



**Job Vacancy: Manufacturing Engineer**

**Date Available: Immediate**

**Location: Sarasota, FL**

**Job Summary:**

The Engineering Division of Honeycomb Company of America, Inc., has an opening for an Aerospace Manufacturing Engineer with particular expertise and experience in aircraft metal bonded and composite structure manufacturing.

**Primary Responsibilities:**

- Create total manufacturing instruction package for the fabrication of aircraft metal bonded and composite structures.
- Establish manufacturing requirements derived from OEM engineering drawings, process specifications, loft data, and contracts.
- Identify tooling requirements and create tooling designs.
- Create BOMs, CAD drawings, and detailed manufacturing instructions that establish procedures for detail parts, assemblies, and tooling, as well as inspection and test requirements.
- Provide immediate technical support to manufacturing personnel (work instruction clarification, performing redlines).
- Support Quality department with non-conformance investigations.
- Support Purchasing department in selection of materials and suppliers.
- Work in coordination with all departments (Engineering, Production, Purchasing, Quality, etc.). Develop process solutions enabling increased throughput, cost savings, and quality performance.

**Required Knowledge/Skills, Education and Experience:**

- Bachelor's Degree in Aerospace or Mechanical Engineering.
- Must be a US Citizen.
- 5-10 years of experience in the manufacture or repair of aerospace structures.
- Proficient knowledge and expertise in the following:
  - Metal forming and honeycomb core machining.
  - Clean room layup assembly processes.
  - Loft data interpretation and 3D surface modeling.
  - GD&T
  - SolidWorks and CATIA CAD software.
- Knowledge of manufacturing processes such as CNC machining, brake forming, heat treating, chemical processing, anodizing, chem-milling, stretch forming, hydro-forming, composite layup and cure, fiberglass, carbon fiber, and Kevlar.
- Highly motivated and able to work effectively in a high-paced, dynamic, and collaborative environment.
- Must be able to work effectively across functional teams, and independently.
- Strong ability to successfully manage multiple projects simultaneously.
- Must be a detail oriented, hands-on individual, with strong written and verbal communication skills.
- Functional knowledge of model based definition.
- Experience working with NADCAP requirements, as well as ISO9000, AS9100, AS9102.

Reports to:  
Production Engineering Manager

### **Physical Demands**

The physical demands described are representative of those that must be met by an employee to successfully perform the essential functions of this job.

While performing the duties of this job, the employee is regularly required to talk or hear. The employee frequently is required to stand; walk; climb stairs, use hands and fingers; and reach with hands and arms.

Ability to lift up to 15 pounds several times a day, and lift up to 40 pounds on an occasional basis.

Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception and ability to adjust focus.

***Honeycomb Company of America is an Equal Opportunity and Affirmative Action Employer encouraging diversity in the workplace. All qualified applicants will receive consideration for employment without regard to their race, color, creed, religion, ancestry, national origin, sex, sexual orientation, gender identity, age, marital status, family responsibilities, pregnancy, genetic information, protected veteran or military status, other categories protected by federal, state, or local law, and regardless of whether the qualified applicants are individuals with disabilities.***

***Honeycomb Company of America is a Drug-Free Workplace.***

***Offers of employment with Honeycomb Company of America are conditioned upon the successful completion of a background check and drug-test, subject to applicable laws and regulations.***