

# Go-KIT

## As in PACARC ARES EmComm Plan for Anderson County

The following list of radio communication equipment is designed as a basic “comm-kit” or “go-kit” for use with an amateur HF transceiver, and VHF and/or UHF handheld transceiver. Most supplies are listed under the VHF/UHF section.

### HF

1. HF Transceiver and Power Supply
2. Antenna Tuner and SWR Bridge
3. Antenna analyzer
4. Multiple pieces of short coax
5. Coax barrel connectors
6. Emergency generator / battery(s) / solar panels / gasoline
7. Extension cord with multiple outlets
8. Antenna and coax lead-in / cord for stringing up antenna
9. Poles and cord to secure for antenna
10. Headphones

### VHF/UHF

1. VHF handheld radio w/stock rubber duck antenna, charged battery and owner’s manual. A VHF/UHF dual-band would be a plus over the single band radio.
2. AA alkaline battery case for backup
3. Spare AA batteries (preferably two packs, if the HT uses 6 batteries, have 12 on hand)
4. RF adapters – (2) PL259 to BNC female; (2) BNC male to SO239; (1) SO239 to SO239 barrel connector; and any other connectors as may be needed for your HT ex. SMA to BNC.
5. COAX jumpers – at least two 3-6 foot COAX jumpers (RG-58 or RG-8X), one
6. with BNC connectors and the other with PL259 connectors.
7. Spare rubber duck antennas
8. Window clip mount for rubber duck antennas

9. Roll-up J-pole antenna for *2 meters*
10. 50 – 100 feet of fishing line and weights to hang J-pole antenna
11. Roll of masonry twine for general purposes
12. Small magnet mount antenna, (ex: MFJ-1722 VHF/UHF UltraLite)
13. Approx. 15 – 30 feet of spare COAX cable (50-100 feet preferred)
14. AC power adapter/battery charger for your specific HT
15. 12 volt cigarette lighter cord for HT
16. Appropriate spare fuses for 12-volt cord
17. 12-volt extension cord
18. Standard power connectors (Anderson Power Poles)
19. Headphones and/or earpiece
20. Speaker microphone along with any necessary adapter for your specific HT
21. Headset microphone along with any necessary adapter for your specific HT
22. Assortment of audio adapters/connectors
23. Note pad, radio log, pencil & pen
24. NTS message forms
25. List of NET and alternate frequencies
26. Multi-purpose tool & precision screwdrivers
27. Roll of Duck Tape
28. Roll of electrical tape
29. Small assortment of 12-volt wire connectors
30. Wire cutter/stripper
31. Tape measure

32. Soldering iron with solder
33. Copy of amateur operator's license
34. Small SWR meter w/patch cable and connectors
35. Small multi-meter
36. Small lead acid gel cell battery
37. SOLAR charger for battery (if possible)
38. Roll of bright pink or Day-Glo orange surveyor tape (great for marking antenna guy wires and/or cables as well as ground planes for low hanging antennas)
39. 25 to 50 foot AC extension cord

**Comfort Items:**

1. Foul weather gear
2. Aspirin or acetaminophen
3. Throat lozenges
4. Flashlight (preferably with spare batteries; an L.E.D. light will last a long time)
5. Survival blanket (silver space blanket or a regular blanket)
6. Basic First Aid kit
7. Prescription medications
8. Latex gloves
9. Toiletries (including your own toilet paper)
10. Dry soups and snack stuff
11. Hat and/or sunglasses
12. Sunscreen
13. Insect repellent
14. Canteen or water bottle
15. AM/FM broadcast radio
16. NOAA weather radio (with appropriate S.A.M.E. codes if applicable)