



Example of Systems Integration & Test Engineer Job Description

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Our growing company is looking to fill the role of systems integration & test engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don't fill all of the qualifications, you may still be considered depending on your level of experience.

Responsibilities for systems integration & test engineer

- Support testing of products, systems or subsystems
- Troubleshoot test failures and support root cause determination and the development and validation of corrective actions
- Use computer-aided engineering or other design/analysis software in the performance of assignments
- Participate in preparation of less complex proposals
- Verify software requirements that require test or demonstration as the verification method
- The software tests will address function and performance at the Aircraft / Air Vehicle systems level
- Interfaces to the host vehicle will be simulated as necessary
- Product level tests that are covered in other test plans and procedures in this contract need not be repeated in the Integrated Systems Test plans and procedures
- Verify requirements that require test or demonstration as the verification method
- The tests will address function and performance at the Aircraft / Air Vehicle systems level

Qualifications for systems integration & test engineer

- Hands-on experience with EO systems and integration of a complex system
- Proficiency with Labview or equivalent
- Tactical data link experience a plus (Link16, VMF, UCI)
- Experience with DoD product Qualification / First Article testing Factory Acceptance Testing
- Analyze key test parameters to develop and present test scenario tools and test cases for ground test events that represent a phased execution of the Ballistic Missile Defense System (BMDS)