

INTELLIGENCE AND ELECTRONIC WARFARE TACTICAL PROFICIENCY TRAINER (IEWTPT)

**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:

The Intelligence and Electronic Warfare Tactical Proficiency Trainer (IEWTPT) is a non-system training device that is multipurpose and multi-intelligence discipline, that enables practical battle command training through the realistic simulation, stimulation, and presentation of Joint and Army intelligence capabilities.

Functional Description:

The IEWTPT is a new multipurpose and multi-intelligence discipline non-system training device that will enable training on war fighting Military Intelligence (MI) systems. IEWTPT provides the ability for MI commanders to conduct individual, crew, collective, and unit training.

The Intelligence Electronic Warfare Tactical Proficiency Trainer (IEWTPT) provides Warfighting commanders at all echelons the Intelligence, Warfighting Function (IWF) based on realistic Intelligence, Surveillance, and Reconnaissance (ISR) assets, people (maneuver commander, G-2, G-3, collection managers, analysts/operators), and processes. IEWTPT is a Non-System Training Device (NSTD) that stimulates and/or

replicates MI warfighting systems. IEWTPT provides proficiency training for operators and battle staffs and allows commanders to synchronize their ISR assets. Analyst/system operators are able to exploit exercise intelligence data during training just as they would in "real world" operations. IEWTPT is comprised of three components: Target Signature Arrays (TSA), Technical Control Cell (TCC) and the HUMINT Control Cell (HCC).

IEWTPT provides a realistic target environment for multi-intelligence disciplines including SIGINT, IMINT, HUMINT, CI, MASINT and OSINT. IEWTPT must stimulate multiple systems TSAs (TUAV, TES, CGS, GRCS, CHATS, ACS, Prophet, etc.). IEWTPT also provides static and dynamic training events. These training events include interactive environment for individual, collective and mission rehearsals/exercises and occur in an integrated, playback and stand-alone mode. IEWTPT

generates an After Action Review (AAR) of operator performance, crew performance and battle staff actions. It uses unclassified through classified data from the simulation/scenarios up to the Top Secret Sensitive Compartmented Information (TS/SCI) level.

The TCC must interface with the Combat Training Centers (CTC) and Homestation training instrumentation systems to provide a total battlefield picture.

The TSA stimulates the IEW war fighting equipment using the data propagated by the TCC. This netting of the TCC to TSA provides the architecture for MI unit level sustainment training. The TSA has the capability to record, and play back a scenario for standalone individual or crew training without the TCC. The nine IEW war fighting systems, identified below, will have a TSA built and installed by that specific IEW system Program Manager.

- Common Ground Station (CGS)
- Tactical Unmanned Aerial Vehicle (TUAV) (Ground Control Station (GCS))
- GUARDRAIL Common Sensor (GRCS) (Integrated Processing Facility (IPF))
- PROPHET (Ground, Air, Control)
- Counterintelligence (CI) Human Intelligence (HUMINT) Automation Tool Set (CHATS)
- Tactical Exploitation System (TES)/Distributive Tactical Exploitation System (DTES)
- Aerial Common Sensor (ACS)
- Distributed Common Ground System-Army (DCGS)

The HCC is the Army's latest sustainment trainer for HUMINT/CI Collectors. The HCC allows the HUMINT/CI Collector to gather intelligence information from the virtual human while a HUMINT/CI instructor monitors the student's performance. At the end of the tactical questioning training event, the HUMINT/CI collector reviews After Action Review statistics as well as HUMINT/CI instructor commands. The HCC currently is fielded with the IEWTPT at the Battle Command Training Centers. Finally, IEWTPT is transportable to support training if units are deployed.

Physical Information:

IEWTPT can be installed at fixed sites. Portable configurations are also available.

Equipment Required, Not Supplied:

These items should be provided by the simulation center responsible for running exercises supported by IEWTPT. These items include:

Constructive Simulations -

Tactical Simulation (TACSIM)

Combat Training Centers (CTC)

Joint Conflict and Tactical Simulation (JCATS)

Tactical Signature Arrays (TSAs) –

Common Ground Station (CGS)

Tactical Unmanned Aerial Vehicle (TUAV)

Tactical Exploitation System/ Division TES (TES/DTES)

Special Installation Requirements:

TCC size will vary from approximately 168 square feet for the single SECRET collateral enclave to approximately 336 square feet for the dual SECRET and TS/SCI enclave. Also needed are a safe and a secure telephone unit (STU) III or equivalent phone. Connection to the LAN/wide area network to the constructive simulation driver and out to the local TSA locations is required. Doors should be 36" wide by 84" tall or larger for ease of movement of the TCC equipment. Maintenance shop for TCC requires approximately 144 square feet and a storage area for spare parts requires approximately 144 square feet.

HCC installation size will vary from 132 square feet to 220 square feet depending on how the user decides to setup the room. There will be a projector, projection screen, computer and additional system components. The system is Unclassified, so there is no requirement for Classified Storage (safe) or secure telephone. HCC system is standalone and does NOT require network connection to LAN/WAN. Doors should be 36" wide by 84" tall or larger for ease of movement of the HCC Storage Cases. HCC sites can reuse the existing TCC maintenance area for storage of spares/cases. If site does not have a TCC, then approximately 10 square feet of storage space is required for spares and storage cases.

Power Requirements:

The TCC system requires 120 Volts Alternating Current (AC) provided to each Uninterruptible Power Supply (UPS) system located in the bottom transit case of each transit case stack.

- Power for a single TCC System requires four, 20 amp circuit drops, installed in the facility.
- Power for a dual TCC System requires seven, 20-amp circuit drops, installed in the facility
- HCC Power Requirements: Each HCC system requires

120 Volts AC on single 15 or 20 Amp Circuit to power.

No UPS is provided because all computer systems are Laptops and contain batteries.

Applicable Publications:

62-P56803H TCC Systems Security Authorization Agreement (SSAA)
98-P56873H TCC Software Version Description (SVD) document
99-P56791H TCC Fort Huachuca Site Survey Report
68-P56864H TCC Software User's Manual (SUM)
68-P56865H TCC Operator's Manual

Reference Publications:

None

Training Requirements Supported:

Enlisted MOSC:

33W

96B, 96D, 96H, 96U

97B, 97E

98C, 98G, 98G1A, 98Y, 98P

Enlisted Courses:

Phase II CMF 33 (1-33-C42 EW/Intercept Sys Maint Sup)

Phase II CMF 96 (2-96-C42 MI ANCOG)

Phase II CMF 98 (2-98-C42 EW/Cryptographic Sup)

NOTE: Junior and senior noncommissioned officers (same MOSs as above) will train by using the IEWTPT in a simulated operational environment in which they must perform/practice their staff and supervisory tasks.

Warrant Officers MOS:

350B, 350D, 350U

351B, 351E

352C, 352G, 352J

353A

Warrant Officer Courses:

MIWOBC (MOSs 350B, D, 350U, 351B, E, 352C, D, G, J, & 353A)

MIWOAC (MOSs 350B, D, 351B, E, 352C, D, G, J, & 353A)

Officers MOS:

35C, 35D, 35E, 35G

Officer Courses:

MIOBC

MICCC (MOSs 35C, 35D, 35E, & 35G)

NOTE: Field grade MI officers will train their MI units by using the IEWTPT in a simulated operational environment during which they must perform/practice their leadership, staff and supervisory tasks.

Assignment Specific Courses:

Counterintelligence Force Protection Source Operations (CFSO)

TES Analysis Course (TAC)

MI Pre-Command Course 2G-F41

G2/ACE Chiefs

CGSOC Advanced Individual Training Elective