Possibly





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

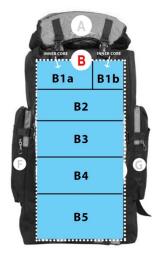
understanding. We then built 72-hour kits that incorporate most of the combined list. Weight ... Size ... Cost ... and Functionality all played a part as we worked to develop the final product. One additional concern we addressed was shelf-life (SL) of perishable components. Careful effort was used in 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-



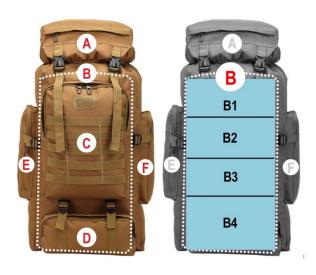
	PRIMARY-C
	FOOD
G	WATER (10 - Fifty-Year water cans, 120Z each)
B4	WATER (1- Puraval 33.8 OZ bottle - 20 Year shelf life)
B3	FOOD - Based On Cooked Food Meal Plan
B2	UTENSILS (plastic)
B2	CAN OPENER (8-in-1 Multi-use Knife)
	CLOTHES AND SLEEPING
	JACKET (to be provided by kit owner)
	Closed-toe, sturdy shoes. (for getting through potentially challenging conditions) (to be provided by kit owner)
E	GLOVES
E	PANCHO for rain
Α	BLANKET
B5	SLEEPING BAG
B5	PILLOW
D	SLEEPING PAD
D	TUBE TENT
Е	CORD (or nylon thick string0
_	LOGISTICS
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.
Е	WHISTLE (to signal for help)
_	Extra cash. (to be provided by kit owner)
	SANITATION
-	TOU ST DADED
B2	TOILET PAPER
B2	HAND SANITIZER
B2 B2	HAND SANITIZER BATH WIPES
B2 B2 B2	HAND SANTIZER BATH WIPES MOIST TOWLETTES
B2 B2 B2 B2	HAND SANITIZER BATH HIPES MOIST TOWLETTES TISSUE
B2 B2 B2 B2 B2	HAND GANITIZER BATH WIPES MOIST TOWLETTES TISSUE TOOTH SRUSH KIT
B2 B2 B2 B2 B2 B2	HAND AANTIZER BATH WIPES MOIST TOWLETTES TISSUE TOOTH BRUSH KIT TOWEL
B2 B2 B2 B2 B2	HAND SANITIZER BATH WIPES MOIST TOWLETTES TISSUE TOOTH SRUSH KIT TOWIEL GARBAGE BAGS
B2 B2 B2 B2 B2 B2 B2	HAND SANITIZER BATH WIPES MOIST TOWLETTES TISSUE TOOTH BRUSH KIT TOWIE. GARBAGE BAGS GENERAL TERMS
B2 B2 B2 B2 B2 B2 B2	HAND ANHTIZER BATH WIPES MOIST TOWLETTES TISSUE TOOTH BRUSH KIT TOWEL GARBAGE BAGS GUNEBALL ITEMS COCKING BURNER (FOR COCKED FOOD OPTION)
B2 B2 B2 B2 B2 B2 B1 B1b	I HAND SANTIZER ATH WIPES MOIST TOWLETTES TISSUE TOOTH SRUSH KIT TOWIEL CARBAGE BAGS CINIERAL TITALS COOKING BURNER (FOR COOKED FOOD OPTION) BURNER FUEL (FOR COOKED FOOD OPTION)
B2 B2 B2 B2 B2 B2 B2	HAND ANHTIZER BATH WIPES MOIST TOWLETTES TISSUE TOOTH BRUSH KIT TOWEL GARBAGE BAGS GUNEBALL ITEMS COCKING BURNER (FOR COCKED FOOD OPTION)
B2 B2 B2 B2 B2 B2 B2 B1b	IAND GANTIZER ACTH WIPES MOIST TOWLETTES TISSUE TOOTH SRUSH KIT TOWEL GARBAGE BAGS GINNERAL TIEMS COOKING BURNER (FOR COOKED FOOD OPTION) BURNER FUEL (FOR COOKED FOOD OPTION) FAN & BOWL (FOR COOKED FOOD OPTION) SERREY-POWER of hand crash radio and a NOAA Weather Radio with tone alert
B2 B2 B2 B2 B2 B2 B1 B1b B1b	IAND GANTIZER ATH WIPES MOIST TOWLETTES TISSUE TOOTH SRUSH KIT TOWIEL GARBAGE BAGS GENERAL TICHUS COCKING BURNER (FOR COCKED FOOD OPTION) BURNER FUEL (FOR COCKED FOOD OPTION) PAN & BOWL (FOR COCKED FOOD OPTION) BURNER FUEL (FOR COCKED FOOD OPTION) FAN & BOWL (FOR COCKED FOOD OPTION) BURNER FUEL (FOR COCKED FOOD OPTION)
B2 B2 B2 B2 B2 B2 B1 B1b B1b B1a	IAND SANTIZER ACTH WIPES MOIST TOWLETTES TISSUE TOOTH SRUSH KIT TOWEL GARBAGE BAGS GINNERAL TIENS COOKING BURNER (FOR COOKED FOOD OPTION) BURNER FUEL (FOR COOKED FOOD OPTION) PAN & BOWL (FOR COOKED FOOD OPTION) SURVEY FOW END FOOD OPTION (For boiling water) Sattery FOW end of a hand crank radio and a NOAA Weather Radio with tone siert PLASTIC SHEETING (to assist in sheltering) DUOT TAPE
B2 B2 B2 B2 B2 B2 B1b B1b B1a B1a B2	IAAND AANTIZER BATH WIPES MOIST TOWLETTES TISSUE TOOTH BRUSH KIT TOWIEL GARBAGE BAGS GENERALITIENS COOKING BURNER (FOR COOKED FOOD OPTION) BURNER FUEL (FOR COOKED FOOD OPTION) PAN & BOWL (FOR COOKED FOOD OPTION) BURNER FUEL (FOR COOKED FOOD OPTION) PAN & BOWL (FOR COOKED FOOD OPTION) FAN & BOWL (FOR COOKED FOOD OPTION) PAN & BOWL (FOR COOKED FOOD OPTION) PAN & BOWL (FOR COOKED FOOD OPTION) TO SETTING THE PASTOR SHEETING (to seatist in whetering)
B2 B2 B2 B2 B2 B2 B1b B1b B1b B1a B1a	IAND SANTIZER ANTH WIPES MOIST TOWLETTES TISSUE TOOTH SRUSH KIT TOWIEL GARBAGE BAGS GINNERAL TIESS GOOKING BURNER (FOR COOKED FOOD OPTION) BURNER FUEL (FOR COOKED FOOD OPTION) PAN & SOWL (FOR COOKED FOOD OPTION) BURNER FUEL (FOR COOKED FOOD OPTION) FALS EDIT (FOR COOKED FOOD OPTION) BURNER FUEL (FOR COOKED FOOD OPTION) FALS STOWL (FOR COOKED FOOD OPTION) BURNER FUEL (FOR COOKED FOOD OPTION) DUTTAME TOOL: STOWN OF THE
B2 B2 B2 B2 B2 B2 B1b B1b B1a B1a B1a B1a	IAND SANTIZER ATH WIPES MOIST TOWLETTES TISSUE TOOTH SRUSH KIT TOWIEL GARBAGE BAGS GINNERAL TITANS COOKING BURNER (FOR COOKED FOOD OPTION) BURNER FUEL (FOR COOKED FOOD OPTION) PAN & BOWL (FOR COOKED FOOD OPTION) PAN & BOWL (FOR COOKED FOOD OPTION) TOOL SETTING SHEETING (to seeled in sheltering) DUOT TAPE TOOL: 6" Adjustable Wrench TOOL: 6" Oroow-joht Pipers TOOL: 6" Oroow-joht Pipers
B2 B2 B2 B2 B2 B2 B2 B1b B1b B1a B1a B1a B1a B1a B1a	IAND SANTIZER ATH WIPES MOIST TOWLETTES TISSUE TOOTH SRUSH KIT TOWIEL GARBAGE BAGS GINNERAL TITANS COOKING BURNER (FOR COOKED FOOD OPTION) BURNER FUEL (FOR COOKED FOOD OPTION) PAN & BOWL (FOR COOKED FOOD OPTION) PAN & BOWL (FOR COOKED FOOD OPTION) TOOL SETTING SHEETING (to seeled in sheltering) DUOT TAPE TOOL: 6" Adjustable Wrench TOOL: 6" Oroow-joht Pipers TOOL: 6" Oroow-joht Pipers
B2 B2 B2 B2 B2 B1h B1hB1aB1aB1aB1aB1aB1aB1aB1aB1aB1aB1aB1aB1aB	IAND SANTIZER BATH WIPES MOIST TOWLETTES TISSUE TOOTH SRUSH KIT TOWEL GARBAGE BAGS GINNERAL TIESS GOOKING BURNER (FOR COOKED FOOD OPTION) BURNER FUEL (FOR COOKED FOOD OPTION) BURNER FUEL (FOR COOKED FOOD OPTION) PAN & SOWL (FOR COOKED FOOD OPTION) BURNER FUEL (FOR COOKED FOOD OPTION) PAN & SOWL (FOR COOKED FOOD OPTION) DUTTION: BATELY-powered or hand crank radio and a NOAA Weather Radio with tone siert RASTIC SHEETING (to assist in sheltering) DUCT TAPE TOOL: Grow-joint Piyers TOOL: Strow-york-pixer Piyers TOOL: Strow-york-pixer (will head & fitting)
B2 B2 B2 B2 B2 B1h B1hB1aB1aB1aB1aB1aB1aB1aB1aB1aB1aB1aB1aB1aB	IAND SANTIZER BATH WIPES MOIST TOWLETTES TISSUE TOOTH SRUSH KIT TOWEL GARRAGE BAGS GINNERAL TIEMS COOKING BURNER (FOR COOKED FOOD OPTION) BURNER PUBL (FOR COOKED FOOD OPTION) PAN & SOWIL, (FOR COOKED FOOD OPTION) PAN & SOWIL, (FOR COOKED FOOD OPTION) BURNER PUBL (FOR COOKED FOOD OPTION) PAN & SOWIL, (FOR COOKED FOOD OPTION) DUT TAPE TOOL: B'ADD SANTIAN (FOR COOKED FOOD OPTION) TOOL: G'ADD SANTIAN (FOR COOKED FOOD OPTION) TOOL: G'AD SANTIAN (FOR COOKED FOOD OPTION) TOOL: G'ADD SANTIAN (FOR COOKED FOOD OPTION) TOOL: G'ADD SANTIAN (FOR COOKED FOOD OPTION) TOOL: G'ADD SANTIAN (FOR COOKED FOOD OPTION) TOOL: G'AD SANTIAN (FOR COOKED FOOD OPTION) TOOL: G'AD SANTIAN (FOR COOKED FOOD OPTION)
B2 B2 B2 B2 B2 B2 B2 B1b B1b B1a B1a B1a B1a B1a B1a	IAND SANITIZER ACTH WIFES MOIST TOWLETTES TISSUE TOOTH SRUSH KIT TOWEL GARBAGE BAGS GINNERAL TIEMS COOKING BURNER (FOR COOKED FOOD OPTION) BURNER FUEL (FOR COOKED FOOD OPTION) BURNER FUEL (FOR COOKED FOOD OPTION) FAN & BOWL (FOR COOKED FOOD OPTION) FAN & BOWL (FOR COOKED FOOD OPTION) FOR A BOWL (FOR COOKED FOOD OPTION) TOOL OF A Adjustable Wrench TOOL: Grower point Pyers TOOL: Multi-purpose tool
B2 B2 B2 B2 B2 B1b B1b B1a B1a B1a B1a B1a B1a B1a B1a B1a B1a	IAND SANITIZER ACTH WIFES MOIST TOWLETTES TISSUE TOOTH SRUSH KIT TOWEL GARBAGE BAGS GINNERAL TIEMS COOKING BURNER (FOR COOKED FOOD OPTION) BURNER FUEL (FOR COOKED FOOD OPTION) BURNER FUEL (FOR COOKED FOOD OPTION) FAN & BOWL (FOR COOKED FOOD OPTION) FAN & BOWL (FOR COOKED FOOD OPTION) FOR A BOWL (FOR COOKED FOOD OPTION) TOOL OF A Adjustable Wrench TOOL: Grower point Pyers TOOL: Multi-purpose tool
B2 B2 B2 B2 B2 B1 B1bb B1a B1a B1a B1a B1a B1a B1a B1a B1a B1a	IAND SANTIZER ATH WIPES MOIST TOWLETTES TISSUE TOOTH SRUSH KIT TOWTH. GARBAGE BAGS GINNERAL TITANS COOKING BURNER (FOR COOKED FOOD OPTION) BURNER RUEL (FOR COOKED FOOD OPTION) PAN & BOWL (FOR COOKED FOOD OPTION) PAN & BOWL (FOR COOKED FOOD OPTION) TOOL STORM (FOR COOKED FOOD OPTION) PAN & BOWL (FOR COOKED FOOD OPTION) TOOL STORM (FOR COOKED FOOD OPTION) TOOL: OF Adjustable Wrench TOOL: OF Adjustable Wrench TOOL: Storw Driver (multi head & filting) LOCAL MAP AIR HORN WATER FILTER (1 MICRON STRAW TYPE) PAPER AND PENCIL
B2 B2 B2 B2 B2 B2 B1 B1bB1bB1a B1a B1a B1a B1a B1a B1a B1a B1a B1a	IAND SANTIZER ACTH WIPES MOIST TOWLETTES TISSUE TOOTH SRUBH KIT TOWEL GARBAGE BAGS GINNERAL TIEASS COOKING BURNER (FOR COOKED FOOD OPTION) BURNER FUEL (FOR COOKED FOOD OPTION) SURNER FUEL (FOR COOKED FOOD OPTION) PAN & SOWL (FOR COOKED FOOD OPTION) FOR STRUP, SOWER OF COOKED FOOD OPTION) PAN & SOWL (FOR COOKED FOOD OPTION) FOR STRUP, SOWER OF COOKED FOOD OPTION) LOUT TAPE TOOL: STRUP SOWER OF COOKED FOOD OPTION (FOR boiling water) STRUP, SOWER OF COOKED FOOD OPTION) TOOL: STRUP SOWER OF COOKED FOOD OPTION (FOR boiling water) TOOL: STRUP SOWER OF COOKED FOOD OPTION (FOR BOILING WATER FUEL FOR THE COOKED FOOD OPTION) TOOL: STRUP SOWER OF THE COOKED FOOD OPTION (FOR BOILING WATER FUEL FOR INSTITUTION) LOCAL MAP AIR HORN AIR HORN AIR HORN AIR HORN INICATION TABLETS
B2 B2 B2 B2 B2 B2 B1 B1bB1bB1aB1aB1aB1aB1aB1aB1aB1aB1aB1aB1aB1aB1aB	IAND SANTIZER ATH WIPES MOIST TOWLETTES TISSUE TOOTH SRUSH KIT TOWTH. GARBAGE BAGS GINNERAL TITANS COOKING BURNER (FOR COOKED FOOD OPTION) BURNER RUEL (FOR COOKED FOOD OPTION) PAN & BOWL (FOR COOKED FOOD OPTION) PAN & BOWL (FOR COOKED FOOD OPTION) TOOL STORM (FOR COOKED FOOD OPTION) PAN & BOWL (FOR COOKED FOOD OPTION) TOOL STORM (FOR COOKED FOOD OPTION) TOOL: OPTION (FOR COOKED FOOD OPTION)
B2 B2 B2 B2 B2 B2 B1 B1bB1bB1aB1aB1aB1aB1aB1aB1aB1aB1aB1aB1aB1aB1aB	IAND SANTIZER ACTH WIPES MOIST TOWLETTES TISSUE TOOTH SRUBH KIT TOWEL GARBAGE BAGS GINNERAL TIEASS GONERO BURNER (FOR COOKED FOOD OPTION) BURNER FUEL (FOR COOKED FOOD OPTION) PAN & BOWL, (FOR COOKED FOOD OPTION) PAN & SOWL, (FOR COOKED FOOD OPTION) PAN & SOWL, (FOR COOKED FOOD OPTION) BURNER FUEL (FOR COOKED FOOD OPTION) PAN & SOWL, (FOR COOKED FOOD OPTION) BURNER FUEL FOR COOKED FOOD OPTION) TOOL: GROW-DAY FUEL FOR COOKED FOOD OPTION (FOR bolling water) BURNER FUEL FOR COOKED FOOD OPTION) TOOL: GROW-DAY FUEL FOR COOKED FOOD OPTION (FOR bolling water) TOOL: SWILL SWILL FOR COOKED FOOD OPTION (FOR bolling water) TOOL: SWILL SWILL FOR COOKED FOOD OPTION (FOR bolling water) TOOL: SWILL SWILL FOR COOKED FOOD OPTION (FOR bolling water) TOOL: SWILL SWILL FOR COOKED FOOD OPTION (FOR bolling water) TOOL: SWILL SWILL FOR COOKED FOOD OPTION (FOR bolling water) TOOL: SWILL SWILL FOR COOKED FOOD OPTION (FOR bolling water) TOOL: SWILL SWILL FOR COOKED FOOD OPTION (FOR bolling water) TOOL: SWILL SWILL FOR COOKED FOOD OPTION (FOR bolling water) TOOL: SWILL SWILL FOR COOKED FOOD OPTION (FOR bolling water) TOOL: SWILL SWILL FOR COOKED FOOD OPTION (FOR bolling water) TOOL: SWILL SWILL FOR COOKED FOOD OPTION (FOR bolling water) TOOL: SWILL SWILL FOR COOKED FOOD OPTION (FOR bolling water) BURNER FUEL FOR COOKED FOOD OPTION (FOR bolling water) BURNER FUEL FOR COOKED FOOD OPTION (FOR bolling water) BURNER FUEL FOR COOKED FOOD OPTION (FOR bolling water) BURNER FUEL FOOD OPTION (FOR bolling water) BURNER FUEL FOR COOKED FOOD OPTION (FOR bolling water) BURNER FUEL FOR COOKED FOOD OPTION (FOR bolling water) BURNER FUEL FOR COOKED FOOD OPTION (FOR bolling water) BURNER FUEL FOR COOKED FOOD OPTION (FOR bolling water) BURNER FUEL FOR COOKED FOOD OPTION (FOR bolling water) BURNER FUE

-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.

