

## Designer Drafter

Apogee Worx, LLC. is hiring a Designers\Drafters. The ideal individual will have 5 years or more overall experience. You will be responsible for the creation of detailed design drawings and models working closely with Engineering, Program Management and Production. This position requires the candidate to work independently preparing clear, complete and accurate documentation and detailed drawings in accordance with ASME Y14.100 Engineering Drawing Practice using SolidWorks. These positions are dependent upon a contract award estimated for May 2022.

Apogee Worx, LLC is a growing DoD aerospace business delivering leading edge solutions to the military and para-military aviation markets. We are looking for individuals who will thrive in a challenging, project-based environment with a charter of providing state of the art capabilities to legacy aircraft.

### Responsibilities include:

- Using SolidWorks to create 3D models and 2D detailed Mechanical, Electrical, and Electro-Mechanical drawings, assemblies, sketches and diagrams in accordance with the Department of Defense requirements.
- Produce CGM's per ISO 8632-1 from SolidWorks 3D models and/or 2D detailed drawings
- Draw complex designs from conceptual diagrams, updates from previously released drawings or from verbal communications with the design engineers.
- Uses knowledge of various mechanical concepts, drawings best practices and mathematics to generate accurate and correct drawings.
- Utilize expertise to make recommendations for standard adjustments or changes as necessary to meet the design requirements.
- Present the finished drawings with engineering staff and production for review and make necessary corrections to deliver high quality drawings and other specifications.
- Highly independent and assume a lead role, prioritizing drafting work and carrying out designs with minimal supervision.

### Required Skills

- Fully understands and utilizes CAD tools: SolidWorks, AutoCAD and others.
- Fully understands and utilizes general office computer tools, i.e. Microsoft Office.
- Electro-Mechanical Drafting experience in Sheet Metal, Machined Hardware, Electronic Schematic Diagrams and Wire/Harness Assemblies.
- Excellent technical communication skills with engineers and manufacturing personnel
- Proficient with Microsoft Office Suite or related software

### Education and/or Work Experience

- Five or more years in a similar position, conducting similar tasks. Associate Degree program or Technical Institute certification program.
- SolidWorks Professional Certification
- Must be a US Citizen. Must have the ability to obtain a Secret clearance. A current Secret clearance is a plus.

### Desired Skills

- Familiarity with aircraft avionics to include displays, processors, sensors, radars, electronic warfare and their associated data bus architectures.
- Ability to function in a fast-paced small company environment with minimal direction and adjust workload based upon changing priorities.
- An aerospace development background is preferred.

### Your Benefits

**Apogee Worx offers competitive salary and an extensive benefit package including health, dental and life insurance, 401(k), paid holidays, paid time off, semi-flexible work hours, and a positive work environment.**

**Benefits:**

- **401(k) with 3% company contribution**
- **Dental insurance**
- **Health insurance**
- **Health savings account**
- **Life insurance**
- **Paid time off**