



# Fabrication and Integration Support

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 has advanced capability to provide fabrication and integration support for all C4ISR systems to include:

- Full Structural Repair and Overhaul, including Disassembly and Integration of Shelters, Vans, Trailers, Track Trailers, and Tactical Systems such as, Radars, Satellite Communications Systems, Air Traffic Control and Surveillance Systems and Command and Control Systems.
- Fabrication of Mechanical, Electrical, Electronic and Electro-Mechanical Components and Assemblies
- Machining Operations Fully Equipped and Automated with Computer Numerically Controlled (CNC) Lathes, Vertical Milling Machines, Saws and Manual Lathes
- Sheet Metal Support with CNC Punch Presses, Precision Laser Cutting Machine, Water Jet Cutting Machine, and Brakes
- Welding for Aluminum (MIG and TIG) and Steel (MIG and Stick)
- Repair and Fabrication for Multi-Conductor, Large Gauge Power and Fiber Optic Cables, Harnesses and Circuit Card Assemblies
- Repair and Overhaul of Electrical Distribution Systems and Environmental Control Units
- Full Integration of Cables, Junction Boxes and Shelter Utilities
- Metal Photo Fabrication of Nomenclature/Schematic Metal, Vinyl or Plastic Nameplates, Labels and Decals
- Fabric Applications
- Woodworking

