

Senior Test and Integration Engineer

Augustus Aerospace Company, Colorado Springs, CO 80919

Company Overview

Augustus Aerospace Company (“Augustus”) is a premier provider of high-performance software-defined radio payload solutions deployed in small satellites for U.S. government customers. We are a growth stage company with several funded contracts seeking talented individuals to join our team to help us solve challenging technical problems and build our capabilities. More information on the company is found at our web site, www.augustusaero.com.

Role

Augustus is seeking a **Senior Test and Integration Engineer** to lead efforts to plan, test, and document test results to ensure our products are engineered and manufactured to our customer’s high standards. You will have a lead role in defining test approaches, working closely with our development team to develop and perform design verification testing and debug, and leading environmental and qualification testing of small satellite payload products. You will also lead system integration planning, logistics, and test execution with satellite bus providers, ground station systems, and other system partners.

Job Duties and Responsibilities

- Support component and subsystem characterization testing in the lab.
- Develop and execute test procedures for design verification test (DVT). Support development team in identifying and fixing hardware and software problems.
- Develop written test plans and perform lab testing for environmental and acceptance test.
- Engage and procure outside testing services and facilities for vibration, EMI, and other test capabilities.
- Develop approaches, procedures and coordinate system integration test activities with Augustus system partners.
- Oversee and manage Augustus internal lab facilities. Develop and/or procure internal test capabilities, equipment, and software.
- Primary work location Augustus facility in Colorado Springs. Occasional Colorado front range and domestic travel required for customer meetings and integration/testing.

Skills and Qualifications

Required

- Ability to obtain U.S. government security clearance at the TOP SECRET level

- Bachelor's degree in electrical engineering or computer science
- 5+ years of relevant experience in engineering development or test
- Excellent written communication skills, including the ability to write test plans as a deliverable to our customers and test reports fully documenting results.
- Experience with RF laboratory test equipment, including spectrum analyzers, network analyzers, power meters, RF signal sources, etc.
- Experience operating and testing complex hardware and software systems
- Experience in developing automated test software using Matlab, Python, or similar

Preferred

- Existing U.S. Government security clearance
- Energetic, hands-on team interaction and problem solving capabilities
- Familiarity and experience in satellite payload and bus systems and test
- Experience in using CAD tools (Autocad, Solidworks)

Contact Us

Please submit your resume and contact information via email to augustusinfo@augustusaero.com.

Augustus Aerospace Company is an equal opportunity employer.