

# Employee Job Description

## United Dynamics, Inc.

### Senior Project Engineer – Electrical

#### Company Background:

United Dynamics is a small business-certified Hub zone located in Shawnee, Oklahoma. United Dynamics started in 1993 by reverse engineering aerospace parts to help the USG with obsolete parts. This company has an engineering staff capable of designing and reverse engineering numerous types of aerospace parts and solutions. United Dynamics is approved for manufacturing over 168 NSNs. This includes in house machining capabilities, parts assembly, and testing. United Dynamics has an MRO shop and is approved to overhaul over 53 National Stock Numbers (NSNs). This company manufactures and overhauls aerospace parts for numerous aircraft including: KC-135, B-52, B1, B2, E3, A-10, F-15, F-16, KC-46, and C-130. United Dynamics history of sales is specifically Department of Defense (DOD) sales.

**Mission:** To support DOD aircraft & weapons systems by providing design, manufacturing, and MRO solutions

**Vision:** Technologies & Solutions yet to be imagined

**Core Values:** Integrity, Teamwork, Accountability, Passion

#### Job Description:

United Dynamics is looking for an experienced engineer to lead an engineering team in the development of reverse engineering data, hardware, and instructions to help solve aging electrical hardware issues.

#### Position Summary

##### Responsibilities:

- Leading all aspects of a multi-million dollar program
- Understanding and managing the scope of the project
- Coordinating activities of others to meet deadlines
- Ensuring technical soundness of team member proposals
- Customer interface
- Development of customer briefings
- Development of management briefings
- Directly interfacing with other organization members to meet program objectives
- Documentation of program activities throughout the reverse engineering effort

##### Job Requirements:

##### Education and Training:

- BS in electrical or systems engineering (with electrical experience) from an ABET accredited university
- Minimum of 10 years aerospace industry experience
- Experience with DoD customers

- Demonstrated experience solving obsolescence issues and reverse engineering
- Demonstrated experience managing resources
- Formal project management or relevant project management experience
- Experience with circuit card assembly design, manufacturing, and testing
- Experience developing and leading design reviews (PDR/CDR)
- Strong technical writing background
- Willingness to travel up to 20%

### **Preferred Qualifications**

- Experience with Altium
- Willingness to work hands-on during development cycle
- Demonstrated ability leading an engineering team

### **Job Type**

- Full Time
- Pay: \$80,000 to \$120,000 per year DOE