

## System Safety Software Engineer

**Job Code:** 106-10

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Location: Huntsville, Alabama 35816 United States  
Last Updated: 08/01/2010  
Job Type: Employee  
Job Status: Full Time  
Citizenship: US Citizen  
Travel: Less than 5%  
Paid Relocation: No

### Job Description

PPT is seeking candidates with a minimum of three (3) years experience in engineering and system safety. Key experience includes SAE ARP 4754/4761, MIL-STD-882, Functional Hazard Analysis (FHA), SSA, and Failure Modes and Effects Analysis (FMEA) for systems that contain software, electronics, and complex electronics such as Programmable Logic Devices (PLD) and Field Programmable Gate Arrays (FPGA). Previous experience with validating airworthiness of safety-critical systems is preferred.

Typical duties include:

- ▲ Work with customers to develop state-of-the-art tools and techniques to ensure software safety
- ▲ Perform system software safety analyses, development, verification and validation for PPT's aerospace and military customers

### Requirements

Education: Bachelor's Degree (Science/Engineering)  
Additional Skills: Effective written and verbal communication; organizational skills; MS Office; and familiarity with software and safety standards such as DO-178B, NASA-STD-8719, and MIL-STD-882D

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PPT Solutions, a growing Small Business headquartered in Huntsville, AL, provides services in the following areas:

- ▲ Systems/Software Engineering
- ▲ System/Software Integrity
- ▲ Information Systems Management
- ▲ Business Process Engineering