FlightSafety International Software Engineer

FlightSafety International designs and manufactures full flight simulators, visual systems and other advanced technology training devices for civil and military aircraft programs, and operate the world’s largest fleet of advanced full flight simulators at 40 training locations across the United States, Canada and Europe.

**Job Duties**

Trouble shoots, repairs and modifies production electronic components, parts, equipment and systems in aircraft flight simulators.

Coordinates with engineers to insure proper operation and performance of simulators. Performs installation, operation, design, modification, repair and test of flight simulator hardware and software. Troubleshoots, isolates and repairs or replaces electrical components pertaining to simulators. Sets up and performs tests to evaluate performance and reliability of prototype or production model. Accesses and interprets system schematics, and electrical and mechanical engineering drawings.

Uses specific mathematical skills to find voltage, current and resistance (Ohm’s Law); find frequency, compute amplifier gain; and utilize various formulae required for accurate analysis of electronic circuitry at the component level. Performs other duties as required.

Will be required to work around high AC voltage on a daily basis. Domestic and international travel required.

**Education, Experience and Requirements**

AS in Electronic Technology, avionics or related field and or equivalent military/civilian training with a minimum of 3 years experience.

Must have basic solder skills and the ability to use a volt/ammeter and an oscilloscope.

Technical knowledge/proficiency on VoloView and AutoCAD is a plus. Must be able to interpret schematics, troubleshoot to the component level, and understand and apply AC/DC theory.

Position requires basic skills in Microsoft Office programs: Excel, Word, Outlook. Familiar with NT and UNIX operating systems.

To apply go to www.flightsafety.com click on careers and employment at FlightSafety International and search requisition #15218.

Equal Opportunity Employer Minority/Female/Disabled/Veteran.

Please contact Gene Mason at gene.mason@flightsafety.com if you have any questions.