



Federal Supply Service  
Authorized Federal Supply Schedule Price List

*On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order are available through **GSA Advantage!**, a menu driven database system. Find it on the web at <http://www.fss.gsa.gov>.*



**CymSTAR LLC offerings under  
Federal Supply Schedule  
FSC Group 69 – Training Aids and Devices  
FSC Class: 6910**

**Contract Number: GS-02F-0031U  
Contract Period: effective December 18, 2007**

**Contact Information:  
CymSTAR LLC**

**1700 W. Albany St.  
Suite 500**

**Broken Arrow OK 74012-1419**

**Telephone: 918-251-8100**

**Fax: 918-251-8200**

**Attention: Alex Nick**

**Email: [alex.nick@cymstar.com](mailto:alex.nick@cymstar.com)**

**Visit us on the web at [www.cymstar.com](http://www.cymstar.com)**

Business Size: Service Disabled Veteran Owned Small Business, Hubzone Certified Small Business



**Customer Information:**

**Products:**

SIN	Item No.	Item Description	Price (W/IFF)	Country of Origin
27-100	0002A	Badger AK-47 Simulator	\$17,277	USA
27-100	0001A	Setup Fee	\$9,947	USA
27-100	SPARE	Badger Spares Kit	\$3,179	USA
27-500		Direct Labor Rates – See page #3		

**Quantity Discount:** 5% for 11-20 ordered  
8% for 21-50 ordered  
10% for 51-100 ordered  
15% for 101 or more ordered

(Setup Fee not included in Discounts)

*For more information on our products, refer to Product Information Page 7.*



**Direct Labor:** CymSTAR LLC offers training simulation design, upgrade, repair, and maintenance using the following Direct Labor rates. These services are available on a Firm Fixed Price basis (FFP) at either the Contractor's site or the Government site. All Direct Labor is under SIN 27-500.

For descriptions of the Job Titles, refer to pages 8-18.

<b>FUNCTIONAL JOB TITLE</b>	<b>PART NUMBER</b>	<b>2008 HOURLY w/IFF</b>
<b>Contractor's Site</b>		
Chief Engineer	CS01CENG	\$111.64
Manager of Engineering	CS02MGENG	\$112.35
Program Manager	CS03PM	\$97.04
Program Manager- Senior	CS04PMS	\$109.34
Program Manager- Principal	CS05PMP	\$127.65
Project Engineer	CS06PENG	\$110.68
Aerospace Engineer Intern	CS07AENGI	\$74.00
Aerospace Engineer	CS08AENG	\$82.00
Aerospace Engineer Senior	CS09AENGS	\$96.46
Aerospace Engineer Principal	CS10AENGP	\$110.68
Software Engineer Intern	CS11SENGI	\$74.00
Software Engineer	CS12SENG	\$82.00
Software Engineer Senior	CS13SENGS	\$96.46
Software Engineer Principal	CS14SENGP	\$110.68
Systems and Software Engineer Intern	CS15SSENGI	\$74.00
Systems and Software Engineer	CS16SSENG	\$82.00
Systems and Software Engineer Senior	CS17SSENGS	\$96.46
Systems and Software Engineer Principal	CS18SSENGP	\$110.68
Electrical Engineer Intern	CS19EENGI	\$74.00
Electrical Engineer	CS20EENG	\$82.00
Electrical Engineer Senior	CS21EENGS	\$96.46
Electrical Engineer Principal	CS22EENGP	\$110.68
Mechanical Engineer Intern	CS23MENGI	\$74.00
Mechanical Engineer	CS24MENG	\$82.00
Mechanical Engineer Senior	CS25MENGS	\$96.46
Mechanical Engineer Principal	CS26MENGP	\$110.68
Technical Writer Intern	CS27TWI	\$55.41
Technical Writer	CS28TW	\$61.50
Technical Writer Senior	CS29TWS	\$72.26
Technical Writer Principal	CS30TWP	\$83.02
Electrical Technician Intern	CS31ETI	\$43.64
Electrical Technician	CS32ET	\$49.75
Electrical Technician Senior	CS33ETS	\$54.01



FUNCTIONAL JOB TITLE	PART NUMBER	2008 HOURLY w/IFF
Electrical Technician Principal	CS34ETP	\$66.92
Mechanical Technician Intern	CS35MTI	\$43.64
Mechanical Technician	CS36MT	\$49.75
Mechanical Technician Senior	CS37MTS	\$54.01
Mechanical Technician Principal	CS38MTP	\$66.92
Simulator Technician Intern	CS39SIMTI	\$53.44
Simulator Technician	CS40SIMT	\$66.78
Simulator Technician Senior	CS41SIMTS	\$78.86
Simulator Technician Principal	CS42SIMTP	\$97.70
<b>Government Site</b>		
Program Manager	GS03PM	\$78.58
Program Manager- Senior	GS04PMS	\$88.55
Program Manager- Principal	GS05PMP	\$103.38
Project Engineer	GS06PENG	\$89.63
Aerospace Engineer Intern	GS07AENGI	\$59.93
Aerospace Engineer	GS08AENG	\$66.41
Aerospace Engineer Senior	GS09AENGS	\$78.12
Aerospace Engineer Principal	GS10AENGP	\$89.63
Software Engineer Intern	GS11SENGI	\$59.93
Software Engineer	GS12SENG	\$66.41
Software Engineer Senior	GS13SENGS	\$78.12
Software Engineer Principal	GS14SENGP	\$89.63
Systems and Software Engineer Intern	GS15SSENGI	\$59.93
Systems and Software Engineer	GS16SSENG	\$66.41
Systems and Software Engineer Senior	GS17SSENGS	\$78.12
Systems and Software Engineer Principal	GS18SSENGP	\$89.63
Electrical Engineer Intern	GS19EENGI	\$59.93
Electrical Engineer	GS20EENG	\$66.41
Electrical Engineer Senior	GS21EENGS	\$78.12
Electrical Engineer Principal	GS22EENGP	\$89.63
Mechanical Engineer Intern	GS23MENGI	\$59.93
Mechanical Engineer	GS24MENG	\$66.41
Mechanical Engineer Senior	GS25MENGS	\$78.12
Mechanical Engineer Principal	GS26MENGP	\$89.63
Technical Writer Intern	GS27TWI	\$44.87
Technical Writer	GS28TW	\$49.81
Technical Writer Senior	GS29TWS	\$58.52
Technical Writer Principal	GS30TWP	\$67.23
Electrical Technician Intern	GS31ETI	\$38.91
Electrical Technician	GS32ET	\$43.67



<b>FUNCTIONAL JOB TITLE</b>	<b>PART NUMBER</b>	<b>2008 HOURLY w/IFF</b>
Electrical Technician Senior	GS33ETS	\$48.83
Electrical Technician Principal	GS34ETP	\$60.50
Mechanical Technician Intern	GS35MTI	\$38.91
Mechanical Technician	GS36MT	\$43.67
Mechanical Technician Senior	GS37MTS	\$48.83
Mechanical Technician Principal	GS38MTP	\$60.50
Simulator Technician Intern	GS39SIMTI	\$53.78
Simulator Technician	GS40SIMT	\$56.86
Simulator Technician Senior	GS41SIMTS	\$59.97
Simulator Technician Principal	GS42SIMTP	\$74.31



2. **Maximum Order:** \$1,000,000
3. **Minimum Order:** \$100.00
4. **Geographic Coverage:** Worldwide
5. **Points of Production:** Broken Arrow, Tulsa County, Oklahoma
6. **Discount from list prices or statement of net price:** See price list page 2
7. **Quantity Discounts:** See price list page 2
8. **Prompt Payment Terms:** Payment terms are normally Net 30, no prompt payment terms are offered
9. a. Government purchase cards are accepted below the micropurchase threshold.
9. b. Government purchase cards are accepted above the micropurchase threshold.
10. **Foreign items:** See price list.
11. a. **Time of Delivery:** You may contact CymSTAR for delivery schedule
11. b. **Expedited Delivery:** You may contact CymSTAR if you need expedited delivery
11. c. **Overnight and 2-day delivery:** You may contact CymSTAR for availability and pricing
11. d. **Urgent requirements:** You may contact CymSTAR if you have special requirements for urgent delivery.
12. **F.O.B. Points:** Destination
13. **Ordering Address:**

1700 W. Albany Street  
Suite 500  
Broken Arrow OK 74012-1419  
Phone: 918-251-8100  
Fax: 918-251-8200
14. **Payment Address:**

1700 W. Albany Street  
Suite 500  
Broken Arrow OK 74012-1419
15. **Warranty Provision:** Standard Warranty applies
16. **Export Packing Charges:** Not Applicable
17. **Terms and Conditions of Government Purchase Card Acceptance:** CymSTAR will accept the Governmentwide Commercial Purchase Card for purchases equal to or less than the micro-purchase threshold; in addition, CymSTAR will accept the Governmentwide Commercial Purchase Card for purchases over the micro-purchase threshold.



18. **Terms and Conditions of Rental, Maintenance, and Repair:** Not Applicable
19. **Terms and Conditions of Installation:** Not Applicable
20. **Terms and Conditions of Repair Parts:** Not Applicable
20. a. **Terms and Conditions for any other Services:** Not Applicable
21. **List of Service and Distribution Points:** Not Applicable
22. **List of Participating Dealers:** Not Applicable
23. **Preventive Maintenance:** Not Applicable
24. **Environmental Attributes:** Not Applicable
25. **DUNS Number:** 137785155
26. CymSTAR LLC is registered with the Central Contractor Registration (CCR) database.

## Product Information: Badger AK-47 Simulator



The BADGER is a remotely operated simulation of an AK-47 assault rifle. It uses explosions of oxygen and propane to simulate the flash, noise, and percussive effects of the AK-47. It is designed to work with commonly available oxygen and propane cylinders and automotive batteries. The remote control can operate several different units at ranges of up to 500 yards.

### Features:

- Accurate Sound Pressure and Volume
- Accurate Rate of Fire – 600 rounds per minute
  - Fires in Bursts and Single Rounds
  - Realistic Flash and Concussive effects
- Operates on Propane, Oxygen and 12V Battery
- Uses Spread Spectrum Wire Remote – Range 500 yards
- Weather Resistant, Ruggedized, Portable
- Built from Commercial Over-the-Shelf (COTS) components
  - Uses commercial Liquid Propane (LP) tank used for outdoor grills
  - Uses standard oxygen tank used in welding
  - Uses 12 V Automotive battery
- Configurable to replicate other weapons
- Supports Convoy, Mount, and Live Fire Training
- Includes a specially-designed ATA-300 case for transport and storage.

### Ordering Information:

Minimum Order Quantity: 10 each

Recommended Spares Quantity: 5 each per 10 each Badger units ordered

A non-recurring Setup Fee (see price list) will be charged for each order of 10 or more units.



<b>DIRECT LABOR SKILLS DESCRIPTION</b>				
<b>Job Seq. No.</b>	<b>Functional Job Title</b>	<b>Experience/No. of Yrs</b>	<b>Academic Equivalent</b>	<b>Duties/Responsibilities</b>
1	Chief Engineer	MS or equivalent in Engineering. Possess a minimum of 15 years post MS experience performing progressively more complex analysis and research in a technical discipline	Waiver Required	Lead highly complex technical studies and analysis efforts. Involved in Training Needs Analysis.
2	Manager of Engineering	BS or Equivalent in Engineering. Possess a minimum of 15 years experience	Waiver Required	Assist Program Manager in managing contracts, specifically in scheduling and directing engineering/technical staff.
3	Program Manager	7-11 yrs experience in direct Program Management	BS Degree in technical field or business or equivalent military or job experience.	Manages small scale contracts or assists with the management of larger scale contracts. Responsible for task orders placed against the contract and is accountable to the customer for the technical quality, content, and results of all projects, including cost and schedule.
4	Senior Program Manager	12-15 yrs experience in direct Program Management of contracted workloads.	BS Degree in technical field or business or equivalent military or job experience.	Manages medium scale contracts/projects ensuring conformance to task specifications and contract provisions including cost and schedule. Directs, oversees, and controls a team of multi-disciplined personnel to accomplish the overall contract delivery.
5	Principal Program Manager	15+ yrs experience in direct Program Management of Commercial and/or Military projects.	BS Degree in technical field or business or equivalent military or job experience.	Manages large scale contracts/projects ensuring conformance to task specifications and contract provisions, including costs and schedule. Directs, oversees, and controls a team of multi-disciplined personnel to accomplish the overall management of the contracts. Is the primary customer interface.



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6	Project Engineer	BS/MS in Software Engineering, Computer Science, Information Technologies, Data Processing, Electrical Engineering, Electronic Engineering, Mechanical Engineering, Physics, or Mathematics. 5 yrs direct experience as lead technical engineer in one of the disciplines listed above. Some direct experience working on Project desired. Direct customer interface experience required.	Waiver Required	Accountable to the Program Manager for overall program technical performance. Includes direct responsibility for engineering performance to contract requirements, including configuration management and documentation. Shall serve as the technical focal point for assigned projects.
7	Aerospace Engineer Intern	BS/MS in Aerospace Engineering, Physics, or Mathematics. 0-2 yrs directly related experience	10 yrs direct related experience or Waiver	Novice Aerospace Engineering services.
8	Aerospace Engineer	BS/MS in Aerospace Engineering, Physics, or Mathematics. 3-6 yrs of directly related experience (2 yrs with an MS Degree)	Waiver Required	Aerospace Engineering services.



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9	Aerospace Engineer Senior	BS/MS in Aerospace Engineering, Physics, or Mathematics. 7-11 yrs directly related experience (5 yrs with MS degree). At least 3 yrs progressive responsibility in providing technical leadership.	Waiver Required	Senior level engineering services and technical leadership of Aerospace Engineering.
10	Aerospace Engineer Principal	BS/MS in Aerospace Engineering, Physics, or Mathematics. 12+ yrs directly related experience (10 yrs with MS degree). At least 6 yrs progressive responsibility in providing technical leadership.	Waiver Required	Superior level engineering services and technical leadership of Aerospace Engineering.
11	Software Engineer Intern	BS/MS in Software Engineering, Computer Science, Information Technologies, Data Processing, Electrical Engineering, Electronic Engineering, Physics, or Mathematics. 0-2 yrs directly related experience	BS or 5 yrs direct related experience or Waiver	Novice Software Engineering services.



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12	Software Engineer	BS/MS in Software Engineering, Computer Science, Information Technologies, Data Processing, Electrical Engineering, Electronic Engineering, Physics, or Mathematics. 3-6 yrs of directly related experience (2 yrs with an MS Degree)	BS or 8 yrs direct related experience or Waiver	Software Engineering services.
13	Senior Software Engineer	BS/MS in Software Engineering, Computer Science, Information Technologies, Data Processing, Electrical Engineering, Electronic Engineering, Physics, or Mathematics. 7-11 yrs directly related experience (5 yrs with MS degree). At least 3 yrs progressive responsibility in providing technical leadership.	Waiver Required	Senior level engineering services and technical leadership of Software Engineering, including conceptual systems design and guidance of other engineers.
14	Principal Software Engineer	BS/MS in Software Engineering, Computer Science, Information Technologies, Data Processing, Electrical Engineering, Electronic Engineering, Physics, or Mathematics. 12+ yrs directly related experience (10 yrs with MS degree). At least 6 yrs progressive responsibility in providing technical leadership.	Waiver Required	Superior level engineering services and technical leadership of Software Engineering. Task leadership in system concept and design. Includes lead engineer for systems development.



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15	Software and Systems Engineer Intern	BS/MS in Software Engineering, Computer Science, Information Technologies, Data Processing. 0-2 yrs directly related experience	10 yrs direct related experience or Waiver	Novice Software systems analysis services.
16	Software and Systems Engineer	BS/MS Eng., Computer Science, Software, Mathematics, or Physics. 3-6 yrs of directly related experience (2 yrs with an MS Degree) in systems integration and analysis of military hardware and software systems/ processes.	Waiver Required	Provides technical delivery order expertise and technical guidance in solving complex hardware/software engineering problems. Provides technical support of all phases of hardware/software design analysis, development, integration, and implementation. Capable of determining appropriate use of technologies in solving engineering problems.
17	Software and Systems Engineer Senior	BS/MS Eng., Computer Science, Software, Mathematics, or Physics. 7-11 yrs (5 yrs with MS degree) of progressive experience in systems integration and analysis of military hardware and software systems/ processes. 2 yrs experience leading system design, integration, and analytical efforts.	Waiver Required	Provides highly technical delivery order expertise and technical guidance in solving complex hardware/software engineering problems. Provides technical leadership of all phases of hardware/software design analysis, development, integration, and implementation. Capable of determining appropriate use of technologies in solving engineering problems.



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18	Software and Systems Engineer Principle	BS/MS in Software Engineering, Computer Science, Information Technologies, Data Processing. 12+ yrs directly related experience (10 yrs with MS degree). At least 6 yrs progressive responsibility in providing technical leadership.	Waiver Required	Superior level engineering services and technical leadership of software systems analysis. Includes all of the qualifications of the Senior Systems Engineer
19	Electrical Engineer Intern	BS/MS in Electronic Engineering, Electrical Engineering, Physics, or Mathematics. 0-2 yrs directly related experience	10 yrs direct related experience or Waiver	Novice Electronic/ Electrical Engineering services.
20	Electrical Engineer	BS/MS in Electronic Engineering, Electrical Engineering, Physics, or Mathematics. 3-6 yrs of directly related experience (2yrs with an MS Degree)	Waiver Required	Electronic/ Electrical Engineering services.
21	Electrical Engineer Senior	BS/MS in Electronic Engineering, Electrical Engineering, Physics, or Mathematics. 7-11 yrs directly related experience (5yrs with MS degree). At least 3yrs progressive responsibility in providing technical leadership.	Waiver Required	Senior level engineering services and technical leadership of Electronic/ Electrical Engineering.



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22	Electrical Engineer Principle	BS/MS in Electronic Engineering, Electrical Engineering, Physics, or Mathematics. 12+ yrs directly related experience (10 yrs with MS degree). At least 6 yrs progressive responsibility in providing technical leadership.	Waiver Required	Superior level engineering services and technical leadership of Electronic/ Electrical Engineering.
23	Mechanical Engineer Intern	BS/MS in Mechanical Engineering, Physics, or Mathematics. 0-2 yrs directly related experience	10 yrs direct related experience or Waiver	Novice Mechanical Engineering services.
24	Mechanical Engineer	BS/MS in Mechanical Engineering, Physics, or Mathematics. 3-6 yrs of directly related experience (2yrs with an MS Degree)	Waiver Required	Mechanical Engineering services.
25	Mechanical Engineer Senior	BS/MS in Mechanical Engineering, Physics, or Mathematics. 7-11 yrs directly related experience (5yrs with MS degree). At least 3yrs progressive responsibility in providing technical leadership.	Waiver Required	Senior level engineering services and technical leadership of Mechanical Engineering.



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26	Mechanical Engineer Principle	BS/MS in Mechanical Engineering, Physics, or Mathematics. 12+ yrs directly related experience (10yrs with MS degree). At least 6 yrs progressive responsibility in providing technical leadership.	Waiver Required	Superior level engineering services and technical leadership of Mechanical Engineering.
27	Technical Writer Intern	Associates degree or equivalent plus 0-2 yrs experience in writing engineering documentation in an aerospace environment.	10 yrs direct related experience or Waiver	Provide technical writing support for engineering specifications, user manuals, monthly reports, engineering studies, etc.
28	Technical Writer	Associates degree or equivalent plus 3-6 yrs experience in writing engineering documentation in an aerospace environment.		Provide technical writing function for engineering specifications, user manuals, monthly reports, engineering studies, etc.
29	Technical Writer Senior	Associates degree or equivalent plus 7-11 yrs experience in writing engineering documentation in an aerospace environment.		Provide Senior level technical writing function for complex engineering specifications, user manuals, monthly reports, engineering studies, etc.
30	Technical Writer Principle	Associates degree or equivalent plus 12+ yrs experience in writing engineering documentation in an aerospace environment.		Provide Superior level technical writing function for complex engineering specifications, user manuals, monthly reports, engineering studies, etc. May include supervisory duties

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31	Electrical Technician Intern	Associates degree or equivalent technical training plus 0-2 yrs related experience as electrical technician. Proven skills in electrical assembly and fault isolation.	10 yrs. direct related experience or Waiver.	Support the build, assembly, checkout, troubleshooting, fault isolation, customer acceptance, installation, problem resolution, and final acceptance for all electrical and electronic components.
32	Electrical Technician	Associates degree or equivalent technical training plus 3-7 yrs related experience. Proven skills in electrical assembly and fault isolation.		Support the build, assembly, checkout, troubleshooting, fault isolation, customer acceptance, installation, problem resolution, and final acceptance for all electrical and electronic components.
33	Electrical Technician Senior	Associates degree or equivalent technical training plus 7-11 yrs. related experience. Proven skills in electrical assembly and fault isolation.		Support the build, assembly, checkout, troubleshooting, fault isolation, customer acceptance, installation, problem resolution, and final acceptance for all electrical and electronic components. Proven capability to provide independent installation and fault isolation capability. Demonstrated ability to work independent of direct supervision.
34	Electrical Technician Principal	Associates degree or equivalent technical training plus 12+ yrs. related experience. Proven skills in electrical assembly and fault isolation.		Support the build, assembly, checkout, troubleshooting, fault isolation, customer acceptance, installation, problem resolution, and final acceptance for all electrical and electronic components. Proven capability to provide independent installation and fault isolation capability. Demonstrated ability to work independent of direct supervision. Proven capability to plan and execute complex installations and supervise other technicians on-site. Direct customer interface is required.



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<b>Job Seq. No.</b>	<b>Functional Job Title</b>	<b>Experience/No. of Yrs</b>	<b>Academic Equivalent</b>	<b>Duties/Responsibilities</b>
35	Mechanical Technician Intern	Associates degree or equivalent technical training plus 0-2 yrs related experience.	10 yrs. direct related experience or Waiver.	Support the build, assembly, checkout, troubleshooting, fault isolation, customer acceptance, installation, problem resolution, and final acceptance for all mechanical and hydraulic components.
36	Mechanical Technician	Associates degree or equivalent technical training plus 3-7 yrs related experience.		Support the build, assembly, checkout, troubleshooting, fault isolation, customer acceptance, installation, problem resolution, and final acceptance for all mechanical and hydraulic components.
37	Mechanical Technician Senior	Associates degree or equivalent technical training plus 7-11 yrs. related experience.		Support the build, assembly, checkout, troubleshooting, fault isolation, customer acceptance, installation, problem resolution, and final acceptance for all mechanical and hydraulic components. Proven capability to provide independent installation and fault isolation capability. Demonstrated ability to work independent of direct supervision.
38	Mechanical Technician Principle	Associates degree or equivalent technical training plus 12+ yrs. related experience.		Support the build, assembly, checkout, troubleshooting, fault isolation, customer acceptance, installation, problem resolution, and final acceptance for all mechanical and hydraulic components. Proven capability to provide independent installation and fault isolation capability. Demonstrated ability to work independent of direct supervision. Proven capability to plan and execute complex installations and supervise other technicians on-site. Direct customer interface is required.



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<b>Job Seq. No.</b>	<b>Functional Job Title</b>	<b>Experience/No. of Yrs</b>	<b>Academic Equivalent</b>	<b>Duties/Responsibilities</b>
39	Simulator Technician Intern	Associates degree or equivalent military or technical training plus 0-2 yrs related experience.	10 yrs direct related experience or Waiver	Support the build, assembly, checkout, troubleshooting, fault isolation, customer acceptance, installation, problem resolution, and final acceptance for all simulator builds and modifications.
40	Simulator Technician	Associates degree or equivalent military or technical training plus 3-7 yrs related experience. Proven skills in mechanical and electrical assembly and fault isolation.		Support the build, assembly, checkout, troubleshooting, fault isolation, customer acceptance, installation, problem resolution, and final acceptance for all simulator builds and modifications.
41	Simulator Technician Senior	Associates degree or equivalent military or technical training plus 7-11 yrs related experience. Proven skills in mechanical and electrical assembly and fault isolation.		Support the build, assembly, checkout, troubleshooting, fault isolation, customer acceptance, installation, problem resolution, and final acceptance for all simulator builds and modifications. Proven capability to provide independent installation and fault isolation capability. Demonstrated ability to work independent of direct supervision.
42	Simulator Technician Principle	Associates degree or equivalent military or technical training plus 12+ yrs related experience. Proven skills in mechanical and electrical assembly and fault isolation.		Support the build, assembly, checkout, troubleshooting, fault isolation, customer acceptance, installation, problem resolution, and final acceptance for all simulator builds and modifications. Proven capability to provide independent installation and fault isolation capability. Demonstrated ability to work independent of direct supervision. Proven capability to plan and execute complex installations and supervise other technicians on-site. Direct customer interface is required.