

Mechanical Assembly Technician

Company	Raptor Scientific
Location	Livermore, CA 94550 (On-site / In-person)
Job Type	Full-time
Schedule	9/80 Schedule: Monday to Thursday 7:30 a.m. to 5:00 p.m., every other Friday 7:30 a.m. to 4:00 p.m.
Benefits	Full benefits package available after 30 days

BUILD TECHNOLOGY THAT MATTERS

Raptor Scientific is a leader in advanced aerospace test and measurement technology. At our growing Livermore site, we design and build sophisticated RF measurement systems and ultra-precise pressure, force, and calibration instrumentation for Aerospace and Defense applications where performance and reliability are critical.

This is not repetitive assembly-line work. As a Mechanical Assembly Technician, you'll work on complex, high-mix builds that require technical skill, precision, and real problem-solving. You'll interpret mechanical drawings, troubleshoot pneumatic and mechanical system issues, take ownership of challenging builds, and help ensure every system leaving our floor meets exacting performance and quality standards.

Our Livermore operation is expanding, creating opportunities for talented technicians to broaden their capabilities, take on greater responsibility, and grow alongside the organization. We're building a high-performance culture centered on ownership, continuous improvement, and technical excellence.

If you take pride in exceptional craftsmanship, enjoy solving real hardware challenges, and want your work to contribute to mission-critical technology, you'll find an opportunity here to make an impact and keep raising your technical game.

THE WORK

- **Assemble systems:** Build mechanical, pneumatic, and electromechanical systems from engineering drawings and work instructions.
- **Install hardware:** Route and install tubing, fittings, valves, regulators, manifolds, and precision mechanical components to exact specifications.
- **Verify functionality:** Run thorough leak checks, pressure testing, and functional verification to ensure shipped products work perfectly.
- **Troubleshoot errors:** Diagnose, isolate, and repair mechanical or pneumatic system issues when a build does not meet test parameters.
- **Support R&D:** Assist with prototype builds and engineering development work where the instructions are not always fully defined yet.

WHAT YOU BRING

- **Proven experience:** 2 or more years of mechanical assembly experience in aerospace, industrial equipment, or defense manufacturing.
- **Blueprint literacy:** Ability to read and interpret mechanical drawings, assembly instructions, and bills of material independently.
- **Technical aptitude:** Strong natural mechanical skills and a genuine knack for technical troubleshooting.
- **Education:** High school diploma or GED is required. Technical training or a trade school certification is highly preferred.

- **Desirable skills:** Experience with pneumatic tubing, high-pressure systems, or ERP and MRP systems like Plex is a plus.
- **Physical ability:** Comfort standing for several hours a day and the physical ability to safely lift up to 40 pounds.

WHAT MAKES YOU A FIT HERE

Technical skills get you the interview, but your mindset determines your success on our floor. We look for individuals who embody these core values:

- **Bias for Action:** When a fitting does not seat right or a print is unclear, you troubleshoot it or ask the right person instead of letting the build stall.
- **Intellectual Curiosity:** You look past the checkbox on the print to understand what the system does, allowing you to catch errors before a test fails.
- **Clear Communication:** You flag a leak, a mismatched part, or a drawing discrepancy right away instead of letting it slide down the line.
- **Likes to Win:** You care that the torque is right and the leak check passes clean the first time because your name is effectively on the build.

TO APPLY

Please send your resume directly to: RFS-recruiting@raptor-scientific.com.

Applicants must be authorized to work in the United States and eligible to receive any required U.S. Export Control authorization. Raptor Scientific is an equal opportunity employer.