

# EMPLOYMENT OPPORTUNITY



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## PROJECT ENGINEER

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**Canyon Composites** is a robust aerospace fabrication and assembly company involved in all levels of prime spacecraft and aircraft manufacture. With strongly supportive clientele such as Boeing Satellite Systems, Northrop Grumman, General Dynamics, Ball Aerospace, NASA, and the DOD, we offer full service manufacturing for the most difficult exotic material flight structures.

### Position Description:

Primary job responsibility involves supporting Program Management by engaging in tool design, tool and piecepart manufacturing, quality assurance, and manufacturing troubleshooting. This position requires a thorough knowledge of Advanced Fiber Reinforced Composites and supporting manufacturing methods. Selected Candidates will be required to perform on projects immediately upon hire. The Project Engineer requires the very best, versatile, and savvy engineers.

### Candidate Must:

- be a self-starter, creative thinker, and leader.
- be able to, decisively quantify and engage technical challenges.
- be able to effectively pass knowledge to others.
- have a developed 'sixth sense' for identifying and managing technical problems in the manufacturing environment.
- have a minimum of six (6) years experience in space level composites.
- have a firm understanding of ANSI Y14.5 and GD&T.
- have a firm understanding of aerospace manufacturing equipment, processes, and environments.
- have a fundamental understanding of the composite design and manufacturing process.
- be able to design tooling and processes for composite fabrication and assembly.
- be able to write procedures and work instructions to support technical staff.
- have a high degree of proficiency in Microsoft Office software, particularly Excel, Word, Project and PowerPoint.
- have a high proficiency in Autocad, Mechanical Desktop, Inventor or Solidworks. Proficiency with CATIAV5 is recommended.
- have a versatile depth of knowledge about aerospace products and services suppliers.

### (Typical Work Flow)

#### Project Bid Phase

Project Engineer will assist in estimating based on experience and insight into the manufacturing process. Understanding how a job-shop works, aerospace composite requirements, manufacturing and machinery is a must.

#### Project Initiation Phase

### *Canyon Composites, Inc.*

1548 North Gemini Place, Anaheim, CA 92801

Phone: 714.991.8181 Email: [Canyoncomposites@earthlink.net](mailto:Canyoncomposites@earthlink.net)

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Project Engineer will assist with procurement of materials, estimate materials usage, design manufacturing processes and tooling. Project Engineers will be responsible for tooling design and fabrication as well as the basic work package that is released to the shop floor. These packages will incorporate all traceability records, manufacturing records, quality assurance plans, and testing plans.

### Project Oversight Phase

During fabrication, the Project Engineer will be required to oversee fabrication and address technical problems or challenges that the technicians are facing. Due to the short span of what are prototypical spacecraft projects, the PME should be able to identify trouble spots in the manufacturing process and work through or around them expediently.

### Project Close

Project Engineer should be able to help direct the customer sell-off process to allow the parts to be inspected, the results interpreted, and the parts delivered.

Typical projects could be:

*Solar Panel Substrates*  
*Composite Structural Panels*  
*Composite reflectors.*  
*Composite Piece parts.*  
*Composite Tooling design*  
*Composite Tubes and struts.*  
*Filament Winding.*

### **Salary, Benefits, and Workload:**

- Salary is negotiable and commensurate to experience. Range is \$45K - \$80K
- Workload is 40 hr. / week. Expect some overtime.
- Benefits include full medical, dental, vision, 401K.

### **Send Resume and Contact:**

Human Resources, Canyon Composites  
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