

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

1. Agency Position No. **NL12657**

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,  Exempt (Specify in Remarks),  SES (Gen.),  SES (CR)

11. Position is:  Supervisory,  Managerial,  Neither

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

13. Competitive Level Code: **0667/0668/0669**

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>07</b>		
e. Recommended by Supervisor or Infilling 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)**

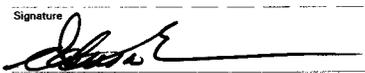
e. Fifth Subdivision: \_\_\_\_\_

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, Eng and Tech Development**

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

Signature:  Date: **5/10/02**

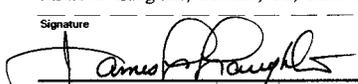
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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; OPM PCS for Elect Eng Series, GS-855, Feb 71, TS-3, Jul 99; OPM PCS for Comp Science Series, GS-1550, Jan 88, TS-83, Jul 99; GGEG for Nonsupv Pro Eng Positions, GS-800, TS-6, Jun 71.**

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.

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

Signature:  Date: **13 May 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 #NL12654 attached. NON-CRITICAL ACQUISITION POSITION: The employee must meet DoD 5000.52-M requirements applicable to the duties of the position. BUS:**

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 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 the execution of specific rules, regulations, or procedures and typically comprises a complete segment of an assignment or project of broader scope.

**MAJOR DUTIES**

Serves in an intermediate trainee level capacity 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 portions of professional or technical projects.** 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 at STRICOM in technical areas including: Synthetic Natural Environments, Computer Generated Forces simulations, and visual and image generation systems. Gains experience in operations of the organization and in practical applications of engineering principles and concepts. Performs aggressively more difficult assignments that are designed to provide experience and familiarity with a wide variety of engineering fundamentals and concepts.

2. **Performs administrative duties.** Gathers and reviews a variety of narrative and/or statistical data to prepare reports. Conducts analyses of data to support conclusions or recommendations for action. Assists in the conduct of literature searches and analysis of topics relating to the STRICOM-assigned acquisition, and research and development missions that will normally be electronic in nature and conducted using the World Wide Web or local computer based databases.

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 elementary assignments performed by entry-level positions.

**Factor 1. Nature of Assignment:**

Incumbent executes specific rules, regulations, or procedures that typically comprises a complete segment of an assignment or project of broader scope of a higher-grade engineer. Work is assigned with specific and detailed instructions indicating what is required, timeframes, method and approach and desired results. Work involves conditions and elements that must be identified and analyzed to discern interrelationships typically involving related and well-established processes. Incumbent works as instructed using judgment to recognize and refer situations for approval of supervisor if not covered by instructions.

**Factor 2. Level of Responsibility:**

Incumbent works under close supervision of the supervisor/team leader or higher-graded employee. Non-repetitive technical assignments are reviewed in progress and upon completion for technical accuracy and adherence to instructions.

Incumbent exercises judgment in selecting the most appropriate guides and independently plans the details to accomplish assignments covered by instructions.

Personal contacts are with employees outside the organization in the Army. People contacted are generally engaged in different functions, missions, and kinds of work, e.g., representatives from various levels within the Army, such as headquarters, regional, district, or field offices, or other operating offices at the immediate installation.

Purpose of contacts is for obtaining and exchanging factual information related to performance of developmental planning assignments. Individuals and other Army representatives contacted are usually pursuing mutual goals and are cooperative.

**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