

## **Manufacturing Engineer/Lab Technician Support**

The Manufacturing Engineer/Lab Technician will develop Manufacturing Data Package for APX-119 and DCP and support Transfer of Technology efforts. This includes development, updates and compiling of Test Procedures, Assembly Instructions, Inspection procedures, and Troubleshooting/Repair guides. This candidate will also perform roles in testing and upgrading the APX-119 Radar Transponder and may be required to conduct site/platform surveys on an as needed basis.

### **Position Responsibilities:**

- Setup of standard and specialized test equipment and unit under test reconfiguration to support testing and product upgrades.
- Work from approved procedures, schematics, and drawings as well as oral and written instructions
- Fault isolate problems between the test environment and the units under test. Identify and resolve issues as necessary
- Interpret test data (plots, graphs, parameters, etc.) to determine pass/fail condition and conclude when further analysis is needed
- Effectively communicate technical issues to peers and engineering.
- Generate comprehensive failure entries into a database that correlates the failure modes back to the associated test or unit under test
- Candidates must be in good physical condition, given that this position requires lifting, walking, and could involve stair/ladder climbing.
- Will travel, as required, to support platform integration and qualification activities.
- May be required to use general hand and power tools.

### **Required Skills:**

- Must have excellent communication skills (written, verbal, and presentation }
- Ability to interface directly with the customer, work independently or as part of a team, and provide written status to management.
- Demonstrated ability to negotiate, influence and manage risk
- Ability to travel and support offsite test activities
- Knowledge of aircraft electronic systems

### **Desired Skills:**

- Knowledge of APX-119 Radar Transponders
- Experience with Microsoft Office Applications
- Ability to read mechanical drawings and electrical schematics
- Demonstrated capability to perform a broad, diverse range of technical tasks and/or very specific technical tasks in the engineering disciplines
- Ability to provide hands on technical support during research and development phases through demonstration tests
- Capable of receiving detailed instructions and expressing technical concepts clearly

### **Required Education:**

A Bachelor's Degree in a related field and 6 years relevant experience OR an Associate's degree and 8 years of relevant experience OR at least 14 years relevant experience with no degree. Relevant experience includes military experience