



Example of Systems Integration & Test Engineer Job Description

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Our innovative and growing company is hiring for a systems integration & test engineer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

Responsibilities for systems integration & test engineer

- Plan, schedule, and conduct all phases of testing - Integration/System Testing, Performance Testing, Regression Testing, Acceptance Testing, Verification and Validation
- Provide technical feedback during Data Design/ Requirements/Service Bulletin reviews and provide presentations to various customers others cross functional teams
- Develops System-Level Interface Control Documents (ICD), manages and verifies, the functional, physical and logical interfaces of the system
- Develops test procedures, conducts real-time and post-test data analysis and reporting
- Validates system by inspection, analysis, test, and demonstration to assure that the system architecture and design concepts satisfy the intent of the customer requirements
- Collects data and reports the progress and status of integration and checkout activities, and evaluates results and coordinates resolution of disapproved integration and checkout
- Develops and documents sections of the verification plan based on verification requirements to identify sequence of activities, processes, tools, equipment, facilities, and other resources needed to accomplish requirements verification, to enable initiation of the verification efforts
- Support all elements of systems engineering as needed including stakeholder

development, aircraft certification activities, and technical subcontract management activities

- Conduct formal integration and system-level testing
- Proactively communicate system and test issues/results clearly with internal and external stakeholders

Qualifications for systems integration & test engineer

- You hold a Bachelor's Degree in Electrical or Computer Engineering
- Bachelor's degree in engineering or related technical discipline and 9+ years of experience
- Minimum of 6 years of engineering experience including EW/Radar Integration & Test
- Experience integrating EW/Radar electronic or electromechanical equipment or systems-oriented products and
- Experience with supporting proposals and Gates to ensure technical and execution feasibility
- Knowledge of systems engineering processes for the development of system test planning