

Job Title:	Software Requirement/Testing Engineer
Position Type :	Full-time
Location:	Smyrna, GA
Reports To:	System Integration Manager
<p>Position Summary:</p> <p>Develop software requirements and/or develop and test procedures for embedded Ada code for incorporation into an existing military aircraft operational flight program (OFP) following established procedures and processes required for RTCA/DO-178B (Level "A") certification. Additionally, maintain and modify other associated OFP artifacts - including software design and testing documentation.</p> <p>Develop software requirements and/or develop test procedures for C# code for incorporation into an existing ground based data management system following established procedures and processes. Maintain and modify associated artifacts including test procedures, test reports, test log book, and other items are required by software manager.</p> <p>Duties:</p> <ul style="list-style-type: none"> • Establish software requirements from higher level aircraft avionics specification following structured design and analysis methods. • Establish test procedures from higher level systems specification • Develop Ada code in conformance with existing software design for improvements in avionics hardware capabilities, safety critical algorithms, and flight displays menus. • Debug Ada code on avionics hardware or simulators. • Develop C# code for incorporation into ground based systems • Debug C# code <p>Skills/Qualifications:</p> <p>BSEE/BSCS or comparable Technical degree with 3+ years proven experience in software requirements definition, embedded software development, and integration and/or software test definition, execution, and report generation. Avionics or military programs background preferred. Knowledge of the RTCA/DO-178B development processes. Ability to code in Ada, write UNIX shell scripts, and use Serena Dimensions and Rational Apex development environment. C, C++, C# development experience, Microsoft Visual Studio, Microsoft SQL Server and database administration knowledge highly desirable. Ability to adapt to shifting priorities and work cooperatively within a small, rapidly growing multinational team.</p> <p>Interested Candidates should submit a completed resume and cover letter to:</p> <p>Karla Espinoza Human Resources Generalist employment@aleniainc.com 202 293 3433 Office 202 293 0677 Fax</p>	