



Example of Component Engineer Job Description

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Our company is growing rapidly and is looking to fill the role of component 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 component engineer

- Participates in supply chain risk analysis with input in AML Validates AML in an effective manner
- Change requirements as indicated by the Allegiant Air Continuous Analysis and Surveillance (CAS) Program
- Assist in supporting 14 CFR 121.373 Continuing Analysis and Surveillance requirements through monitoring of the effectiveness of Maintenance Inspection Programs as related to component repairs
- Develop performance criteria and critical specifications for components
- Review prototype designs for potential issues, and develop and execute tests to confirm acceptable performance
- Manage work and timing with global component suppliers
- Communicate, coordinate, and consult with cross-functional team
- Investigate alternate component technologies or suppliers that reduce cost, improve quality, reliability, and/or exportability and implement changes as approved
- Provides direction to other engineering personnel and manufacturing operations
- Manage documentation, drawings, and test records for components

Qualifications for component engineer

- Superior organizational and analytical skills with keen attention to detail and quality expected

- Working knowledge of military standards and NASA specifications is desired (MIL-PRF-38535, MIL-PRF38534, MIL-STD-883, MIL-STD-750, MIL-STD-202, MIL-STD-1580, EEE-INST-002)
- Working knowledge of heaters, temperature sensors, pressure transducers, and EEE parts preferred
- Fundamental understanding of launch vehicle and/or spacecraft systems a plus
- Experienced in technical management of suppliers during a product development phase desired