

POSITION DESCRIPTION

Position title: Electronics Technician

Reports to: Business Operations Manager

Summary:

This position is responsible for leading electronics testing and assembly of Avionics and Li-Ion battery flight units flown on rockets, missiles, aircraft, UAS and small satellites.

Responsibilities:

- Ability to build power, data I/O and RF cables.
- Ability to read electrical schematics and perform wiring and assembly
- Ability to make electrical measurements in circuits (V, I and Resistance)
- Ability to use Digital Oscilloscopes, Power Meters and Spectrum Analyzer
- Ability to use thermal cycle and vacuum, vibration and shock machines
- J-STD-001 soldering on PCB with surface mount and thru hole components
- Ability to write unit assembly instructions and work with Quality Assurance

Required Competencies:

Experience

- 2-10 years of experience in the following areas: Electronics assembly and test of flight units with power, data and RF cables.

Technical Skills

- Electrical/Electronics component theory and identification
- Electrical/Electronics testing and troubleshooting
- Soldering of PCB components (surface mount and thru hole)
- Electronics assembly of unit power, data and RF cables for flight units
- Computer (Microsoft Word, PPT, Excel, Sharepoint, Solid Works, etc.)

Soft Skills

- Strong interpersonal skills

Education

- A.S. degree in electronics or equivalent training (military, etc.)

Desired Competencies:

Technical Skills

- Experience in electronics/electrical testing
- Microsoft Office (Word, PPT, Excel)
- Electronics Assembly

Certification

- Soldering, J-STD-001with Space Addendum
- PC-A-600 Acceptability of Printed Circuit Boards
- IPC-A-610 Acceptability of Electronics Assemblies

Personal Requirements

- Do you have an entrepreneurial spirit and desire to be part of an innovative team that designs and manufactures state-of-the-art avionics, power and nano/micro satellites. Put your skills to work and develop innovative products for Space launch vehicles and small satellites.

ITAR Requirements

To conform to U.S. Government space technology export regulations, applicant must be a U.S. citizen, lawful permanent resident of the U.S., protected individual as defined by ITAR (22 CFR §120.15) or eligible to obtain the required authorizations from the U.S. Department of State. Learn more about the ITAR [here](#).

SIL is committed to creating a diverse environment and is proud to be an equal opportunity employer. Each individual has the right to work in a professional environment that promotes equal employment opportunity and prohibits discriminatory practices, including harassment. All qualified applicants will receive consideration for employment without regard to race, color, religion, gender, gender identity or expression, sexual orientation, national origin, genetics, disability, age, or veteran status.

The SIL Full time position offers challenge and growth with excellent salary and benefits package including comprehensive health insurance benefits and 401-K

Salary Range based on experience: \$45,000 to \$75,000

Resume and Letters of reference to: hr@spaceinformationlabs.com