

Field Engineer

Field Engineer on the APX-119 Field Upgrade program. This upgrade provides the US Department of Defense with state-of-the-art Identification of Friend or Foe (IFF) capability and meet a Federal Aviation Administration (FAA) mandate. This field engineer candidate will perform entry-level roles upgrading the APX-119 Radar Transponder. The candidate may also be asked to conduct site surveys as needed.

Position Responsibilities:

- Setup of standard and specialized test equipment and unit under test reconfiguration to support integration and qualification activities.
- 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
- Must be in good physical condition given that this position requires lifting, walking, and could involve stair/ladder climbing.
- May use hand and power tools as necessary

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
- Excellent communication skills (written and verbal) to effectively communicate across all levels of the organization.
- Ability to read mechanical drawings and electric 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.