**
- Leatherman® type "multi-tool" (*pliers, able to cut wire*) – 1 per crew
- Nail Clippers, Tweezers – (1/2) per crew
- First-Aid Kit (*well stocked for Crew, in waterproof bag or lrg. Zip lock baggie*) **BB**
- Binoculars/Monocular (compact, lightweight) *\*optional* (1-2 per crew)
- Playing Cards, lightweight games *\*optional*
- Candle Lantern *\*optional*
- Crew/troop flag (*photo op on Baldy*) *\*optional*
- Padlock for basecamp storage locker – (2) per crew



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## **\*\* DO NOT BRING THE FOLLOWING ITEMS \*\***

Metallic, porcelain, or otherwise heavyweight personal eating gear (*like Scout mess kit*), drinking cups (*like sierra cups*), utensils and canteens

Forks (don't need them, all you will need is a spoon)

Flashlight (only headlamp needed)

ANYTHING that requires "C" or "D" cell batteries (like flashlights)

Poncho style rain gear of any kind

Plastic or Rubberized Rain Gear (They weigh a ton, very hot, don't breath – must be breathable)

Anything Scented (sent added): soaps, shampoos, bug repellent, sunscreen

Anything packed in glass!!!

Personal "beauty" gear: including cologne, metal mirrors, hair spray or mousse, deodorant, shampoo

Anything that is aerosol sprayed (compressed air), pump style is OK

Any 100% cotton clothing: including blue-jeans, blue-jean jackets, sweatshirts, t-shirts, etc.

Heavyweight air mattresses or pillow. Don't bring cheap air mattresses (like from pool)

Leather or otherwise heavyweight belt (belt should be thin, lightweight, small plastic buckle)

Wallets, Keys or Coins, large pocket knife

ANY ENTERTAINMENT ELECTRONICS (iPod, Games, MP-3 Players, etc.)

Heavyweight sneakers

*Finally – Everything else you're not sure if you'll use – "If in doubt, chuck it out!"*

**This means if it's not on this list and it was not assigned as part of your Crew gear; it DOES NOT go in your pack.**

**\*GPS – Only Crew Advisors may bring one for emergency use only.**

**\*Talk-About Radios – Crew Advisors only.**