



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 Systems Engineer** to join our team in our Denver, Colorado location. In this role, you will work on applying mission – level systems engineering in support of a variety of programs for Astroscale missions. You will be integral to developing 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 with **Mission Systems Engineer** in the subject line. The application deadline is **July 22, 2022**.

Salary range: \$95,000 – \$155,000. 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

- Apply the principles of systems-thinking across all phases of projects, including requirements development, mission architecture, development, design compliance, test, and verification.
- Perform and assist in architectural trades, system analysis, and interface definition in support of design maturation and program success.
- Perform requirement verification and validation planning.
- Mission and system level design of failure detection, isolation, and recovery (FDIR) for on-orbit servicing missions.



- Support the mission level change control, configuration, and data management across multiple programs.
- Support a model-based systems engineering (MBSE) and model-based design approach to mission architecture and operational concept for a variety of satellite services and missions.
- Prepare technical responses to bids, presentation materials and reports, for a variety of applications and customers.
- Support and actively participate in customer and supplier meetings and presentations at all project stages.
- Collaborate with customer and supplier staff, and staff from other parts of Astroscale.

Qualifications & Skills

- Experience with agile systems engineering principles and tools.
- Familiarity with applying systems-thinking at various levels of the mission spacecraft design and development lifecycle.
- Experience with FDIR analysis and implementation of results.
- Familiarity with verification and validation of requirements and associated analysis.
- Ability to 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.
- Flexibility to thrive in a fast-paced and agile environment, meeting challenges such as balancing the system engineering needs of programs at different stages of maturity and enabling successful remote collaboration with various teams around the world.
- Experienced professional with greater than 5 years' experience in engineering.
- Bachelor's or Master's degree in engineering or another STEM-related field, or equivalent professional 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.