



Avionic Environmental Test Engineer

Job Title: Avionics Environmental Test Engineer

Job Duties:

1. Author test plans and procedures per DO-160G, *Environmental Conditions and Test Procedures for Airborne Equipment*
 - a. Qualification Test Procedures
 - b. Acceptance Test Procedure
 - c. Environmental Stress Screening Plan/Procedure
2. Design vibration test fixtures
3. Review quotations from environmental test houses (service providers)
4. Coordinate test unit and test setup conformity inspections with FAA designated inspectors
5. Manage and/or execute avionics equipment environmental testing performed in-house or by outside service providers.
6. Review test data sheets
7. Prepare test reports

Job Requirements:

1. Familiarity with ESD protocol
2. Electronics lab experience (5+ years)
3. Ability to read Engineering drawings and schematics
4. Fabricate/assemble test equipment
 - a. Test cables
 - b. Test boxes
 - c. Soldering