

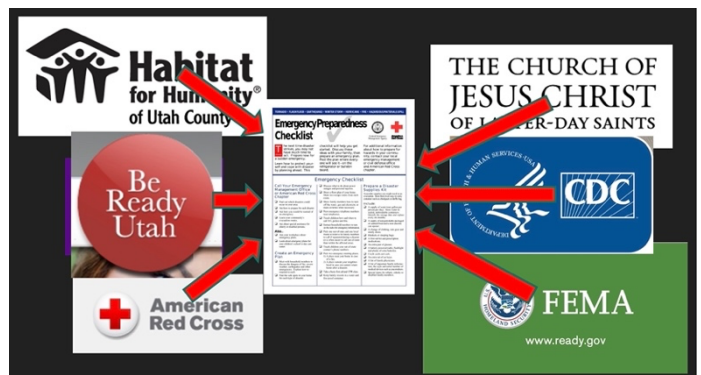
# Possibly ....

- ☑ **The Most Complete ...**
- ☑ **Best Researched ...**
- ☑ **Best Organized ...**
- ☑ **Longest Shelf Life ...**
- ☑ **Most Functional ...**

## 72-Hour Emergency Kit System Available

We researched some of the best emergency support and clean-up organizations in the country. We found that each (Red Cross, FEMA, LDS Church, Habitat-For-Humanity, Utah Be-Ready, and CDC) had their own unique recommended contents for 72-Hour emergency kits. We merged those checklists together into a new combined list effectively synergizing their respective experience and

understanding. We then built 72-hour kits that incorporate most of the combined list. Weight ... Size ... Cost ... and Functionality all played a part as we worked to develop the final product. One additional concern we addressed was shelf-life (SL) of perishable components. Careful effort was used in selecting items such as: 30 year SL Mountain House Adventure Meals (best in the business); 50 year and 30 year SL water; 20 Year SL batteries; 15 Year SL cooking fuel and more. After having acquired many of the commercially available kits, we were discouraged by how messy and unorg-



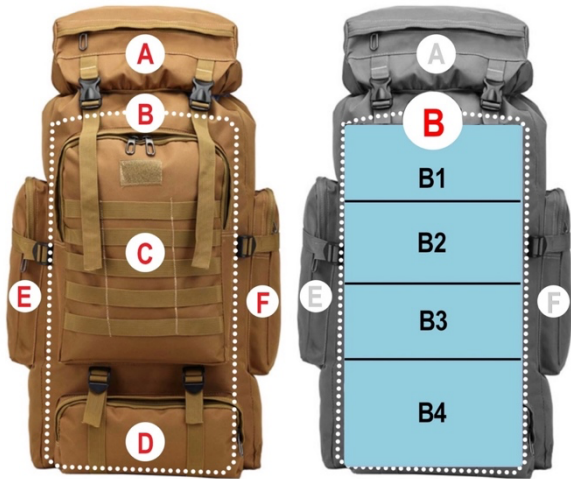
<b>PRIMARY-C</b>	
<b>FOOD</b>	
G	WATER (10 - Fifty-Year water cans, 12OZ each)
B4	WATER (1 - Puravel 33.8 OZ bottle - 20 Year shelf life)
B3	FOOD - Based On Cooked Food Meal Plan
B2	UTENSILS (plastic)
B2	CAN OPENER (8-in-1 Multi-use Knife)
<b>CLOTHES AND SLEEPING</b>	
JACKET (to be provided by kit owner)	
Closed-toe, sturdy shoes. (for getting through potentially challenging conditions) (to be provided by kit owner)	
E	GLOVES
E	PANCHO for rain
A	BLANKET
B5	SLEEPING BAG
B5	PILLOW
D	SLEEPING PAD
D	TUBE TENT
E	CORD (or nylon thick string)
<b>LOGISTICS</b>	
F	FLASHLIGHT (Forehead light recommended so hands are free)
F	EXTRA BATTERIES
F	BATTERY CASE
B2	MATCHES (water proof)
B2	LIGHTER
B2	DUST MASK (N95 if available) to help filter contaminated air.
E	WHISTLE (to signal for help)
Extra cash. (to be provided by kit owner)	
<b>SANITATION</b>	
B2	TOILET PAPER
B2	HAND SANITIZER
B2	BATH WIPES
B2	MOIST TOWLETTES
B2	TISSUE
B2	TOOTH BRUSH KIT
B2	TOWEL
B2	GARBAGE BAGS
<b>GENERAL ITEMS</b>	
B1b	COOKING BURNER (FOR COOKED FOOD OPTION)
B1b	BURNER FUEL (FOR COOKED FOOD OPTION)
B1b	PAN & BOWL (FOR COOKED FOOD OPTION) (for boiling water)
B1a	Battery-powered or hand crank radio and a NOAA Weather Radio with tone alert
B1a	PLASTIC SHEETING (to assist in sheltering)
B2	DUCT TAPE
B1a	TOOL: 8" Adjustable Wrench
B1a	TOOL: Groove-Joint Pliers
B1a	TOOL: Multi-purpose tool
B1a	TOOL: Screw Driver (multi head & fitting)
D	LOCAL MAP
B1a	AIR HORN
B1a	WATER FILTER (1 MICRON STRAW TYPE)
B1a	PAPER AND PENCIL
B2	WATER PURIFICATION TABLETS
F	CELL PHONE CHARGER
B2	COMPASS
C	FIRST AID KIT
IMPORTANT DOCUMENTS—copies of insurance policies, credit cards, ID,	
PRESCRIPTION MEDICATION (to be provided by kit owner)	

-anized they were. We were frustrated by how hard it was to find specific components ... particularly if you were in an emergency. We were determined to make ours neat and well organized with many compartments, including plastic internal compartments, in order to keep the components in neat logical groupings. We also incorporated a detailed listing of every component together with a KEY or LEGEND showing where each component is located. We laminated that KEY or LEGEND and attached it to the front of the backpack where it is easy to find and read.



### A TWO-PART SYSTEM OF BACKPACKS

We discovered that there are several items in the Combined Checklist, that actually do not need to be in each backpack. For example: If the backpacks are for a group like a family, then there only needs to be ONE cooking stove .... and ONE emergency NOAA radio .... and ONE large First Aid kit .... and ONE backup cell phone charger ... and ONE set of tools (for turning off water mains and gas lines) etc. Not only would it be redundant but also these items are expensive and heavy. Consequently, we developed a TWO backpack system. One we call PRIMARY which contains all the things that the group will need, plus the items for one person. The second backpack we call the DEPENDENT backpack which contains all the items to sustain one person but is dependent upon the PRIMARY backpack which has the stove and first aid kit, etc.



Our final effort was to send in an email a link that will update the computer or smart phone calendar of the owner with components within the backpack that will need to be replaced in time. Items like medicines, hand sanitizer and cell phone chargers need periodically replaced or recharged. The reminder will also give the location within the backpack where the item can be found.

