

A Royal Malaysian Airman and a JDEWR systems controller, monitor aircraft. The Airman were trained on the JDEWR system, helping them to improve their capabilities. Photo courtesy of U.S. Air Force by Tech. Sgt. Araceli Alarcon.

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.



Components of a typical Joint Deployable Electronic Warfare Range consists of a command, control, and communication vehicle; a portable communication network; and various UMTEs.

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 Emitter (UMTE) #1

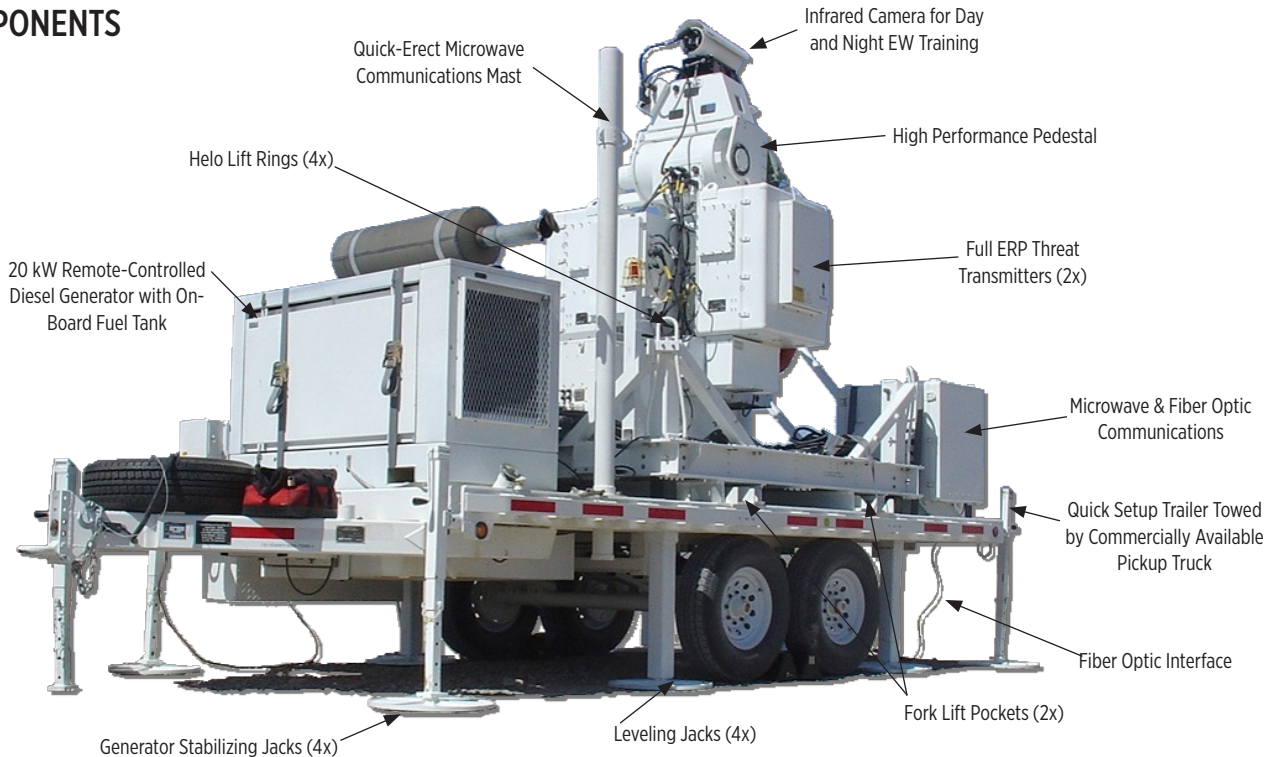
Unmanned Threat Emitter (UMTE) #2

Unmanned Threat Emitter (UMTE) #3



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

UMTE COMPONENTS



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