



Deployment/Go -Kits and Suggested Items

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Legend

- R = Required - must have in kit at all times
S = Strongly Recommended - likely useful on assignments
O = Optional - useful on some assignments

Identification - Carry at all times

- R TX Driver's license or TX issued ID card
R Amateur Radio license
R Garland RACES ID Badge

2-8 Hour "Everyday" Carry Kit

Purpose: To be kept nearby at all times for immediate (within minutes) communication response.

Kit Items:

- R 2m/70cm dual-band radio (ARR-S recommended)
HT recommended (min. 5W)
Mobile 25W optional (In vehicle if not far away)
Programmed with area Net frequencies
R Charged batteries for 2-3 hours operation
R 2m/70cm dual-band mobile antenna (mag mount, window mount or existing mobile antenna)
R Garland 1K, Dallas Co. 5K USNG Grid and MAPSCO Maps
R CCRM Reference Manual
R Notepad / pens / pencils
S Cigarette lighter adapter
S GRACES and personal telephone contact list
S Cell phone
S Water (Two 16 oz. bottles) & non-melting snacks
S Toilet paper & Trash bags (2)

24-Hour Go Kit

Purpose: Pre assembled for fully independent operation; unknown environment (heat, cold, wind, rain); unknown time (day, night, up to 24 hours). Return home to retrieve.

Equipment

Portable Radio: - ARR-B, ARR-M and/or ARR-TM

- R 2m/70cm dual-band Transceiver
minimum 25W
dual-receive recommended
R Radio user manual or cheat sheet
R Earbud or headphones minimum; headset, earbud/mic, or speaker/mic/earbud, or similar recommended

Antennas:

- R Min. 25 feet of 50 ohm coaxial cable (RG-8X)
R 2m/70cm dual-band magnetic mount antenna
S 2m/70cm high gain HT antenna

- S 2m/70cm dual-band portable base gain antenna
S Portable mast (elevates antenna min. 10 ft.)
S Tripod or self-supporting base for mast
S Window clip antenna mount (for non-metallic vehicles)

Power Source:

- R Charged batteries for 12 hours (min. 3000 mAh)
R Spare fuses
R Power cord adapters - connect to various power sources:
with RACES standardized Powerpole connections
Cigarette lighter socket/adaptor
Vehicle battery terminals
R 10 Ga. DC power cable with Powerpoles (10')
S Powerpole splitter or fused distribution panel
S Extension cord, 3-wire, 3-6 ft., multi-outlet (18Ga. Min)
O Extension cord, 3-wire, 50-100 ft. (16 Ga. Suggested)
O DC Power Inverter

Other Communications Gear:

- R Connector adapters: Minimum of 2 each
BNC/M -> UHF/F & BNC/F -> UHF/M
SMA/M -> UHF/F (HT antenna adapter)
UHF/F -> UHF/F barrel adapter (PL-258)
N-type/M -> UHF/F (UG-146) & N-type/F -> UHF/M (UG-83)
S Cell phone & charger and/or cigarette lighter adapt.
S Small backpack, vest, chest harness or other similar method for carrying HT while operating portable
S Additional 25' to 50' coax cable w/PL-258 (RG-8X Type)
O Portable Printer
O FRS Radio (2 recommended)

Tools:

- R Small multi-tool or tool kit
S Duct/Gaffers & Electrical Tape
S Nylon Tie-Wraps/wire ties
S Utility knife
S Volt-Ohm meter
S Small kit of commonly used tools
O SWR/Power meter

Operating Position:

- S Sign(s) for operating position
S Lighting for operating position
S Rope or Dacron cord (50')
S Folding chair & table
R USB Memory stick or Thumb Drive
O Magnetic sign for car
O Pop-up Canopy
O Tarp (8' by 8' or larger)
O Safety strobes or flares
O Caution/flagging tape (for marking cables, antennas, etc.)



# Garland Radio Amateur Civil Emergency Service

## Garland Amateur Radio Emergency Service



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| <b>Documentation</b>   | O Chemical light sticks  |
| <b>Maps:</b>   | <b>Clothing:</b>   |
| R USNG & MAPSCO single page grid maps                        | R Sturdy, closed-toe shoes/boots w/extra laces (no sandals)                            |
| R Compass and/or GPS   | R Long pants (no shorts)   |
| S City, county, state or other detail maps                   | R Hat (broad brim recommended)   |
| <b>Forms and Documentation:</b>                              | R Seasonal jacket / rain gear  |
| R Garland RACES Operations & Procedures Notebook             | <b>Toiletries:</b>   |
| R ICS 205- Communications Plan (min. 5 ea.)                  | R Hand soap and/or sanitizer   |
| R ICS 211A/BLMRS Card - Communications Check-In (5 ea.)      | R Toilet paper   |
| R ICS 213- Message (10 ea.)                                  | S Sugarless Gum (dental care substitute)   |
| R ICS 214- Unit Activity Log (5 ea.)                         | <b>Food &amp; Water:</b>   |
| R ICS 309- Communications Log (10 ea.)                       | R Food for 24 hours (make your own list)   |
| R GRACES Rapid Damage Assessment form (3 ea.)                | R Water for 24 hours (3-4 quarts recommended)  |
| R ARRL message forms (5 ea.) & number list (Welfare Traffic) | S Small cooler or ice chest  |
| S Insurance Card, Power of Attorney, emergency contacts      | <b>As Needed / Appropriate:</b>  |
| <b>Logging / Note taking:</b>                                | <input type="checkbox"/> Prescription medications for assignment duration              |
| R Clipboard (covered type recommended)                       | <input type="checkbox"/> List of medication used (medical card)                        |
| R Notepads (standard or waterproof) & Sticky Note Pads       | <input type="checkbox"/> Eyeglasses & spare  |
| R At least 2 pens / pencils                                  | O Tylenol, Antacid tablets, Topical antiseptic lotion                                  |
| O Highlighters / felt-tip pens                               | O Personal hygiene items   |
| <b>Contact Lists:</b>  | <b>Miscellaneous (as needed)</b>   |
| R Voice and Digital Frequency Lists (ICS-205 & 205A)         | <input type="checkbox"/> Portable AM radio and spare batteries                         |
| O Police/Fire direct dial phone numbers                      | <input type="checkbox"/> Binoculars  |
| O Repeater directory   | <input type="checkbox"/> Baggies to seal/protect items                                 |
| <b>Personal Gear</b> (See Notes)                             | <input type="checkbox"/> Shovel  |
| <b>Vehicle:</b>  | <input type="checkbox"/> Fire extinguisher   |
| R In reliable operating condition                            | <input type="checkbox"/> Disposable camera   |
| S Fueled – minimum ½ full at all times                       | <input type="checkbox"/> Shade cover for computer display                              |
| S Jumper cables  | <input type="checkbox"/> Portable Document Scanner                                     |
| <b>General Items:</b>  | <input type="checkbox"/> Comfort items – e.g., family photos, cards, spiritual item(s) |
| R Cash / Travelers Checks (small bills and quarters)         | <b>Operator Function Specific Equipment Kits</b>                                       |
| R Watch or clock/alarm clock                                 | Check your personal capability – Kits are Equipment only                               |
| R Trash and various size storage bags                        | <b>Mobile Radio Kit:</b>   |
| S Paper Towels   | <input type="checkbox"/> Amateur Radio Resource- M                                     |
| <b>Personal Safety Gear:</b>                                 | <b>Base or Field Radio Kit:</b>  |
| R Flashlight or headlamp and spare batteries for 24 hours    | <input type="checkbox"/> Amateur Radio Resource- B                                     |
| R Safety vest, ANSI standard (lime yellow recommended)       | <b>Shadow or Portable Radio Kit:</b>   |
| S First Aid kit (GRACES Recommended)                         | <input checked="" type="checkbox"/> Amateur Radio Resource- S                          |
| S Whistle  | <b>VHF/UHF Digital Data Radio Kit: (Packet)</b>  |
| S Work gloves (leather)                                      | <input type="checkbox"/> Amateur Radio Resource- TM                                    |
| S Sunglasses   | <b>MESH Networking Operations</b>  |
| S Sunscreen lotion (SPF 30 or greater)                       | <input type="checkbox"/> Amateur Radio Resource- DN                                    |
| S Insect Repellent   | <b>HF Voice Operations</b>   |
| S Safety glasses   | <input type="checkbox"/> Amateur Radio Resource- H                                     |
| S Mask (NIOSH-certified N95 or better)                       | <b>HF Digital Operations</b>   |
| O Hearing protection (e.g. foam ear plugs)                   | <input type="checkbox"/> Amateur Radio Resource- SM                                    |
| O Hard hat (GRACES standard recommended)                     |  |
| Garland, Texas ARES®/RACES Go-Kits                           |  |



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Extended Deploy or 72 Hour Go Kit

Purpose: Personal items recommended for independent operation over an extended period of time. Used in away situations or where returning home after shift is not possible or not ideal. Typically an away deployment.

As Needed for Extended Deployment

Power Source:

- Regulated DC power supply
Battery charger
Spare batteries (for charging while operating)
Portable generator and fuel
DC distribution panel & cables (Powerpoles recommended)

Clothing:

- Plan a 1-weeks supply of comfortable clothing including undergarments to match the weather conditions
Warm clothing (preferably in layers)
Pants, long (3-5) and belt
Shirts (3-5) Long- and short-sleeve (as appropriate)
Under garments (5-7 sets)
Socks (5-7 sets)
Alternate boots or shoes ("Tennis" shoes non-preferred)
Rain gear
Jacket
Sleepwear
Cold water laundry soap (e.g. Woolite)

Food and Water:

- MREs (self heating) or other non-perishable meals (5-10)
Water (1 gal/day recommended, depending on conditions)
Water purification tablets or devices
Can opener
Cooler or ice chest
Coffee cup, Bowl and eating utensils

Shower Items:

- Towel (or large "Wet Wipes") and washcloth
Soap and shampoo
Safety Razor, blades and shaving cream
Toothbrush and toothpaste
Comb and/or brush
Deodorant/antiperspirant
Wash basin (in case of no sink)

Shelter:

- Sleeping pad and/or ground cover
Sleeping bag/blanket - Blanket - Pillow
Tent
Alarm clock

Personal Go Kit Items/Notes:

Multiple horizontal lines for writing personal go kit items and notes.

Notes:

- 1. Increase personal items in 24 Hr. Kit (meds, money, snacks, & such) to last for at least a 7 day deployment.
2. The 24 hour kit includes the "Everyday" kit; the 72 hour kit includes the 24 hour and the "Everyday" kit.
3. For SkyWarn reporting, 25Watts min to antenna required.
4. Best to pack in soft sided luggage and mark all equipment and items.
5. In most instances 24 hour and away assignments will be in teams of no less than two communicators.

Thanks go to Grayson and Santa Clara County ARES/RACES in developing this resource document.