



# Avionics/Intelligence Electronic Warfare Systems

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, tests, modifies, converts, demilitarizes and provides technical assembly and installation for airborne and electronic warfare systems and associated equipment for the Joint Warfighter.

Electronics, instrument and electronic integrated system mechanics provide an array of expertise in airborne communications/instrumentation/gyro, inertial and dopplar navigation and airborne and ground countermeasures systems.

Intelligence Electronic Warfare Systems field service representatives provide technical and logistical expertise in support of the Guardrail/Common Sensor (GR/CS) Signal Intelligence Systems and subsystems located worldwide.

Avionics and intelligence electronic warfare systems technicians utilize a multitude of specialized test equipment such as Tektronix Model 496 Spectrum Analyzer; Agilent Model 34401A 6½ Digital Multimeter; Tektronix Model 2467B 400 MHz Oscilloscope; Gigatronics Model 8542 Universal Power Meter; Various Unique System Hot Mock-ups and Integrated Family of Test Equipment.

### SYSTEMS SUPPORTED

- Common Avionics Architecture System (CAAS) CH-47F
- Joint Precision Airdrop System (JPADS)
- AN/ARC-186 Reciever Transmitter
- AN/ARC-164 Reciever Transmitter
- AN/AVR-2B(V) Laser Detection Set
- AN/APR-39 Radar Signal Detecting Set
- Defense Advanced GPS Receiver
- Vertical Instrument Display System
- AN/ALQ-144 Countermeasure Set
- AN/AAR-57 Common Missile Warning System
- AN/APX-118 Identify Friend or Foe Transponder
- GR/CS Signal Intelligence Systems
- AN/APX-123 Transponder
- AN/ARC-220/231 Receiver/Transmitter Radios
- Counter Remote Controlled Improvised Explosive Device Electronic Warfare
- Warlock Family of Electronic Countermeasure Systems
- Improvised Explosive Device Countermeasure Systems
- Depth Detector Type II

