



Electro-Optics/Night Vision

Tobyhanna Army Depot (TYAD) is the U.S. Army Center of Industrial and Technical Excellence (CITE) for Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR), Electronics, Avionics and Missile Guidance and Control. TYAD is the U.S. Air Force Technology Repair Center for Command, Control, Communications, Computers and Intelligence and Tactical Missiles.

CAPABILITIES

TYAD overhauls, repairs, modifies, tests and installs Electro-Optics/Night Vision (EO/NV) systems and laser and infrared components and systems.

EO/NV specialized facilities include three 10,000 class clean rooms, eight 100,000 Class Clean Rooms and two 300,000 Class Clean Rooms.

Various automated test equipment supports the EO/NV mission area. The Automated Laser Instrumentation and Measurement System Test Station provide diagnostics and alignments on Laser Modules, M1 Tank Thermal Receiving Unit, M60 Tank Laser Systems, Bradley Fighting Vehicle subassemblies and Night Vision Goggles. The Integrated Family of Test Equipment (IFTE), Agilent/HP3070 Systems and DIT-MCO Test Stations are additional test equipment integral to supporting the EO/NV mission.

SYSTEMS SUPPORTED

- AN/TVS-5 Night Vision Goggles
- AN/VAS-5 Driver Visual Enhancer (DVE)
- Thermal Imaging Systems
- Long-Range Advanced Scout Surveillance Systems (LRAS3)
- AN/TAS-4 Thermal Sights
- AN/UAS Family of Thermal Systems
- Common Remotely Operated Weapon Stations (CROWS)
- Improved Bradley Acquisition Systems (IBAS)
- Full Motion Video
- AN/VSQ-6A/B Vehicle Optics Sensors System (VOSS)

