



## SENIOR TECHNICAL ILLUSTRATOR

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### **Job Responsibilities**

- Fully participates in and support the Fulcrum Concepts Quality Management System
- Responsible for preparation, editing, and quality control of technical graphics and illustrations, directly reporting to Technical Illustration Lead and/or Technical Publications Manager
- Produce advanced computer-generated illustrations and artwork for various technical publications and manuals, both print and IETMs
- Prepare illustrated parts diagrams and exploded views for manuals
- Comprehend source material in the form of engineering drawings, software description documents, test plans, design specifications/documentation
- Coordinate with engineers, subject matter experts, and technical writers to create illustrations that communicate information concisely and accurately
- Coordinates with engineering, writers, and subject matter experts to obtain presentation quality technical illustrations, tables, and other data
- Develops system to catalog and file materials in a logical and easily accessible manner
- Establishes and maintains electronic and/or hardcopy data library of illustrations; develops and oversees ICN system for illustrations
- Creates and follows style guides for illustration standards in effort to maintain consistency
- In coordination with Technical Publications Manager, tracks and monitors flow of all illustrations from inception to distribution of final copies for each assigned technical publication project
- Assist Creative Manager with animation creation for weapons systems
- Provide support to company marketing efforts, as requested by Creative Manager
- Establishes internal and external illustration standards in effort to maintain consistency
- Utilize appropriate computer software, preferably Eagle Publishing System and IsoDraw, for xml tagging and hot spotting in technical illustrations within IETMs
- Manage Common Source Database for IETM projects
- Implement S1000D Standards in naming, creating, and tracking of illustrations
- Implement MIL-STD 3031 and/or 40051 as required for customer projects

*Give me a lever long enough, and a fulcrum on which to place it, and I shall move the world - Archimedes*

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## **Knowledge and Experience**

- Excellent written and verbal communication skills
- Strong organizational and analytical skills
- Ability to solve problems involving several options
- Requires analytical and quantitative skills
- Heavy emphasis on the use and knowledge of Solidworks Composer; Adobe Creative Cloud Illustrator and Acrobat DC; IsoDraw; and Maya
- Experience in MS Office Products (MS Excel, Access, Power Point, Word), Solidworks, Adobe Photoshop CC and Adobe InDesign CC, and Eagle Publishing System
- Strong attention to detail and follow-through
- Proficiency in the management of complex tasks from inception to completion
- Knowledge of applicable military standards, specifications and test practices is required
- Web design skills and ability to use graphics preferred
- Ability to use of models to create animations of weapons systems preferred

## **Security Clearance Requirement**

- Subject to a security investigation and may need to meet eligibility requirements for access to classified information and a SECRET, TS, or TS/SCI clearance may be required as well.

## **Education**

- Bachelor's Degree in graphics or engineering drafting related field preferred or combination of education, professional certification, and technical illustration experience. At least seven years professional experience required.

## **Benefits include:**

- 401(k) Safe Harbor Savings Plan
- Medical, Dental, and Vision Insurance Plans
- Short and Long Term and Disability
- Vacation and Sick Leave Packages
- 13 Paid Holidays each year
- 9/80 Work Schedule

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*The assigned personnel are responsible for the listed duties and responsibilities plus any other direction and responsibilities assigned by the Managing Members.*

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Fulcrum Concepts, LLC is a service disabled, veteran-owned, small business that provides innovative services and products to solve requirements for its customers. Fulcrum Concepts, LLC specializes in solutions for tactical aviation organizations and is structured to provide comprehensive solutions that begin with an initial requirement and end with fielded products. At Fulcrum Concepts, the unique combination of operational experience and a robust aerospace engineering capability enable the company to provide elegant, lightweight, enduring solutions for its customers.

Fulcrum Concepts, LLC provides equal employment opportunities (EEO) to all employees and applicants for employment without regard to race, color, religion, sex, national origin, age, disability, or genetics. In addition to federal law requirements, Fulcrum Concepts, LLC complies with applicable state and local laws governing nondiscrimination in employment. This policy applies to all terms and conditions of employment, including recruiting, hiring, placement, promotion, termination, layoff, recall, transfer, leaves of absence, compensation, and training.

