



## **Integration and Test Engineer**

Alliance is seeking an Integration and Test Engineer to be responsible for testing and integrating various electro-mechanical systems.

Responsibilities include:

- Develop detailed test configurations for new projects.
- Generate and maintain integration and test plans, procedures, schedules, specifications, and other documentation.
- Support assembly, integration, and test activities including initial test setup, system integration, testing, and troubleshooting.
- Ensure facilities can meet various project requirements.
- Prepare and present information in design reviews and test readiness reviews.
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Desired Background:

- Possess strong written and verbal communication skills.
- Experience in planning and conducting functional and environmental testing of electro-mechanical components and systems.
- Experience with handling spaceflight hardware.
- Familiarity with electro-mechanical components (motors, gearboxes, couplings, encoders, etc).
- Familiarity with data acquisition systems, typical test sensors (torque, temperature, force, accelerometers), and I/O boards/electronics.