

JOB DESCRIPTION

(AA-HR-ALL-F-108)

Division: Aviation	Location: SAIF Zone, Sharjah
Job Title: Simulator Engineer	Department: SIM Department

Department Structure

Reports To:

Senior Simulator Engineer

The Job:

Junior Simulator Engineer

Direct Subordinates:

Description:

Essential elements of the job include performing installation of flight simulation devices and flight control devices, operation, inspection, regular maintenance, design, modification, repair and testing. The Simulator Engineer will be working with software that runs modern flight simulators and associated electronic devices under the control of the Flight Simulator Engineer.

Key Tasks:

- Maintaining training devices to regulatory and company standards, ensuring that Devices are ready for use
- Performing daily and periodic preventive maintenance
- Troubleshooting failures and applying curative procedures to solve problems
- Performing training device updates, software and hardware
- Updating technical records
- Run QTG's (Qualification Test Guide) as per schedule
- Perform daily readiness checks prior to training sessions
- Provide maintenance to electronic cards and equipment
- Perform necessary calibration to visual, motion and control loading systems
- Ensuring documentation procedures are completed
- Providing total customer support service
- Take on complex technical tasks under the direction of the Senior Simulator Engineer
- Other duties and responsibilities as required by the management

Qualifications:

Diploma in Electrical and/or Electronic Engineering

Experience:

The postholder should have at least 3 years professional experience within the simulation and training equipment industry

Knowledge/Skills:

- Fluent in English
- Advanced computer skills with knowledge of the MS Office/Windows/Server
- Knowledge of aviation regulations and standards
- Understanding of aviation training business and simulation devices
- Time management and organisational skills
- Analytical problem solver with the ability to perform under pressure
- Customer focused with the ability to be tactful in sensitive situations
- Must possess troubleshooting skills, in depth knowledge in the use of electronic test equipment and advanced software diagnostic utilities
- Proactive and keen to assume responsibility