



Astroscale is the first private company with a vision to secure the safe and sustainable development of space for the benefit of future generations, and the only company solely dedicated to on-orbit servicing across all orbits.

Founded in 2013, Astroscale is developing innovative and scalable solutions across the spectrum of on-orbit servicing missions, including life extension, in-situ space situational awareness, end-of-life services, and active debris removal, to create sustainable space systems and mitigate the growing and hazardous buildup of debris in space. Astroscale is defining business cases and working with government and commercial stakeholders to develop norms, regulations, and incentives for the responsible use of space.

Headquartered in Japan, Astroscale has an international presence with subsidiaries in the United Kingdom, the United States, Israel, and Singapore. Astroscale is a rapidly expanding venture company, working to advance safe and stable growth in space and solve a growing environmental concern. End of Life Services by Astroscale-demonstration (ELSA-d), the company's first on-orbit demonstration of debris capture and removal, launched in March 2021.

Astroscale U.S. Inc. is currently seeking a **Mission Assurance Engineer** to join our team in our Denver, Colorado location. In this role you will inform design decisions, support the assessment of technical risk and mitigations, and provide critical thinking and analyses. You will be integral to mission success as we together develop the on-orbit servicing solutions that will deliver our vision of a sustainable space environment.

**To apply:** Email your resume and cover letter to [careers@astroscale-us.com](mailto:careers@astroscale-us.com) with **Mission Assurance Engineer** in the subject line. The application deadline is **July 29, 2022**.

**Salary range:** \$95,000 – \$145,000. The salary range represents the low and high end of the Astroscale U.S. Inc. salary range for this position. Actual salaries will vary and may be above or below the range based on various factors including but not limited to experience, knowledge, and ability as applicable to the role.

### **Duties & Responsibilities**

- Provide proactive and pragmatic mission assurance engineering support to secure program and mission objectives as part of an integrated team.
- Perform engineering analysis for satellite programs using proven techniques and principles, including, for example, fault tree, reliability, and availability analysis.
- Support the technical risk management activities.
- Collaborate with the team to understand and develop the failure, detection, isolation, and recovery approaches for the mission.
- Support test, validation, and verification activities.
- Interface and support suppliers in the verification of design and quality.



- Collect, document and present, as required, mission assurance related information.
- Apply technical knowledge to analyze, investigate and resolve engineering problems.
- Support and actively participate in customer and supplier meetings and presentations at all project stages.

### **Qualifications & Skills**

- Knowledge of Quality Systems and processes including those typically used in the satellite industry.
- Competent in verification and validation techniques and principles and their application in the satellite lifecycle.
- Knowledge of fault detection, isolation, and recovery methods.
- Familiar with all aspects of the satellite system life cycle.
- Understand new concepts quickly and apply them accurately.
- Organize and balance work assignments to meet established timetables.
- Collaborative communication and interpersonal skills with the ability to work both independently and as part of a team.
- Experienced professional with greater than 6 years' experience in engineering.
- Bachelor's degree, Master's degree or PhD in science, technology, engineering or math, or equivalent experience.

Please note Astroscale U.S. is a U.S. Government registered, export control compliant company, as such applicants should be a U.S. person or U.S. citizen.

*Astroscale U.S. is committed to creating a diverse environment and we pursue and embrace a variety of thinking, beliefs, and ways of life that are international, open-minded, and inclusive.*