

CREW VEHICLE RECEIVER/JAMMER (CVRJ) 315 MHz TRAINING DEVICE



RECEIVER / TRANSMITTER



REMOTE CONTROL UNIT (RCU)

Training Category/Level Utilized:

Military Intelligence/Level 3

Logistic Responsible Command, Service, or Agency:

PEO-STRI, Orlando FL

Source and Method of Obtaining:

Available through local TSC

Purpose of Trainer:

Provides realistic training in the use of current electronic countermeasures (ECM) equipment in respect to an adaptive threat and the potential impacts of radio frequency (RF) emitters on C2 systems equipment.

Functional Description:

The CVRJ trainer provides a training simulator that looks, feels, and operates like the current ECM equipment fielded to operational units for protection against Radio-Controlled Improvised Explosive Devices (RCIED) with the exception that the Radio Frequency (RF) environment and emissions will reside in a virtual environment so as best to recreate battlefield conditions. This device operates at 315 MHz.

Physical Information:

Receiver / Transmitter Dimensions: 17.5" x 13.5" x 13.0" Weight: 24.0 lb.

Remote Control Unit Dimensions: 5.8" x 3.9" x 2.0"

Weight: 2.0 lb.

Equipment Required, Not Supplied:

The Receiver / Transmitter Unit: Mounted with commercial fasteners.

Remote Control Unit: N/A

Special Installation Requirements:

Receiver / Transmitter: Mounted in right-rear area of the vehicle.

Remote Control Unit: N/A

Power Requirements:

Receiver / Transmitter and Remote Control Unit: 24V vehicle power

Applicable Publications:

Operators Manual: 11-6920-70610

System Maintenance Manual: 11-6920-706-24 & P

Reference Publications:

None

Training Requirements Supported:

Individual Training: Any MOS with a mission requirement to operate a vehicle in an environment where the Radio Controlled Improvised Explosive Device threat is likely. Operators may also include military civilians and contractors.