



Example of Systems Integration & Test Engineer Job Description

Powered by www.VelvetJobs.com

Our company is growing rapidly and is looking to fill the role of systems integration & test engineer. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

Responsibilities for systems integration & test engineer

- Work involves interpretation of system requirements to develop inputs to assessment planning and requirements for test planning, and providing test planning support to emergent and conceptual development activities as they are matured for integration into future development for the BMDS
- Leading, coordinating and participating in joint enterprise test activities and events to confirm the NSG enterprise design solutions satisfy specified requirements
- Review aircraft configuration changes to identify impacts to the support elements
- Provide technical support throughout the product lifecycle and will support the Apache Helicopter Sustainment team with technical responses and customer technical inquiries
- Manage requirements across the elements of Integrated Product Support
- Author technical requirements and technical approaches during the acquire phase
- Provide support transitioning the proposal to execution and will provide support to mitigation of technical risks, issues, and opportunities after contract award
- Conduct research into and apply knowledge of Government test and evaluation concepts and related engineering, acquisition, and operations activities as needed to support the I&T activities
- Review planned acquisition approaches to support I&T schedule alignment

- Coordinate with program Systems Engineering (SE) and review I&T-related SE information to leverage functional analysis, system descriptions, parameter selection and dependencies, Modeling and Simulation, and initial performance risk assessments to inform evaluation planning

Qualifications for systems integration & test engineer

- Understanding of Configuration Management and Configuration Management Tools, IBM Rational ClearCase
- Interest in UAV Flight Testing is also preferred
- Knowledge of systems engineering processes for the development of system assessment and test requirements and objectives, evaluation criteria and associated test planning
- Working level knowledge of system and interface specifications is required
- Experience in analysis of system function and performance of missile systems to support evaluation of integrated system capabilities and interfaces
- Experience in use of data analysis tools for development of assessments, evaluations