



Job Description Title: Simulator Technician (Various positions available)

- **Internship**
- **Tech Training**
- **Tech I**
- **Tech II**

Division Department: Technical Services

Location: Henderson NV

Reports to: Manager, Simulator Maintenance/Shift Supervisor

Work Schedule: Sunday through Saturday
Must be able to be flexible and work all shifts on an as-needed basis.
Over time, as required, must be approved by the supervisor.

Exemption Status: Non-Exempt

Summary of duties and responsibilities:

The position provides engineering/technical support services required to maintain flight simulators and other related training devices to regulatory standards and Las Vegas Flight Academy's Simulator Quality Management System. Responsibilities include providing daily readiness, preventative and corrective hardware/software maintenance, and fault diagnosis on training devices and related equipment.

Primary duties and responsibilities:

1. Develop simulator technical support skills by applying technical knowledge to perform simple or routine tasks associated with best commercial practices and guidelines detailed in the SQMS procedures.
2. Develop capabilities to perform corrective and preventative maintenance in accordance with regulatory and SQMS standards.
3. Develop technical competence to troubleshoot simulator systems, including computer systems, visual systems, I/O, and hydraulics/motion/flight controls.
4. Develop the ability to conduct simulator quarterly performance tests.
5. Assist customers in the operation of simulators, and instructor station operation.
6. Develop abilities to conduct simulator pre-flights and preparation of training devices for customer training.
7. Performs other related duties and assignments as required.

Responsibility for work and/or training others: None

Direction/Supervision Received:

Primarily receives tasks and priorities for work assignments from the shift supervisor or assigned Senior Simulator Specialist.

Knowledge/Skills:

1. Have demonstrated knowledge in the repair of computer systems and networks, electrical systems, electronics, and electro-mechanical systems.
2. Demonstrated competence through satisfactory progressive performance in an electronic or computer/network maintenance environment.

Education/Training:

1. Minimum 2-year Technical Degree in Electronics Technology or related field and/or related experience.
2. Completion of the training program(s) on specialized training in a flight simulation-related field.
3. Completion of aircraft ground schools and assigned internal training program.

Work Experience:

6 plus years providing technical support on flight simulators or related equipment, 2 of which must be in a supervisory or technical lead position.

Physical environment/working conditions:

Work conditions include exposure to heavy machinery and computer/office environments. The physical environment will include working with hazardous materials such as hydraulic fluids and solvents. Additional requirements would include the ability to lift up to 50 lbs., sitting, standing, bending, stooping, or working in an elevated condition.

Equipment/machinery used:

Full-flight simulators and other training devices are manufactured by various companies. General operational knowledge of office equipment such as copiers, computers, and office applications such as Word, Excel, etc.