

## EQUIPMENT MAINTENANCE RECORD

<b>Name of Equipment:</b>	<b>Command Runner</b>	<b>Serial Number:</b>		
<b>Task Description</b>	<b>Date Work Performed</b>			
	<i>Date</i>	<i>Date</i>	<i>Date</i>	<i>Date</i>
	<b>Maintainer Initials</b>	<b>Maintainer Initials</b>	<b>Maintainer Initials</b>	<b>Maintainer Initials</b>
Power, Computer, and Network Checks				
Software Maintenance				
VHF/UHF System Communication Checks				
HF System Communication Checks				
Battery Monitor / Cradlepoint Maintenance				
Generator Maintenance				
Radio Code Plug Maintenance				
Inspect, Clean, and Inventory Equipment				
Radio Firmware Maintenance				
Mechanical System Checks				

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<b>Power, Computer, and Network Checks</b>					
Test system operation using shore power.					
Test system operation using internal battery.					
Test operation of USB, Power Pole, and 12Vdc charging ports.					
Test operation of computer, keyboard, mouse, HDMI switch, and monitors.					
Test Cradlepoint WAN connectivity to both wired and cellular networks. Confirm auto switchover.					
Test operation of Cradlepoint WI-FI network.					
Test operation of VOIP phone.					
Test operation of TV Receiver.					
Test operation of Public Address System.					
<b>Software Maintenance</b>					
Check/Update Windows operating system.					
Check/Update Winlink Express application and templates.					
Check/Update virtual TNC Applications.					
<b>VHF/UHF System Communication Checks</b>					
Perform voice communication tests using amateur VHF/UHF radio.					
Perform voice communication tests using the VHF and UHF public safety transceivers.					
Perform voice communication tests using the 800/700 MHz public safety transceiver.					
Exchange Winlink traffic with EOC using VARA FM and VHF packet protocols. Confirm operation with both amateur and tactical addresses.					

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<b><i>HF System Communication Checks</i></b>					
Perform voice communication tests using amateur HF transceiver.					
Exchange Winlink traffic with EOC using amateur radio HF Vara and Pactor protocols.					
Exchange Winlink traffic with EOC using SHARES.					
<b><i>Battery Monitor / Cradlepoint Maintenance</i></b>					
Check/Update Victron Battery Monitor and Bluetooth Interface firmware.					
Check/Update Cradlepoint software.					
<b><i>Generator Maintenance</i></b>					
Check Engine oil level and replace as required.					
Check and clean the air filter.					
Check, clean, adjust, replace spark plug.					
Clean fuel tank filter.					
<b><i>Radio Code Plug Maintenance</i></b>					
Check and document the radio code plug version installed in the amateur VHF/UHF transceiver.					
Check and document the radio code plug versions installed in the VHF and UHF public safety transceivers.					
Check and document the radio code plug version installed in the 800/700 MHz public safety transceiver.					
Check and document the radio code plug version installed in the amateur HF transceiver.					

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<b><i>Inspect, Clean, and Inventory Equipment</i></b>					
Inspect and verify that the hitch assembly, rubber wheel chocks, and 15-ft mast are present and properly secured.					
Test brake, turn signal, and running lights.					
Clean computer monitors and radio displays.					
Inspect and Inventory contents of the two accessory storage drawers.					
Inspect / inventory contents of auxiliary equipment bag.					
<b><i>Radio Firmware Maintenance</i></b>					
Check and document the firmware version installed in the ICOM IC-F5021 VHF public safety transceiver.					
Check and document the firmware version installed in the ICOM IC-7300 HF Transceiver.					
Check and document the firmware version installed in the Motorola APX 4500 P25 public safety transceiver.					
Check and document the firmware version installed in the Motorola XPR 5550e UHF public safety transceiver.					
Check and document the firmware version installed in the SCS DR-7400 Pactor Modem.					
Check and document the firmware version installed in the Yaesu FTM-400XD amateur VHF/UHF transceiver.					
<b><i>Mechanical System Checks</i></b>					
Test parking brake system.					
Tighten hitch adaptor bolts.					
Inspect and lubricate as needed hitch adapter and thrust screw.					
Inspect and tighten pivot bolts.					

## EQUIPMENT MAINTENANCE RECORD – STATUS

<b>Name of Equipment:</b>	<b>Command Runner</b>	<b>Serial Number:</b>		
<b>Equipment Status</b>	<b>Date Value Recorded</b>			
	<i>Date</i>	<i>Date</i>	<i>Date</i>	<i>Date</i>
	<b>Value</b>	<b>Value</b>	<b>Value</b>	<b>Value</b>
<b>Battery Status Monitor Readings</b>				
Consumed Amp-Hours				
State-of-Charge				
<b>System Software Versions</b>				
Windows operations system version and build				
Winlink express version				
Winlink template version				
Vara HF version				
Vara FM version				
UZ7HO sound modem version				
Victron BMV-712 Battery Monitor version				
Victron BMV-712 Bluetooth Interface version				
Cradlepoint router version				
<b>Radio Firmware Versions</b>				
Yaesu FTM-400XD amateur VHF/UHF transceiver				
Motorola APX 4500 P25 public safety transceiver				
Motorola XPR 5550e UHF public safety transceiver				
ICOM IC-F5021 VHF public safety transceiver				
ICOM IC-7300 HF Transceiver				
SCS DR-7400 Pactor Modem				
<b>Radio Code Plug Versions</b>				
Yaesu FTM-400XD amateur VHF/UHF transceiver				
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	<b>Value</b>	<b>Value</b>	<b>Value</b>	<b>Value</b>
	ICOM IC-F5021 VHF public safety transceiver			
ICOM IC-7300 HF Transceiver				

<b>EQUIPMENT MAINTENANCE RECORD – NOTES</b>			
<b>Name of Equipment:</b>	<b>Command Runner</b>	<b>Serial Number:</b>	
<b>Date</b>	<b>Notes</b>		

## EQUIPMENT MAINTENANCE RECORD – SIGNATURE

Name of Equipment:

Command Runner

Serial Number:

Maint  
Activity

Date

Name

Initials

Call Sign

Signature