JOINT DEPLOYABLE ELECTRONIC WARFARE RANGE

A HIGHLY PORTABLE ELECTRONIC WARFARE THREAT SIMULATOR.

The Joint Deployable Electronic Warfare Range (JDEWR) is a self-contained, high-mobility, full-effective radiated power (ERP) radio frequency (RF) threat emitter range system. JDEWR was designed as a “range-less” threat simulator that can be transported anywhere in the world where the warfighter needs electronic warfare training.

The portable range consists of a single command, control and communication (C3) vehicle; a portable communication network; and various trailer-mounted UnManned Threat Emulators (UMTE).

Customers may select any number of UMTE threats and specific threat types that meet specific training requirements. Each C3 vehicle can control multiple UMTEs simultaneously, and any number of UMTEs can be networked together to provide a robust training environment.
JOINT DEPLOYABLE ELECTRONIC WARFARE RANGE

JDEWR COMPONENTS

Customer provided 1/2 ton pickup or equivalent

Command, Control, Communication Vehicle

Portable Microwave Communication Tower

Unmanned Threat Emitters (UMTE) #1

Unmanned Threat Emitters (UMTE) #2

Unmanned Threat Emitters (UMTE) #3

An entire JDEWR with all of its components can be transported anywhere via a single Boeing C-17.

UMTE COMPONENTS

Quick-Erect Microwave Communications Mast

Helo Lift Rings (4x)

20 kW Remote-Controlled Diesel Generator with On-Board Fuel Tank

Infrared Camera for Day and Night EW Training

High Performance Pedestal

Full ERP Threat Transmitters (2x)

Microwave & Fiber Optic Communications

Quick Setup Trailer Towed by Commercially Available Pickup Truck

Fiber Optic Interface

Generator Stabilizing Jacks (4x)

Leveling Jacks (4x)

Fork Lift Pockets (2x)