

**Job Title:** Test Engineer (Level 2/3/4)  
**Job Location:** Colorado Springs, Colorado  
**Security Clearance:** SECRET  
**Clearance Status:** Must be Obtainable



---

### **Job Summary:**

The WGS-11 spacecraft is the 11<sup>th</sup> in the fleet of the Wideband Global SATCOM (WGS) constellation of satellites. The Global SATCOM Configuration Control Element (GSCCE) is responsible for controlling the payload of all on-orbit WGS satellites while incorporating enhancements necessary to control the new WGS-11 satellite. The upgrades to the GSCCE will include a Rancher based Kubernetes layer that will host new containerized microservices for control of the WGS-11 payload components.

The successful candidate will be responsible for a wide range of GSCCE integration and test tasks: development of automated end-to-end tests using Eggplant/ReadyAPI/Python, development of unit tests in one of several Java frameworks, integration of system and unit tests into a CI/CD pipeline, identification and documentation of software defects and workarounds, preparation of manual test procedures, and execution of tests during customer witnessed formal verification events. The position may require periodic travel on an infrequent basis.

The addition of the 11<sup>th</sup> satellite to the constellation has provided an opportunity to move the team's software factory to a cloud-based development environment hosted in AWS GovCloud while also maintaining an operational deployment target on private cloud infrastructure using VMware vSphere. Day to day activities will be performed in the unclassified AWS environment while occasional activities will be required in the on-premises classified lab in Colorado Springs, Colorado.

---

### **Primary Responsibilities:**

- Perform both automated and manual test development within an agile framework as a member of a larger engineering team
- Actively collaborate with team members to derive solutions to complex problems
- Integrate and test compiled software components within a continuous integration environment
- Develop automated unit and integration tests within multiple frameworks
- Assist other developers in resolving test failures
- Assist in the execution of formal, customer witnessed, verification events

### **Required Qualifications:**

- Ability to obtain an interim U.S. Government SECRET security clearance (requires US Citizenship)
- Experience with writing automated tests using any modern product or framework
- Familiarity with requirements allocation and traceability
- Good verbal, written, communication, and interpersonal skills
- Ability to work independently as well as within a team

### **Preferred Qualifications:**

- Current U.S. Government SECRET security clearance (requires US Citizenship)
- Experience working in an Agile development environment using a CI/CD pipeline
- Existing expertise with Eggplant or ReadyAPI
- Experience with containerization, Kubernetes, and microservices design and implementation
- Experience working with Service Oriented Architecture (SOA) technologies, protocols and products including REST, SOAP, and JMS
- Experience with customers and systems in the DoD and/or commercial space communities

**Educational Requirements:**

- *Engineer Level 2:* Bachelor's degree and 3 or more years relevant experience, Master's degree and relevant experience, or 6 or more years relevant military satellite communications experience
- *Engineer Level 3:* Bachelor's degree and 7 or more years relevant experience, Master's degree and 4 or more years relevant experience, or 10 or more years relevant military satellite communications experience
- *Engineer Level 4:* Bachelor's degree and 12 or more years of experience, Master's with 9 or more years of experience

(Degrees must be from an accredited course of study in engineering, computer science, mathematics, or physics)

In compliance with Colorado's Equal Pay for Equal Work Act, the salary range for this position is \$78,000 to \$132,000. Ascension Engineering Group considers factors such as work experience, education, key skills, and position role when extending an offer.

Ascension Engineering Group is an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, pregnancy, sexual orientation, gender identity, national origin, age, protected veteran status, or disability status.