



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 an experienced **Mechanical Systems Engineer** to join our team in our Denver, Colorado location. In this role you will work on mechanical design concepts, systems, and models. Your work will ensure that our servicing solutions deliver our vision of a sustainable space environment.

To apply: Email your resume and cover letter to careers@astroscale-us.com with **Mechanical Systems Engineer** in the subject line. The application deadline is **October 4, 2021**.

Salary range: \$95,000 – \$130,000.

Duties & Responsibilities

- Responsible for delivering mechanical design solutions for on-orbit servicing missions.
- Perform structural design and configuration tasks on a range of items including spacecraft structures, ground support equipment, integration equipment, and deployables.
- Mechanical system and sub-system requirements and interface definition.
- Develop test methods for mechanical components and systems.
- Support structural qualification testing on spacecraft systems and components including test design, test conduct, and interface equipment for unit under test.
- Work closely with subcontractors and suppliers to design, develop, and successfully deliver electrical components and systems.
- Apply technical knowledge to analyze, investigate, and resolve engineering problems.
- Collaborate with customer and supplier staff, and staff from other parts of Astroscale.



Qualifications & Skills

- Ability to design, develop, implement, and test structural systems and/or mechanism designs for satellites.
- Hands-on experience with working in a cleanroom on spacecraft through assembly, integration, and test.
- Working knowledge of spacecraft propulsion systems and spacecraft mechanisms.
- Proficient with computer aided design tools, such as SolidWorks.
- Practical knowledge of engineering principles and industry practices.
- Collaborative communication and interpersonal skills with the ability to work both independently and as part of a team.
- Experienced professional with greater than 4 years' experience in mechanical configuration, design, test.
- Bachelor's degree, Master's degree, or PhD in engineering or a related technical field, 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.