

PHOENIX LOGISTICS INC.

**Position: CAD/CAM Design Technician**

**Revised: 3/22/17**

**Compensation Range: \$39,780 – 46,920 per year**

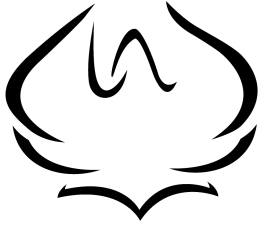
**Description:** Technical member of a multi-disciplinary engineering team that works at US Government sites to rapidly prototype and develop Aircrew Training Devices (ATD) and Aircrew Training Aides (ATA) for high performance aircraft. CAD / CAM Design Technician is responsible for working with the site manager, aerospace mechanical technician, electronics technician and computer specialist to design and develop ATD / ATA, maintain existing ATD / ATA and recommend concurrency modifications to existing ATD / ATA. Primary work location is Luke Air Force Base (AFB) with approximately 20% travel required to maintain systems at various Government locations in the Continental US (CONUS) and Outside CONUS (OCONUS). Ability to obtain a US Government SECRET level clearance is required.

**Responsibilities:**

- Develop CAD / CAM designs based on engineering sketches and concepts for new developments and concurrency revision of existing ATD/ATA
- Provide input to aerospace design activities
- Create accurate, clear, and complete documentation
- Overall design responsibility for ATA/ATD electro-mechanical packaging designs including sub-assemblies, piece parts and processes
- Provide cost estimates to the site manager related to development of new ATD/ATA
- Travel with the team, as required, to support diagnosis of ATD/ATA concurrency upgrades and maintenance failures
- Manages workload based on demands within PLI's Engineering Task Request (ETR) system
- Self-starter and team player with capabilities to juggle multiple demands in a dynamic, real world execution environment

**Key Skills and Goals:**

- Knowledge of fabrication machinery, tools, and equipment to include CNC-driven machines, 3D printing, laser cutting/engraving
- Knowledge of aerospace, automotive, or construction design and fabrication techniques and standards
- Ability to create industry standard blueprints/technical drawings/illustrations.
- Ability to implement part numbers, drawings, routings within the PLI automated ETR system
- Read and interpret Customer documentation and convert as required
- Able to conform to urgent situations and changing priorities



PHOENIX LOGISTICS INC.

**Position Requirements:**

- Mechanical engineering associates degree or equivalent experience including CAD/CAM certificate and two years of design/manufacturing experience
- Design experience with Solid Edge or Solid Works and Surf Cam software packages.
- Knowledgeable in industry drawing standards and Military Specifications
- Current SECRET clearance or ability to obtain a SECRET level US Government security clearance (to include extensive background checks and drug screening).