

**POSITION DESCRIPTION** (Please Read Instructions on the Back)

1. Agency Position No. **NL12656**

2. Reason for Submission:  Redescription  New  Reestablishment  Other

3. Service:  Hdqtrs.  Field

4. Employing Office Location: **Orlando, FL**

5. Duty Station: \_\_\_\_\_

6. OPM Certification No.: \_\_\_\_\_

7. Fair Labor Standards Act:  Exempt  Nonexempt

8. Financial Statements Required:  Executive Personnel Financial Disclosure  Employment and Financial Interests

9. Subject to IA Action:  Yes  No

10. Position Status:  Competitive  Excepted (Specify in Remarks) - SES (Gen.)  SES (ICR)

11. Position is:  Supervisory  Managerial  Neither

12. Sensitivity:  1 - Non-Sensitive  2 - Noncritical Sensitive  3 - Critical Sensitive  4 - Special Sensitive

13. Competitive Level Code: **0991/0992/0993**

14. Agency Use: \_\_\_\_\_

15. Classified/Graded by	Official Title of Position	Pay Plan	Occupational Code	Grade	Initials	Date
a. U.S. Office of Personnel Management						
b. Department, Agency or Establishment						
c. Second Level Review						
d. First Level Review	<b>Interdisciplinary Computer Engineer/Electronics Engineer/ Computer Scientist</b>	<b>GS</b>	<b>0854/0855/1550</b>	<b>09</b>		
e. Recommended by Supervisor or Initiating Office						

16. Organizational Title of Position (if different from official title): \_\_\_\_\_

17. Name of Employee (if vacant, specify): \_\_\_\_\_

18. Department, Agency, or Establishment: **Department of the Army (DA)**

c. Third Subdivision: **Directorate for Engineering and Technology Development (E)**

a. First Subdivision: **U.S. Army Materiel Command (AMC)**

d. Fourth Subdivision: \_\_\_\_\_

b. Second Subdivision: **Simulation, Training and Instrumentation Command (STRICOM)**

e. Fifth Subdivision: \_\_\_\_\_

19. Employee review - This is an accurate description of the major duties and responsibilities of my position.

20. Supervisory Certification. I certify that this is an accurate statement of the major duties and responsibilities of this position and its organizational relationships, and that the position is necessary to carry out Government functions for which I am responsible. This certification is made with the knowledge that this information is to be used for statutory purposes relating to appointment and payment of public funds, and that false or misleading statements may constitute violations of such statutes or their implementing regulations.

a. Typed Name and Title of Immediate Supervisor: **Edwin A. Trier, Acting Director for Eng & Tech Development**

b. Typed Name and Title of Higher-Level Supervisor or Manager (optional): \_\_\_\_\_

Signature: \_\_\_\_\_ Date: **1/16/02**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

21. Classification/Job Grading Certification. I certify that this position has been classified/graded as required by Title 5, U.S. Code, in conformance with standards published by the U.S. Office of Personnel Management or, if no published standards apply directly consistently with the most applicable published standards.

22. Position Classification Standards Used in Classifying/Grading Position: **OPMPCS for Comp Eng Series, GS-0854, Jan 88, TS-83, Jul 99; OPMPCS for Elect Eng Series, GS-855, Feb 71, TS-3, Jul 99; OPMPCS for Comp Science Series, GS-1550, Jan 88, TS-83, Jul 99; GGEG for Nonsupv Pro Eng Positions, GS-800, TS-6, Jun 71.**

Typed Name and Title of Official Taking Action: **James L. Laughlin, Colonel, GS, Chief of Staff**

Information for Employees. The standards, and information on their application, are available in the personnel office. The classification of the position may be reviewed and corrected by the agency or the U.S. Office of Personnel Management. Information on classification/job grading appeals, and complaints on exemption from FLSA, is available from the personnel office or the U.S. Office of Personnel Management.

Signature: \_\_\_\_\_ Date: **13 Jan 02**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

23. Position Review	Initials	Date								
a. Employee (optional)										
b. Supervisor										
c. Classifier										

24. Remarks: **This is a developmental position training to the full performance level of PD #12654. The duties assigned prepare the employee for full performance in the career ladder; are performed under closer supervision, and are commensurate with the grade of the position. Promotion is based on satisfactory performance, recommendation of the supervisor, the availability of funds, and work at the higher level. This is not a complete description without the full performance level PD #12654 attached. NON-CRITICAL ACQUISITION POSITION: The employee must meet DoD 5000.52-M requirements applicable to the duties of the position. BUS: 7777**

25. Description of Major Duties and Responsibilities (See Attached)

### INTRODUCTION

Position located in one of the business areas within the Directorate for Engineering and Technology Development (E) of the Simulation, Training and Instrumentation Command (STRICOM), a major subordinate command of the U.S. Army Materiel Command (AMC). The mission of STRICOM is to provide centralized management and direction for all research, development, acquisition and fielding of Army training devices, simulations and simulators; instrumentation, targets and threat simulation; and Distributed Interactive Simulation (DIS). The commander centrally directs, coordinates, and supports the materiel development, acquisition and sustainment activities through the matrix organization and four Project Managers. These divisions perform technology-based management, concept formulation, acquisition management and technical contract management of simulations, simulators, training systems and instrumentation projects assigned to STRICOM. The purpose of work involves treating a variety of conventional computer engineering, electronics engineering and/or computer science problems, questions, or situations in conformance with established criteria.

### MAJOR DUTIES

Serves as an advanced trainee in accomplishing a variety of developmental duties in support of the overall work of the organization. Assignments are selected to broaden skills and provide practical experience for progressively more complex assignments. The specific duties assigned to this position will vary, depending upon the developmental needs of the individual employee.

1. **Performs professional or technical duties.** Serves under the professional guidance and direction of higher grade engineers in support of project Integrated Product Teams (IPTs) performing activities to include: system and software design, implementation and testing. Receives on-the-job training in the Engineering Directorate in technical areas including: Synthetic Natural Environments, Computer Generated Forces simulations, and visual and image generation systems. Gains experience in practical applications of engineering principles and concepts. Performs progressively more complex assignments that are designed to provide experience and familiarity with a wide variety of engineering fundamentals and concepts.

2. **Performs administrative duties.** Reviews, coordinates, and monitors implementation of policies governing the program area. Develops and carries out local directives and guidance. Maintains program records and prepares and submits reports. Develops information papers and briefings.

Performs other duties as assigned.

**KNOWLEDGE REQUIRED BY THE POSITION**

- Knowledge of the principles, concepts, and methodology of computer engineering, electronics engineering and/or computer science that has been supplemented by skill gained through formal training and job experience to permit independent performance of recurring assignments. Knowledge may be supplemented by expanded computer engineering, electronics engineering, and/or computer science knowledge gained through relevant graduate study or experience, that has provided skill in carrying out assignments, operations, and procedures that are significantly more difficult and complex than the elementary assignments performed by entry-level positions.

**Factor 1. Nature of Assignment:**

This position involves treating a variety of conventional problems, questions, or situations in conformance with established criteria. Decisions regarding what needs to be done depends upon the analysis of the subject, phase, or issues involved in each assignment. The employee analyzes results and recommends changes involving conditions and elements that must be identified and analyzed to discern interrelationships using different and unrelated, but well-established, processes and methods.

**Factor 2. Level of Responsibility:**

The supervisor over this position makes assignments by defining objectives, priorities, and deadlines and assists the incumbent with unusual situations that do not have clear precedents. The incumbent plans and carries out successive steps in close collaboration with the supervisor, and handles problems and deviations in the work assignments independently, in accordance with instructions, policies, previous training, or accepted practices in the occupation. Completed work is evaluated for technical soundness, appropriateness, and conformity to policy and requirements.

Personal contacts are with employees in the Army for the purpose of planning, coordinating, or advising on work efforts, or to influence or motivate individuals who are working toward mutual goals with cooperative attitudes.

**Training Plan for Interdisciplinary Engineer Career Ladder GS 05/07/09/11**

**GS-05 - 0854/0855/1550**

- On-the-Job (OJT) training in either a technology area, or an acquisition program
- Attendance at conference/workshops (Candy Bar seminars, Spring/Fall Simulation Interoperability Workshop (SIW), The Interservice/Industry Training, Simulation and Education Conference (I/ITSEC))
- DAU Course - ACQ 101, Fundamentals of Systems Acquisition Management
- Upon successful completion will have met training requirements for next level

**GS-07 - 0854/0855/1550**

- OJT in either a technology area, or an acquisition program.
- Attendance at conference/workshops (Candy Bar seminars, Spring/Fall Simulation Interoperability Workshop (SIW), The Interservice/Industry Training, Simulation and Education Conference (I/ITSEC), other as identified by supervisor)
- DAU Course ACQ 201, Intermediate Systems Acquisition
- Attain Level I certification in SPRDE
- Upon successful completion will have met training requirements for next level

**GS-09 - 0854/0855/1550**

- OJT in either a technology area, or an acquisition program
- Attendance at conference/workshops (Candy Bar seminars, Spring/Fall Simulation Interoperability Workshop (SIW), The Interservice/Industry Training, Simulation and Education Conference (I/ITSEC), other as identified by supervisor)
- DAU Course Sys 201, Intermediate Systems Planning, Research, Development and Engineering
- Attain level II certification in SPRDE, Level I in Program Management
- Upon successful completion will have met training requirements for next level

**GS-11 - 0854/0855/1550**

- Principal Investigation on a small technology program or project engineer on a small acquisition program
- Attendance at conference/workshops (Candy Bar seminars, Spring/Fall Simulation Interoperability Workshop (SIW), The Interservice/Industry Training, Simulation and Education Conference (I/ITSEC), other as identified by supervisor)
- DAU Course SYS 301, Advanced Systems Planning, Research, Development and Engineering
- Attain Level III SPRDE
- Upon successful completion will have met training requirements for next level