

Ready Go-Kits for deployment,  
From Collins Co ARES  
Aired By Marida Borrromeo KD5BJ

These suggestions come from Collin Co. ARES. They are very complete and seem to me overwhelming to prepare. Nevertheless, they give us an idea on how to be as prepared as we possibly can.

Each member of an ARES organization must always consider that he or she will be asked to take a field assignment providing communication as a part of an emergency service response. In order to respond as quickly as possible, it is important to have a "Ready Go-Kit". Your ready go-kit should contain all necessary equipment to operate your radio station and to support yourself for assignments up to 72 hours in duration. *(96 hour kits are now being recommended.)*

## Power

Your radio 72-hour kit (96 hours now recommended) should have several sources of power in it, with extra battery packs and an alkaline battery pack for your HT. For mobile VHF and UHF radios, larger batteries are needed. LiFePo, Gel-cell or deep cycle marine batteries would be good sources of battery power. You must keep them charged and ready to go. Have more battery capacity than you think you might need. Have several methods available to connect your radios to different power sources.

It is also wise to have alternative means available to charge your batteries during the emergency. You can charge smaller batteries from other larger batteries. You can build a solar charging device. If you have access to an electrical generator, be sure to have enough fuel to keep it running when you need it.

## Antennas & Coax

You can expect to need some kind of gain antenna for your HT, as well as an additional gain antenna that can be used on either your HT or your mobile rig. The extra antenna might be needed by someone else, or your first antenna might break. For VHF and UHF, you can build a J-pole from a TV twin lead, for an inexpensive and very compact antenna. Have several lengths of coax in your kit, totaling at least 50 feet and with barrel connectors to connect the lengths together.

## Personal

Include staples: water, enough for three days (1 gallon per person per day), or a reliable water filtration and purification system; enough food for three days, eating utensils, a drinking cup and, if needed, a means of cooking your food. You will also need any prescription medications, spare eyeglasses, hearing aids and other personal items you might need. You should plan on having shelter and sleeping gear. Here you are only limited by the size of your kit and the thickness of your wallet. At a minimum you should plan on having a tent and sleeping bag.

Light is vitally important if you need to work at night. Make sure that you have several light sources available that will provide you with this ability. All sorts of battery-power are available and propane or gasoline fueled lanterns are also good possibilities.

## Basic Deployment Equipment Checklist

### First Aid Kit

- Paper and pencils & pens
- Message forms
- Log books
- Carbon paper
- Area maps
- Band-Aids, small & large
- Band-Aids, finger & knuckle
- 2"x2", 3"x3" gauze pads
- Butterfly closures
- Triangular bandage
- Emergency dental kit
- Blister care kit
- Imodium & Benadryl or other anti-allergy tablets
- Aspirin, Tylenol or other painkillers
- Rehydration powder

### Personal Kit

- 3 day change of clothes
- 3 day supply of water  
(minimum 1 gallon per day)

3 day supply of food, snacks  
Foul weather gear  
Shelter (tent and sleeping bag)  
Portable stove  
Mess kit with cleaning kit  
Prescription medication  
Flashlight, candles, lanterns  
Alarm clock  
Soap or waterless cleanser  
Handi-wipes  
Toothbrush & other toilet articles  
Waterproof matches & lighter  
Throat lozenges  
Sewing kit & safety pins  
Hardhat  
Dust masks  
Ear plugs  
Cash (not credit or ATM cards)  
Hat  
Sunglasses  
Water filter or purification tablets

**\*\*Remember to check/rotate your supplies. A running inventory is recommended.**

#### Tool Kit

Pliers  
Wire cutters, small and large  
Wire strippers – small and large  
Vise grips  
Screwdrivers, various sizes  
Adjustable crescent wrenches

Socket & ratchet set  
20 watt soldering iron and solder  
60 – 80 watt iron (not gun)  
Multimeter  
AC tester  
Electrical tape  
Duct tape or gaffers' tape  
Safety glasses  
Spare power connectors  
100 ft rope  
AC power bars  
100 ft of extension cords  
Pipe clamps, various sizes  
Spare RF connectors  
Spare Anderson Powerpoles  
Spare 12ga zip cord  
Miscellaneous wire

#### Record Keeping Kit

There are other items for radio equipment and such. They are attached to this training which is uploaded on our website. Attached are also sources to buy these items. Please remember that emergencies and disaster do not come with announcements. Let's be diligent to prepare what we may need, choose what to buy, a little at a time for not breaking the bank. Items will not be available during emergencies and disasters, planned preparedness is the best way to survive and recover somewhat faster at home, for our loved ones, and for us on deployment.

This is KD5BJ, back to net control.

Radio Equipment Checklist for Standard Resource Functions (Also refer to [ARR](#))

Resource CRF- S - Shadow Kit

## Resource CRF- B - Base Kit

2-meter HT

2-meter mag mount antenna

2x 25ft coax

Ear phone, external speaker

Extra batteries

Battery chargers

Audio patch cords

2-meter mobile radio

20 ft portable mast

Guy wires & tripod

Base antenna (j-pole or other)

2x 25ft coax, 2x 50ft coax

Headphones, external speaker

Audio patch cords

RF Connectors

Batteries / generator

Power supply

Fluorescent or LED desk lamp

## Resource CRF- H - HF

2-meter mobile radio & mic

2-meter mag mount, antenna

1x 25ft coaxial extension

RF adapters

Headphones, external speaker

Audio patch cords

RF Connectors

Batteries, chargers

GPS receiver would be handy!

HF radio for 20, 40, 80 meters

20 ft portable mast

Guy wires & tripod

Standard antennas

NVIS antenna

2x 25ft coax

2x 50ft coax

Headphones, external speaker

Audio patch cords

RF Connectors

Batteries / generator

Power supply

Fluorescent or LED desk lamp

Resource CRF- M – Mobile Kit

Resource CRF- DA & DM

Resource CRF- DT

2-meter mobile radio

Laptop w configured software

TNC or equivalent

20 ft portable mast

Guy wires & tripod

Base antenna (j-pole or other)

2x 25ft coax, 2x 50ft coax

Headphones, external speaker

Audio patch cords

RF Connectors

Batteries / generator

Power supply

12v DC to 120v AC converter

2-meter mobile radio & mic

2-meter magmount, antenna

TNC, Tinytracker or equivalent

GPS receiver

GPS to TNC cables

TNC to Radio cables

1x 25ft coax extension

RF adapters

Batteries, chargers

### ***Ready Kit Sources - Containers***

MTM Case-gard (spud boxes) <http://www.mtmcas-gard.com>

Plano Molding <http://www.planomolding.com>

SKB <http://www.skbcases.com>

Pelican <http://www.pelican.com>

Tac-Comm <http://www.tac-comm.com>

Hammobox <http://www.hammobox.com>

### ***Ready Kit Sources - Tools & Vehicle***

Home Depot <http://www.homedepot.com>

Lowe's <http://www.lowes.com>

Harbor Freight <http://www.harborfreight.com>

Northern Tool + Equipment  
<http://www.northerntool.com>

**Ready Kit Sources – Personal Supplies**

Academy Sports	<a href="http://www.academy.com">http://www.academy.com</a>
REI	<a href="http://www.rei.com">http://www.rei.com</a>
Sports Authority	<a href="http://www.sportsauthority.com">http://www.sportsauthority.com</a>
Sportsman’s Warehouse	<a href="http://www.sportsmanswarehouse.com">http://www.sportsmanswarehouse.com</a>
Bass Pro Shops	<a href="http://www.basspro.com">http://www.basspro.com</a>
Cabela’s	<a href="http://www.cabelas.com">http://www.cabelas.com</a>
Tactical Gear Now	<a href="http://www.texasarmynavy.com">http://www.texasarmynavy.com</a>
Minimus.biz	<a href="http://www.minimus.biz">http://www.minimus.biz</a>
Countycomm	<a href="http://www.countycomm.com">http://www.countycomm.com</a>
MRE Info	<a href="http://www.mreinfo.com">http://www.mreinfo.com</a>
Adventure Medical Kits	<a href="http://www.amkdealer.com/">http://www.amkdealer.com/</a>
Moore Medical	<a href="http://www.mooremedical.com">http://www.mooremedical.com</a>