

MARA COMMO TRAILER CHECK LIST

Battery or Small Generator Setup

SETUP (Mission dependent)

- ✓ Level Trailer and deploy rear drop support jacks
- ✓ Turn on 1 propane bottle
- ✓ Hook up drop light (**Cold Weather Only**) for propane bottles and wrap with space blanket
- ✓ Break out Power Cord to small generator
- ✓ Make sure chocks are in place
- ✓ Unlock back Door/Ram
- ✓ Turn on heater (**if required**)
- ✓ Off load portable tower if loaded
- ✓ Prep and install Honda 2KW generator (**setup for best noise discipline**)
- ✓ Switch to inverter mode if AC is required without small generator
- ✓ Check APRS VHF Radio, shift status to Operational and input Location Narrative, (144.390 Mhz)
- ✓ Turn on main repeater VHF Radio (147.330 Mhz)
- ✓ Turn on local Simplex VHF Radio (147.300 Mhz)
- ✓ Brief Mission and Mission Requirements
- ✓ Deploy awning if required (**If windy do not use**)
- ✓ Setup Weather Station & Extend mast
- ✓ Setup Packet, node will depend on mission.
 1. Valley, (147.960 Mhz) or Eagle (145.01 Mhz) (**as required**)
 2. Winlink (144.900) WL7CVG-10 or (145.190) KL7JFT-10
- ✓ Install Collinear VHF antenna if needed off pushup mast or portable tower for Winlink ops
- ✓ Breakout logs/sign-in sheets & message forms
- ✓ Setup Scanner, DC or Wall-wart, (if not interfering with HF receiver)
- ✓ Turn on Aviation, Marine VHF, ALMR & CB as required
- ✓ Install required HF antennas dictated by communications requirements
- ✓ Setup HF Voice & Digital Stations, including Tuner, Rotor Control, as mission requires. (Use Linear only with support trailer generator, if required)
- ✓ Setup Portable Crank-up Tower and Rotor (if required)
- ✓ Assemble Beam and install on Tower
- ✓ Install G5RV inverted V or NVIS Antenna depending on mission
- ✓ Setup improved VHF/UHF J-pole and/or Beam if required
- ✓ Install printer & closed loop network & link all computers as needed.
- ✓ Check clock and sync with WWV.
- ✓ Setup amenities, coffee, microwave (requires Honda Generator to be used)
- ✓ Run phone cord to local service or field phones to supported agency (if required)

Note: If running only low power HF or just VHF, run everything off the batteries and inverter. HF wire antennas can be used off the pushup mast on the back of the trailer, without a portable tower or main support trailer. VHF Beam can be added as well as high gain VHF Collinear Antenna (**if required**) off the pushup masts. The Honda Generator is only needed to recharge the batteries or run the coffee pot or microwave. **5 Gal of gas will need to be provided for Honda. Do not run the linear or Electric Heaters off the Honda Generator.**

TEARDOWN

- ✓ Secure HF Station
- ✓ Orient Rotor to North (**if tower is up**)
- ✓ Takedown HF Antennas & Tower
- ✓ Shift to Trailer Antennas for VHF ops
- ✓ Drop improved VHF/UHF J-poles/Beam
- ✓ Pull Phone Lines
- ✓ Secure Aviation, Marine, ALMR and CB Radios as required
- ✓ Secure Scanner
- ✓ Secure Packet
- ✓ Secure Weather Station
- ✓ Pack Radios in Travel Case
- ✓ Pickup Table and Chairs and set for travel & secure awning (**if deployed**)
- ✓ Secure Generator and Crank-up Tower and load in trailer for travel
- ✓ Pull Propane Tank Drop Light (**if deployed**)
- ✓ Secure propane heater (**if on**)
- ✓ Turn off Propane
- ✓ Lock Back Door/Ramp
- ✓ Remove rear support jacks and store
- ✓ Turn off Repeater/Packet VHF Radio
- ✓ Set APRS VHF Radio for Digi operations, turn volume down
- ✓ Sign off on logs
- ✓ Secure all lights
- ✓ Inspect Trailer for Travel