

# UMBRA

## Spacecraft Aerospace Technician

Umbra Lab, Inc. (“Umbra”) is a technology company which builds next-generation space systems. Umbra is launching an unrivaled constellation of space-based radar satellites with synthetic aperture radar (SAR) capabilities, to produce all weather day-night imagery with sub-meter resolution for low cost distribution via an integrated web platform. We are a bold, experienced team of developers, engineers, product specialists, and other professionals working to aggressively expand the state-of-the-art for commercial remote sensing.

We are looking for experienced Aerospace Technicians to join the Umbra manufacturing team at our microsatellite manufacturing facility. The Aerospace Technicians will work with the engineering team to assemble Umbra spacecraft and deployable mesh antennas in support of Umbra’s mission and external customers. The Spacecraft Aerospace Technician will work in the Engineering Department under the supervision of a spacecraft manufacturing engineer.

### Key Responsibilities

- Support assembly and test on a variety of spacecraft manufacturing tasks
- Work with multiple space flight components while assembling complex subassemblies
- Execute comprehensive component and system-level manufacturing and test
- Follow all written instructions, work orders, and procedures when producing hardware
- Support and maintain documented manufacturing processes, procedures, and equipment
- Contribute to maintaining and improving manufacturing and test infrastructure
- Maintains manufacturing documentation and reports (assembly procedures and test reports)
- Identify, troubleshoot and solve test problems and provide assistance to manufacturing, inspection, and engineering issues

### Basic Qualifications

- High School diploma or equivalent, with additional 2+ years related experience
- 2+ years overall experience as a technician in the manufacturing/engineering field
- Ability to read and interpret electrical schematics and mechanical drawings
- Experience work with a Microsoft Office products and process documentation
- Familiarity with mechanical measuring equipment such as torque wrenches, fixtures, tooling, gages, calipers ,and other measuring devices
- Ability to manipulate equipment weighting up to 50 pounds
- Comfortable working in a dynamic and fast-paced development environment

### Desired Qualifications

- 3+ years of experience in assembly of complex mechanical / electrical systems, ideally in small team / startup environments
- Experience working with delicate spacecraft hardware, especially wire harnessing and moving mechanical assemblies
- Prior experience with soldering and printed circuit board fabrication
- Prior experience with deployable space systems and mesh antenna assemblies
- Experienced working in Cleanroom Environment and Environmental Test Area
- Certification in engineering disciplines

# **UMBRA**

## **Benefits**

- Flexible Vacation / Paid Time Off
- Medical, Dental, Vision, 401(k)
- Stock Options

## **Location**

- Santa Barbara, CA

## **Additional Requirements**

In compliance with federal law, all persons hired will be required to verify identity and eligibility to work in the United States and to complete the required employment eligibility verification form upon hire. All persons hired will be required to be a U.S. citizen, a lawful permanent resident of the U.S., or protected individual as defined by 8 U.S.C. 1324b(a)(3), or eligible to obtain the required authorizations from the U.S. Department of State. Umbra is an equal opportunity employer, and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability status, protected veteran status, or any other characteristic protected by law.

To apply: Email resume to [careers@umbralab.com](mailto:careers@umbralab.com)