

**STP 9-94F13-SM-TG**

**SOLDIER'S MANUAL  
and  
TRAINER'S GUIDE**

**SPECIAL ELECTRONIC  
DEVICES REPAIRER**

**MOS 94F**

**SKILL LEVELS 1, 2, and 3**

**JUNE 2006**

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# **SOLDIER'S MANUAL and TRAINER'S GUIDE**

## **MOS 94F**

### **Special Electronic Devices Repairer**

#### **Skill Levels 1, 2, and 3**

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## PREFACE

This STP is intended for soldiers holding MOS 94F, Skill Levels 1, 2, and 3 and their supervisors, trainers, and commanders. It contains an MOS training plan that provides information needed to plan, conduct, and evaluate unit training, one of the most important jobs of military leaders. It includes standardized training objectives in the form of task summaries that can be used to train and evaluate soldiers on critical tasks supporting unit missions during wartime.

Soldiers holding MOS 94F should have access to this publication. Trainers and first-line supervisors should actively plan for soldier access, making it available in work areas, unit learning centers, and unit libraries. However, it is not intended for an individual copy to be provided to each MOS holder. The TSP is obtainable on-line from the Reimer Digital Library (RDL) at <http://www.adtdl.army.mil/atdls.htm>.

All tasks in this publication are trained to peacetime/wartime conditions and apply to the Active Army, the Army National Guard/Army National Guard of the United States, and the United States Army Reserve unless otherwise stated. The proponent of this publication is United States Army Training and Doctrine Command (TRADOC). Submit comments and recommendations on DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to: Department of the Army, Training Directorate, Fix/Arm Division, ATTN: ATCL-TDF, 401 First Street, Suite 225, Fort Lee, VA 23801-1511.

## CHAPTER 1

### Introduction

1-1. General. This soldier training publication (STP) identifies individual military occupational specialty (MOS) training requirements for soldiers holding MOS 94F. Commanders, trainers, and soldiers should use it to plan, conduct, and evaluate individual training in units. The STP is the primary MOS reference for supporting self-development, evaluating MOS proficiency, and training 94F soldiers. Commanders employ two primary methods to evaluate soldier proficiency:

- Commander's evaluation. Commander's evaluations are local tests or assessments of soldiers' performance of MOS-specific and common tasks critical to the unit mission. They may be conducted year-round.
- Common task test (CTT). CTTs are hands-on tests used to evaluate proficiency on common tasks. Alternate written tests are provided if equipment is not available for hands-on testing.

This publication is the soldier's primary reference when preparing for a commander's evaluation of MOS-specific tasks. It contains task summaries for all critical tasks specific to the MOS and skill level (SL). Commanders and trainers will use this soldier's manual/trainer's guide (SM/TG) to plan and conduct training and commander's evaluations.

Chapter 2, Training Guide, contains information needed to plan training requirements for this MOS. The trainer's guide—

- Identifies subject areas in which soldiers must be trained.
- Identifies critical tasks for each subject area.
- Specifies where soldiers are initially trained on each task.
- Recommends how often each task should be trained to sustain proficiency.
- Recommends a strategy for cross-training soldiers.
- Recommends a strategy for training soldiers to perform higher-level tasks.

Use this STP along with STP 21-1-SMCT (Soldier's Manual of Common Tasks, Skill Level 1), STP 21-24-SMCT (Soldier's Manual of Common Tasks, Skill Levels 2-4), Army training and evaluation programs (ARTEPs), FM 25-4 (How to Conduct Training Exercises), FM 25-5 (Training for Mobilization and War), FM 7-0 (Training the Force), and FM 7-1 (Battle Focused Training) to establish effective training plans and programs that integrate soldier, leader, and collective tasks.

1-2. Task Summaries. Task summaries outline wartime performance requirements for each critical task in the STP. They provide both soldier and trainer with the information necessary to prepare, conduct, and evaluate critical task training. As a minimum, task summaries include information soldiers must know and skills they must perform to standard for each task. Following is the task summary format:

- Task number. The task number is a 10-digit number that identifies the task and skill level. Include the task number and title in any correspondence relating to the task.
- Task title. The task title identifies the action to be performed.
- Conditions. The task condition statement describes the field or garrison conditions under which the task will be performed and identifies the equipment, tools, references, job aids, and supporting personnel that the soldier needs to perform the task in wartime.
- Standards. The task standards describe how well and to what level of proficiency the soldier must perform the task under wartime conditions. Standards are typically expressed in terms of accuracy, completeness, duration, sequence, speed, and tolerance.
- Performance measures. This section identifies specific actions that the soldier must accomplish to complete the task successfully. Performance measures appear in a GO/NO-GO rating format for easy evaluation. Some tasks may also include detailed training information in a Training Information Outline and an Evaluation Preparation Section. The Evaluation Preparation Section indicates necessary modifications to task performance in order to train and evaluate a task that cannot be trained to the wartime standard under wartime conditions. It may also include special training and evaluation preparation instructions to accommodate these modifications and any instructions that should be given to the soldier before evaluation.
- References. This section identifies references that provide more detailed explanations of task performance requirements than are given in the task summary.
- Warnings. Warnings alert users to the possibility of immediate personal injury or equipment damage.
- Notes. Notes provide additional supportive explanations or tips relating to task performance

1-3. Soldier's Responsibilities. Each soldier is responsible for performing individual tasks identified by the first-line supervisor based on the unit's mission-essential task list (METL). Soldiers must perform tasks to the standards included in the task summary. If soldiers have questions about tasks or which tasks in the manual they must perform, they are responsible for asking their first-line supervisor for clarification. First-line supervisors know how to perform each task or can direct soldiers to appropriate training materials, including current field manuals, technical manuals, and Army regulations. Soldiers are responsible for using these materials to maintain performance. They are also responsible for maintaining performance of all common tasks listed in the SMCTs at their current skill level and below. Periodically, soldiers should ask

their supervisor or another soldier to check their performance to ensure that they can perform the tasks.

1-4. NCO Self-Development and the STP. Self-development is a key component of leader development. Leaders follow planned, progressive, sequential self-development programs developed by the individual noncommissioned officer (NCO) and his/her first-line supervisor to enhance and sustain military competencies. Self-development consists of individual study, research, professional reading, practice, and self-assessment. The self-development concept requires NCOs, as Army professionals, to take responsibility for remaining current in all phases of their MOS. The STP is the NCOs primary source for maintaining MOS proficiency.

Another important resource for self-development is the Army Institute for Professional Development (AIPD) which administers many distributed learning courses and the Army Correspondence Course Program (ACCP). The AIPD web site, <http://www.atsc.army.mil/accp/aipdnew.asp> provides course listings with detailed eligibility requirements and enrollment information.

1-5. Commander's Responsibilities. Commanders must ensure that their unit training plans prepare the unit for war by enabling soldiers to develop and sustain proficiency in their MOS and skill level tasks. Commanders should design unit-training programs to provide individual training for all soldiers assigned to the unit and to evaluate soldier proficiency routinely as part of the commander's evaluation program. The unit-training program should also integrate individual training with crew drills and other collective training. The MOS training plan provides information on which base integration, cross-train, train-up, and sustainment training programs. Commanders should use the MOS training plan when developing unit training plans.

1-6. Trainer's Responsibilities. Training is the business of all unit leaders. First-line leaders are the principal trainers in the unit because they directly supervise soldiers and lead crews, squads, sections, and teams.

Trainers can use the MOS training plan to determine the critical tasks each soldier is responsible for. They should tell each soldier which tasks he/she must be able to perform. Trainers should evaluate task performance to determine which tasks each soldier can or cannot perform to standard. Soldiers who cannot perform a task to standard need further training. This STP helps the trainer do what trainers get paid to do, train. Developing effective training is explained in detail in FM 7-0 and FM 7-1.

Trainers can monitor the progress of their soldiers by recording task GO/NO-GO results. Trainers may use DA Form 5164-R (Hands-On Evaluation) to record the performance measures a soldier passed or failed. The form, which may be locally reproduced, applies to all tasks in this STP. Trainers may have DA Form 5164-R overprinted with information unique to their training requirements before reproducing it. See Appendix A for instructions on how to obtain and fill out a copy of a DA Form 5164-R. A sample form is also provided.

Trainers may use DA Form 5165-R (Field Expedient Squad Book) to record hands-on GO/NO-GO results for a group of soldiers (for example, a crew, section, or squad) having the same MOS and skill level. This form supports conduct of commander's evaluations, and can be used to record training results gathered in the field during slack time for all MOSs and skill levels. Use of this form is optional. See Appendix B for instructions on how to obtain and fill out a copy of a DA Form 5165-R. A sample form is also provided. Trainers should work with each soldier until tasks can be performed to specific task summary standards.

1-7. Training Support. References have been identified for each task to assist in planning and conducting training. A consolidated list of references identified by type, publication number, and title, and a comprehensive glossary of acronyms, abbreviations, and definitions are included in this STP.

## CHAPTER 2

### Training Guide

2-1. General. The MOS Training Plan identifies the essential components of a unit training plan for individual training. Units have different training needs and requirements based on differences in environment, location, equipment, dispersion, and similar factors. Therefore, the MOS Training Plan should be used as a guide for conducting unit training and not a rigid standard. The MOS Training Plan consists of two parts. Each part is designed to assist the commander in preparing a unit training plan which satisfies integration, cross training, training up, and sustainment training requirements for soldiers in this MOS.

Part One of the MOS Training Plan shows the relationship of an MOS skill level between duty position and critical tasks. These critical tasks are grouped by task commonality into subject areas.

Section I lists subject area numbers and titles used throughout the MOS Training Plan. These subject areas are used to define the training requirements for each duty position within an MOS.

Section II identifies the total training requirement for each duty position within an MOS and provides a recommendation for cross training and train-up/merger training.

- **Duty Position Column.** This column lists the duty positions of the MOS, by skill level, which have different training requirements.
- **Subject Area Column.** This column lists, by numerical key (see Section I), the subject areas a soldier must be proficient in to perform in that duty position.
- **Cross-Train Column.** This column lists the recommended duty position for which soldiers should be cross-trained.
- **Train-Up/Merger Column.** This column lists the corresponding duty position for the next higher skill level or MOSC the soldier will merge into on promotion.

Part Two lists, by general subject areas, the critical tasks to be trained in an MOS and the type of training required (resident, integration, or sustainment).

- **Subject Area Column.** This column lists the subject area number and title in the same order as Section I, Part One of the MOS Training Plan.
- **Task Number Column.** This column lists the task numbers for all tasks included in the subject area.
- **Title Column.** This column lists the task title for each task in the subject area.
- **Training Location Column.** This column identifies the training location where the task is first trained to soldier training publications standards. If the task is first trained to standard in the unit, the word "Unit" will be in this column. If the task is first trained to standard in the training base, it will identify, by brevity code (ANCOC, BNCOC, and so forth), the resident course where the task was taught. Figure 2-1 contains a list of training locations and their corresponding brevity codes.

<b>AIT</b>	Advanced Individual Training
<b>INSTI</b>	Institution
<b>UNIT</b>	Trained in the Unit
<b>BNCOC</b>	Basic NCO Course

**Figure 2-1. Training Locations**

- **Sustainment Training Frequency Column.** This column indicates the recommended frequency at which the tasks should be trained to ensure soldiers maintain task proficiency. Figure 2-2 identifies the frequency codes used in this column.

<b>BA</b>	- Biannually
<b>AN</b>	- Annually
<b>SA</b>	- Semiannually
<b>QT</b>	- Quarterly
<b>MO</b>	- Monthly
<b>BW</b>	- Biweekly
<b>WK</b>	- Weekly

**Figure 2-2. Sustainment Training Frequency Codes**

- **Sustainment Training Skill Level Column.** This column lists the skill levels of the MOS for which soldiers must receive sustainment training to ensure they maintain proficiency to soldier's manual standards.

2-2. Subject Area Codes.

**Skill Level 1**

- 1 Radiation Safety
- 2 Mine Dispensing and Detection Equipment
- 3 Night Vision Devices
- 4 Test Equipment Organic to Special Electronics Devices
- 5 Automatic Chemical Agent Alarms and Power Supplies
- 6 Purging of Night Vision Devices
- 7 Computer Systems
- 8 Facsimile Equipment
- 9 Telephones and Switchboards

**Skill Level 2**

- 10 Technical Assistance in the Repair of Electronic Devices
- 11 Technical Assistance in the Repair of Facsimile Equipment
- 12 Inspection of Switchboards

**Skill Level 3**

- 13 Administration

2-3. Duty Position Training Requirements.

	<b>Duty Position</b>	<b>Subject Areas</b>
<b>Skill Level 1</b>	Special Electronics Devices Repairer	1 through 9
<b>Skill Level 2</b>	Special Electronics Devices Repairer	1 through 12
<b>Skill Level 3</b>	Special Electronics Devices Repairer	1 through 13

## 2-4. Critical Task List.

**MOS TRAINING PLAN  
94F13**

**CRITICAL TASKS**

Task Number	Title	Training Location	Sust Tng Freq	Sust Tng SL
<b>Skill Level 1</b>				
<b>Subject Area 1. Radiation Safety</b>				
093-94F-1015	Perform a Wipe Test on a Device Containing a Radioactive Source	AIT	AN	1-3
<b>Subject Area 2. Mine Dispensing and Detection Equipment</b>				
093-94F-1007	Repair Mine, Detecting Set AN/PSS-12	AIT	AN	1-3
093-94F-1010	Repair Dispenser, Mine (Volcano) XM-139	AIT	AN	1-3
<b>Subject Area 3. Night Vision Devices</b>				
093-94F-1002	Repair Night Vision Goggles AN/PVS-7B, 7A, and 14	AIT	AN	1-3
093-94F-1005	Repair Night Vision Goggles AN/PVS-5A/B/C	AIT	AN	1-3
093-94F-1011	Repair Night Vision Goggles AN/PVS-7A	AIT	AN	1-3
<b>Subject Area 4. Test Equipment Organic to Special Electronics Devices</b>				
093-94F-1001	Repair Aviator's Night Vision Imaging System Test Set TS-3895/UV	AIT	AN	1-3
093-94F-1013	Repair Chemical Agent Monitor Diagnostic Test Set (DTS)	AIT	AN	1-3
093-94F-1014	Repair Chemical Agent Automatic Alarm Test Set M140	AIT	AN	1-3
093-94F-1026	Repair Automatic Chemical Agent Alarm (ACADA) M22	AIT	AN	1-3
<b>Subject Area 5. Automatic Chemical Agent Alarms and Power Supplies</b>				
093-94F-1004	Repair Improved Chemical Agent Monitor (ICAM)	AIT	AN	1-3
093-94F-1008	Repair Alarm, Chemical Agent, Automatic, Remote Sensing M8A1	AIT	AN	1-3
093-94F-1009	Repair Chemical Agent Monitor (CAM)	AIT	AN	1-3
<b>Subject Area 6. Purging of Night Vision Devices</b>				
093-94F-1003	Purge Night Vision Goggles AN/PVS-7B, 7A, and 14	AIT	AN	1-3
093-94F-1016	Purge Night Vision Goggles AN/PVS-5A/B/C	AIT	AN	1-3
093-94F-1017	Purge Night Vision Goggles AN/PVS-7A, 7B, and 14	AIT	AN	1-3
<b>Subject Area 7. Computer Systems</b>				
093-94F-1018	Repair Lightweight Computer Unit V2 (*)	INSTI	SA	1-3
093-94F-1019	Repair IBM-Compatible Computers	INSTI	SA	1-3
093-94F-1020	Repair Computer System Peripherals	INSTI	SA	1-3
093-94F-1022	Repair Ruggedized Tactical Computer System Peripherals	AIT	AN	1-3
<b>Subject Area 8. Facsimile Equipment</b>				
093-94F-1021	Repair Lightweight Digital Facsimile (LDF) AN/UXC-7 (*)	INSTI	SA	1-3

## CRITICAL TASKS

Task Number	Title	Training Location	Sust Tng Freq	Sust Tng SL
<b>Subject Area 9. Telephones and Switchboards</b>				
093-94F-1023	Repair Switchboard SB-22/PT, A/PT	AIT	AN	1
093-94F-1024	Repair Telephone Assembly TA-312/PT	UNIT	AN	1-3
093-94F-1025	Repair Telephone Assembly TA-1035/U	UNIT	AN	1-3
<b>Skill Level 2</b>				
<b>Subject Area 10. Technical Assistance in the Repair of Electronic Devices</b>				
093-94F-2001	Provide Technical Assistance to Subordinates Performing Night Vision Devices Repair	UNIT	AN	2-3
093-94F-2002	Provide Technical Assistance to Subordinates Performing Mine Detection and Scattering Systems Repair	UNIT	AN	2-3
093-94F-2003	Provide Technical Assistance to Subordinates Performing Chemical Agent Detection and Alarm Systems Repair	UNIT	AN	2-3
093-94F-2004	Provide Technical Assistance to Subordinates Performing Special Test Sets Organic to Special Electronic Devices Repair	UNIT	AN	2-3
093-94F-2005	Accept, In-Process, and Out-Process Special Electronic Devices	UNIT	AN	2-3
093-94F-2009	Provide Technical Assistance in Troubleshooting and Repair of the Lightweight Digital Facsimile (LDF) AN/UXC-7(*)	UNIT	SA	2-3
<b>Subject Area 11. Technical Assistance in the Repair of Facsimile Equipment</b>				
093-94F-2006	Provide Technical Assistance in the Repair of Lightweight Computer Unit V2 (*)	UNIT	SA	2-3
093-94F-2007	Provide Technical Assistance in the Repair of IBM Compatible Computers	UNIT	SA	2-3
093-94F-2008	Provide Technical Assistance in the Repair of Computer System Peripherals	UNIT	SA	2-3
093-94F-2010	Provide Technical Assistance in the Repair of Ruggedized Tactical Computer System Peripherals	UNIT	AN	2-3
<b>Subject Area 12. Inspection of Switchboards</b>				
093-94F-2013	Perform Final Inspection of Switchboard SB-22/PT	UNIT	AN	2-3
093-94F-2014	Perform Final Inspection of Telephone Set TA-312/PT	UNIT	AN	2-3
093-94F-2015	Perform Final Inspection of AN/TTC-41 ( V )	UNIT	AN	2-3
093-94F-2016	Perform Final Inspection of Telephone Set TA-1035/TT	UNIT	AN	2-3
<b>Skill Level 3</b>				
<b>Subject Area 13. Administration</b>				
093-SSG-3001	Inspect Section/Shop Safety	BNCOC	QT	3
093-SSG-3002	Manage Section/Shop Security	BNCOC	QT	3
093-SSG-3003	Maintain Section/Shop Calibration Program	BNCOC	QT	3
093-SSG-3004	Submit a Quality Deficiency Report (QDR)	BNCOC	QT	3
093-SSG-3005	Submit Equipment Improvement Recommendation (EIR)	BNCOC	QT	3
093-SSG-3006	Plan Work Flow	BNCOC	QT	3

## CRITICAL TASKS

Task Number	Title	Training Location	Sust Tng Freq	Sust Tng SL
093-SSG-3007	Direct Performance of Preventive Maintenance	BNCOC	QT	3
093-SSG-3008	Provide Technical Assistance to Repairers	BNCOC	QT	3
093-SSG-3009	Perform Initial Inspections	BNCOC	QT	3
093-SSG-3010	Perform Final Inspections	BNCOC	QT	3
093-SSG-3011	Write a Standing Operating Procedure (SOP)	BNCOC	QT	3
093-SSG-3012	Perform In-Process Inspections	BNCOC	QT	3
093-SSG-3013	Maintain Property Accountability	BNCOC	QT	3
093-SSG-3014	Assess Battlefield Damage	BNCOC	QT	3
093-SSG-3015	Manage Demand Supported Repair Parts Listed on the Prescribed Load List (PLL)	BNCOC	QT	3
093-SSG-3016	Monitor Bench Stock Operations	BNCOC	QT	3
093-SSG-3017	Monitor Shop Stock Operations	BNCOC	QT	3
093-SSG-3019	Inspect Maintenance Support Team Operations	BNCOC	QT	3
093-SSG-3020	Inspect Maintenance Reporting and Management Data	BNCOC	QT	3
093-SSG-3021	Review SAMS-1 Reports	BNCOC	QT	3

## CHAPTER 3

### MOS/Skill Level Tasks

#### Skill Level 1

#### Subject Area 1: Radiation Safety

#### Perform a Wipe Test on a Device Containing a Radioactive Source

#### 093-94F-1015

**Conditions:** In a contemporary operating environment, given an M43A1 or chemical agent monitor (CAM) requiring a wipe test; radiation, detection, indication, and computation (RADIAC) set AN/PDR-77; RADIAC set AN/PDR-56 or AN/PDR-60; batteries BA-3030/U for RADIAC sets (six each); TM 3-6665-312-30&P; TM 3-6665-331-23&P; AR 710-3; disposable gloves; ball-point pen; one each large and small envelope; untreated craft paper; label; test swipes; cloth; transaction card; and tape.

**Standards:** Perform wipe test on device being tested without error and in accordance with the technical manual (TM).

<b>Performance Measures</b>	<u>GO</u>	<u>NO-GO</u>
1. Prepared work area to perform wipe test.	_____	_____
a. Covered work surface with paper.		
b. Secured paper to work surface with tape to ensure seams were sealed.		
2. Filled out transaction card and addressed envelope.	_____	_____
a. Recorded source and device serial number and/or lot number.		
b. Recorded names and location of user on wipe test paper.		
3. Performed wipe test in accordance with TM on device being tested.	_____	_____
a. M43A1 in accordance with TM 3-6665-312-30&P.		
b. CAM system in accordance with TM 3-6665-331-23&P.		
4. Cleaned up and decontaminated work area.	_____	_____

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

#### References

##### Required

AR 710-3

TM 3-6665-312-30&P

TM 3-6665-331-23&P

##### Related

Subject Area 2: Mine Dispensing and Detection Equipment

**Repair Mine, Detecting Set AN/PSS-12  
093-94F-1007**

**Conditions:** In a contemporary operating environment, given Digital Multimeter AN/PSM 45, Tool Kit TK-105/G, special tools and test equipment listed in the technical manuals (TMs), DA Form 2404 (Equipment Inspection And Maintenance Worksheet), DA Form 2407 (Maintenance Request), DA Form 2407-1 (Maintenance Request Continuation Sheet), TM 5-6665-298-10, TM 5-6665-298-23&P, and DA Pamphlet 750-8.

**Standards:** Return item to fully operational condition in accordance with TM 5-6665-298-10.

**Performance Measures**

NOTE: All safety practices, WARNINGS, and CAUTIONS in the TMs must be adhered to.

	<u>GO</u>	<u>NO-GO</u>
1. Reviewed maintenance forms in accordance with DA Pamphlet 750-8.	_____	_____
2. Performed inspection in accordance with TM 5-6665-298-10.	_____	_____
3. Performed troubleshooting procedures in accordance with TM 5-6665-298-10.	_____	_____
4. Repaired equipment in accordance with TM 5-6665-298-10.	_____	_____
5. Performed final test in accordance with TM 5-6665-298-10, Chapter 2.	_____	_____
6. Completed maintenance forms in accordance with DA Pamphlet 750-8.	_____	_____

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References**

**Required**

- DA Form 2404
- DA Form 2407
- DA Form 2407-1
- DA Pam 750-8
- TM 5-6665-298-10
- TM 5-6665-298-23&P

**Related**

**Repair Dispenser, Mine (Volcano) XM-139  
093-94F-1010**

**Conditions:** In a contemporary operating environment, given a Digital Multimeter AN/PSM-45, Tool Kit TK-105/G, special tools and test equipment listed in the technical manuals (TMs), DA Form 2404 (Equipment Inspection and Maintenance Worksheet), DA Form 2407 (Maintenance Request), DA Form 2407-1 (Maintenance Request Continuation Sheet), TM 9-1095-208-10-1, TM 9-1095-208-13&P, and DA Pamphlet 750-8.

**Standards:** Return item to fully operational condition in accordance with TM 9-1095-208-10-1, Chapter 2.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO-GO</b></u>
NOTE: All safety practices, WARNINGS, and CAUTIONS listed in the TMs must be adhered to.		
1. Reviewed maintenance forms in accordance with DA Pamphlet 750-8, Chapter 3.	—	—
2. Performed inspection in accordance with TM 9-1095-208-10-1, Chapter 2.	—	—
3. Performed troubleshooting procedures in accordance with TM 9-1095-208-13&P.	—	—
4. Repaired equipment in accordance with TM 9-1095-208-13&P.	—	—
5. Performed final test in accordance with TM 9-1095-208-10-1, Chapter 2.	—	—
6. Completed maintenance forms in accordance with DA Pamphlet 750-8, Chapter 3.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

<b>References</b>	<b>Related</b>
<b>Required</b>	
DA Form 2404	
DA Form 2407	
DA Form 2407-1	
DA Pam 750-8	
TM 9-1095-208-10-1	
TM 9-1095-208-13&P	

Subject Area 3: Night Vision Devices

**Repair Night Vision Goggles AN/PVS-7B, 7A, and 14  
093-94F-1002**

**Conditions:** In a contemporary operating environment, given Test Set TS-3895/UV, Digital Multimeter AN/PSM-45, Tool Kit TK-105/G, special tools and test equipment listed in the technical manuals (TMs), purge device, purge adapter, DA Form 2404 (Equipment Inspection and Maintenance Worksheet), DA Form 2407 (Maintenance Request), DA Form 2407-1 (Maintenance Request Continuation Sheet), TM 11-5855-262-10-2, TM 11-5855-262 23&P-2, and DA Pamphlet 750-8.

**Standards:** Return item to fully operational condition in accordance with TM 11-5855-262-23&P-2, Chapter 3.

**Performance Measures**

NOTE: All safety practices, WARNINGS, and CAUTIONS listed in the TMs must be adhered to.

	<u>GO</u>	<u>NO-GO</u>
1. Reviewed maintenance forms in accordance with DA Pamphlet 750-8.	—	—
2. Performed inspection in accordance with TM 11-5855-262-23&P-2, Chapter 3.	—	—
3. Performed troubleshooting procedures in accordance with TM 11-5855-262-23&P-2, Chapter 4.	—	—
4. Repaired equipment in accordance with TM 11-5855-262-23&P-2, Chapter 4.	—	—
5. Performed final test in accordance with TM 11-5855-262-23&P-2, Chapter 3.	—	—
6. Completed maintenance forms in accordance with DA Pamphlet 750-8.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References**

**Required**

- DA Form 2404
- DA Form 2407
- DA Form 2407-1
- DA Pam 750-8
- TM 11-5855-262-10-2
- TM 11-5855-262-23&P-2

**Related**

**Repair Night Vision Goggles AN/PVS-5A/B/C  
093-94F-1005**

**Conditions:** In a contemporary operating environment, given a Test Set TS-3895/UV, Digital Multimeter AN/PSM-45, Tool Kit TK-105/G, special tools and test equipment listed in the technical manuals (TMs), collimation attachment, diopter scope, purge device, purge adapter, DA Form 2404 (Equipment Inspection and Maintenance Worksheet), DA Form 2407 (Maintenance Request), TM 11-5855-238-10, TM 11-5855-238-23&P, and DA Pamphlet 750-8.

**Standards:** Return item to fully operational condition in accordance with TM 11-5855-238-23&P.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO-GO</b></u>
NOTE: All safety practices, WARNINGS, and CAUTIONS listed in the TMs must be adhered to.		
1. Reviewed maintenance forms in accordance with DA Pamphlet 750-8.	—	—
2. Performed inspection in accordance with TM 11-5855-238-23&P.	—	—
3. Performed troubleshooting procedures in accordance with TM 11-5855-238-23&P.	—	—
4. Made repairs in accordance with TM 11-5855-238-23&P.	—	—
5. Performed final test in accordance with TM 11-5855-238-23&P.	—	—
6. Completed maintenance forms in accordance with DA Pamphlet 750-8.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
DA Form 2404	
DA Form 2407	
DA Form 2407-1	
DA Pam 750-8	
TM 11-5855-238-10	
TM 11-5855-238-23&P	

**Repair Night Vision Goggles AN/PVS-7A  
093-94F-1011**

**Conditions:** In a contemporary operating environment, given a Test Set TS-3895/UV, Digital Multimeter AN/PSM-45, Tool Kit TK-105/G, special tools and test equipment listed in the technical manuals (TMs), purge device, purge adapter, DA Form 2404 (Equipment Inspection and Maintenance Worksheet), DA Form 2407 (Maintenance Request), DA Form 2407-1 (Maintenance Request Continuation Sheet), TM 11-5855-262-10-1, TM 11-5855-262-23&P-1, TM 11-5855-262-23&P-2, and DA Pamphlet 750-8.

**Standards:** Return item to fully operational condition in accordance with TM 11-5855-262-10-1, Chapter 2.

**Performance Measures**

**GO      NO-GO**

NOTE: All safety practices, WARNINGS, and CAUTIONS listed in the TMs must be adhered to.

- |  |       |       |
|--|-------|-------|
| 1. Reviewed maintenance forms in accordance with DA Pamphlet 750-8.                          | _____ | _____ |
| 2. Performed inspection in accordance with TM 11-5855-262-10-1, Chapter 2.                   | _____ | _____ |
| 3. Performed troubleshooting procedures in accordance with TM 11-5855-262-23&P-1, Chapter 2. | _____ | _____ |
| 4. Requested parts, as required, in accordance with TM 11-5855-262-23&P-2.                   | _____ | _____ |
| 5. Made repairs to equipment in accordance with TM 11-5855-262-23&P-1, Chapter 2.            | _____ | _____ |
| 6. Performed final test in accordance with TM 11-5855-262-10-1, Chapter 2.                   | _____ | _____ |
| 7. Completed maintenance forms in accordance with DA Pamphlet 750-8.                         | _____ | _____ |

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References**

**Required**

- DA Form 2404
- DA Form 2407
- DA Form 2407-1
- DA Pam 750-8
- TM 11-5855-262-10-1
- TM 11-5855-262-23&P-1
- TM 11-5855-262-23&P-2

**Related**

Subject Area 4: Test Equipment Organic to Special Electronics Devices

**Repair Aviator's Night Vision Imaging System Test Set TS-3895/UV  
093-94F-1001**

**Conditions:** In a contemporary operating environment, given a Digital Multimeter AN/PSM-45, Tool Kit TK-105/G, special tools and test equipment listed in the technical manuals (TMs), DA Form 2404 (Equipment Inspection and Maintenance Worksheet), DA Form 2407 (Maintenance Request), DA Form 2407-1 (Maintenance Request Continuation Sheet), TM 11-5855-264-24P, TM 11-5855-264-14, and DA Pamphlet 750-8.

**Standards:** Return item to fully operational condition in accordance with TM 11-5855-264-24P, Chapter 2.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO-GO</b></u>
NOTE: All safety practices, WARNINGS, and CAUTIONS listed in the TMs must be adhered to.		
1. Reviewed maintenance forms in accordance with DA Pamphlet 750-8.	_____	_____
2. Performed inspection in accordance with TM 11-5855-264-24P, Chapter 2.	_____	_____
3. Repaired equipment in accordance with TM 11-5855-264-24P, Chapter 5.	_____	_____
4. Performed final test in accordance with TM 11-5855-264-24P, Chapter 2.	_____	_____
5. Completed maintenance forms in accordance with DA Pamphlet 750-8.	_____	_____

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
DA Form 2404	
DA Form 2407	
DA Form 2407-1	
DA Pam 750-8	
TM 11-5855-264-14	
TM 11-5855-264-24P	

**Repair Chemical Agent Monitor Diagnostic Test Set (DTS)  
093-94F-1013**

**Conditions:** In a contemporary operating environment, given a Digital Multimeter AN/PSM-45, Oscilloscope OS-261/U, Signal Generator SG-1288/U, Tool Kit TK-105/G, Tool Kit TK-100/G, Bayonet-Neill Concelman (BNC) to BNC radio frequency (RF) cables (two each), BNC T-connector, direct current (DC) power supply, DA Form 2404 (Equipment Inspection and Maintenance Worksheet), DA Form 2407 (Maintenance Request), DA Form 2407-1 (Maintenance Request Continuation Sheet), TM 3-6665-332-13&P, and DA Pamphlet 750-8.

**Standards:** Return item to fully operational condition in accordance with TM 3-6665-332-13&P, Chapter 3.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO-GO</b></u>
NOTE: All safety practices, WARNINGS, and CAUTIONS listed in the technical manuals (TMs) must be adhered to.		
1. Reviewed maintenance forms in accordance with DA Pamphlet 750-8.	—	—
2. Performed inspection in accordance with TM 3-6665-332-13&P, Chapter 3.	—	—
3. Performed troubleshooting procedures in accordance with TM 3-6665-332-13&P, Chapter 3.	—	—
4. Repaired equipment in accordance with TM 3-6665-332-13&P, Chapter 3.	—	—
5. Performed final test in accordance with TM 3-6665-332-13&P, Chapter 3.	—	—
6. Completed maintenance forms in accordance with DA Pamphlet 750-8.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
DA Form 2404	
DA Form 2407	
DA Form 2407-1	
DA Pam 750-8	
TM 3-6665-332-13&P	

**Repair Chemical Agent Automatic Alarm Test Set M140  
093-94F-1014**

**Conditions:** In a contemporary operating environment, given Digital Multimeter AN/PSM-4, Tool Kit TK-105/G, M10/M10A1 power supply, variable direct current (DC) power supply, test leads and clips (three each), stopwatch, DA Form 2404 (Equipment Inspection and Maintenance Worksheet), DA Form 2407 (Maintenance Request), DA Form 2407-1 (Maintenance Request Continuation Sheet), TM 3-6665-329-13&P, and DA Pamphlet 750-8.

**Standards:** Return M140 test set to fully operational condition in accordance with TM 3-6665-329-13&P, Chapter 3.

**Performance Measures**

**GO      NO-GO**

NOTE: All safety practices, WARNINGS, and CAUTIONS listed in the technical manuals (TMs) must be adhered to.

- |   |       |       |
|---|-------|-------|
| 1. Reviewed maintenance forms in accordance with DA Pamphlet 750-8.                       | _____ | _____ |
| 2. Performed inspection in accordance with TM 3-6665-329-13&P, Chapter 3.                 | _____ | _____ |
| 3. Performed troubleshooting procedures in accordance with TM 3-6665-329-13&P, Chapter 3. | _____ | _____ |
| 4. Repaired equipment in accordance with TM 3-6665-329-13&P, Chapter 3.                   | _____ | _____ |
| 5. Performed final test in accordance with TM 3-6665-329-13&P, Chapter 3.                 | _____ | _____ |
| 6. Completed maintenance forms in accordance with DA Pamphlet 750-8.                      | _____ | _____ |

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References**

**Required**

- DA Form 2404
- DA Form 2407
- DA Form 2407-1
- DA Pam 750-8
- TM 3-6665-329-13&P

**Related**

**Repair Automatic Chemical Agent Alarm (ACADA) M22  
093-94F-1026**

**Conditions:** In a contemporary operating environment, given Automatic Chemical Agent Alarm (ACADA) M22, AN/PSM-45 digital multimeter or equivalent, Tool Kit TK105/G, M10 power supply, SG-1288 functional generator, OS261/U oscilloscope, DA Form 2404 (Equipment Inspection and Maintenance Worksheet), DA Form 2407 (Maintenance Request), DA Form 2407-1 (Maintenance Request Continuation Sheet), TM 3-6665-321-30&P, TM 3-6665-321-12&P, and DA Pamphlet 750-8.

**Standards:** Verify, inspect, and repair the M22 alarm in accordance with the referenced technical manuals (TMs) without error and within a time limit of 60 minutes.

**Performance Measures**

**GO      NO-GO**

NOTES: All safety practices, WARNINGS, and CAUTIONS listed in the TMs must be adhered to. Wipe test must be done in accordance with Task 113-628-5017 prior to working on this device.

- |  |       |       |
|--|-------|-------|
| 1. Reviewed maintenance forms in accordance with DA Pamphlet 750-8.            | _____ | _____ |
| 2. Performed inspection in accordance with TM 3-6665-321-12&P, Chapter 2.      | _____ | _____ |
| 3. Performed troubleshooting procedures in accordance with TM 3-6665-321-30&P. | _____ | _____ |
| 4. Repaired equipment in accordance with TM 3-6665-321-12&P, Chapters 2 and 3. | _____ | _____ |
| 5. Performed final test in accordance with TM 3-6665-321-12&P, Chapter 2.      | _____ | _____ |
| 6. Completed maintenance forms in accordance with DA Pamphlet 750-8.           | _____ | _____ |

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References**

**Required**

**Related**

- DA Form 2404
- DA Form 2407
- DA Form 2407-1
- DA Pam 750-8
- TM 3-6665-321-12&P
- TM 3-6665-321-30&P

Subject Area 5: Automatic Chemical Agent Alarms and Power Supplies

**Repair Improved Chemical Agent Monitor (ICAM)  
093-94F-1004**

**Conditions:** In a contemporary operating environment, given a Digital Multimeter AN/PSM-45, Oscilloscope AN/USM-488, diagnostic test set (DTS), Power Supply PP-2309C/U, Tool Kit TK-105/G, special tools and test equipment listed in the technical manuals (TMs), DA Form 2404 (Equipment Inspection and Maintenance Worksheet), DA Form 2407 (Maintenance Request), DA Form 2407-1 (Maintenance Request Continuation Sheet), TM 3-6665-343-10, TM 3-6665-343-23&P, and DA Pamphlet 750-8.

**Standards:** Return item to fully operational condition in accordance with TM 3-6665-343-10, Chapter 2.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO-GO</b></u>
NOTE: All safety practices, WARNINGS, and CAUTIONS listed in the TMs must be adhered to. Wipe test must be done in accordance with Task 113-628-5017 prior to and after working on this device.		
1. Reviewed maintenance forms in accordance with DA Pamphlet 750-8.	_____	_____
2. Performed Inspection in accordance with TM 3-6665-343-10, Chapter 2.	_____	_____
3. Performed troubleshooting procedures in accordance with TM 3-6665-343-23&P, Chapter 3.	_____	_____
4. Repaired equipment in accordance with TM 5-6665-343-23&P, Chapter 3.	_____	_____
5. Performed final test in accordance with TM 3-6665-343-10, Chapter 2.	_____	_____
6. Completed maintenance forms in accordance with DA Pamphlet 750-8.	_____	_____

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
DA Form 2404	
DA Form 2407	
DA Form 2407-1	
DA Pam 750-8	
TM 3-6665-343-10	
TM 3-6665-343-23&P	

**Repair Alarm, Chemical Agent, Automatic, Remote Sensing M8A1  
093-94F-1008**

**Conditions:** In a contemporary operating environment, given a Digital Multimeter AN/PSM-4, Tool Kit TK-105/G, Test Set M140, M10/M10A1 power supply, Battery BA-3517/U, DA Form 2404 (Equipment Inspection and Maintenance Worksheet), DA Form 2407 (Maintenance Request), DA Form 2407-1 (Maintenance Request Continuation Sheet), TM 3-6665-312-12&P, TM 3-6665-312-30&P, and DA Pamphlet 750-8.

NOTE: This task cannot be performed in a chemical environment.

**Standards:** Return item to fully operational condition in accordance with TM 3-6665-312-12&P, Chapter 2.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO-GO</b></u>
NOTE: All safety practices, WARNINGS, and CAUTIONS listed in the technical manuals (TMs) must be adhered to. Wipe test must be done in accordance with Task 113-628-5017 prior to working on this device.		
1. Reviewed maintenance forms in accordance with DA Pamphlet 750-8.	—	—
2. Performed inspection in accordance with TM 3-6665-312-12&P, Chapter 2.	—	—
3. Performed troubleshooting in accordance with TM 3-6665-312-30&P, Chapters 2 and 3.	—	—
4. Repaired equipment in accordance with TM 3-6665-312-30&P, Chapters 2 and 3.	—	—
5. Performed final test in accordance with TM 3-6665-312-12&P, Chapter 2.	—	—
6. Completed maintenance forms in accordance with DA Pamphlet 750-8.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
DA Form 2404	
DA Form 2407	
DA Form 2407-1	
DA Pam 750-8	
TM 3-6665-312-12&P	
TM 3-6665-312-30&P	

**Repair Chemical Agent Monitor (CAM)  
093-94F-1009**

**Conditions:** In a contemporary operating environment, given a Digital Multimeter AN/PSM-45, Oscilloscope AN/USM-488, diagnostic test set (DTS), PP-2309C/U power supply, Tool Kit TK-105/G, special tools and test equipment listed in the technical manuals (TMs), DA Form 2404 (Equipment Inspection and Maintenance Worksheet), DA Form 2407 (Maintenance Request), DA Form 2407-1 (Maintenance Request Continuation Sheet), TM 3-6665-331-10, TM 3-6665-331-23&P, and DA Pamphlet 750-8.

**Standards:** Return item to fully operational condition in accordance with TM 3-6665-331-10, Chapter 2.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO-GO</b></u>
NOTE: All safety practices, WARNINGS, and CAUTIONS listed in the TMs must be adhered to. Wipe test must be done in accordance with Task 113-628-5017 prior to and after working on this device.		
1. Reviewed maintenance forms in accordance with DA Pamphlet 750-8.	—	—
2. Performed inspection in accordance with TM 3-6665-331-10, Chapter 2.	—	—
3. Performed troubleshooting procedures in accordance with TM 3-6665-331-23&P, Chapter 3.	—	—
4. Repaired equipment in accordance with TM 5-6665-331-23&P, Chapter 3.	—	—
5. Performed final test in accordance with TM 3-6665-331-10, Chapter 2.	—	—
6. Completed maintenance forms in accordance with DA Pamphlet 750-8.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

<b>References</b>	<b>Required</b>	<b>Related</b>
	DA Form 2404	
	DA Form 2407	
	DA Form 2407-1	
	DA Pam 750-8	
	TM 3-6665-331-10	
	TM 3-6665-331-23&P	

Subject Area 6: Purging of Night Vision Devices

**Purge Night Vision Goggles AN/PVS-7B, 7A, and 14  
093-94F-1003**

**Conditions:** In a contemporary operating environment, given a purging kit, fire control, TK-105/G tool kit, wrench assembly, locking ring (spanner wrench), purge adaptor, nitrogen, technical manuals (TMs), DA Form 2404 (Equipment Inspection and Maintenance Worksheet), DA Form 2407 (Maintenance Request), DA Form 2407-1 (Maintenance Request Continuation Sheet), TM 11-5855-262-23&P-2, and DA Pamphlet 750-8.

**Standards:** Purge device in accordance with TM 11-5855-262-23&P-2, Chapter 4.

**Performance Measures**

NOTE: All safety practices, WARNINGS, and CAUTIONS listed in the TMs must be adhered to.

	<u>GO</u>	<u>NO-GO</u>
1. Reviewed maintenance forms in accordance with DA Pamphlet 750-8.	—	—
2. Connected purge device in accordance with TM 11-5855-262-23&P-2, Chapter 4.	—	—
3. Adjusted pressure valves in accordance with TM 11-5855-262-23&P-2, Chapter 4.	—	—
4. Purged equipment in accordance with TM 11-5855-262-23&P-2, Chapter 4.	—	—
5. Closed pressure valves in accordance with TM 11-5855-262-23&P-2, Chapter 4.	—	—
6. Disconnected equipment in accordance with TM 11-5855-262-23&P-2, Chapter 4.	—	—
7. Completed maintenance forms in accordance with DA Pamphlet 750-8.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References**

**Required**

- DA Form 2404
- DA Form 2407
- DA Form 2407-1
- DA Pam 750-8
- TM 11-5855-262-23&P-2

**Related**

**Purge Night Vision Goggles AN/PVS-5A/B/C**  
**093-94F-1016**

**Conditions:** In a contemporary operating environment, given a purging kit, fire control, Tool Kit TK-105/G, wrench assembly, locking ring (spanner wrench), purge adaptor, nitrogen, technical manuals (TMs), DA Form 2404 (Equipment Inspection and Maintenance Worksheet), DA Form 2407 (Maintenance Request), DA Form 2407-1 (Maintenance Request Continuation Sheet), TM 11-5855-263-23&P, and DA Pamphlet 750-8.

**Standards:** Purge both monoculars in accordance with TM 11-5855-263-23&P.

**Performance Measures**

**GO**      **NO-GO**

NOTE: All safety practices, WARNINGS, and CAUTIONS listed in the TMs must be adhered to.

- |  |       |       |
|--|-------|-------|
| 1. Reviewed maintenance forms in accordance with DA Pamphlet 750-8.            | _____ | _____ |
| 2. Connected purge kit in accordance with TM 11-5855-263-23&P, Chapter 2.      | _____ | _____ |
| 3. Adjusted pressure valves in accordance with TM 11-5855-263-23&P, Chapter 2. | _____ | _____ |
| 4. Purged goggles in accordance with TM 11-5585-263-23&P, Chapter 2.           | _____ | _____ |
| 5. Closed pressure valves in accordance with TM 11-5855-263-23&P, Chapter 2.   | _____ | _____ |
| 6. Disconnected equipment in accordance with TM 11-5855-263-23&P, Chapter 2.   | _____ | _____ |
| 7. Completed maintenance forms in accordance with DA Pamphlet 750-8.           | _____ | _____ |

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References**

**Required**

- DA Form 2404
- DA Form 2407
- DA Form 2407-1
- DA Pam 750-8
- TM 11-5855-263-23&P

**Related**

**Purge Night Vision Goggles AN/PVS-7A, 7B, and 14  
093-94F-1017**

**Conditions:** In a contemporary operating environment, given a purging kit, fire control, Tool Kit TK-105/G, wrench assembly, locking ring (spanner wrench), purge adaptor, nitrogen, technical manuals (TMs), DA Form 2404 (Equipment Inspection and Maintenance Worksheet), DA Form 2407 (Maintenance Request), DA Form 2407-1 (Maintenance Request Continuation Sheet), TM 11-5855-262-23&P-1, and DA Pamphlet 750-8.

**Standards:** Purge device in accordance with TM 11-5855-262-23&P-1, Chapter 2.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO-GO</b></u>
NOTE: All safety practices, WARNINGS, and CAUTIONS listed in the TMs must be adhered to.		
1. Reviewed maintenance forms in accordance with DA Pamphlet 750-8.	—	—
2. Connected purge device in accordance with TM 11-5855-262-23&P-1, Chapter 2.	—	—
3. Adjusted pressure valves in accordance with TM 11-5855-262-23&P-1, Chapter 2.	—	—
4. Purged equipment in accordance with TM 11-5855-262-23&P-1, Chapter 2.	—	—
5. Closed pressure valves in accordance with TM 11-5855-262-23&P-1, Chapter 2.	—	—
6. Disconnected equipment in accordance with TM 11-5855-262-23&P-1, Chapter 2.	—	—
7. Completed maintenance forms in accordance with DA Pamphlet 750-8.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References**

**Required**

- DA Form 2404
- DA Form 2407
- DA Form 2407-1
- DA Pam 750-8
- TM 11-5855-262-23&P-1

**Related**

Subject Area 7: Computer Systems

**Repair Lightweight Computer Unit V2 (\*)**  
**093-94F-1018**

**Conditions:** In a contemporary operating environment, given a complete lightweight computer unit (LCU) V2 (\*) with a suspected fault; Printer Automatic Data PT-555; Modem Communications MD-1298/U tactical communications interface modem (TCIM); compact disk-read only memory (CD-ROM) drive; Digital Multimeter AN/PSM-45A; TK-100/G and TK-105/G tool kits; electrostatic discharge (ESD) workstation; diagnostics disk drive; TM 11-5895-1546-12&P; TM 11-6625-3052-14; TM 11-7021-221-12&P; TM 11-7021-227-12&P; TM 11-7025-311-12&P; TM 11-7025-327-12&P; TM 11-7021-217-12&P; TM 11-5895-1546-30&P; TM 11-7021-221-30&P; TM 11-7021-227-30&P; TM 11-7025-327-30&P; special tools and test equipment listed in TM 11-7021-221-12&P, Appendix B, Section III; DA Form 2404 (Equipment Inspection and Maintenance Worksheet); DA Form 2407 Maintenance Request; DA Form 2407-1 (Maintenance Request Continuation Sheet); and DA Pamphlet 750-8.

**Standards:** Return item to a fully operational condition and complete all maintenance forms and records in accordance with applicable references.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO-GO</b></u>
NOTE: ALL WARNINGS and CAUTIONS in the technical manuals (TMs) must be observed.		
1. Reviewed maintenance forms.	___	___
2. Performed visual inspection.	___	___
3. Performed operational checks in accordance with TMs.	___	___
4. Obtained required tools, test equipment, and references.	___	___
5. Set up test equipment in accordance with TMs.	___	___
6. Ran appropriate diagnostic software.	___	___
7. Verified faults listed on maintenance forms.	___	___
8. Performed troubleshooting procedures.	___	___
9. Used appropriate troubleshooting charts.	___	___
10. Identified defective parts.	___	___
11. Replaced defective parts with known good parts in accordance with TMs.	___	___
12. Performed operational checks.	___	___
13. Re-ran diagnostic software.	___	___
14. Tagged defective parts for turn-in.	___	___
15. Completed appropriate blocks on maintenance request forms.	___	___
16. Notified supervisor upon completion of task.	___	___

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References**

**Required**

DA Form 2404  
DA Form 2407  
DA Form 2407-1  
DA Pam 750-8  
TM 11-5895-1546-12&P  
TM 11-5895-1546-30&P  
TM 11-6625-3052-14  
TM 11-7021-217-12&P  
TM 11-7021-221-12&P  
TM 11-7021-221-30&P  
TM 11-7021-227-12&P  
TM 11-7021-227-30&P  
TM 11-7025-311-12&P  
TM 11-7025-327-12&P  
TM 11-7025-327-30&P

**Related**

**Repair IBM-Compatible Computers  
093-94F-1019**

**Conditions:** In a contemporary operating environment, given a complete IBM compatible computer with a suspected fault, monitor, Digital Multimeter AN/PSM-45A, TK-100/G and TK-105/G tool kits, electrostatic discharge (ESD) workstation, DA Form 2404 (Equipment Inspection and Maintenance Worksheet), DA Form 2407 (Maintenance Request), DA Form 2407-1 (Maintenance Request Continuation Sheet), technical manuals (TMs), and DA Pamphlet 750-8.

**Standards:** Return item to a fully operational condition and complete all maintenance forms and records in accordance with applicable references.

**Performance Measures**

**GO      NO-GO**

NOTE: ALL WARNINGS and CAUTIONS in the TMs must be observed.

1. Reviewed maintenance forms.	_____	_____
2. Performed visual inspection.	_____	_____
3. Performed operational checks.	_____	_____
4. Obtained required tools, test equipment, and references.	_____	_____
5. Set up test equipment in accordance with TMs.	_____	_____
6. Ran appropriate diagnostic software.	_____	_____
7. Verified faults listed on maintenance forms.	_____	_____
8. Performed troubleshooting procedures.	_____	_____
9. Identified defective parts.	_____	_____
10. Replaced defective parts with known good parts.	_____	_____
11. Performed operational checks.	_____	_____
12. Re-ran diagnostic software.	_____	_____
13. Tagged defective parts for turn-in.	_____	_____
14. Completed appropriate blocks on maintenance request form.	_____	_____
15. Notified supervisor upon completion of task.	_____	_____

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References**

**Required**

- DA Form 2404
- DA Form 2407
- DA Form 2407-1
- DA Pam 750-8
- TM 11-6625-3052-14

**Related**

**Repair Computer System Peripherals  
093-94F-1020**

**Conditions:** In a contemporary operating environment, given complete IBM compatible computer; monitor; and one of the following computer system peripherals with a suspected fault (dot matrix printer, laser printer, page scanner, and monitor); 10 Base-T network; Bayonet Neill-Concelman (BNC) network; Digital Multimeter AN/PSM-45A; TK-100/G and TK-105/G tool kits; electrostatic discharge (ESD) work station; DA Form 2404 (Equipment Inspection and Maintenance Worksheet); DA Form 2407 (Maintenance Request); DA Form 2407-1 (Maintenance Request Continuation Sheet); TM 11-6625-3052-14; technical manuals (TMs); and DA Pamphlet 750-8.

**Standards:** Return computer system peripherals to fully operational condition and complete all appropriate maintenance forms and records in accordance with applicable references.

**Performance Measures**

**GO      NO-GO**

NOTE: ALL WARNINGS and CAUTIONS in the TMs must be observed.

1. Reviewed maintenance forms.	___	___
2. Performed visual inspection.	___	___
3. Performed operational checks.	___	___
4. Obtained required tools, test equipment, and references.	___	___
5. Set up test equipment in accordance with TMs.	___	___
6. Verified faults listed on maintenance forms.	___	___
7. Performed troubleshooting procedures and or adjustments.	___	___
a. Identified defective parts.		
b. Identified needed adjustments.		
8. Replaced defective parts with known good parts.	___	___
9. Performed needed adjustments.	___	___
10. Performed operational checks.	___	___
11. Tagged defective parts for turn-in.	___	___
12. Completed appropriate blocks on maintenance request form.	___	___
13. Notified supervisor upon completion of task.	___	___

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
DA Form 2404	
DA Form 2407	
DA Form 2407-1	
DA Pam 750-8	
TM 11-6625-3052-14	

**Repair Ruggedized Tactical Computer System Peripherals  
093-94F-1022**

**Conditions:** In a contemporary operating environment, given complete lightweight computer unit (LCU) V2 (\*) and one of the following ruggedized tactical computer system peripherals with a suspected fault (Automatic Data Processing Printer Assembly PT-555, ruggedized CD-ROM drive assembly, modem, and communications MD-1298/U); Digital Multimeter AN/PSM-45A; TK-100/G and TK-105/G tool kits; electrostatic discharge (ESD) workstation; TM 11-7025-311-12&P; TM 11-7021-217-12&P; TM 11-7021-221-12&P; TM 11-7021-221-30&P; TM 11-7021-227-12&P; TM 11-7021-227-30&P; TM 11-5895-1546-12&P; TM 11-7025-327-12&P; TM 11-7025-327-30&P; special tools and test equipment listed in the technical manuals (TMs); DA Form 2404 (Equipment Inspection and Maintenance Worksheet); DA Form 2407 (Maintenance Request); DA Form 2407-1 (Maintenance Request Continuation Sheet); and DA Pamphlet 750-8.

**Standards:** Return the ruggedized tactical computer system peripherals to fully operational condition and complete all appropriate maintenance forms and records in accordance with applicable references.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO-GO</u></b>
NOTE: ALL WARNINGS and CAUTIONS in the TMs must be observed.		
1. Reviewed maintenance forms.	___	___
2. Performed visual inspection.	___	___
3. Performed operational checks in accordance with TMs.	___	___
4. Obtained required tools, test equipment, and references.	___	___
5. Set up test equipment in accordance with TMs.	___	___
6. Ran appropriate self-test.	___	___
7. Verified faults listed on maintenance forms.	___	___
8. Performed troubleshooting procedures.	___	___
9. Used appropriate troubleshooting charts.	___	___
10. Identified defective parts.	___	___
11. Replaced defective parts with known good parts in accordance with TMs.	___	___
12. Performed operational checks.	___	___
13. Re-ran self-test.	___	___
14. Tagged defective parts for turn-in.	___	___
15. Completed appropriate blocks on maintenance request forms.	___	___
16. Notified supervisor upon completion of task.	___	___

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References**

**Required**

DA Form 2404  
DA Form 2407  
DA Form 2407-1  
DA Pam 750-8  
TM 11-5895-1546-12&P  
TM 11-7021-217-12&P  
TM 11-7021-221-12&P  
TM 11-7021-221-30&P  
TM 11-7021-227-12&P  
TM 11-7021-227-30&P  
TM 11-7025-311-12&P  
TM 11-7025-327-12&P  
TM 11-7025-327-30&P

**Related**

Subject Area 8: Facsimile Equipment

**Repair Lightweight Digital Facsimile (LDF) AN/UXC-7 (\*)**  
**093-94F-1021**

**Conditions:** In a contemporary operating environment, given a complete lightweight digital facsimile (LDF) AN/UXC-7 with a suspected fault; Digital Multimeter AN/PSM-45A; Oscilloscope AN/USM-488; TE-50B and TK-105/G tool kits; special tools and test equipment listed in TM 11-5815-615-23 (Appendix B, Section III); DA Form 2404 (Equipment Inspection and Maintenance Worksheet); DA Form 2407 (Maintenance Request); DA Form 2407-1 (Maintenance Request Continuation Sheet); TM 11-5815-615-10; TM 11-5815-615-23; TM 11-5815-615-23P; and DA Pamphlet 750-8.

**Standards:** Return the LDF AN/UXC-7(\*) to fully operational condition and complete all appropriate maintenance forms and records in accordance with applicable references.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO-GO</u></b>
NOTE: ALL WARNINGS and CAUTIONS in the technical manuals (TMs) must be observed.		
1. Reviewed maintenance forms.	___	___
2. Performed visual inspection.	___	___
3. Performed operational checks in accordance with TMs.	___	___
4. Obtained required tools, test equipment, and references.	___	___
5. Set up test equipment in accordance with TMs.	___	___
6. Performed appropriate diagnostic test.	___	___
7. Verified faults listed on maintenance forms.	___	___
8. Performed troubleshooting procedures.	___	___
9. Used appropriate troubleshooting charts.	___	___
a. Identified needed adjustments.		
b. Identified defective parts.		
10. Replaced defective parts with known good parts in accordance with TMs.	___	___
11. Performed needed adjustments in accordance with TMs.	___	___
12. Performed operational checks.	___	___
13. Re-ran diagnostic test.	___	___
14. Tagged defective parts for turn-in.	___	___
15. Completed appropriate blocks on maintenance request form.	___	___
16. Notified supervisor upon completion of task.	___	___

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References**

**Required**

DA Form 2404  
DA Form 2407  
DA Form 2407-1  
DA Pam 750-8  
TM 11-5815-615-10  
TM 11-5815-615-23  
TM 11-5815-615-23P

**Related**

TM 11-6625-3052-14  
TM 11-6625-3135-12

Subject Area 9: Telephones and Switchboards

**Repair Switchboard SB-22/PT, A/PT  
093-94F-1023**

**Conditions:** In a contemporary operating environment, given an SB-22/PT, A/PT switchboard with a suspected fault; Tool Kit TK-105/G; Digital Multimeter AN/PSM-45; Telephone Test Set AN/PTM-6; Tone Signal Adapter TA-977/PT; Transmission Test Set AN/USM-485; WD-1 wire; repair parts; TM 11-5805-262-12; TM 11-5805-262-34; DA Pamphlet 750-8; DA Form 2404 (Equipment Inspection and Maintenance Worksheet); DA Form 2407 (Maintenance Request); DA Form 2407-1 (Maintenance Request Continuation Sheet); DA Form 5988-E (Equipment Inspection Maintenance Worksheet [EGA]); and/or DA Form 5990-E (Maintenance Request [EGA]).

**Standards:** Return the SB-22/PT to operational condition and complete all applicable maintenance forms and records in accordance with DA Pamphlet 750-8.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO-GO</b></u>
NOTE: All WARNINGS and CAUTIONS in the technical manuals (TMs) must be observed. Remove all watches, bracelets, rings, necklaces, and identification (ID) tags.		
1. Obtained required tools, test equipment, and references.	_____	_____
2. Completed appropriate blocks on maintenance request forms.	_____	_____
a. Reviewed symptoms in blocks 14 and/or 24 of DA Form 2407.		
b. Reviewed symptoms in Malfunction/Remarks of DA Form 5990-E.		
c. Completed DA Form 2407-1 when using DA Form 5990-E.		
3. Performed visual inspection.	_____	_____
a. Inspected mechanical components and wiring for defects that could be observed easily.		
b. Documented all deficiencies on DA Form 2404.		
4. Set up test equipment in accordance with TMs.	_____	_____
5. Performed operational checks.	_____	_____
6. Verified faults listed on maintenance forms and used appropriate troubleshooting chart.	_____	_____
a. Localized the probable cause by comparing the symptom identified on maintenance form with those listed in the troubleshooting chart.		
b. Documented all deficiencies on DA Form 2404.		
7. Identified defective parts.	_____	_____
a. Isolated the defective components and parts or wiring by analyzing the sources of probable causes identified in performance step 6.		
b. Documented all deficiencies on DA Form 2404.		
8. Replaced or repaired defective parts and/or components.	_____	_____
a. Removed components and parts to be replaced and those that prevent access to them.		
b. Disassembled components and parts to be replaced.		
c. Removed and/or replaced defective wiring, if necessary.		
d. Cleaned all components or parts that were dusty, dirty, or corroded.		
e. Installed repaired components or parts.		
f. Reassembled switchboard.		
9. Performed operational checks.	_____	_____

**Performance Measures**

**GO**    **NO-GO**

10. Completed appropriate blocks on maintenance request forms.

—      —

11. Tagged defective parts for turn-in.

—      —

12. Notified supervisor upon completion of task.

—      —

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References**

**Required**

DA Form 2404  
DA Form 2407  
DA Form 2407-1  
DA Form 5988-E  
DA Form 5990-E  
DA Pam 750-8  
TM 11-5805-262-12  
TM 11-5805-262-34

**Related**

TM 11-5805-262-20P  
TM 11-5805-262-34P

**Repair Telephone Assembly TA-312/PT  
093-94F-1024**

**Conditions:** In a contemporary operating environment, given a TA-312/PT telephone set with a suspected fault, Tool Kit TK-105/G, Digital Multimeter AN/PSM-45 or 45A, an operational TA-312, repair parts, TM 11-5805-201-12, TM 11-5805-201-23P, DA Form 2404 (Equipment Inspection and Maintenance Worksheet), DA Form 2407 (Maintenance Request), DA Form 2407-1 (Maintenance Request Continuation Sheet), DA Form 5988-E (Equipment Inspection Maintenance Worksheet [EGA]), and/or DA Form 5990-E (Maintenance Request [EGA]), and DA Pamphlet 750-8.

**Standards:** Return the TA-312 to operational condition and complete all maintenance forms and records in accordance with DA Pamphlet 750-8.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO-GO</u></b>
NOTE: All WARNINGS and CAUTIONS in the technical manuals (TMs) must be observed. Remove all watches, rings, necklaces, and identification (ID) tags.		
1. Obtained required tools, test equipment, and references.	—	—
2. Completed appropriate blocks on maintenance request forms.	—	—
a. Reviewed Symptoms in blocks 14 and/or 24 of DA Form 2407.		
b. Reviewed Symptoms in Malfunction/Remarks of DA Form 5990-E.		
c. Completed DA Form 2407-1 when using DA Form 5990-E.		
3. Completed DA Form 2407-1 when using DA Form 5990-E.	—	—
a. Inspected mechanical components and wiring for defects that could be observed easily.		
b. Documented all deficiencies on DA Form 2404.		
4. Set up test equipment in accordance with TMs.	—	—
5. Performed operational checks.	—	—
6. Verified faults listed on maintenance forms and used appropriate troubleshooting chart.	—	—
a. Localized the probable cause by comparing the symptoms identified on the maintenance form with those listed in the troubleshooting chart.		
b. Documented all deficiencies on DA Form 2404.		
7. Identified defective parts.	—	—
a. Isolated the defective components, parts, or wiring by analyzing the sources of probable cause identified in performance step 6.		
b. Documented all deficiencies on DA Form 2404.		
8. Replaced or repaired defective parts and/or components.	—	—
a. Replaced or repaired defective parts and/or components.		
b. Removed components and/or parts to be replaced and those that prevented access to them.		
c. Removed and/or replaced defective wiring, if necessary.		
d. Cleaned all components or parts that were dusty, dirty, or corroded.		
e. Installed and/or repaired components or parts.		
f. Adjusted buzzer BZ-23/PT.		
g. Reassembled telephone.		
9. Performed operational checks.	—	—
10. Completed appropriate blocks on maintenance request forms.	—	—

**Performance Measures**

**GO**    **NO-GO**

11. Tagged defective parts for turn-in.

\_\_\_\_\_

12. Notified supervisor upon completion of task.

\_\_\_\_\_

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References**

**Required**

- DA Form 2404
- DA Form 2407
- DA Form 2407-1
- DA Form 5988-E
- DA Form 5990-E
- DA Pam 750-8
- TM 11-5805-201-12
- TM 11-5805-201-23P

**Related**

**Repair Telephone Assembly TA-1035/U  
093-94F-1025**

**Conditions:** In a contemporary operating environment, given defective Digital Non-Secure Voice Telephone (DNVT) TA-1035/U, Multimeter AN/PSM-45, Tool Kit TK-105/G, test equipment, TM 11-5805-761-13&P, DA Form 2404 (Equipment Inspection and Maintenance Worksheet), DA Form 2407 (Maintenance Request), DA Form 2407-1 (Maintenance Request Continuation Sheet), DA Form 5988-E (Equipment Inspection Maintenance Worksheet [EGA]), and/or DA Form 5990-E (Maintenance Request [EGA]), and DA Pamphlet 750-8.

**Standards:** Return the TA-1035/U to operational condition and complete all appropriate maintenance forms and records in accordance with DA Pamphlet 750-8.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO-GO</b></u>
NOTE: The DNVT TA-1035/U requires power by providing a potential difference of 24 to +56 volts between the transmit-and-receive pairs of the DNVT four-wire interface. This voltage power is required to conduct the performance test outlined in TM 11-5805-761-13&P. All WARNINGS and CAUTIONS in the technical manuals (TMs) must be observed. Remove all watches, bracelets, rings, necklaces, and identification (ID) tags.		
1. Obtained required tools, test equipment, and references.	_____	_____
2. Completed appropriate blocks on maintenance request forms.	_____	_____
a. Reviewed Symptoms in blocks 14 and/or 24 of DA Form 2407.		
b. Reviewed Symptoms in Malfunction/Remarks of DA Form 5990-E.		
c. Completed DA Form 2407-1 if using DA Form 5990-E.		
3. Performed visual inspection.	_____	_____
a. Inspected mechanical components and wiring for defects that can be easily observed.		
b. Documented all deficiencies on DA Form 2404.		
4. Set up test equipment in accordance with TMs.	_____	_____
5. Performed operational checks.	_____	_____
6. Verified faults listed on maintenance forms and used appropriate troubleshooting chart.	_____	_____
a. Localized the probable cause by comparing the symptoms identified on maintenance form with those listed in the troubleshooting chart.		
b. Documented all deficiencies on DA Form 2404.		
7. Identified defective parts.	_____	_____
a. Isolated the defective components, parts, or wiring by analyzing the sources of probable causes identified in performance step 6.		
b. Documented all deficiencies on DA Form 2404.		
8. Replaced or repaired defective parts and/or components.	_____	_____
a. Removed components and parts to be replaced and those that prevented access to them.		
b. Disassembled components and parts to be replaced.		
c. Removed and/or replaced defective wiring, if necessary.		
d. Cleaned all components or parts that were dusty, dirty, or corroded.		
e. Replaced serviceable parts and/or components, if necessary.		
f. Reassembled telephone.		
9. Performed operational checks.	_____	_____

**Performance Measures**

**GO**    **NO-GO**

- |  |       |       |
|--|-------|-------|
| 10. Completed appropriate blocks on maintenance request forms. | _____ | _____ |
| 11. Tagged defective parts for turn-in.                        | _____ | _____ |
| 12. Notified supervisor upon completion of task.               | _____ | _____ |

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References**

**Required**

- DA Form 2404
- DA Form 2407
- DA Form 2407-1
- DA Form 5988-E
- DA Form 5990-E
- DA Pam 750-8
- TM 11-5805-761-13&P

**Related**

Skill Level 2

Subject Area 10: Technical Assistance in the Repair of Electronic Devices

**Provide Technical Assistance to Subordinates Performing Night Vision Devices Repair  
093-94F-2001**

**Conditions:** In a contemporary operating environment, given applicable technical manuals (TMs) for AN/TVS-5 (TM 11-5855-214-10 and TM 11-5855-214-23&P); AN/PVS-4 (TM 11-5855-213-10 and TM 11-5855-213-23&P); AN/PVS-5A/B/C (TM 11-5855-238-10 and TM 11-5855-238-23&P); AN/VVS-2 (V-1) (TM 11-5855-249-10 and TM 11-5855-249-23&P); AN/PVS-7A (TM 11-5855-262-10-2, TM 11-5855-262-23&P-1, and TM 11-5855-262-23&P-2); AN/PVS-7B (TM 11-5855-262-10-2 and TM 11-5855-262-23&P-2); AN/ PVS-14 (TM 11- 5855-306-10 and TM 5855-306-23&P); DA Pamphlet 750-8; and tools and test equipment listed in applicable TMs.

NOTE: This task is performed in conjunction with a lower skill level task.

**Standards:** Determine and provide the required assistance to enable the subordinate to continue with and complete the repairs.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO-GO</b></u>
NOTE: All safety practices, WARNINGS, and CAUTIONS listed in the TMs must be adhered to.		
1. Evaluated the problem from the subordinate's description using the applicable TM.	—	—
2. Checked the subordinate's prior work and operating mode.	—	—
a. Checked work already performed.		
b. Evaluated the subordinate's attempts to correct the fault.		
3. Performed any additional tests necessary to further isolate the fault.	—	—
4. Established the cause of the subordinate's difficulty in finding the fault.	—	—
a. Procedural error.		
b. Deficiency in technical knowledge.		
5. Gave the subordinate the information needed to continue the repair.	—	—
a. Corrected any existing procedural deficiencies.		
b. Provided or reinforced training needed to overcome deficiency in technical knowledge.		
c. Offered suggestions to the subordinate on how to proceed.		
6. Checked the subordinate's work progress.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References**

**Required**

DA Pam 750-8  
TM 11-5855-213-10  
TM 11-5855-213-23&P  
TM 11-5855-214-10  
TM 11-5855-214-23&P  
TM 11-5855-238-10  
TM 11-5855-238-23&P  
TM 11-5855-249-10  
TM 11-5855-249-23&P  
TM 11-5855-262-10-2  
TM 11-5855-262-23&P-1  
TM 11-5855-262-23&P-2  
TM 11-5855-306-10  
TM 11-5855-306-23&P

**Related**

**Provide Technical Assistance to Subordinates Performing Mine Detection and  
Scattering Systems Repair  
093-94F-2002**

**Conditions:** In a contemporary operating environment, given applicable technical manuals (TMs) for M128, AN/PSS-12 (TM 5-6665-202-13); XM-139 (TM 9-1095-208-10-1 and TM 9-1095-208-23-1&P); XM-138 (TM 9-1095-209-10 and TM 9-1095-209-23&P); tools and test equipment listed in the TMs; and DA Pamphlet 750-8.

NOTE: This task is performed in conjunction with a lower skill level task.

**Standards:** Determine and provide required assistance to enable the subordinate to continue with and complete the repairs.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO-GO</b></u>
NOTE: All safety practices, WARNINGS, and CAUTIONS listed in the TMs must be adhered to.		
1. Evaluated the problem from the subordinate's description using the applicable TM.	_____	_____
2. Checked the subordinate's prior work and operating mode.	_____	_____
a. Checked work already performed.		
b. Evaluated the subordinate's attempts to correct the fault.		
3. Performed any additional tests necessary to further isolate the fault.	_____	_____
4. Established the cause of the subordinate's difficulty in finding the fault.	_____	_____
a. Procedural error.		
b. Deficiency in technical knowledge.		
5. Gave the subordinate the information needed to continue the repair.	_____	_____
a. Corrected any existing procedural deficiencies.		
b. Provided or reinforced training due to lack of technical knowledge.		
c. Offered suggestions to the subordinate on how best to proceed.		
6. Checked the subordinate's work progress.	_____	_____

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

<b>References</b>	<b>Required</b>	<b>Related</b>
	DA Pam 750-8	
	TM 5-6665-202-13	
	TM 9-1095-208-10-1	
	TM 9-1095-208-13&P	
	TM 9-1095-209-10	
	TM 9-1095-209-23&P	

**Provide Technical Assistance to Subordinates Performing Chemical Agent Detection and Alarm Systems Repair**  
**093-94F-2003**

**Conditions:** In a contemporary operating environment, given applicable technical manuals (TMs) for M8A1 (TM 3-6665-312-12&P and TM 3-6665-312-30&P); chemical agent monitor (CAM) (TM 3-6665-331-10 and TM 3-6665-331-23&P); improved chemical agent monitor (ICAM) (TM 3-6665-343-10 and TM 3-6665-343-23&P); M10/M10A1; tools and test equipment listed in applicable TMs; and DA Pamphlet 750-8.

NOTE: This task is performed in conjunction with a lower skill level task.

**Standards:** Determine and provide required assistance to enable the subordinate to continue with and complete repairs.

**Performance Measures****GO**    **NO-GO**

NOTE: All safety practices, WARNINGS, and CAUTIONS listed in the TMs must be adhered to.

- |  |       |       |
|--|-------|-------|
| 1. Evaluated the problem from the subordinate's description using the applicable TM.   | _____ | _____ |
| 2. Checked the subordinate's prior work and operating mode. <ul style="list-style-type: none"> <li>a. Checked work already performed.</li> <li>b. Evaluated the subordinate's attempts to correct the fault.</li> </ul>  | _____ | _____ |
| 3. Performed any additional tests needed to further isolate the fault.   | _____ | _____ |
| 4. Established the cause of the subordinate's difficulty in finding the fault. <ul style="list-style-type: none"> <li>a. Procedural error.</li> <li>b. Deficiency in technical knowledge.</li> </ul>   | _____ | _____ |
| 5. Gave the subordinate the information needed to continue the repair. <ul style="list-style-type: none"> <li>a. Corrected any procedural deficiencies that existed.</li> <li>b. Provided or reinforced training needed to overcome deficiency in technical knowledge.</li> <li>c. Offered suggestions to the subordinate on how best to proceed.</li> </ul> | _____ | _____ |
| 6. Checked the subordinate's work progress.  | _____ | _____ |

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References****Required**

DA Pam 750-8  
 TM 3-6665-312-12&P  
 TM 3-6665-312-30&P  
 TM 3-6665-331-10  
 TM 3-6665-331-23&P  
 TM 3-6665-343-10  
 TM 3-6665-343-23&P

**Related**

**Provide Technical Assistance to Subordinates Performing Special Test Sets Organic to Special Electronic Devices Repair**  
**093-94F-2004**

**Conditions:** In a contemporary operating environment, given applicable technical manuals (TMs) for AN/USM-427 (TM 5-6675-238-14); AN/USM-428, TS-3895/UV (TM 11-5855-264-14); chemical agent monitor (CAM); (diagnostic test set (DTS)); TM 3-6665-332-13&P; tools and test equipment listed in the TMs; and DA Pamphlet 750-8.

NOTE: This task is performed in conjunction with a lower skill level task.

**Standards:** Determine and provide required assistance to enable the subordinate to continue with and complete the repairs.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO-GO</b></u>
NOTE: All safety practices, WARNINGS, and CAUTIONS listed in the TMs must be adhered to.		
1. Evaluated the problem from the subordinate's description using the applicable TM listed in the conditions statement.	_____	_____
2. Checked the subordinate's prior work and operating mode.	_____	_____
a. Checked work already performed.		
b. Evaluated the subordinate's attempts to correct the fault.		
3. Performed any additional tests needed to further isolate the fault.	_____	_____
4. Established the cause of the subordinate's difficulty in finding the fault.	_____	_____
a. Procedural error.		
b. Deficiency in technical knowledge.		
5. Gave the subordinate the information needed to continue the repair.	_____	_____
a. Corrected any existing procedural deficiencies.		
b. Provided or reinforced training needed to overcome deficiency in technical knowledge.		
c. Offered the subordinate suggestions on how best to proceed.		
6. Checked the subordinate's work progress.	_____	_____

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

<b>References</b>	<b>Required</b>	<b>Related</b>
	DA Form 2404	
	DA Form 2407	
	DA Form 2407-1	
	DA Pam 750-8	
	TM 11-5855-264-14	
	TM 3-6665-332-13&P	
	TM 5-6675-238-14	

**Accept, In-Process, and Out-Process Special Electronic Devices  
093-94F-2005**

**Conditions:** In a contemporary operating environment, given a special electronic device (SED) (with fault), DA Form 2404 (Equipment Inspection and Maintenance Worksheet), DA Form 2405 (Maintenance Request Register), DA Form 2407 (Maintenance Request), DA Form 2407-1 (Maintenance Request Continuation Sheet), DA Form 3999-2-R (Maintenance Workload Control Form No. 2), DA Form 3999-3-R (Workload Accounting Daily Status Sheet), DA Form 3999-4 (Maintenance Work Request Envelope), DA Form 3999-10 (Maintenance Activity Workload Control), local SOPs and supplements, applicable technical manuals (TMs), and DA Pamphlet 750-8.

NOTE: This task is performed in conjunction with a lower skill level task.

**Standards:** Accept, in-process, and out-process the SED presented for repair in accordance with listed references and without error.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO-GO</b></u>
1. Ensured SED and maintenance request forms presented by representative of supported units were properly accepted.	—	—
2. Ensured maintenance control clerk or shop/section representative reviewed maintenance forms for completeness and accuracy and initiator of maintenance request packet. <ul style="list-style-type: none"> <li>a. Identified shop/section to perform the requested maintenance based on type of equipment and deficiencies listed on DA Form 2407.</li> <li>b. Assigned or completed register number for the DA Form 2407 (using the next sequential number from DA Form 2405 or automated system generated work request number).</li> <li>c. Prepared maintenance control section (MCS) DA Form 3999-10 (if required) and entered status code A, D, or N in block 68.</li> <li>d. Prepared MCS DA Form 3999-4, placed all completed maintenance forms in the envelope, and directed unit representative to proceed to inspection section or shop/section.</li> </ul>	—	—
3. Conducted or ensured senior inspector conducted an acceptance inspection to determine completeness of item and accomplishment of lower echelon maintenance, existence of unfair wear-and-tear damage, and accuracy of information on DA Form 2407; indicated the "in-the-clear" identification of the maintenance shop/section on copy of the maintenance request.	—	—
4. Signed or ensured senior inspector signed for receipt of items listed on DA Form 2407 and returned copy 1 to the unit representative.	—	—
5. Ensured (time permitting) complete technical inspection (TI) was performed and results were recorded on DA Form 2404.	—	—
6. Ensured (following TI) that quantity, national stock number (NSN), nomenclature of repair parts required, were determined and DA Form 2407-1 was prepared.	—	—
7. Ensured action performed and man hours actually expended were recorded on DA Form 2407 and, if required, on MCS DA Form 3999-3-R.	—	—
8. Ensured SED was placed in holding area, new location was annotated on next line of DA Form 3999-4, and maintenance request was sent to shop supply (if parts were required) or to shop office.	—	—

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO-GO</b></u>
9. Ensured (at completion of required maintenance) repairer submitted to shop/section maintenance clerk all maintenance forms for review. (Repairer was directed to return item to holding area and to annotate new location on DA Form 3999-4. If copy 2 of Maintenance Activity Workload Control Form was posted to shop/section control file, it should have been removed and placed in maintenance request envelope.)	—	—
10. Received, or ensured senior inspector received, maintenance request envelope by completing next open line on DA Form 3999-4. Ensured final inspection was performed to verify SED had been returned to a serviceable condition or required repairs had been completed.	—	—
11. Ensured actual time for final inspection was recorded on DA Form 2407, final inspection block was signed, and entries required on DA Form 2405 were completed.	—	—
12. Ensured that SED was returned to holding area pending pickup by unit representative and holding area location was annotated on DA Form 3999-4. Maintenance request envelope was then sent to maintenance control section and the next line of DA Form 3999-3-R indicated in columns 3 and 4 (ACTION) from "E" to "R", if required.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
DA Form 2404	
DA Form 2405	
DA Form 2407	
DA Form 2407-1	
DA Form 3999-10 (GREEN)	
DA Form 3999-10 (WHITE)	
DA Form 3999-2-R	
DA Form 3999-3-R	
DA Form 3999-4	
DA Pam 750-8	

**Provide Technical Assistance in Troubleshooting and Repair of the Lightweight Digital Facsimile (LDF) AN/UXC-7(\*)**

**093-94F-2009**

**Conditions:** In a contemporary operating environment, a soldier is having trouble repairing the lightweight digital facsimile (LDF) AN/UXC-7 (\*) and has requested assistance. As senior repairer, it is your responsibility to provide technical assistance on how to perform this task. Given an LDF AN/UXC-7 (\*) with a malfunction; Digital Multimeter AN/PSM-45A; Oscilloscope AN/USM-488; Tool Kit TE-50B; Tool Kit TK-105/G; TM 11-5815-615-10; TM 11-5815-615-23; TM 11-5815-615-23P; special tools and test equipment listed in TM 11-5815-615-23 (Appendix B, Section III); DA Form 2404 (Equipment Inspection and Maintenance Worksheet); DA Form 2407 (Maintenance Request); DA Form 2407-1 (Maintenance Request Continuation Sheet); and DA Pamphlet 750-8.

**Standards:** Provide technical assistance and instruction on how to troubleshoot and repair the LDF AN/UXC-7(\*) to enable the skill level (SL) 1 soldier to correctly complete the task.

**Evaluation Preparation:** Setup: Gather all required equipment, tools, and publications listed in the conditions. Ask a soldier to act as the repairer having difficulty repairing the LDF and to request technical assistance from the noncommissioned officer (NCO).

Brief soldiers: Tell the NCO that the test will consist of providing technical assistance to a soldier repairing the LDF. The NCO must identify the problem and correct any deficiencies the soldier makes performing the troubleshooting or repair procedures. Inform the soldier that he/she is there to follow directions and not to provide any information or guidance to the NCO being tested.

**Performance Measures**

NOTE: All WARNINGS and CAUTIONS in the technical manuals (TMs) must be observed.

	<u>GO</u>	<u>NO-GO</u>
1. Identified the type of problem.	_____	_____
a. Questioned the soldier about the problem.		
b. Reviewed the maintenance forms for the reported malfunction.		
c. Instructed the soldier to demonstrate the troubleshooting procedures previously performed.		
2. Determined whether the soldier was following correct procedures.	_____	_____
a. Configured equipment for operating mode.		
b. Performed Mode A self-test.		
c. Performed Mode B self-test.		
d. Concurred/nonconcurred with the procedures.		
NOTE: If you concurred with the procedures the soldier performed, go to performance measure (PM) 4. If you nonconcurred with the procedures the soldier performed, go to PM 3, then PM 4 if needed.		
3. Performed additional troubleshooting tests to localize the malfunction, if required.	_____	_____
4. Provided the soldier with the information needed to continue correct troubleshooting procedures.	_____	_____
a. Corrected any procedural deficiencies.		
b. Explained to or showed the soldier what was done incorrectly.		
c. Offered suggestions to the soldier on how to proceed.		

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO-GO</u></b>
5. Checked the soldier's work progress as he/she continued with the repair procedures. a. Ensured the repairs were authorized. b. Provided assistance on how to remove and replace defective parts and perform adjustments. NOTE: Some corrective actions require testing and/or adjusting the suspected malfunctioning part before replacing. c. Assisted in identifying and locating repair parts, if required.	—	—
6. Verified the equipment was repaired. a. Observed final testing procedures. b. Corrected any procedural deficiencies in final testing. c. Provided or reinforced training. d. Checked maintenance forms for proper completion and, if required, explained entries to the skill level 1 soldier.	—	—
7. Analyzed the problem and provided additional training if the soldier had difficulty performing the task. a. Checked procedural errors. b. Determined specific lack of technical skills/knowledge. NOTE: Base your determination on the information gathered in PMs 1 through 6 and your evaluation of the soldier's experience and technical knowledge.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References**

**Required**

- DA Form 2404
- DA Form 2407
- DA Form 2407-1
- DA Pam 750-8
- TM 11-5815-615-10
- TM 11-5815-615-23
- TM 11-5815-615-23P

**Related**

- TM 11-6625-3052-14
- TM 11-6625-3135-12

Subject Area 11: Technical Assistance in the Repair of Facsimile Equipment

**Provide Technical Assistance in the Repair of Lightweight Computer Unit V2 (\*)**  
**093-94F-2006**

**Conditions:** A soldier is having trouble repairing a lightweight computer unit (LCU) V2(\*) and has requested assistance. As senior repairer in a contemporary operating environment, you must provide technical assistance and instruct soldiers on how to perform this task. Given an LCU V2(\*); printer automatic data PT-555; modem communications MD-1298/U tactical communications interface modem (TCIM); compact disk-read only memory (CD-ROM) drive with a malfunction; diagnostics disk drive; electrostatic discharge (ESD) workstation; TK-105/G and TK-100/G tool kits; TM 11-5895-1546-12&P; TM 11-7021-221-12&P; TM 11-7021-227-12&P; TM 11-7025-311-12&P; TM 11-7025-327-12&P; TM 11-7021-217-12&P; TM 11-7021-221-30&P; TM 11-7021-227-30&P; TM 11-7025-327-30&P; Digital Multimeter AN/PSM-45A; special tools and test equipment listed in TM 11-7021-221-12&P (Appendix B, Section III); DA Form 2404 (Equipment Inspection and Maintenance Worksheet); DA Form 2407 (Maintenance Request); DA Form 2407-1 (Maintenance Request Continuation Sheet); and DA Pamphlet 750-8.

**Standards:** Provide technical assistance and instruction on how to repair a LCU V2(\*) to enable the skill level (SL) 1 soldier to acquire the skills to correctly complete the task.

**Evaluation Preparation:**

Setup: Gather all required equipment, tools, and publications listed in the conditions. Ask a soldier to act as the repairer who is having difficulty repairing the LCU V2(\*) and to request technical assistance from the noncommissioned officer (NCO) being tested.

Brief soldiers: Tell the NCO being tested that the test will consist of providing technical assistance to a soldier repairing the LCU V2(\*). He/She must identify the problem and correct any deficiencies the soldier makes while performing troubleshooting or repair procedures. Inform the soldier that he/she is there to follow directions and not to provide any information or guidance to the NCO being tested.

**Performance Measures**

**GO    NO-GO**

NOTE: All WARNINGS and CAUTIONS in the technical manuals (TMs) must be observed.

- |  |       |       |
|--|-------|-------|
| 1. Identified type of problem.   | _____ | _____ |
| a. Questioned the soldier about the problem.   |       |       |
| b. Reviewed maintenance forms for the reported malfunction.  |       |       |
| c. Instructed soldier to demonstrate the troubleshooting procedures previously performed.                                    |       |       |
| 2. Determined whether the soldier was following correct procedures.  | _____ | _____ |
| a. Configured equipment for operating mode.  |       |       |
| b. Performed diagnostic tests.   |       |       |
| c. Visually inspected line replaceable units (LRUs) and harnessed connectors to verify they were properly seated and locked. |       |       |
| d. Concurred or nonconcurred with procedures performed by the soldier.   |       |       |

NOTE: If you concurred with the procedures performed by the soldier, go to performance measure (PM) 4. If you nonconcurred with procedures performed by the soldier, go to PM 3 and PM 4, if needed.

- |   |       |       |
|---|-------|-------|
| 3. Performed additional troubleshooting tests to localize the malfunction, if required. | _____ | _____ |
|---|-------|-------|

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO-GO</u></b>
4. Provided the soldier with information needed to continue correct troubleshooting procedures. a. Corrected any procedural deficiencies. b. Explained or demonstrated what was done wrong. c. Suggested to the soldier a direction in which to proceed.	—	—
5. Checked the soldier's work progress as he/she continued with repair procedures. a. Ensured repairs were authorized. b. Provided assistance on how to remove and replace defective parts and perform adjustments. c. Assisted in identifying and locating repair parts, if required.	—	—
6. Verified the equipment was repaired. a. Observed final testing procedures. b. Corrected any procedural deficiencies in final testing. c. Provided or reinforced training. d. Checked maintenance forms for proper completion and, if required, explained entries.	—	—
<b>NOTE:</b> Base your determination on the information gathered in PMs 1 through 6 and your evaluation of the soldier's experience and technical knowledge.		
7. Analyzed the problem and provided additional training if the soldier had difficulty performing the task. a. Checked procedural errors. b. Determined specific lack of technical skills or knowledge.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
DA Form 2404	
DA Form 2407	
DA Pam 750-8	
TM 11-5895-1546-12&P	
TM 11-6625-3052-14	
TM 11-7021-217-12&P	
TM 11-7021-221-12&P	
TM 11-7021-221-30&P	
TM 11-7021-227-12&P	
TM 11-7021-227-30&P	
TM 11-7025-311-12&P	
TM 11-7025-327-12&P	
TM 11-7025-327-30&P	

**Provide Technical Assistance in the Repair of IBM Compatible Computers  
093-94F-2007**

**Conditions:** In a contemporary operating environment, a soldier is having trouble repairing an IBM compatible computer who has requested assistance. As senior repairer, you must provide technical assistance and instruction on how to perform this task. Given a complete IBM compatible computer with a malfunction, monitor, electrostatic discharge (ESD) workstation, TK-105/G and TK-100/G tool kits, TM 11-6625-3052-14, Digital Multimeter AN/PSM-45A, special tools and test equipment listed in technical manuals (TMs), DA Form 2404 (Equipment Inspection and Maintenance Worksheet), DA Form 2407 (Maintenance Request), DA Form 2407-1 (Maintenance Request Continuation Sheet), and DA Pamphlet 750-8.

**Standards:** Provide necessary assistance and instruction to enable the skill level (SL) 1 soldier to acquire the skills to correctly repair the IBM compatible computer.

**Evaluation Preparation:**

Setup: Gather all required equipment, tools, and publications listed in the condition statement. Ask a soldier to act as the repairer who is having difficulty repairing the IBM compatible computer and to request technical assistance from the noncommissioned officer (NCO) being tested.

Brief soldiers: Tell the NCO being tested that the test will consist of providing technical assistance to a soldier repairing the IBM compatible computer. He/She must identify the problem and correct any deficiencies the soldier makes performing troubleshooting or repair procedures. Inform the soldier that he/she is there to follow directions and not to provide any information or guidance to the NCO being tested.

**Performance Measures**

NOTE: All WARNINGS and CAUTIONS in the TMs must be observed.

	<u>GO</u>	<u>NO-GO</u>
1. Identified the type of problem.	_____	_____
a. Questioned the soldier about the problem.		
b. Reviewed the maintenance forms for the reported malfunction.		
c. Instructed the soldier to demonstrate the troubleshooting procedures previously performed.		
2. Determined whether the soldier was following the correct procedures.	_____	_____
a. Configured equipment for operating mode.		
b. Performed diagnostic tests.		
c. Visually inspected line replaceable units (LRUs) and harnessed connectors to verify they were properly seated and locked.		
d. Concurred or nonconcurred with the procedures.		
NOTE: If you concurred with procedures performed by the soldier, go to performance measure (PM) 4. If you nonconcurred with procedures performed by the soldier, go to PM 3 and then PM 4, if needed.		
3. Performed additional troubleshooting tests to localize the malfunction, if required.	_____	_____
4. Provided the soldier with information needed to continue correct troubleshooting procedures.	_____	_____
a. Corrected any procedural deficiencies.		
b. Explained or demonstrated what was done wrong.		
c. Suggested to the soldier a direction in which to proceed.		

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO-GO</u></b>
5. Checked the soldier's work progress as he/she continued with the repair procedures. a. Ensured the repairs were authorized. b. Provided assistance on how to remove and replace defective parts and perform adjustments. c. Assisted in identifying and locating repair parts, if required.	—	—
6. Verified the equipment was repaired. a. Observed final testing procedures. b. Corrected any procedural deficiencies in final testing. c. Provided or reinforced training. d. Checked maintenance forms for proper completion and, if required, explained entries.	—	—
<b>NOTE:</b> Base your determination on the information gathered in PMs 1 through 6 and your evaluation of the soldier's experience and technical knowledge.		
7. Analyzed the soldier's difficulty in performing the task and provided additional training. a. Checked procedural errors. b. Determined specific lack of technical skills or knowledge.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
DA Form 2404	
DA Form 2407	
DA Form 2407-1	
DA Pam 750-8	
TM 11-6625-3052-14	

**Provide Technical Assistance in the Repair of Computer System Peripherals  
093-94F-2008**

**Conditions:** In a contemporary operating environment, a soldier is having trouble repairing one of the following computer peripherals and has requested assistance (dot matrix printer, laser printer, page scanner, or monitor). As senior repairer, you must provide soldiers with technical assistance and instruction on how to perform this task. Given a complete IBM compatible computer, one of the above computer peripherals with a malfunction, an electrostatic discharge (ESD) workstation, TK-105/G and TK-100/G tool kits, Digital Multimeter AN/PSM-45A, special tools and test equipment listed in technical manuals (TMs), TM 11-6625-3052-14, DA Form 2404 (Equipment Inspection and Maintenance Worksheet), DA Form 2407 (Maintenance Request), DA Form 2407-1 (Maintenance Request Continuation Sheet), and DA Pamphlet 750-8.

**Standards:** Provide technical assistance and instruction on how to repair one of the computer peripherals to enable the skill level (SL) 1 soldier to correctly complete the task.

**Evaluation Preparation:**

Setup: Gather all required equipment, tools, and publications listed in the conditions. Ask a soldier to act as the repairer having difficulty repairing computer system peripherals and to request technical assistance from the noncommissioned officer (NCO) being tested.

Brief soldiers: Tell the NCO being tested that the test will consist of providing technical assistance to a soldier repairing the mortar ballistic computer. He/She must identify the problem and correct any deficiencies the soldier makes performing the troubleshooting or repair procedures. Inform the soldier that he/she is there to follow directions and not to provide any information or guidance to the NCO being tested.

**Performance Measures**

**GO      NO-GO**

NOTE: All WARNING and CAUTIONS in the TMs must be observed.

- |   |   |       |       |       |       |       |       |       |       |
|---|---|-------|-------|-------|-------|-------|-------|-------|-------|
| <ol style="list-style-type: none"> <li>1. Identified the type of problem.                     <ol style="list-style-type: none"> <li>a. Questioned the soldier about the problem.</li> <li>b. Reviewed the maintenance forms for the reported malfunction.</li> <li>c. Instructed the soldier to demonstrate the troubleshooting procedures previously performed.</li> </ol> </li> <br/> <li>2. Determined if the soldier was following the correct procedures.                     <ol style="list-style-type: none"> <li>a. Configured equipment for operating mode.</li> <li>b. Performed diagnostic tests.</li> <li>c. Visually inspected line replaceable units (LRUs) and harnessed connectors to verify they were properly seated and locked.</li> <li>d. Concurred or nonconcurred with the procedures performed by the soldier.</li> </ol> </li> <br/> <li>3. Performed additional troubleshooting tests to localize the malfunction, if required.</li> <br/> <li>4. Provided the soldier with information needed to continue correct troubleshooting procedures.                     <ol style="list-style-type: none"> <li>a. Corrected any procedural deficiencies.</li> <li>b. Explained or demonstrated what was done wrong.</li> <li>c. Suggested to the soldier a direction in which to proceed.</li> </ol> </li> </ol> | <table border="0"> <tr> <td>_____</td> <td>_____</td> </tr> <tr> <td>_____</td> <td>_____</td> </tr> <tr> <td>_____</td> <td>_____</td> </tr> <tr> <td>_____</td> <td>_____</td> </tr> </table> | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| _____   | _____   |       |       |       |       |       |       |       |       |
| _____   | _____   |       |       |       |       |       |       |       |       |
| _____   | _____   |       |       |       |       |       |       |       |       |
| _____   | _____   |       |       |       |       |       |       |       |       |

NOTE: If you concurred with the procedures performed by the soldier, go to performance measure (PM) 4; if you nonconcurred with the procedures performed by the soldier, go to PM 3 and then PM 4, if needed.

**Performance Measures**

**GO**    **NO-GO**

- |   |                   |                   |
|---|-------------------|-------------------|
| <p>5. Checked the soldier's work progress as he/she continued with the repair procedures.</p> <ul style="list-style-type: none"> <li>a. Ensured the repairs were authorized.</li> <li>b. Provided assistance on how to remove and replace defective parts and perform adjustments.</li> <li>c. Assisted in identifying and locating repair parts, if required.</li> </ul> <p>6. Verified the equipment was repaired.</p> <ul style="list-style-type: none"> <li>a. Observed final testing procedures.</li> <li>b. Corrected any procedural deficiencies in final testing.</li> <li>c. Provided or reinforced training.</li> <li>d. Checked maintenance forms for proper completion and, if required, explained entries to the skill level 1 soldier.</li> </ul> | <p>—</p> <p>—</p> | <p>—</p> <p>—</p> |
|---|-------------------|-------------------|

NOTE: Base your determination on the information gathered in PMs 1 through 6 and your evaluation of the soldier's experience and technical knowledge.

- |  |          |          |
|--|----------|----------|
| <p>7. Analyzed the problem and provided additional training if the soldier had difficulty in performing the task.</p> <ul style="list-style-type: none"> <li>a. Procedural errors.</li> <li>b. Lack of technical skills or knowledge.</li> </ul> | <p>—</p> | <p>—</p> |
|--|----------|----------|

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References**

**Required**

- DA Form 2404
- DA Form 2407
- DA Form 2407-1
- DA Pam 750-8
- TM 11-6625-3052-14

**Related**

**Provide Technical Assistance in the Repair of Ruggedized Tactical Computer System Peripherals  
093-94F-2010**

**Conditions:** In a contemporary operating environment, a soldier is having trouble repairing the ruggedized automatic data processing assembly PT-555 and has requested assistance. As senior repairer, you must provide soldiers with technical assistance and instruction on how to perform this task. Given a ruggedized automatic data processing assembly PT-555 with a malfunction, complete lightweight computer unit (LCU), Digital Multimeter AN/PSM-45A, TK-100/G and TK-105/G tool kits, electrostatic discharge (ESD) workstation, TM 11-7025-311-12&P, TM 11-7021-217-12&P, TM 11-7021-221-12&P, TM 11-7021-221-30&P, TM 11-7021-227-12&P, TM 11-7021-227-30&P, TM 11-5895-1546-12&P, TM 11-7025-327-12&P, TM 11-7025-327-30&P, special tools and test equipment listed in TM 11-7025-311-12&P, TM 11-5895-1546-12&P, TM 11-7025-327-12&P, DA Form 2404 (Equipment Inspection and Maintenance Worksheet), DA Form 2407 (Maintenance Request), DA Form 2407-1 (Maintenance Request Continuation Sheet), and DA Pamphlet 750-8.

**Standards:** Provide technical assistance and instruction on how to repair the ruggedized automatic data processing assembly PT-555 to enable the skill level (SL) 1 soldier to correctly complete the task.

**Performance Measures**

**GO    NO-GO**

NOTE: All WARNINGS and CAUTIONS in the technical manuals (TMs) must be observed.

- |  |       |       |
|--|-------|-------|
| 1. Identified the type of problem.   | _____ | _____ |
| a. Questioned the soldier about the problem.   |       |       |
| b. Reviewed the maintenance forms for the reported malfunction.  |       |       |
| c. Instructed the soldier to demonstrate troubleshooting procedures previously performed.                                    |       |       |
| 2. Determined whether the soldier was following the correct procedures.  | _____ | _____ |
| a. Configured equipment for operating mode.  |       |       |
| b. Performed diagnostic tests.   |       |       |
| c. Visually inspected line replaceable units (LRUs) and harnessed connectors to verify they were properly seated and locked. |       |       |
| d. Concurred or nonconcurred with procedures performed by the soldier.   |       |       |

NOTE: If you concurred with the procedures performed by the soldier, go to performance measure (PM) 4. If you nonconcurred with the procedures performed by the soldier, go to PM 3 and then PM 4, if needed.

- |  |       |       |
|--|-------|-------|
| 3. Performed additional troubleshooting tests to localize the malfunction, if required.      | _____ | _____ |
| 4. Provided soldier with information needed to continue correct troubleshooting procedures.  | _____ | _____ |
| a. Corrected any procedural deficiencies.  |       |       |
| b. Explained or demonstrated what was done wrong.  |       |       |
| c. Suggested to the soldier a direction in which to proceed.                                 |       |       |
| 5. Checked the soldier's work progress as he/she continued with repair procedures.           | _____ | _____ |
| a. Ensured repairs were authorized.  |       |       |
| b. Provided assistance on how to remove and replace defective parts and perform adjustments. |       |       |
| c. Assisted in identifying and locating repair parts, if required.                           |       |       |

**Performance Measures**

**GO**    **NO-GO**

- 6. Verified that the equipment was repaired.
  - a. Observed final testing procedures.
  - b. Made current any procedural deficiencies in final testing.
  - c. Provided or reinforced training.
  - d. Checked maintenance forms for proper completion and, if required, explained entries to the skill level 1 soldier.

\_\_\_\_\_

NOTE: Base your determination on the information gathered in PMs 1 through 6 and your evaluation of the soldier's experience and technical knowledge.

- 7. Analyzed the problem and provided additional training if the soldier had difficulty performing the task.
  - a. Checked procedural errors.
  - b. Determined specific lack of technical skills or knowledge.

\_\_\_\_\_

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References**

**Required**

**Related**

- DA Form 2404
- DA Form 2407
- DA Form 2407-1
- DA Pam 750-8
- TM 11-5895-1546-12&P
- TM 11-7021-217-12&P
- TM 11-7021-221-12&P
- TM 11-7021-221-30&P
- TM 11-7021-227-12&P
- TM 11-7021-227-30&P
- TM 11-7025-311-12&P
- TM 11-7025-327-12&P
- TM 11-7025-327-30&P

Subject Area 12: Inspection of Switchboards

**Perform Final Inspection of Switchboard SB-22/PT  
093-94F-2013**

**Conditions:** In a contemporary operating environment, given a repaired SB-22/PT switchboard, TM 11-5805-262-12, TM 11-5805-262-20P, TM 11-5805-262-34, TM 11-5805-262-34P, DA Form 2404 (Equipment Inspection and Maintenance Worksheet), DA Form 2407 (Maintenance Request), DA Form 2407-1 (Maintenance Request Continuation Sheet), DA Form 3999-4 (Maintenance Work Request Envelope), DA Form 5988-E (Equipment Inspection Maintenance Worksheet [EGA]), and/or DA Form 5990-E (Maintenance Request [EGA]), DA Pamphlet 750-8, TK-105/G tool kit, Multimeter AN/PSM-45, Telephone Test Set AN/PTM-6, Tone Signal Adapter TA-977/PT, Transmission Test Set AN/USM-485, and WD-1 wire.

**Standards:** Perform final inspection on repaired switchboard SB-22, provide technical assistance, if necessary, and ensure that the applicable maintenance forms were completed.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO-GO</u></b>
1. Reviewed the Symptoms listed in blocks 14 and 24 of DA Form 2407 or Malfunction/Remarks block of DA Form 5990-E.	—	—
2. Ensured that DA Form 5990-E was supported by DA Form 2407-1 and all appropriate blocks were completed in accordance with DA Pamphlet 750-8.	—	—
3. Visually inspected repaired switchboard and verified correct installation. If not correct-- a. Informed the repairer. b. Provided technical assistance, if necessary.	—	—
4. Performed rectifier and push-to-talk switch test. If switchboard failed test-- a. Informed the repairer. b. Provided technical assistance, if necessary.	—	—
5. Performed line and trunk efficiency test. If switchboard failed test-- a. Informed the repairer. b. Provided technical assistance, if necessary.	—	—
6. Performed operator's pack transmission efficiency test. If switchboard failed test-- a. Informed the repairer. b. Provided technical assistance, if necessary.	—	—
7. Performed hand ringing generator efficiency test. If switchboard failed test-- a. Informed the repairer. b. Provided technical assistance, if necessary.	—	—
8. Performed operator's telephone set efficiency test. If switchboard failed test-- a. Informed the repairer. b. Provided technical assistance, if necessary.	—	—
9. Ensured appropriate maintenance forms had been completed. a. Completed "Inspected by" block of DA Form 5990-E and ensured that DA Form 2407-1 had been completed by the skill level (SL) 1 soldier. b. Completed blocks 37a, b, c, and d of DA Form 2407.	—	—
10. Returned switchboard to owning organization.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References****Required**

DA Form 2404  
DA Form 2407  
DA Form 2407-1  
DA Form 3999-4  
DA Form 5988-E  
DA Form 5990-E  
DA Pam 750-8  
TM 11-5805-262-12  
TM 11-5805-262-20P  
TM 11-5805-262-34  
TM 11-5805-262-34P

**Related**

**Perform Final Inspection of Telephone Set TA-312/PT  
093-94F-2014**

**Conditions:** In a contemporary operating environment, given a repaired TA-312 telephone, TM 11-5805-201-12, TM 1-5805-201-35, TM 11-5805-243-13, TM 11-5805-201-23P, DA Form 3999-4 (Maintenance Work Request Envelope), DA Form 2404 (Equipment Inspection and Maintenance Worksheet) and/or DA Form 5990-E (Maintenance Request [EGA]), DA Form 2407 (Maintenance Request), DA Form 2407-1 (Maintenance Request Continuation Sheet), and DA Pamphlet 750-8.

**Standards:** Perform final inspection on repaired telephone TA-312, provide technical assistance, if necessary, and ensure that the appropriate maintenance forms had been completed.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO-GO</u></b>
1. Reviewed the Symptoms listed in blocks 14 and 24 of DA Form 2407 or Malfunctions/Remarks block of DA Form 5990-E.	—	—
2. Ensured that DA Form 5990-E was supported by DA Form 2407-1 and all appropriate blocks were completed in accordance with DA Pamphlet 750-8.	—	—
3. Performed physical tests and inspections. If telephone failed tests-- a. Informed the repairer. b. Provided technical assistance, if needed.	—	—
4. Performed signaling, ringing, transmit-and-receive efficiency tests. If telephone failed tests-- a. Informed the repairer. b. Provided technical assistance, if needed.	—	—
5. Ensured appropriate maintenance forms were completed. a. Completed "Inspected by" block of DA Form 5990-E and ensured that DA Form 2407-1 was completed by the skill level (SL) 1 soldier. b. Completed blocks 37a, b, c, and d of DA Form 2407.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References**

**Required**

DA Form 2404  
DA Form 2407  
DA Form 2407-1  
DA Form 3999-4  
DA Form 5988-E  
DA Form 5990-E  
DA Pam 750-8  
TM 11-5805-201-12  
TM 11-5805-201-23P  
TM 11-5805-201-35  
TM 11-5805-243-13

**Related**

**Perform Final Inspection of AN/TTC-41 ( V )  
093-94F-2015**

**Conditions:** In a contemporary operating environment, given a repaired automatic switch AN/TCC-41, SB-3614A(V)/TT switchboard, TM 11-5805-693-12, TM 11-5805-693-34, TM 11-5805-693-34P, DA Pamphlet 750-8, DA Form 2404 (Equipment Inspection and Maintenance Worksheet), DA Form 2407 (Maintenance Request), DA Form 2407-1 (Maintenance Request Continuation Sheet), DA Form 3999-4 (Maintenance Work Request Envelope), DA Form 5988-E (Equipment Inspection Maintenance Worksheet [EGA]), and DA Form 5990-E (Maintenance Request [EGA]).

**Standards:** Perform final inspection on repaired Automatic Switch AN/TTC-41, provide technical assistance, if necessary, and ensure that the appropriate maintenance forms were completed.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO-GO</u></b>
1. Reviewed the Symptoms listed in blocks 14 and 24 of DA Form 2407 or Malfunctions/Remarks block of DA Form 5990-E.	—	—
2. Ensured that DA Form 5990-E was supported by DA Form 2407-1 and all appropriate blocks were completed in accordance with DA Pamphlet 750-8.	—	—
3. Performed power distribution and operation function test. If AN/TTC-41 failed test-- a. Informed repairer. b. Provided technical assistance, if necessary.	—	—
4. Performed circuit breaker and switches test. If AN/TTC-41 failed test-- a. Informed repairer. b. Provided technical assistance, if necessary.	—	—
5. Performed signal wiring and components installation test. If AN/TTC-41 failed test-- a. Informed repairer. b. Provided technical assistance, if necessary.	—	—
6. Performed system test. If AN/TTC-41 failed test-- a. Informed repairer. b. Provided technical assistance, if necessary.	—	—
7. Ensured appropriate maintenance forms were completed. a. Completed "Inspected by" block of DA Form 5990-E and ensured that DA Form 2407-1 was completed by the skill level (SL) 1 soldier. b. Completed blocks 37a, b, c, and d of DA Form 2407.	—	—
8. Returned AN/TTC-41 to owning organization.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References**

**Required**

DA Form 2404  
DA Form 2407  
DA Form 2407-1  
DA Form 3999-4  
DA Form 5988-E  
DA Form 5990-E  
DA Pam 750-8  
TM 11-5805-693-12  
TM 11-5805-693-34  
TM 11-5805-693-34P

**Related**

**Perform Final Inspection of Telephone Set TA-1035/TT  
093-94F-2016**

**Conditions:** In a contemporary operating environment, given a repaired TA-1035/U telephone, TM 11-5805-201-12, TM 11-5805-201-34, DA Pamphlet 750-8, DA Form 2404 (Equipment Inspection and Maintenance Worksheet), DA Form 2407 (Maintenance Request), DA Form 2407-1 (Maintenance Request Continuation Sheet), and/or DA Form 5990-E (Maintenance Request [EGA]).

**Standards:** Perform final inspection on repaired telephone TA-1035/U, provide technical assistance if necessary, and ensure that the appropriate maintenance forms were completed.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO-GO</b></u>
NOTE: The DNVT TA-1035/U requires power by providing a potential difference of 24 to +56 Volts between the transmit-and-receive pairs of the DNVT four-wire interface. This voltage power was required to perform the performance test outline in TM 11-5805-761-13&P.		
1. Reviewed the Symptoms listed in blocks 14 and 24 of DA Form 2407 or Malfunctions/Remarks block of DA Form 5990-E.	_____	_____
2. Ensured that DA Form 5990-E was supported by DA Form 2407-1 and all appropriate blocks were completed in accordance with DA Pamphlet 750-8.	_____	_____
3. Performed physical inspection of telephone.	_____	_____
4. Performed performance test	_____	_____
a. Dial tone test. If test failed--		
(1) Informed the repairer.		
(2) Provided technical assistance, if necessary.		
b. Performed signaling, ringing test. If telephone failed--		
(1) Informed the repairer.		
(2) Provided technical assistance, if necessary.		
c. Performed transmission test. If test failed--		
(1) Informed the repairer.		
(2) Provided technical assistance, if necessary.		
5. Ensured appropriate maintenance forms were completed.	_____	_____
a. Completed "Inspected by" block of DA Form 5990-E and ensured that DA Form 2407-1 was completed by the skill level (SL) 1 soldier.		
b. Completed blocks 37a, b, c, and d of DA Form 2407.		
6. Returned TA-1035/U to owning unit.	_____	_____

**Evaluation Guidance:** Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

**References**

<b>Required</b>	<b>Related</b>
DA Form 2404	
DA Form 2407	
DA Form 2407-1	
DA Form 3999-4	
DA Form 5988-E	
DA Form 5990-E	
DA Pam 750-8	
TM 11-5805-761-13&P	

Skill Level 3

Subject Area 13: Administration

**Inspect Section/Shop Safety**

**093-SSG-3001**

**Conditions:** In a contemporary operating environment, given a requirement to inspect an electronics or avionics maintenance shop area and given AR 40-5, AR 385-10, DA Pamphlet 40-501, DA Pamphlet 385-1, TB 385-3, TB 385-4, TB Med 523, unit and local standing operating procedures (SOPs), and unit safety checklist. This task can be performed in a field or garrison environment.

**Standards:** Conduct inspection to ensure that all Army, company, and maintenance shop safety policies, regulations, and local SOPs were followed; all safety hazards were identified; environmental risk assessment to determine high risks areas was performed; and all deficiencies were corrected. Establish an inspection schedule covering what to inspect and how frequently. Record deficiencies and recommended corrective actions and retained these reports to check progress. Follow up to ensure deficiencies had been corrected.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO-GO</u></b>
1. Reviewed the Army, company, and maintenance shop safety policies, regulations, and local SOPs.	—	—
2. Ensured that all of the Army safety references and company and maintenance shop SOPs were being followed.	—	—
3. Planned inspections so that all areas were covered periodically.	—	—
a. Identified hazards to the environment prior to the inspection process.		
b. Assessed the probability of environmental damage/violations using environmental risk assessment matrices before the inspection process.		
4. Scheduled the inspection so that normal operations were disrupted as little as possible.	—	—
5. Inspected areas with the greatest potential for accident severity and those having the highest accident frequency more frequently.	—	—
6. Developed a suitable checklist of items to be inspected in accordance with AR 385-10, AR 40-5, DA Pamphlet 40-501, DA Pamphlet 385-1, TB 385-3, TB 385-4, TB Med 523, and maintenance section/shop SOPs.	—	—
7. Inspected the maintenance section/shop to ensure that all test equipment calibration dates were current.	—	—
8. Inspected the maintenance section/shop to ensure that all equipment and benches were properly grounded.	—	—
9. Inspected the maintenance section/shop to ensure that a mounted safety board was present.	—	—
10. Inspected the maintenance section/shop to ensure that rubber floor mats or similar insulating materials were provided for each repair position.	—	—
11. Inspected the maintenance section/shop to ensure that all power attachments, plugs, and connectors were serviceable with no exposed parts carrying electric current except the prongs.	—	—

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO-GO</u></b>
12. Inspected the maintenance section/shop to ensure that all physical and high-voltage hazards had been identified.	—	—
13. Inspected the maintenance section/shop to ensure it was complying with host nation, local, state, and federal environmental laws and regulations.	—	—
14. Briefed the chain of command on the results, potential high-risk areas, and recommendations from the safety inspection.	—	—
15. Identified all safety hazards and took corrective action.	—	—
16. Ensured that any deficiencies found were corrected.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

**References**

**Required**

AR 385-10  
 AR 40-5  
 DA Pam 385-1  
 DA Pam 40-501  
 TB 385-3  
 TB 385-4  
 TB MED 523

**Related**

AR 200-1  
 AR 385-40  
 DA Pam 200-1  
 FM 3-04.500  
 FM 4-30.3  
 TB 43-0129  
 TC 3-34.489

**Manage Section/Shop Security**  
**093-SSG-3002**

**Conditions:** In a contemporary operating environment, given AR 25-2, AR 190-13, AR 380-5, AR 380-40, DA Pamphlet 190-51, FM 3-19.30, and local and unit standing operating procedures (SOPs). This task can be performed in a field or garrison environment.

**Standards:** Ensure that all Army security policies and regulations and the maintenance shop and local SOPs were followed. Identify and report all security deficiencies and ensured that all deficiencies were corrected.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO-GO</u></b>
1. Reviewed all of the Army security policies and regulations and the maintenance shop and local SOPs.	—	—
2. Ensured a work place risk analysis was performed.	—	—
3. Ensured that physical security policies, regulations, and SOPs were followed.	—	—
4. Ensured that classification and marking policies were followed.	—	—
5. Ensured that all security control policies and regulations were followed.	—	—
6. Ensured that personnel security and signal training policies were followed. <ul style="list-style-type: none"> <li>a. Initial security training and briefing for newly assigned personnel.</li> <li>b. Refresher security training for assigned personnel.</li> <li>c. Procedures for identifying and reporting insecurities.</li> </ul>	—	—
7. Ensured that signal security (SIGSEC) policies and regulations were followed. <ul style="list-style-type: none"> <li>a. Ensured subordinates followed all Army and unit policies and regulations covering communications security (COMSEC) procedures.</li> <li>b. Ensured subordinates followed all Army and unit policies and regulations covering electronics security (ELSEC) procedures.</li> </ul>	—	—
8. Identified and reported all security deficiencies and ensured that all deficiencies were corrected.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

**References**

<b>Required</b>	<b>Related</b>
AR 190-13	AR 5-12
AR 25-2	DA Pam 25-380-2
AR 380-40	FM 24-33
AR 380-5	FM 34-60
DA Pam 190-51	FM 4-30.3
FM 3-19.30	

**Maintain Section/Shop Calibration Program  
093-SSG-3003**

**Conditions:** In a contemporary operating environment, given the maintenance section/shop calibration program, to include test, measurement, and diagnostic equipment (TMDE) master listing for the program; DA Form 3758-R (Calibration and Repair Requirements Worksheet); DA Label 80 (US Army Calibrated Instrument); TB 43-180; TB 750-25; and company standing operating procedures (SOPs). This task can be performed in a field or garrison environment.

**Standards:** Maintain a master listing for all calibrated equipment assigned to the maintenance section/shop in accordance with TB 43-180, TB 750-25, and company SOPs. Review the section/shop calibration listing for equipment due calibration on a monthly basis and update status of all calibration equipment still turned in to the calibration support unit.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO-GO</b></u>
1. Identified all equipment listed on section/shop hand receipts that might require a calibration label. <ul style="list-style-type: none"> <li>a. Test equipment.</li> <li>b. Equipment modules.</li> <li>c. Dummy loads.</li> <li>d. Voltage test probes.</li> <li>e. Radiation detection, indication, and computation (RADIAC) equipment.</li> <li>f. Motor pool equipment.</li> <li>g. Power supplies.</li> </ul>	—	—
2. Determined which equipment identified was listed in TB 43-180. <ul style="list-style-type: none"> <li>a. Equipment that required calibration.</li> <li>b. Calibration not required (CNR) equipment.</li> </ul>	—	—
3. Prepared DA Form 3758-R if any new equipment not listed in TB 43-180 required calibration.	—	—
4. Maintained a master listing for all calibrated items in the maintenance section/shop.	—	—
5. Scheduled equipment for calibration. <ul style="list-style-type: none"> <li>a. Staggered like equipment, when possible, so that equipment was always available on site.</li> <li>b. Assigned a higher priority for critical TMDE, when necessary.</li> <li>c. Scheduled plug-in modules and accessories for calibration with the major piece of equipment.</li> <li>d. Reviewed signature cards and orders, as required locally, to update customer files and for the first appointment.</li> </ul>	—	—
6. Prepared CNR labels for remaining equipment, as required.	—	—
7. Turned in/picked up equipment from the calibration facility. <ul style="list-style-type: none"> <li>a. Turned in equipment with a minimum of accessories and covers.</li> <li>b. Obtained signed and dated receipt for equipment.</li> <li>c. Inspected equipment for damage and accessories before signing.</li> <li>d. Obtained calibration listings when available.</li> </ul>	—	—
8. Updated calibration listing. <ul style="list-style-type: none"> <li>a. Verified calibration due dates.</li> <li>b. Deleted entries.</li> <li>c. Added entries.</li> </ul>	—	—

**Performance Measures**

**GO**    **NO-GO**

9. Maintained a temporary storage area for calibrate before use (CBU) equipment.
- a. Identified CBU equipment as appropriate.
  - b. Identified a limited access storage area.
  - c. Prepared DA Label 80 for CBU.
  - d. Updated calibration listing for CBU items.
  - e. Stored equipment until required.
  - f. Had equipment calibrated prior to use.

\_\_\_\_\_    \_\_\_\_\_

**Evaluation Guidance:** Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

**References**

**Required**

- DA Form 3758-R
- DA LABEL 80
- TB 43-180
- TB 750-25

**Related**

**Submit a Quality Deficiency Report (QDR)  
093-SSG-3004**

**Conditions:** In a contemporary operating environment, given the requirement to submit a quality deficiency report for a serious or recurring maintenance problem and given AR 95-1, AR 725-50, DA Form 2404 (Equipment Inspection and Maintenance Worksheet), DA Form 2407 (Maintenance Request), DD Form 1575 (Suspended Tag-Materiel), DD Form 2332 (Product Quality Deficiency Report Exhibit), DA Pamphlet 750-8, DA Pamphlet 738-751, SF Form 368 (Product Quality Deficiency Report), and TB 43-0001-series. This task can be performed in a field or garrison environment.

**Standards:** Identify conditions that indicate a quality deficiency exists, prepare the appropriate report form, and identify and retain QDR exhibits that had been disposed of.

**Performance Measures** GO    NO-GO

NOTE: Follow steps 1 through 10 for all equipment except aviation equipment. For aviation equipment, follow steps 11 through 18.

- |   |   |   |
|---|---|---|
| 1. Identified one or more conditions that indicated a quality deficiency existed.   | — | — |
| a. A condition in or with the equipment dangerous to people, other equipment, or the mission.   |   |   |
| b. An item or equipment that did not work right or last as long as it should have because of bad design or materials.   |   |   |
| c. Items that were not within the approved equipment specifications.  |   |   |
| d. Low-quality workmanship.   |   |   |
| e. Dangerous situations due to incorrect or missing data.   |   |   |
| f. Maintenance problems.  |   |   |
| g. Conditions that prevented use of the equipment.  |   |   |
| h. Repeated problems that took a lot of time with no solutions in sight.  |   |   |
| i. Problems requested to be reported by the national maintenance point (NMP).   |   |   |
| j. Corrosion problems in or on parts, components, assemblies, weapon systems, and/or equipment.   |   |   |
| 2. Identified defect as a Category I or Category II deficiency.   | — | — |
| a. Identified as a Category 1 deficiency any defect that--  |   |   |
| (1) May have caused death, injury, or severe job illness.   |   |   |
| (2) Would have caused loss or major damage to a weapon system.  |   |   |
| (3) Would have critically restricted the combat readiness capabilities of the unit.   |   |   |
| b. Identified any defect as Category II deficiency that did not meet the criteria for a Category I deficiency.  |   |   |
| 3. Prepared appropriate QDR for Category I or Category II.  | — | — |
| a. Prepared Category I report in message format copy of SF Form 368 in accordance with DA Pamphlet 750-8.   |   |   |
| b. Prepared Category II report on SF Form 368 in accordance with DA Pamphlet 750-8.   |   |   |
| 4. Forwarded SF Form 368 to the major subordinate command (MSC) within 48 hours (Category I deficiencies) or 5 working days (Category II deficiencies) after the defect or problem was found. | — | — |
| NOTE: Category I reports may be phoned in or brought in for immediate assistance, with message following within the 48-hour time frame.   |   |   |
| 5. The MSC acknowledged receipt and began screening stocks within 24 hours of the report.   | — | — |

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO-GO</u></b>
6. Kept one copy of the SF Form 368 until the Army screening point closed the case.	—	—
7. Sent one copy of the SF Form 368 to the support maintenance activity. NOTE: Send SF Form 368 even if--	—	—
a. Correspondence indicates the problem is known to exist.		
b. Other units send in a QDR on the same problem.		
8. Identified defective equipment as exhibits.	—	—
9. Retained QDR exhibits in accordance with DA Pamphlet 750-8.	—	—
10. Followed disposition instructions received from the MSC action office responsible for the exhibits. NOTE: Follow steps 11 through 18 for preparation of QDRs on aviation equipment.	—	—
11. Identified any of the following conditions that indicated an aviation quality deficiency existed in accordance with DA Pamphlet 738-751, Chapter 3.	—	—
a. A condition involving personnel safety or safety of flight (SOF) as defined in AR 95-1.		
b. Suspected or confirmed materiel failure that caused a Class A, B, C, D, or E aircraft mishap.		
c. Materiel failure or fault that would cause a hazard to personnel or equipment or hinder safe completion of the mission.		
d. Equipment did not work properly because of bad design and/or materiel or low-quality workmanship during manufacture, modification, conversion, repair, overhaul, or rebuild.		
e. Environmental conditions that caused the failure of aircraft or aviation associated equipment, to include mission related equipment, components and modules, repair parts, systems, and/or subsystems.		
f. During initial test or use, found a defective stock funding of depot level repairables (SFDLR) item, and such defect was not caused by user accident, misuse, improper installation, and/or operation, unauthorized repair, or alteration.		
12. Identified deficiencies as Category I or Category II.	—	—
a. Identified any of the following as a Category I deficiency.		
(1) An unsafe condition, operation, or maintenance procedure for aircraft, mission related equipment, component and module, or repair part whose use was critical to airworthiness.		
(2) Any failure that could be expected to cause loss of the aircraft and/or serious injuries to the aircrew or ground personnel.		
(3) The reason for failure, identified or suspected, did not provide enough warning for the aircrew to complete a safe landing, and it was reasonable to assume that the problem could be present in other aircraft of the mission, design, and series (MDS).		
(4) Incorrect or missing data in technical publications that may have caused a hazardous operational or maintenance problem.		
b. Identified as a Category II deficiency any defect that did not meet the criteria for a Category I deficiency.		
13. Prepared SF Form 368 for Category I or Category II deficiency in accordance with DA Pamphlet 738-751, Chapter 3.	—	—
14. Submitted a Category I or Category II report in accordance with DA Pamphlet 738-751.	—	—

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO-GO</u></b>
15. Distributed file copies of the SF Form 368 in accordance with DA Pamphlet 738-751.	—	—
NOTE: Send SF Form 368 even if --		
a. Manufacturer representatives have shown that they are aware of the problem.		
b. Another unit within your command has already sent a deficiency report on the same problem.		
16. Identified defective equipment as exhibits.	—	—
17. Received acknowledgment of receipt of Category I report within 48 hours or Category II report within 7 days from Aviation and Missile Command (AMCOM). The acknowledgement included the disposition instructions for exhibits.	—	—
18. Followed disposition instructions received from the AMCOM action office for the exhibits.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

#### References

##### Required

AR 725-50  
 AR 95-1  
 DA Form 2404  
 DA Form 2407  
 DA Pam 750-8  
 DD Form 1575  
 DD Form 2332  
 SF Form 368  
 TB 43-0001-SERIES

##### Related

AR 702-7  
 AR 702-7-1  
 DA Pam 738-751

**Submit Equipment Improvement Recommendation (EIR)  
093-SSG-3005**

**Conditions:** You have found a better way to repair a piece of electronic equipment. In a contemporary operating environment, submit an equipment improvement recommendation (EIR) given the following: AR 672-20, DA Pamphlet 750-8, and SF Form 368 (Product Quality Deficiency Report). This task can be performed in a field or garrison environment.

**Standards:** Prepare the appropriate report forms for a recommended equipment improvement and check AR 672-20 to see if the EIR qualified as a suggestion.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO-GO</u></b>
1. Identified conditions that indicated a need to improve the performance and/or maintenance of equipment.	—	—
a. A condition in or with the equipment that was dangerous to people, other equipment, or the mission.		
b. An item or piece of equipment that did not work right or last as long as it should because of bad design or materials.		
c. Items that were not within the approved equipment specifications.		
d. Low quality workmanship.		
e. Dangerous situations due to incorrect or missing data.		
f. Maintenance problems.		
g. Conditions that prevented using the equipment.		
h. Repeated problems that took a lot of time with no solutions in sight.		
i. Problems requested to be reported by the national maintenance point (NMP).		
2. Reported Category I or Category II recommendations for improvements.	—	—
a. Reported Category I recommendations for any of the following improvements.		
(1) Improvements that prevent death, injury, or severe job illness.		
(2) Improvements that prevent loss or major damage to equipment.		
(3) Improvements that will affect the combat readiness capabilities of the unit.		
b. Reported as a Category II recommendation any recommendation that does not meet the criteria of a Category I equipment improvement recommendation.		
3. Sent in a Category I or Category II equipment improvement recommendation.	—	—
a. Prepared SF Form 368 in accordance with DA Pamphlet 750-8, Chapter 10.		
b. Sent a message within 48 hours (Category I recommendation) or 5 days (Category II recommendation) after defect or problem was found.		
c. Kept one copy of the SF Form 368 until the Army screening point closed the case.		
d. Sent one copy of the SF Form 368 to the support maintenance activity.		
4. Checked AR 672-20 to see if the EIR qualified as a suggestion.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

**References**

**Required**

AR 672-20  
DA Pam 750-8  
SF Form 368

**Related**

DA Pam 738-751

**Plan Work Flow  
093-SSG-3006**

**Conditions:** In a contemporary operating environment, given DA Form 2407s (Maintenance Request) or DA Form 5990-Es (Maintenance Request [EGA])/job packets with various issue priority designators, a visible index file showing the shop workload summary, and TM 38-L09-11. This task can be performed in a field or garrison environment.

**Standards:** Distribute all DA Form 2407s or DA Form 5990-Es/job packets by issue priority designators, highest priorities first. Ensure the visible index file was up to date, legible, and complete according to TM 38-L09-11.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO-GO</u></b>
1. Arranged the DA Form 2407s/DA Form 5990-Es/job packets by issue priority designators, highest priorities first.	—	—
2. Used the DA Form 2407s/DA Form 5990-Es/job packets in the same order to assign jobs to repairers.	—	—
3. Monitored work as the jobs went through the repair process.	—	—
4. Assigned new jobs to the repairers as they completed those assigned.	—	—
5. Reviewed all paperwork within the job packets for completeness.	—	—
6. Updated the visible index file.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

**References**

**Required**

DA Form 2407  
DA Form 5990-E  
TM 38-L09-11

**Related**

DA Form 2407-1  
DA Pam 738-751  
DA Pam 750-8  
FM 4-30.3

**Direct Performance of Preventive Maintenance**  
**093-SSG-3007**

**Conditions:** In a contemporary operating environment, given personnel to perform preventive maintenance, DA Form 2408-14 (Uncorrected Fault Record), DA Form 2404 (Equipment Inspection and Maintenance Worksheet) or DA Form 5988-E (Equipment Inspection Maintenance Worksheet [EGA]), DD Form 314 (Preventive Maintenance Schedule and Record), DA Pamphlet 750-8, DA Pamphlet 738-751, equipment, and vehicle -10 series technical manuals (TMs). This task can be performed in a field or garrison under normal, extreme heat, and extreme cold environment conditions.

NOTE: All the information from DA Form 2408-14 is now included in DA Form 5988-E.

**Standards:** Perform all preventive maintenance checks and services (PMCS) according to the applicable -10 series TMs. Complete DA Form 2404 or DA Form 5988-E and DA Form 2408-14 and DD Form 314 according to DA Pamphlet 750-8 or DA Pamphlet 738-751.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO-GO</u></b>
1. Coordinated with the motor pool section prior to performing section/shop vehicle PMCS.	—	—
2. Reviewed the DD Form 314 and the applicable -10 series TMs to conduct weekly vehicle PMCS.	—	—
a. Identified which PMCS service operation must be performed.		
b. Identified each piece of equipment for which operation under conditions inspection must be performed.		
(1) Operation Under Usual Conditions.		
(2) Operation Under Unusual Conditions.		
(a) Operation in extreme cold weather.		
(b) Operation in extreme heat weather.		
(c) Operation in dusty or sandy areas.		
(d) Operation under rainy or humid conditions.		
3. Identified hazards to the environment before starting preventive maintenance.	—	—
4. Assigned jobs and ensured that repairers knew what PMCS must be performed.	—	—
5. Spot-checked the work being performed and ensured that the repairers were using the applicable TMs.	—	—
6. Assessed the probability of environmental damage/violations using environmental risk assessment matrices during preventive maintenance.	—	—
7. Spot-checked corrective actions taken for all defects listed on DA Form 2404.	—	—
8. Coordinated with the maintenance sergeant to repair vehicles requiring services beyond the driver's responsibility.	—	—
a. Ensured the repairer placed a drip pan under any equipment leaking fluids onto the ground.		
b. Made sure parts needed for repair that were not available were entered on DA Form 5988-E or DA Form 2408-14.		
9. Checked the DD Form 314 for correctness.	—	—
10. Reported vehicle status to section/shop supervisor.	—	—
11. Briefed the chain of command on any observed environmental potentially high-risk areas during preventive maintenance.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

**References**

**Required**

DA Form 2404  
DA Form 2408-14  
DA Form 5988-E  
DA Pam 738-751  
DA Pam 750-8  
DD Form 314

**Related**

AR 200-1  
DA Pam 200-1  
FM 4-30.3  
TC 3-34.489

**Provide Technical Assistance to Repairers**  
**093-SSG-3008**

**Conditions:** A repairer in the electronics/avionics maintenance shop requires technical assistance. In a contemporary operating environment, given DA Form 2404 (Equipment Inspection and Maintenance Worksheet) or DA Form 5988-E (Equipment Inspection Maintenance Worksheet [EGA]), DA Form 2407 (Maintenance Request) or DA Form 5990-E (Maintenance Request [EGA]), DA Pamphlet 750-8, DA Pamphlet 738-751, and TB 385-4, provide needed assistance to the repairer. This task can be performed in a field or garrison environment.

**Standards:** Provide technical assistance that will enable the repairer to perform repair procedures correctly.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO-GO</b></u>
1. Determined the type of assistance needed by the repairer, such as isolating the malfunction, repairing the malfunction, or making proper entries on the paperwork.	—	—
2. Reviewed DA Form 2404 or DA Form 5988-E and DA Form 2407 or DA Form 5990-E to determine reason for maintenance or repair.	—	—
3. Verified repairer observed WARNING, CAUTION, and NOTE statements in applicable references and observed all safety precautions.	—	—
4. Reviewed the repair procedures performed by the repairer.	—	—
5. Provided technical assistance to the repairer.	—	—
6. Counseled repairer on areas of technical weakness.	—	—
7. Recommended technical material and training to increase repairer's expertise.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

**References**

<b>Required</b>	<b>Related</b>
DA Form 2404	
DA Form 2407	
DA Form 5988-E	
DA Form 5990-E	
DA Pam 738-751	
DA Pam 750-8	
TB 385-4	

**Perform Initial Inspections**

**093-SSG-3009**

**Conditions:** In a contemporary operating environment, given applicable technical manuals (TMs), the equipment to be inspected, DA Form 2404 (Equipment Inspection and Maintenance Worksheet) or DA Form 5988-E (Equipment Inspection Maintenance Worksheet [EGA]), DA Form 2407 (Maintenance Request) or DA Form 5990-E (Maintenance Request [EGA]), DA Pamphlet 750-8, and DA Pamphlet 738-751. This task can be performed in a field or garrison environment.

**Standards:** Perform the initial inspection, ensuring that the equipment was repairable according to the applicable TMs; identify all defects, and complete all maintenance forms according to DA Pamphlet 750-8 or DA Pamphlet 738-751.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO-GO</u></b>
1. Checked submitted paperwork for completeness and accuracy.	—	—
2. Inspected the equipment for physical damage and determined if it was feasible to repair the equipment.	—	—
3. Ensured that operator maintenance had been performed on the equipment.	—	—
4. Inventoried the equipment to ensure that it was complete.	—	—
5. Ensured that all modification work orders (MWOs) had been completed.	—	—
6. Performed self-tests or checks on the equipment, if necessary.	—	—
7. Recorded all defects or reasons for rejecting the equipment on DA Form 2404 or DA Form 5988-E.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

**References**

**Required**

DA Form 2404  
 DA Form 2407  
 DA Form 5988-E  
 DA Form 5990-E  
 DA Pam 738-751  
 DA Pam 750-8

**Related**

DA Pam 750-1  
 FM 4-30.3  
 TM 750-245-4

**Perform Final Inspections**  
**093-SSG-3010**

**Conditions:** In a contemporary operating environment, given applicable technical manuals (TMs), equipment to be inspected, DA Form 2404 (Equipment Inspection and Maintenance Worksheet) or DA Form 5988-E (Equipment Inspection Maintenance Worksheet [EGA]), DA Form 2407 (Maintenance Request) or DA Form 5990-E (Maintenance Request [EGA]), DA Pamphlet 750-8, and DA Pamphlet 738-751. This task can be performed in a field or garrison environment.

**Standards:** Perform final inspection. Ensure that equipment was complete according to applicable TMs, all defects identified in previous inspections had been corrected, any additional defects had been recorded on DA Form 2404 or DA Form 5988-E, and all forms had been completed according to DA Pamphlet 750-8 or DA Pamphlet 738-751.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO-GO</b></u>
1. Checked the equipment to determine if it was complete and that all defects found on the initial and in-process inspections had been corrected.	—	—
2. Ensured that all forms and records were complete and correct.	—	—
3. Recorded any additional defects on DA Form 2404 or DA Form 5988-E and returned the equipment to production control.	—	—
4. Signed and dated DA Form 2407 or DA Form 5990-E when the equipment passed inspection.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

**References**

**Required**

- DA Form 2404
- DA Form 2407
- DA Form 5988-E
- DA Form 5990-E
- DA Pam 738-751
- DA Pam 750-8

**Related**

- DA Pam 750-1
- FM 4-30.3
- TM 750-245-4

**Write a Standing Operating Procedure (SOP)**  
**093-SSG-3011**

**Conditions:** In a contemporary operating environment, given the unit's old standing operating procedure (SOP), AR 750-1, DA Pamphlet 600-67, FM 4-30.3 (FM 9-43-1), FM 24-16, FM 5-0, and TC 43-4. This task can be performed in a field or garrison environment.

**Standards:** Write a new SOP that was reviewed by the supervisor/commander and approved by the commander/supervisor. Implement all recommended changes.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO-GO</u></b>
1. Developed a basic SOP format to ensure it met organization/element specific needs and/or requirements for the maintenance facility.	—	—
a. Purpose statement.		
b. Scope statement.		
c. Organization statement.		
d. Conformity statement.		
e. References.		
f. Annexes.		
2. Included guidance in the SOP on the following as they pertained only to the maintenance facility.	—	—
a. Personnel administration.		
b. Security.		
c. Security and intelligence.		
d. Area security.		
e. Physical security of weapons and property.		
f. Safety program.		
g. Maintenance operations.		
h. Management of hand receipts.		
i. Standard warnings.		
j. Alert procedures.		
k. Chemical, biological, radiological, nuclear (CBRN) warfare.		
l. Defense against nuclear attack.		
m. Logistics.		
n. Motor pool operations.		
o. Motor movement and traffic control.		
p. Tactical operations.		
3. Ensured that all references used were current.	—	—
4. Staffed the draft through the supervisor/commander.	—	—
5. Implemented any approved SOP changes.	—	—
6. Had the supervisor/commander sign the final version of the SOP.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

**References**

**Required**

AR 750-1  
DA Pam 600-67  
FM 24-16  
FM 4-30.3  
FM 5-0  
TC 43-4

**Related**

**Perform In-Process Inspections**  
**093-SSG-3012**

**Conditions:** In a contemporary operating environment, given applicable inspection forms and technical manuals (TMs), DA Pamphlet 750-8, and DA Pamphlet 738-751, conducts in-process inspection of a repairer performing repairs on equipment. This task can be performed in a field or garrison environment.

**Standards:** Perform in-process inspection. Ensure that the proper tools and equipment were being used and all safety rules and warnings were being followed according to applicable TMs. Complete all forms according to DA Pamphlet 750-8 or DA Pamphlet 738-751 and report inspection results.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO-GO</b></u>
1. Ensured that the proper tools and equipment were used.	—	—
2. Ensured that the proper repair procedures were followed.	—	—
3. Ensured that only authorized repair parts and supplies were used.	—	—
4. Ensured that only authorized repairs were performed on the equipment.	—	—
5. Ensured that only authorized personnel made the repairs.	—	—
6. Ensured that all safety rules and warnings were followed.	—	—
7. Ensured that all forms were filled out correctly.	—	—
8. Made an oral or written report of the inspection to the repair section chief and the quality control section supervisor.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

**References**

**Required**  
DA Pam 738-751  
DA Pam 750-8

**Related**  
FM 4-30.3  
TM 750-245-4

**Maintain Property Accountability  
093-SSG-3013**

**Conditions:** In a contemporary operating environment, perform this task given a quarterly review of all hand receipts with hand receipt holders in the maintenance section/shop, issued new equipment, and tagged unserviceable equipment for turn-in, AR 25-400-2, AR 710-2, DA Form 2062 (Hand Receipt/Annex Number), DA Pamphlet 710-2-1, hand receipts, applicable equipment, and applicable technical manuals (TMs). This task can be performed in a field or garrison environment.

**Standards:** Issue supplies and equipment to hand receipt holders while maintaining property and supply accountability.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO-GO</b></u>
1. Notified hand receipt holders of quarterly inventory.	—	—
2. Reviewed file copies of all hand receipts and signature cards for each maintenance section/shop.	—	—
3. Assembled all new equipment to be issued into separate groups for issuing to hand receipt holders during the quarterly inventory.	—	—
4. Issued new equipment to hand receipt holders before inventorying.	—	—
5. Inventoried hand receipts.	—	—
6. Updated each hand receipt holder's equipment shortage list, as needed.	—	—
7. Ensured that only authorized personnel on the hand receipt holder signature card signed the hand receipt.	—	—
8. Ensured that all forms were filled out correctly.	—	—
9. Filed hand receipts in appropriate hand receipt holder files.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

**References**

- Required**
- AR 25-400-2
- AR 710-2
- DA Form 2062
- DA Pam 710-2-1

**Related**

**Assess Battlefield Damage**  
**093-SSG-3014**

**Conditions:** In a contemporary operating environment, supervise the performance of an organizational maintenance team or a direct support (DS) maintenance support team (MST) performing battlefield assessment. Given a disabled vehicle or equipment; repairers to assess the equipment; applicable technical manuals (TMs) -10, -20, -30, repair parts manuals, and tool kits; DA Form 2404 (Equipment Inspection and Maintenance Worksheet) or DA Form 5988-E (Equipment Inspection Maintenance Worksheet [EGA]), DA Form 2407 (Maintenance Request) or DA Form 5990-E (Maintenance Request [EGA]), DA Pamphlet 750-8, DA Pamphlet 738-751, DD Form 1577 (Unserviceable (Condemned) Tag - Materiel), DD Form 1577-1 (Unserviceable (Condemned) Label - Materiel), DD Form 1577-2 (Unserviceable (Repairable) Tag - Materiel), DD Form 1577-3 (Unserviceable (Repairable) Label - Materiel), FM 4-30.3 (FM 9-43-1), and FM 9-43-2. This task can be performed in a field or garrison environment.

**Standards:** Supervise the organizational maintenance team or DS MST that identified and performed repairs needed to restore a disabled piece of equipment to the minimum essential combat capabilities necessary to support a specific combat mission or to enable the equipment to self-recover. Complete all required paperwork according to DA Pamphlet 750-8, DA Pamphlet 738-751, FM 4-30.3 (FM 9-43-1), and FM 9-43-2.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO-GO</u></b>
1. Briefed the organizational maintenance team or DS MST on the upcoming mission to assess battlefield damage.	—	—
a. Identified point of contact at unit/site.		
b. Identified the equipment that was to be assessed for battlefield damage.		
c. Identified the equipment that was needed for the upcoming mission.		
d. Explained logistics support.		
e. Planned primary and secondary routes to unit.		
f. Ensured team received a copy of supported units' radio frequencies and call signs.		
2. Monitored assigned personnel to the team according to their qualifications and availability to meet the mission needs.	—	—
3. Arranged for transportation to the site.	—	—
4. Ensured that the proper battlefield assessment procedures were followed.	—	—
a. Reviewed the operator/crew assessment and the safety checks made.		
b. Interviewed the operator/crew, if available.		
c. Conducted visual inspection.		
d. Performed self-test.		
e. Tested equipment with the organizational/DS maintenance equipment.		
5. Ensured the MST provided technical assistance to the organizational maintenance team, as required.	—	—
6. Ensured the MST prioritized repairs according to battlefield damage time guidelines.	—	—

**Performance Measures**

	<u>GO</u>	<u>NO-GO</u>
7. Ensured that all required maintenance forms were filled out correctly in accordance with DA Pamphlet 750-8 and DA Pamphlet 738-751.	—	—
a. DA Form 2404 or DA Form 5988-E.		
b. DA Form 2407 or DA Form 5990-E.		
c. DD Form 1577.		
d. DD Form 1577-1.		
e. DD Form 1577-2.		
f. DD Form 1577-3.		
8. Ensured a system assessment summary was filled out correctly and turned in.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

**References****Required**

DA Form 2404  
 DA Form 2407  
 DA Form 5988-E  
 DA Form 5990-E  
 DA Pam 738-751  
 DA Pam 750-8  
 DD Form 1577  
 DD Form 1577-1  
 DD Form 1577-2  
 DD Form 1577-3  
 FM 4-30.3  
 FM 9-43-2

**Related**

FM 4-30.3  
 TM 750-245-4

**Manage Demand Supported Repair Parts Listed on the Prescribed Load List (PLL)  
093-SSG-3015**

**Conditions:** In a contemporary operating environment, conduct this task during the normal performance of your daily duties within an electronics/avionics maintenance shop. Manage demand supported repair parts for an electronics/avionics maintenance shop given AR 710-2, DA Pamphlet 710-2-1, DA Form 2063-R (Prescribed Load List), DA Form 2064 (Document Register for Supply Actions), DA Form 3318 (Records of Demands-Title Insert), copy of Federal Logistics (FEDLOG) discs, unit's initial mandatory parts list (IMPL), unit's prescribed load list (PLL), and technical parts manuals. This task can be performed in a field or garrison environment.

**Standards:** Complete review and correct the PLL in accordance with the equipment technical parts manual, AR 710-2, and DA Pamphlet 710-2-1 for the electronics/avionics repair parts listed on the PLL.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO-GO</u></b>
1. Reviewed the unit's PLL for electronics/avionics maintenance shop's repair parts.	—	—
2. Verified that the electronics/avionics shop's repair parts qualify to be on the PLL list.	—	—
3. Reviewed demand supported unit maintenance repair parts documents and ensured they met the following: <ul style="list-style-type: none"> <li>a. Three demands were made within the control period of 180 days for Active Army.</li> <li>b. Parts were essential and had a maintenance use code of "O" (except for nontactical telecommunications systems, air traffic control, or lifesaving systems).</li> </ul>	—	—
4. Reviewed non-demand supported unit maintenance repair parts documents and ensured they met the following: <ul style="list-style-type: none"> <li>a. Approval by the first general officer staff level in the chain of command required in order to stock.</li> <li>b. Parts essential, with a maintenance use code of "O" (except for nontactical telecommunications systems, air traffic control, or lifesaving systems).</li> </ul>	—	—
5. Reviewed the initial stockage of repair parts for newly introduced end items as identified by the support list allowance card (SLAC) deck. <ul style="list-style-type: none"> <li>a. The stockage level will not be reduced the first year.</li> <li>b. If the end item is under warranty, the first year (as stipulated above) will begin upon expiration of warranty.</li> </ul>	—	—
6. Reviewed the mandatory stockage of repair parts as identified in the IMPL.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

**References**

**Required**

AR 710-2  
DA Form 2063-R  
DA Form 2064  
DA Form 3318  
DA Pam 710-2-1  
FEDLOG

**Related**

FM 4-30.3

**Monitor Bench Stock Operations  
093-SSG-3016**

**Conditions:** In a contemporary operating environment, perform this task given AR 710-2, DA Pamphlet 710-2-2, and a copy of Federal Logistics (FEDLOG) discs. This task can be performed in a field or garrison environment.

**Standards:** Maintain bench stock in accordance with AR 710-2 and DA Pamphlet 710-2-2.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO-GO</u></b>
1. Ensured that the bench stock was made up of low-cost expendable items.	—	—
2. Ensured that the bench stock was stored near the work area.	—	—
3. Ensured that bench stock replenishment tags and lists were maintained with the bench stock.	—	—
4. Ensured that bench stock was ordered on a prescribed schedule or as needed.	—	—
5. Ensured that the bench stock was ordered under the correct urgency of need designator (UND).	—	—
6. Ensured that the bench stock was reviewed semiannually.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

**References**

**Required**

AR 710-2  
DA Pam 710-2-2  
FEDLOG

**Related**

**Monitor Shop Stock Operations  
093-SSG-3017**

**Conditions:** In a contemporary operating environment, perform this task given a current copy of the shop stock list, AR 710-2, DA Pamphlet 710-2-2, and a copy of Federal Logistics (FEDLOG) discs. This task can be performed in a field or garrison environment.

**Standards:** Maintain the shop stock according to AR 710-2 and DA Pamphlet 710-2-2.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO-GO</u></b>
1. Ensured repair parts and consumables listed on the shop stock met the criteria listed in AR 710-2 and DA Pamphlet 710-2-2.	—	—
2. Ensured each item was demand supported.	—	—
3. Ensured stockage levels were developed in accordance with DA Pamphlet 710-2-2.	—	—
4. Ensured excess stocks were turned in within 10 days of review.	—	—
5. Ensured replenishment of stock was based on the reorder point (ROP).	—	—
6. Ensured controlled cryptographic item (CCI) repair parts required by communications security (COMSEC) maintenance activities for diagnostic purpose were hand-receipted on temporary loan.	—	—
7. Ensured the shop stock was inventoried during the scheduled review period.	—	—
8. Ensured the shop stock list was signed by the unit commander and submitted to the supply support activity (SSA).	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

**References**

**Required**  
AR 710-2  
DA Pam 710-2-2  
FEDLOG

**Related**

**Inspect Maintenance Support Team Operations  
093-SSG-3019**

**Conditions:** In a contemporary operating environment, perform this task given the necessary personnel to perform an electronics/avionics maintenance support team (MST) operation, DA Pamphlet 611-21, DA Pamphlet 750-8, DA Pamphlet 738-751, and FM 4-30.3 (FM 9-43-1). This task can be performed in a field or garrison environment.

**Standards:** Ensure the correct military occupational specialty holders were assigned to a support team, briefed, and provided with transportation.

<b>Performance Measures</b>	<u><b>GO</b></u>	<u><b>NO-GO</b></u>
1. Monitored assigned personnel according to their qualifications and availability.	—	—
2. Arranged for transportation to the site.	—	—
3. Briefed the support team on mission requirements.	—	—
a. Identified point of contact at unit.		
b. Identified equipment needed for the support mission.		
c. Explained logistics support.		
d. Planned primary and secondary routes to unit.		
e. Ensured team received a copy of supported units' radio frequencies and call signs.		
4. Provided technical assistance to the support team as required.	—	—
5. Ensured that all maintenance forms were filled out correctly.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

**References**

**Required**

- DA Pam 611-21
- DA Pam 738-751
- DA Pam 750-8
- FM 4-30.3

**Related**

- FM 3-25.26

**Inspect Maintenance Reporting and Management Data**  
**093-SSG-3020**

**Conditions:** As a senior repairer, one of your responsibilities is to inspect the paperwork used in an electronics/avionics maintenance facility. In a contemporary operating environment, you must inspect and manage all of the maintenance forms and records used in reporting the maintenance status of equipment repaired in the maintenance facility. If needed, the following forms, records, and publications will be available for each piece of equipment job-ordered: DA Form 2402 (Maintenance Tag), DA Form 2404 (Equipment Inspection and Maintenance Worksheet), DA Form 2405 (Maintenance Request Register), DA Form 2407 (Maintenance Request), DA Form 2407-1 (Maintenance Request Continuation Sheet), DA Form 2408-12 (Army Aviator's Flight Record), DA Form 2408-13 (Aircraft Status Information Record), DA Form 2408-13-1 (Aircraft Maintenance and Inspection Record), DA Form 2410 (Component Removal and Repair/Overhaul Record), DD Form 1574 (Serviceable Tag - Materiel), DD Form 1574-1 (Serviceable Label - Materiel), DD Form 1575 (Suspended Tag - Materiel), DD Form 1575-1 (Suspended Label - Materiel), DD Form 1576 (Test/Modification Tag - Materiel), DD Form 1576-1 (Test/Modification Label - Materiel), DD Form 1577 (Unserviceable (Condemned) Tag - Materiel), DD Form 1577-1 (Unserviceable (Condemned) Label - Materiel), DD Form 1577-2 (Unserviceable (Reparable) Tag - Materiel), DD Form 1577-3 (Unserviceable (Reparable) Label - Materiel), DA Pamphlet 750-8, and DA Pamphlet 738-751. This task can be performed in a field or garrison environment.

**Standards:** Inspect the electronics/avionics maintenance forms and records for errors and forms missing from the job packets.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO-GO</u></b>
1. Located closed-out and active job order packets within the electronics/avionics maintenance facility.	—	—
2. Matched all job-ordered equipment serial numbers with closed-out and active job packets within the electronics/avionics maintenance facility.	—	—
3. Ensured that all required forms and records were in the job order packets.	—	—
4. Verified that all forms and records within the job packets were properly completed.	—	—
5. Ensured that all discrepancies had been corrected.	—	—
6. Ensured that all forms and reports were distributed or filed in accordance with Department of the Army pamphlets and Army regulations.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

**References**

**Required**

DA Form 2402  
DA Form 2404  
DA Form 2405  
DA Form 2407  
DA Form 2407-1  
DA Form 2408-12  
DA Form 2408-13  
DA Form 2408-13-1  
DA Form 2410  
DA Pam 738-751  
DA Pam 750-8  
DD Form 1574  
DD Form 1574-1  
DD Form 1575  
DD Form 1575-1  
DD Form 1576  
DD Form 1576-1  
DD Form 1577  
DD Form 1577-1  
DD Form 1577-2  
DD Form 1577-3

**Related**

FM 4-30.3  
TM 38-L09-11

**Review SAMS-1 Reports  
093-SSG-3021**

**Conditions:** In a contemporary operating environment, perform this task given Standard Army Maintenance System-Level 1 (SAMS-1) installed, completed set of required SAMS-1 reports and forms, Automated Information System Manual (AISM) 25-L21-AHN-ZZZ-EM, DA Pamphlet 750-8, DA Pamphlet 738-751, and FM 4-30.3 (FM 9-43-1). This task can be performed in a field or garrison environment.

**NOTE:** This task may be performed in a chemical, biological, radiological, and nuclear (CBRN) environment.

**Standards:** Review all required SAMS-1 reports and forms and correct discrepancies according to AISM 25-L21-AHN-ZZZ-EM and DA Pamphlet 750-8 or DA Pamphlet 738-751. File all reports properly and forward copies, as required.

<b>Performance Measures</b>	<b><u>GO</u></b>	<b><u>NO-GO</u></b>
1. Ensured that all required SAMS-1 reports and forms required for electronics/avionics maintenance operations were being used.	—	—
2. Reviewed new copies of all SAMS-1 reports and forms needed to run the electronics/avionics maintenance operations.	—	—
3. Compared the previous SAMS-1 reports and forms with the newly printed reports and forms for discrepancies.	—	—
4. Reviewed the new SAMS-1 reports and forms for discrepancies.	—	—
5. Ensured that all discrepancies were corrected.	—	—
6. Ensured that all SAMS-1 reports and forms were distributed or filed in accordance with Army regulations.	—	—

**Evaluation Guidance:** Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

**References**

**Required**

- AISM 25-L21-AHN-ZZZ-EM
- DA Pam 738-751
- DA Pam 750-8
- FM 4-30.3

**Related**

**APPENDIX A****HANDS-ON EVALUATION (DA Form 5164-R)  
INSTRUCTIONS**

DA Form 5164-R (Hands-On Evaluation) allows the trainer to keep a record of the performance measures a soldier passes or fails on each task.

**Before evaluation:**

1. Obtain a blank copy of [DA Form 5164-R](#), that you may locally reproduce on 8 ½ x 11 paper.
2. Enter the task title and 10-digit number from the STP task summary.
3. In Column a, enter the performance measure numbers from the task summary.
4. In Column b, enter the performance measure corresponding to the number in Column a (you may abbreviate this information, if necessary).
5. Locally reproduce the partially completed form when evaluating more than one soldier on the task or when evaluating the same soldier more than once.

**During evaluation:**

1. Enter the date just before evaluating the soldier's task performance.
2. Enter the evaluator's name, the soldier's name, and the unit.
3. For each performance measure in Column b, enter a check in Column c (PASS) or Column d (FAIL), as appropriate.
4. Compare the number of performance measures the soldier passes (and, if applicable, which ones) against the task standards specified in the task summary. If the standards are met or exceeded, check the GO block under STATUS; otherwise, check the NO-GO block.

<b>HANDS-ON EVALUATION</b> For use of this form, see STP 11-25S14-SM-TG; the proponent agency is TRADOC		<b>DATE</b> 1 November 2004	
<b>TASK TITLE</b> Prepare an Equipment Maintenance Work Request		<b>TASK NUMBER</b> 101-92A-1113	
<b>ITEM</b> a	<b>PERFORMANCE STEP TITLE</b> b	<b>SCORE</b> (Check One)	
		<b>PASS</b> c	<b>FAIL</b> d
1.	Prepared a DA Form 2407 for direct support maintenance for a not mission capable (NMC) item of equipment.	<input checked="" type="checkbox"/> P	<input type="checkbox"/> F
2.	Prepared a DA Form 2407 for direct support maintenance requesting a Modification Work Order (MWO) to unit equipment.	<input type="checkbox"/> P	<input checked="" type="checkbox"/> F
3.	Prepared a DA Form 2407 for direct support maintenance requesting an estimated cost of damage (ECOD).	<input checked="" type="checkbox"/> P	<input type="checkbox"/> F
4.	Copied the work order request information from DA Form 2407 to DA Form 2405.	<input checked="" type="checkbox"/> P	<input type="checkbox"/> F
		<input type="checkbox"/> P	<input type="checkbox"/> F
		<input type="checkbox"/> P	<input type="checkbox"/> F
		<input type="checkbox"/> P	<input type="checkbox"/> F
		<input type="checkbox"/> P	<input type="checkbox"/> F
		<input type="checkbox"/> P	<input type="checkbox"/> F
		<input type="checkbox"/> P	<input type="checkbox"/> F
		<input type="checkbox"/> P	<input type="checkbox"/> F
		<input type="checkbox"/> P	<input type="checkbox"/> F
		<input type="checkbox"/> P	<input type="checkbox"/> F
		<input type="checkbox"/> P	<input type="checkbox"/> F
		<input type="checkbox"/> P	<input type="checkbox"/> F
<b>EVALUATOR'S NAME</b> SSG Powell		<b>UNIT</b> W Co., 244th QM Bn	
<b>SOLDIER'S NAME</b> PV2 Howard		<b>STATUS</b> <input type="checkbox"/> GO <input checked="" type="checkbox"/> NO GO	

SAMPLE

Figure A-1. Sample of a completed DA Form 5164-R

**APPENDIX B****FIELD EXPEDIENT SQUAD BOOK (DA Form 5165-R)  
INSTRUCTIONS**

DA Form 5165-R (Field Expedient Squad Book) allows the trainer to keep a record of task proficiency for a group of soldiers.

**Before evaluation:**

1. Obtain a blank copy of [DA Form 5165-R](#), which you may locally reproduce on 8 ½ x 11 paper.
2. Locally reproduce the partially completed form if you are evaluating more than nine soldiers.

**During evaluation:**

1. Enter the names of the soldiers you are evaluating, one name per column, at the top of the form.
2. Under STATUS, record (in pencil) the date in the GO block if the soldier demonstrated task proficiency to soldier's manual standards. Keep this information current by always recording the most recent date on which the soldier demonstrated task proficiency. Record the date in the NO-GO block if the soldier failed to demonstrate task proficiency to soldier's manual standards. Soldiers who failed to perform the task should be retrained and reevaluated until they can meet the standards. When the standards are met, enter the date in the appropriate GO block and erase the previous entry from the NO-GO block.

**After evaluation:**

1. Read down each column (GO/NO-GO) to determine the training status of an individual. This will give you a quick indication of which tasks a soldier needs training on.
2. Read across the rows for each task to determine the training status of all soldiers. You can readily see which tasks to focus training on.
3. Line through the STATUS column of any soldier who leaves the unit.

FIELD EXPEDIENT SQUAD BOOK		SHEET 1 OF 3									
USER APPLICATION		SOLDIER'S NAME									
STP 21-1-SMCT Soldier's Manual of Common Tasks		Hughes Murphy Smith Jones Gray									
TASK NUMBER AND TITLE	STATUS										
	GO	NO-GO	GO	NO-GO	GO	NO-GO	GO	NO-GO	GO	NO-GO	
071-326-0512 Estimate Range	4-17-04		3-17-04		3-17-04		3-17-04		4-2-04		
071-329-1001 Identifying Terrain	4-8-04		4-6-04		4-15-04		4-20-04		4-5-04		
071-311-2004 Battlefront Zone	4-6-04		4-6-04						5-8-04		
878-930-1001 Armored Vehicles	5-8-04		5-8-04								
071-329-1002 Grid Coordinates											
071-329-1003 Magnetic Azimuth											
071-311-2001 Mount Aerial Rifle											
071-503-1001 MOUNT AIR-SERIES											
081-503-1007 Dismounting											
031-503-1009 MOPP Gear											
081-831-1031 Buddy-Aid											
081-831-1005 Revert Shock											
081-831-1009 Frostbite											
071-326-0511 React to Forces											
071-325-4407 Employ Hand Grenades											
081-503-1033 Exchange MOPP Gear											
081-831-1005 Revert Shock											

SAMPLE

DA FORM 5165-R, JUL 2005

PREVIOUS EDITIONS ARE OBSOLETE.

APD VI.00

Figure B-1. Sample of a completed DA Form 5165-R

**GLOSSARY****Section I - Acronyms & Abbreviations**

<b>AIT</b>	Advanced Individual Training
<b>ACADA</b>	Automatic Chemical Agent Alarm
<b>ACCP</b>	Army Correspondence Course Program
<b>ADTDL</b>	Army Doctrine and Training Digital Library
<b>AIPD</b>	Army Institute for Professional Development
<b>AIMS</b>	automated information systems manual
<b>AMCOM</b>	Aviation and Missile Command
<b>AN</b>	annually
<b>ANCOC</b>	advanced noncommissioned officer course
<b>AR</b>	Army regulation
<b>ARIMS</b>	Army Records Information Management System
<b>ARTEP</b>	Army Training and Evaluation Program
<b>ATSC</b>	Army Training Support Command
<b>BA</b>	biannually
<b>BCT</b>	basic combat training
<b>BNC</b>	Bayonet Neill-Concelman
<b>BNCOC</b>	basic noncommissioned officer course
<b>BW</b>	biweekly
<b>CAM</b>	chemical agent monitor
<b>CBRN</b>	chemical, biological, radiological, and nuclear
<b>CBU</b>	calibrate before use
<b>CCI</b>	controlled cryptographic item
<b>CD-ROM</b>	compact disk-read only memory
<b>CNR</b>	calibration not required

<b>COMSEC</b>	communications security
<b>CTT</b>	common task test
<b>DA</b>	Department of the Army
<b>DA Form</b>	Department of the Army form
<b>DA Label</b>	Department of the Army label
<b>DA Pam</b>	Department of the Army pamphlet
<b>DAC</b>	digital to analog converter
<b>DC</b>	direct current
<b>DD</b>	Department of Defense
<b>DNVT</b>	digital nonsecure voice terminal
<b>DS</b>	direct support
<b>DTS</b>	diagnostic test set
<b>EGA</b>	enhanced graphics adapter
<b>EIR</b>	equipment improvement recommendation
<b>ELSEC</b>	electronic security
<b>ESD</b>	electrostatic discharge
<b>FEDLOG</b>	Federal Logistics
<b>FM</b>	field manual
<b>HQ TRADOC</b>	Headquarters, Training and Doctrine Command
<b>IBM</b>	International Business Machines
<b>ICAM</b>	improved chemical agent monitor
<b>ID</b>	identification
<b>IMPL</b>	initial mandatory parts list
<b>INSTI</b>	Institution
<b>LCU</b>	lightweight computer unit
<b>LDF</b>	lightweight digital facsimile
<b>LRA</b>	local reproduction authorized
<b>LRU</b>	line replaceable unit

<b>MCS</b>	maintenance control section
<b>MDS</b>	mission, design, and series
<b>METL</b>	mission essential task list
<b>MO</b>	monthly
<b>MOS</b>	military occupational specialty
<b>MOSC</b>	military occupational specialty code
<b>MSC</b>	major subordinate command
<b>MST</b>	maintenance support team
<b>MWO</b>	modification work order
<b>NCO</b>	noncommissioned officer
<b>NMP</b>	national maintenance point
<b>NSN</b>	national stock number
<b>NVG</b>	night vision goggle
<b>PLL</b>	prescribed load list
<b>PM</b>	performance measure
<b>PMCS</b>	preventive maintenance checks and services
<b>QDR</b>	Quality Deficiency Report
<b>QT</b>	quarterly
<b>RADIAC</b>	radiation detection, indication, and computation
<b>RDL</b>	Reimer Digital Library
<b>RF</b>	radio frequency
<b>ROP</b>	reorder point
<b>SA</b>	semiannually
<b>SAMS-1</b>	Standard Army Maintenance System-Level 1
<b>SED</b>	special electronic device
<b>SF</b>	standard form
<b>SFDLR</b>	stock funding of depot level repairables
<b>SIGSEC</b>	signal security

<b>SL</b>	skill level
<b>SLAC</b>	Support List Allowance Card
<b>SM/TG</b>	soldier's manual/trainer's guide
<b>SMCT</b>	soldier's manual of common tasks
<b>SOF</b>	safety of flight
<b>SOP</b>	standing operating procedure
<b>SSA</b>	supply support activity
<b>SSG</b>	staff sergeant
<b>STP</b>	soldier training publication
<b>TAMMS</b>	The Army Maintenance Management System
<b>TB</b>	technical bulletin
<b>TB MED</b>	technical bulletin (medical)
<b>TC</b>	training circular
<b>TCIM</b>	tactical communications interface modem
<b>TI</b>	technical inspection
<b>TM</b>	technical manual
<b>TMDE</b>	test, measurement, and diagnostic equipment
<b>TSP</b>	training support package
<b>UND</b>	urgency of need designator
<b>UNIT</b>	Trained in the unit

## **Section II - Terms**

### **CTT (common task test)**

A hands-on test used to evaluate the soldier's proficiency on common tasks.

### **Duty Position**

Duty positions are determined by military occupational specialties (MOSs), which are subdivided into five major skill levels (SLs). These SLs are further subdivided into related individual tasks which identify a soldier's SL or job.

### **FED LOG**

The logistics information system published by the Defense Logistics Information Service (DLIS). FED LOG contains information on more than 7 million stock numbers and 12 million part numbers. Updated monthly, FED LOG is available in CD-ROM or DVD format.

### **GO/NO-GO**

This is a pass/fail evaluation whereby the soldier (student) cannot be partially correct. Either he/she meets the standard or he/she does not meet the standard.

### **SAMS1**

Software package designed to manage maintenance operations, including work order registration, repair parts, stockage and requisition, manpower utilization, and readiness reporting.

### **Skill level (SL)**

The level of proficiency in an MOS. It reflects the skills required to do the job at the grade the soldier holds.

### **Soldier Manual of Common Tasks (SMCT)**

A publication listing the critical tasks for each skill level of an MOS. It provides the performance steps (measures), the condition under which the tasks are performed, the standards that must be met, and an instrument for evaluating task performance.

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## REFERENCES

### Required Publications

Required publications are sources that users must read in order to understand or to comply with this publication.

#### **Army Regulations**

AR 25-2	Information Assurance 14 November 2003
AR 25-400-2	The Army Records Information Management System (ARIMS) 15 November 2004
AR 40-5	Preventive Medicine 22 July 2005
AR 95-1	Flight Regulations 3 February 2006
AR 190-13	The Army Physical Security Program 30 September 1993
AR 380-5	Department of the Army Information Security Program 29 September 2000
AR 380-40	(O) Policy for Safeguarding and Controlling Communications Security (COMSEC) Material (U) 30 June 2000
AR 385-10	The Army Safety Program 29 February 2000
AR 672-20	Incentive Awards 29 January 1999
AR 710-2	Supply Policy Below the National Level 8 July 2005
AR 710-3	Asset and Transaction Reporting System 31 March 1998
AR 725-50	Requisition, Receipt, and Issue System 15 November 1995
AR 750-1	Army Materiel Maintenance Policy 23 January 2006

#### **Department of Army Forms**

DA Forms are available on the Army Electronic Library (AEL) CD-ROM (EM 0001) and the APD Web site at [www.apd.army.mil](http://www.apd.army.mil).

DA Form 2028	Recommended Changes to Publications and Blank Forms
DA Form 2062	Hand Receipt/Annex Number
DA Form 2063-R	Prescribed Load List
DA Form 2064	Document Register for Supply Actions
DA Form 2402	Maintenance Tag
DA Form 2404	Equipment Inspection and Maintenance Worksheet
DA Form 2405	Maintenance Request Register
DA Form 2407	Maintenance Request
DA Form 2407-1	Maintenance Request Continuation Sheet
DA Form 2408-12	Army Aviator's Flight Record
DA Form 2408-13	Aircraft Status Information Record
DA Form 2408-13-1	Aircraft Maintenance and Inspection Record
DA Form 2408-14	Uncorrected Fault Record
DA Form 2410	Component Removal and Repair/Overhaul Record
DA Form 3318	Records of Demands-Title Insert
DA Form 3758-R	Calibration and Repair Requirements Worksheet
DA Form 3999-10 (GREEN)	Maintenance Activity Workload Control
DA Form 3999-10 (WHITE)	Maintenance Activity Workload Control
DA Form 3999-2-R	Maintenance Workload Control Form No. 2
DA Form 3999-3-R	Workload Accounting Daily Status Sheet

DA Form 3999-4	Maintenance Work Request Envelope
DA Form 5164-R	Hands-On Evaluation
DA Form 5165-R	Field Expedient Squad Book
DA Form 5988-E	Equipment Inspection Maintenance Worksheet
DA Form 5990-E	Maintenance Request

### **Department of Army Pamphlets**

DA Pam 40-501	Hearing Conservation Program 10 December 1998
DA Pam 190-51	Risk Analysis for Army Property 30 September 1993
DA Pam 385-1	Small Unit Safety Officer/NCO Guide 29 November 2001
DA Pam 600-67	Effective Writing for Army Leaders 2 June 1986
DA Pam 611-21	Military Occupational Classification and Structure 31 March 1999
DA Pam 710-2-1	Using Unit Supply System (Manual Procedures) 31 December 1997
DA Pam 710-2-2	Supply Support Activity Supply System: Manual Procedures 30 September 1998
DA Pam 738-751	Functional Users Manual for the Army Maintenance Management System-Aviation (TAMMS-A) 15 March 1999
DA Pam 750-8	The Army Maintenance Management System (TAMMS) Users Manual 22 August 2005

### **Department of Defense Forms**

DD Forms are available from the OSD Web site at [www.dior.whs.mil/ICDHOME/DDEFORMS.HTM](http://www.dior.whs.mil/ICDHOME/DDEFORMS.HTM).

DD Form 314	Preventive Maintenance Schedule and Record
DD Form 1574	Serviceable Tag - Materiel
DD Form 1574-1	Serviceable Label - Materiel
DD Form 1575	Suspended Tag - Materiel
DD Form 1575-1	Suspended Label - Materiel
DD Form 1576	Test/Modification Tag - Materiel
DD Form 1576-1	Test/Modification Label - Materiel
DD Form 1577	Unserviceable (Condemned) Tag - Materiel
DD Form 1577-1	Unserviceable (Condemned) Label - Materiel
DD Form 1577-2	Unserviceable (Reparable) Tag - Materiel
DD Form 1577-3	Unserviceable (Reparable) Label - Materiel
DD Form 2332	Product Quality Deficiency Report Exhibit

### **Field Manuals**

FM 3-19.30	Physical Security 8 January 2001
FM 4-30.3	Maintenance Operations and Procedures 28 July 2004
FM 5-0	Army Planning and Orders Production 20 January 2005
FM 7-0	Training The Force 22 October 2002
FM 7-1	Battle Focused Training 15 September 2003
FM 9-43-2	Recovery and Battlefield Damage Assessment and Repair (FMFRP 4-34; TO 36-1-181) 3 October 1995
FM 24-16	Communications-Electronics Operations, Orders, Records, and Reports 7 April 1978
FM 25-4	How to Conduct Training Exercises 10 September 1984
FM 25-5	Training for Mobilization and War 25 January 1985

**Other Product Types**

AISM 25-L21-AHN-ZZZ-EM	Standard Army Maintenance System Level 1(SAMS-1) L21-10-00 End User Manual 1 June 1997
DA LABEL 80	US Army Calibrated Instrument
FEDLOG	Federal Logistics Information System (Updated Monthly CD-ROM/DVD) Defense Logistics Information Service (DLIS), Defense Logistics Agency (DLA)
SF Form 368	Product Quality Deficiency Report

**Soldier Training Publications**

STP 21-1-SMCT	Soldier's Manual of Common Tasks Skill Level 1 11 October 2005
STP 21-24-SMCT	Soldier's Manual of Common Tasks (SMCT) Skill Levels 2-4 31 August 2003

**Technical Bulletins**

TB 43-0001-SERIES	Equipment Improvement Report and Maintenance Digest
TB 43-180	Interactive Electronic Technical Manual for Calibration and Repair Requirements for the Maintenance of Army Materiel 29 July 2005
TB 385-3	Fire Prevention and Protection: Military Gasoline Cans 7 June 1968
TB 385-4	Safety Requirements for Maintenance of Electrical and Electronic Equipment 1 August 1992
TB 750-25	Maintenance of Supplies and Equipment: Army Test, Measurement and Diagnostic Equipment (TMDE) Calibration and Repair Support (C&RS) Program 1 March 1997
TB MED 523	Control of Hazards to Health From Microwave and Radio Frequency Radiation and Ultrasound 15 July 1980

**Technical Manuals**

TM 3-6665-312-12&P	Operator's and Organizational Maintenance Manual Including Repair Parts and Special Tools List for M8A1 Automatic Chemical Agent Alarm (NSN 6665-01-105-5623) and Auxiliary Equipment M10 Power Supply (6665-00-859-2225); M10A1 Power Supply (6665-00-093-2739); M228 High Profile Mounting Kit (6665-00-859-2212) and M182 Low Profile Mounting Kit (6665-00-110-9492) 17 March 1985
TM 3-6665-312-30&P	Intermediate Direct Support Maintenance Manual (Including Repair Parts and Special Tools List) for M8A1 Automatic Chemical Agent Alarm (NSN 6665-01-105-5623) Consisting of M43A1 Chemical Agent Automatic Alarm Detector Unit (6665-01-081-8140) M42 Chemical Alarm Unit (6665-00-859-2215) and Auxiliary Equipment M10A1 Power Supply (6665-01-093-2739) M10 Power Supply (6665-00-859-2225) 17 March 1985
TM 3-6665-321-12&P	Operator's and Unit Maintenance Manual (Including Repair Parts and Special Tools List) for Alarm, Chemical Agent, Automatic: M22 (NSN 6665-01-438-6963) (EIC: 5AC) and Auxiliary Equipment Power Supply, Chemical Agent Automatic Alarm: M28 (6130-01-438-6960) (EIC: Y40) Mounting Kit, Chemical Agent Automatic Alarm: M281 (6665-01-438-6959) (EIC: Y38) Alarm Unit, Chemical Agent Automatic Alarm: ABCA-M42 (6665-00-859-2215) (EIC: 399) 1 March 1998

TM 3-6665-321-30&P	Direct Support Maintenance Manual (Including Repair Parts and Special Tool List) for Alarm, Chemical Agent, Automatic: M22 (NSN 6665-01-438-6963) (EIC: 5AC) and Auxiliary Equipment Alarm Unit, Chemical Agent Automatic Alarm: ABCA-M42 (NSN 6665-00-859-2215) 28 May 2002
TM 3-6665-329-13&P	Operator's and Direct Support Maintenance Manual Including Repair Parts and Special Tools List for M140 Chemical Agent Alarm (NSN 6665-01-083-2749) 22 March 1985
TM 3-6665-331-10	Operator's Manual for Chemical Agent Monitor (CAM) 12 June 1992
TM 3-6665-331-23&P	Unit and Direct Support Maintenance Manual (Including Repair Parts and Special Tools List) for Chemical Agent Monitor (CAM) (NSN 6665-01-199-4153) (EIC: 555) 12 June 1992
TM 3-6665-332-13&P	Operators and Direct Support Maintenance Manual (Including Repair Parts & Special Tools List) for Diagnostic Test Set (DTS) (NSN 6665-99-000-3023) 12 June 1992
TM 3-6665-343-10	Operator's Manual for Improved Chemical Agent Monitor (ICAM) (NSN 6665-01-357-8502) (EIC: 5AB) 13 February 2004
TM 3-6665-343-23&P	Unit and Direct Support Maintenance Manual (Including Repair Parts and Special Tools List) for Improved Chemical Agent Monitor (ICAM) (NSN 6665-01-357-8502) (EIC: 5AB) 9 June 1998
TM 5-6665-202-13	Operators, Organizational and Direct Support Maintenance Manual for Detecting Set, Mine; Aural Indication, 10 V, DC Operating Power; Portable Transistorized w/Case, AN/PSS-11 (Polan Models P153 and P158) (NSN 6665-00-966-9071); (Polan Model P190) (6665-00-181-0432); (Oregon Technical Products Model MD-M) (6665-00-966-0972); (The VP Company Model VP200) (6665-00-144-7655) and Fourdee Model 4D5000 (6665-00-181-0369) 27 December 1971
TM 5-6665-298-10	Operator's Manual for Mine Detecting Set AN/PSS-12 (NSN 6665-21-906-1023) (EIC: ZW9) 1 April 2002
TM 5-6665-298-23&P	Unit and Direct Support Maintenance Manual Including Repair Parts and Special Tools List (Including Depot Maintenance Repair Parts) for AN/PSS-12 Mine Detecting Set (NSN 6665-21-906-1023) (EIC: ZW9) 28 February 1995
TM 5-6675-238-14	Operator's, Organizational, Direct Support and General Support Maintenance Manual for Test Set, Position and Azimuth Determining System, AN/USM-427, Part No. 877400-1 (NSN 6675-01-081-9198) 1 August 1985
TM 9-1095-208-10-1	Operator's Manual for Dispenser, Mine: M139 (NSN 1095-01-235-3139) (EIC: 3V8) With Mounting Kits for 5-Ton Vehicle (1095-01-252-2818) (EIC: 3V9) and M548A1 Vehicle (1095-01-331-6755) (EIC: 3WD) (Ground Volcano) 10 July 1992
TM 9-1095-208-13&P	Interactive Electronic Technical Manual (IETM) Operator's, Unit, and Direct Support Maintenance Manual for Dispenser, Mine: M139 (NSN 1095-01-235-3139) (EIC: 3V8) for Ground Volcano 5-Ton Mounting Kit (NSN 1095-01-252-2818) (EIC: 3V9) M548A1 Mounting Kit (NSN 1095-01-331-6755) (EIC: 3WD) Volcano UH-60A and UH-60L (NSN 1095-01-253-2030) 2 January 2006
TM 9-1095-209-10	Operator's Manual for Mine Dispenser: M138 (FLIPPER) 29 March 1990
TM 9-1095-209-23&P	Unit and Direct Support Maintenance Manual (Including Repair Parts and Special Tools List) for Mine Dispenser: M138 (FLIPPER) 29 March 1990

TM 11-5805-201-12 Operator's and Unit Maintenance Manual for Telephone Sets, TA-312/PT (NSN 5805-00-543-0012) and TA-312A/PT (NSN 5805-01-217-7310) 1 August 1990

TM 11-5805-201-23P Organizational and Direct Support Maintenance Repair Parts and Special Tools Lists for Telephone Sets, TA-312/PT (NSN 5805-00-543-0012) and TA-312A/PT (5805-00-217-7310) 1 January 1987

TM 11-5805-201-35 Direct Support, General Support, and Depot Maintenance Manual for Telephone Sets, TA-312/PT (NSN 5805-00-543-0012) and TA-312A/PT (NSN 5805-01-217-7310) 15 September 1967

TM 11-5805-243-13 Operator's, Unit, and Intermediate Direct Support Maintenance Manual for Telephone Set TA-1/PT (NSN 5805-00-521-1320) 15 September 1987

TM 11-5805-262-12 Operator's and Unit Maintenance Manual for Switchboards, Telephone, Manual, SB-22/PT (NSN 5805-00-257-3602) and SB-22A/PT (5805-00-715-6171) (Including Tone Signaling Adapter, TA-977/PT (5805-01-040-9653)) 15 June 1990

TM 11-5805-262-20P Organizational Maintenance Repair Parts and Special Tools List for Switchboards, Telephone, Manual, SB-22/PT (NSN 5805-00-257-3602) and SB-22A/PT (5805-00-715-6171) 22 May 1978

TM 11-5805-262-34 Direct Support and General Support Maintenance Manual for Switchboards, Telephone, Manual, SB-22/PT (NSN 5805-00-257-3602) and SB-22A/PT (5805-00-715-6171) (Including Tone Signaling Adapter, TA-977/PT (5805-01-040-9653)) 28 September 1983

TM 11-5805-262-34P Direct Support and General Support Maintenance Repair Parts and Special Tools Lists (Including Depot Maintenance Repair Parts and Special Tools) for Switchboards, Telephone, Manual SB-22/PT (NSN 5805-00-257-3602) and SB-22A/PT (5805-00-715-6171) 22 May 1978

TM 11-5805-693-12 Operator's and Organizational Maintenance Manual for Central Office, Telephone, Automatic AN/TTC-41(V)1 (NSN 5805-01-028-8393) (EIC: HLM), AN/TTC-41(V)2 (5805-01-028-8394) (EIC: HLN), AN/TTC-41(V)3 (5805-01-028-8392) (EIC: HLL), AN/TTC-41(V)4 (5805-01-044-8869) (EIC: HLT), and Installation Kit MK-1885/TTC-41(V) (5805-01-053-6249) (EIC: HLV) 19 June 1978

TM 11-5805-693-34 Direct Support and General Support Maintenance Manual for Central Office Telephone, Automatic AN/TTC-41(V)1 (NSN 5805-01-028-8393), AN/TTC-41(V)2 (5805-01-028-8394), AN/TTC-41(V)3 (5805-01-028-8392), and AN/TTC-41(V)4 (5805-01-044-8869) 1 September 1978

TM 11-5805-693-34P Direct Support and General Support Maintenance Repair Parts and Special Tools Lists (Including Depot Maintenance Repair Parts and Special Tools) for Central Office, Telephone, Automatic, AN/TTC-41(V)1 (NSN 5805-01-028-8393), AN/TTC-41(V)2 (5805-01-028-8394), AN/TTC-41(V)3 (5805-01-028-8392) and AN/TTC-41(V)4 (5805-01-044-8869) 10 December 1981

TM 11-5805-761-13&P Operator's, Unit, and Direct Support Maintenance Manual (Including Repair Parts and Special Tools List) for Telephone, Digital, Non-Secure Voice TA-1035/U (NSN 5805-01-246-6826) (EIC: HHT) MSE 1 September 1995

TM 11-5815-615-10 Operator's Manual for Lightweight Digital Facsimile AN/UXC-7 (NSN 5815-01-187-7844) 1 September 1987

TM 11-5815-615-23 Unit and Direct Support Maintenance Manual for Lightweight Digital Facsimile AN/UXC-7 (NSN 5815-01-187-7844) (EIC: HYD) 1 September 1992

TM 11-5815-615-23P	Unit and Intermediate Direct Support Maintenance Repair Parts and Special Tools Lists for Lightweight Digital Facsimile AN/UXC-7 (NSN 5815-01-187-7844) 1 November 1988
TM 11-5855-213-10	Operator's Manual for Night Vision Sight, Individual Served Weapon, AN/PVS-4 (NSN 5855-00-629-5334) (EIC: IPJ) 1 February 1993
TM 11-5855-213-23&P	Unit and Direct Support Maintenance Manual (Including Repair Parts and Special Tools List) for Night Vision Sight, Individual Served Weapon AN/PVS-4 (NSN 5855-00-629-5334) (EIC: IPJ) 1 June 1993
TM 11-5855-214-10	Operator's Manual for Night Vision Sight, Crew Served Weapon, AN/TVS-5 (NSN 5855-00-629-5327) 15 February 1989
TM 11-5855-214-23&P	Unit and Direct Support Maintenance Manual Including Repair Parts and Special Tools List (Including Depot Maintenance Repair Parts and Special Tools) for Night Vision Sight, Crew Served Weapon AN/TVS-5 (NSN 5855-00-629-5327) (EIC: IPH) 1 September 1994
TM 11-5855-238-10	Operator's Manual for Night Vision Goggles Ground Use: AN/PVS-5 and AN/PVS-5A (NSN 5855-00-150-1820) (EIC: IPD) AN/PVS-5B (5855-01-228-0938) (EIC: IPV) AN/PVS-5C (5855-01-228-0936) (EIC: IPU) Aviation Use: GM-6(V)1 Goggles GM-6(V)2 Goggles 15 May 1993
TM 11-5855-238-23&P	Unit and Direct Support Maintenance and Aviation Unit and Aviation Intermediate Maintenance Manual (Including Repair Parts and Special Tools List) for Night Vision Goggles Ground Use AN/PVS-5, AN/PVS-5A (NSN 5855-00-150-1820) (EIC: IPD) AN/PVS-5B (5855-01-228-0938) (EIC: IPV) AN/PVS-5C (5855-01-228-0936) (EIC: IPU) Aviation Use GM-6(V)1 NVG GM-6(V)2 NVG 15 November 1993
TM 11-5855-249-10	Operator's Manual For Viewers, Driver's, Night Vision, AN/VVS-2(V)1 (NSN 5855-00-629-5278) (EIC: N/A) AN/VVS-2(V)1A (5855-01-096-0871) (EIC: N/A) AN/VVS-2(V)2 (5855-01-057-1880) (EIC: N/A) AN/VVS-2(V)2A (5855-01-096-0872) (EIC: N/A) AN/VVS-2(V)3 (5855-01-105-7793) (EIC: N/A) AN/VVS-2(V)4 (5855-01-235-5489) (EIC: N/A) 1 February 1994
TM 11-5855-249-23&P	Unit and Direct Support Maintenance Manual (Including Repair Parts and Special Tools List and Depot Maintenance Parts) for Viewers, Driver's Night Vision AN/VVS-2(V)1A (NSN 5855-01-096-0871) (EIC: N/A) AN/VVS-2(V)2A (5855-01-096-0872) (EIC: N/A) AN/VVS-2(V)3 (5855-01-105-7793) (EIC: N/A) AN/VVS-2(V)4 (5855-01-235-5489) (EIC: N/A) 1 August 1997
TM 11-5855-262-10-1	Operator's Manual for Night Vision Goggle, AN/PVS-7A (NSN 5855-01-228-0939) (EIC: IPT) 15 March 1993
TM 11-5855-262-10-2	Operator's Manual for Night Vision Goggles (NVG) AN/PVS-7B (NSN 5855-01-228-0937) (EIC: IPS) and AN/PVS-7D (5855-01-422-5413) (EIC: N/A) 1 June 2000
TM 11-5855-262-23&P-1	Unit and Direct Support Maintenance Manual (Including Repair Parts and Special Tools List) for Night Vision Goggle AN/PVS-7A (NSN 5855-01-228-0939) (EIC: IPT) 15 March 1993
TM 11-5855-262-23&P-2	Unit and Direct Support Maintenance Manual (Including Repair Parts and Special Tools List) for Night Vision Goggles (NVG) AN/PVS-7B (NSN 5855-01-228-0937) (EIC: IPS) and AN/PVS-7D (NSN 5855-01-422-5413) (EIC: N/A) 1 June 2000
TM 11-5855-263-23&P	Aviation Unit and Intermediate Maintenance Manual (Including Repair Parts and Special Tools List) for Aviator's Night Vision Imaging System (ANVIS) AN/AVS-6(V)1 (NSN 5855-01-138-4749) (EIC: IPR) and AN/AVS-6(V)2 (5855-01-138-4748) (EIC: IPQ) and AN/AVS-6(V)1A (5855-01-439-1745) (EIC: IPW) and AN/AVS-6(V)1B (5855-01-439-1744) (EIC: N/A) 15 September 2001

TM 11-5855-264-14 Operator's, Aviation Unit, Direct Support and General Support Maintenance Manual for Test Set, Aviator's Night Vision Imaging System TS-3895/UV (NSN 6625-01-134-7146) (EIC:IPP) and Test Set, Electronics System TS-3895A/UV (6625-01-301-6894) (EIC: N/A) 15 May 1993

TM 11-5855-264-24P Aviation Unit, Intermediate Direct Support, and General Support Maintenance Repair Parts and Special Tools List (Including Depot Maintenance Repair Parts and Special Tools List) for Test Sets, Electronics System TS-3895/UV (NSN 5855-01-134-7146) (EIC: IPP) and TS-3895A/UA (5855-01-301-6894) 15 May 1992

TM 11-5855-306-10 Operator's Manual For Monocular Night Vision Device (MNVD) AN/PVS-14 (NSN 5855-01-432-0524) (EIC: N/A) 1 June 2000

TM 11-5855-306-23&P Unit and Direct Support Maintenance Manual Including Repair Parts and Special Tools List for Monocular Night Vision Device (MNVD) AN/PVS-14 (NSN 5855-01-432-0524) (EIC: N/A) 1 June 2000

TM 11-5895-1546-12&P Operator's and Unit Maintenance Manual Including Repair Parts and Special Tools List for Communications Modem, TCIM Assembly MD-1298/U, P/N 50766 (NSN 5895-01-347-8723) (EIC: N/A) TCIM 1 Assembly, P/N 50787 (NSN 5895-01-411-4931) (EIC: N/A) TCIM 2 Assembly, P/N 52605 (NSN 5895-01-443-3457) (EIC: N/A) 1 June 2000

TM 11-5895-1546-30&P Direct Support Maintenance Manual Including Repair Parts and Special Tools List for Communications Modem: TCIM 1 Assembly, MD-1398/U, P/N 50766 (NSN 5895-01-347-8723) (EIC: N/A); TCIM 2 Assembly, P/N 52605 (5895-01-443-3457) (EIC: N/A) 1 June 2000

TM 11-6625-3052-14 Operator's, Unit, Direct Support and General Support Maintenance Manual for Digital Multimeter AN/PSM-45 (NSN 6625-01-139-2512) 10 January 1984

TM 11-7021-217-12&P Operator's and Unit Maintenance Manual Including Repair Parts and Special Tools List for Computer, Digital CP-2112 1 February 1994

TM 11-7021-221-12&P Operator's and Unit Maintenance Manual Including Repair Parts and Special Tools List for V2A1 Lightweight Computer Unit P/N 56311 - 56318 and 56351 - 56358 1 February 1996

TM 11-7021-221-30&P Direct Support Maintenance Manual Including Repair Parts and Special Tools List for V2A1 Lightweight Computer Unit P/N 56311 - 56318 and 56351 - 56358 (NSN: VARIOUS) (EIC: N/A) 1 December 1995

TM 11-7021-227-12&P Operator's and Unit Maintenance Manual Including Repair Parts and Special Tools List for V2A2 90/200 MHZ Pentium Lightweight Computer Unit 1 August 1998

TM 11-7021-227-30&P Direct Support Maintenance Manual Including Repair Parts and Special Tools List for V2A2 90/200 MHZ Pentium Light Weight Computer Unit V2A2 90 MHZ LCU P/N 56891-56898; V2A2 200 MHZ LCU P/N 56966-56980 1 June 2000

TM 11-7025-311-12&P Operator's and Unit Maintenance Manual Including Repair Parts and Special Tools List for Printer, Automatic Data Processing Part Number 50786 (NSN 7025-01-381-0760) (EIC: N/A) 1 February 1994

TM 11-7025-327-12&P Operator's and Unit Maintenance Manual Including Repair Parts and Special Tools List for Ruggedized CD-ROM Drive Assembly, Single-Speed CD-ROM Drive Assembly, P/N 50274-1 (NSN 7025-01-393-2453) (EIC: N/A), Quad-Speed CD-ROM Drive Assembly, P/N 50274-2 (NSN N/A) (EIC: N/A), 12-Speed CD-ROM Drive Assembly, P/N 50283 (NSN 7025-01-454-3551) (EIC: N/A) 1 June 2000

TM 11-7025-327-30&P Direct Support Maintenance Manual Including Repair Parts and Special Tools List for Ruggedized CD-ROM Drive Assembly for Single-Speed CD-ROM Drive Assembly, P/N 50274-1 (NSN 7025-01-393-2453) (EIC: N/A) Quad-Speed CD-ROM Drive Assembly, P/N 50274-2 (NSN N/A) (EIC: N/A); 12-Speed CD-ROM Drive Assembly, P/N 50283 (7025-01-454-3551) (EIC: N/A) 1 June 2000

TM 38-L09-11 Functional Users Manual for Maintenance Reporting and Management (MRM) (S&I Cdr, USALOGC, ATTN: ATCL-SP, Ft Lee, VA 23801-6000) 4 February 1985

### **Training Circulars**

TC 43-4 Commander's and Shop Officer's Guide for Support Maintenance Management 8 May 1996

### **Related Publications**

Related publications are sources of additional information. They are not required in order to understand this publication.

### **Army Regulations**

AR 5-12 Army Management of the Electromagnetic Spectrum 1 October 1997

AR 200-1 Environmental Protection and Enhancement 21 February 1997

AR 385-40 Accident Reporting and Records 1 November 1994

AR 702-7 Product Quality Deficiency Report Program 20 July 1993

AR 702-7-1 Reporting of Product Quality Deficiencies Within the US Army 25 April 2005

### **Department of Army Pamphlets**

DA Pam 25-380-2 Security Procedures for Controlled Cryptographic Items 10 January 1991

DA Pam 200-1 Environmental Protection and Enhancement 17 January 2002

DA Pam 738-751 Functional Users Manual for the Army Maintenance Management System-Aviation (TAMMS-A) 15 March 1999

DA Pam 750-1 Leader's Unit Level Maintenance Handbook 3 October 2003

DA Pam 750-8 The Army Maintenance Management System (TAMMS) Users Manual 22 August 2005

### **Field Manuals**

FM 3-04.500 Army Aviation Maintenance 26 September 2000

FM 3-25.26 Map Reading and Land Navigation 18 January 2005

FM 4-30.3 Maintenance Operations and Procedures 28 July 2004

FM 24-33 Communications Techniques: Electronic Counter-Countermeasures 17 July 1990

FM 34-60 Counterintelligence 3 October 1995

### **Technical Bulletins**

TB 43-0129 Safety Requirements for Use of Antenna and Mast Equipment 15 June 1986

**Technical Manuals**

TM 11-5805-262-20P Organizational Maintenance Repair Parts and Special Tools List for Switchboards, Telephone, Manual, SB-22/PT (NSN 5805-00-257-3602) and SB-22A/PT (5805-00-715-6171) 22 May 1978

TM 11-5805-262-34P Direct Support and General Support Maintenance Repair Parts and Special Tools Lists (Including Depot Maintenance Repair Parts and Special Tools) for Switchboards, Telephone, Manual SB-22/PT (NSN 5805-00-257-3602) and SB-22A/PT (5805-00-715-6171) 22 May 1978

TM 11-6625-3052-14 Operator's, Unit, Direct Support and General Support Maintenance Manual for Digital Multimeter AN/PSM-45 (NSN 6625-01-139-2512) 10 January 1984

TM 11-6625-3135-12 Operators and Organizational Maintenance Manual for Oscilloscope AN/USM-488 (NSN 6625-01-187-7847) 1 October 1986

TM 38-L09-11 Functional Users Manual for Maintenance Reporting and Management (MRM) (S&I Cdr, USALOGC, ATTN: ATCL-SP, Ft Lee, VA 23801-6000) 4 February 1985

TM 750-245-4 Direct Support and General Support for Quality Control Inspector's Inspection Criteria 25 January 1971

**Training Circulars**

TC 3-34.489 The Soldier and the Environment 8 May 2001

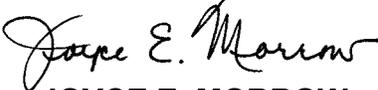
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STP 9-94F13-SM-TG  
5 JUNE 2006

**By Order of the Secretary of the Army:**

**Official:**

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