

Senior Simulator Technician

Reports to: Director of Operations
Division: Everts Air Cargo

Department: Flight Operations
Station: FAI

Job Summary:

Responsible to maintain Level D full flight simulator and other flight training devices in accordance with 14 CFR Part 60 and Everts Air Cargo's Simulator Quality Management System (SQMS) program. Perform troubleshooting, diagnostics, repair, and modification of electronic, hydraulic, and computer systems to maintain 14 CFR Part 60 qualifications.

Essential Functions:

1. Perform preflight and post flight on designated simulators.
2. Apply technical knowledge to perform simple or routine tasks detailed in the SQMS procedures.
3. Provide hardware and software analytical diagnosis and corrective maintenance on simulators and associated training devices.
4. Performs and/or installs configuration changes, upgrades, or other modifications of equipment and resolves complex technical problems.
5. Proficient in executing simulator diagnostics and QTG tests to assess and monitor simulator performance.
6. Ensure the Full Flight Simulator (FFS) meets all Part 60 requirements.
7. Ability to read and use technical schematics, drawing and manuals along with other technical material to resolve complex problems.
8. Modify aircraft electrical wiring systems, or components, following drawings, engineering, or technical publications.
9. Perform housekeeping functions to maintain the simulators as required.
10. Assists in training less experienced personnel in their skill development.
11. Operate ground support equipment and performs minor maintenance as necessary.
12. Available for on-call contract maintenance as needed.
13. Build an organizational culture in which passion for continuous improvement is innate.
14. Ensure adherence to procedures that promote the health and welfare of all employees.
15. Promote the mission, vision, and values that the Company has developed, and ensure adherence to the Everts leadership manual and employee handbook.

Additional Responsibilities:

Safety

1. Comply with all safety aspects, specific practices and procedures of the work scope and position(s).
2. Be familiar with the Company's Safety Management System (SMS) and Occupational Safety Manual (OSM).
3. Contribute to the Safety Culture of the Company and report any Safety Hazards.
4. Required to learn and understand Dangerous Goods Transportation requirements.
5. Keep your work areas clean and free of hazards; correct unsafe conditions when encountered and report those, that you are unable to personally correct, to a supervisor.

Security

1. Comply with all security practices, policies, and procedures as trained.
2. Maintain employee vigilance and report all security concerns.

Physical Abilities:

The Physical requirements indicated below are examples of the physical aspects that this position must perform in carrying out essential job functions.

1. Ability to reach horizontally and vertically with arms. Sufficient dexterity to manipulate small objects and print or write legibly.
2. Sufficient physical ability, strength, mobility, and stamina to lift, carry, push, or pull objects which may frequently exceed 70 pounds in a series of functional tests which clearly simulates the work environment.
3. Physical ability to sit for extended periods of time.
4. Requires the ability to be sedentary for extended periods of time.
5. Shall perceive the nature of sound, near and far vision, depth perception, providing oral information, the manual dexterity to operate business related equipment, and handle and work with various materials and objects are important aspects of this job.
6. Requires the ability to understand and retain information provided verbally and written.
7. Requires standing on hard surfaces, floors, ladders, and work stands for extended periods of time.

Reasonable accommodation may be made to enable a person with a disability to perform the essential functions of the job.

Qualifications:

1. Preferred Bachelor’s Degree Electrical Engineering or Electrical Engineering Technology; or minimum of two (2) years’ experience in flight simulation maintenance.
2. FFS/FSTD experience in supervisory role.
3. Ability to work effectively in a team environment.
4. Preferred previous experience in electronics, avionics, or a related field.
5. Ability to read and understand schematics and wiring diagrams.
6. Experience with electronic diagnostic equipment.
7. Proficient with simulator computer software.
8. Understanding of 14 CFR Part 60 and AC 120-40.
9. Comfortable with a flexible work schedule.

This job description in no way states or implies that these are the only duties to be performed by this employee. He or She will be required to follow any other instructions and to perform any other duties requested by his or her supervisor.

Everts Air Cargo is an Equal Employment Opportunity Commission compliant (EEOC) employer.

Employee Signature _____ Date _____

Employee Printed Name _____