

STP 9-35Y14-SM-TG

**Soldier's Manual/Trainer's Guide,
MOS 35Y, Integrated Family of
Test Equipment (IFTE)
Operator/Maintainer**

MARCH 2003

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SOLDIER'S MANUAL and TRAINER'S GUIDE

MOS 35Y

Integrated Family of Test Equipment (IFTE) Operator/Maintainer

Skill Levels 1, 2, 3, and 4

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PREFACE

This soldier training publication (STP) is intended for soldiers holding MOS 35Y, Skill Levels 1, 2, 3, and 4, 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 35Y should have access to this publication. Trainers and first-line supervisors should actively plan for a soldiers' 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 STP is obtainable on-line from the Reimer Digital Library (RDL) at <http://www.adtdl.army.mil/atdls.htm>.

Tasks in this manual apply to both Active and Reserve Component soldiers.

The proponent of this publication is HQ TRADOC. Submit comments and recommendations on DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to: Department of the Army, Training Directorate, Ordnance Training Division, ATTN: ATCL-AO, 401 First Street, Suite 225, Fort Lee, VA 23801-1511.

Unless this publication states otherwise, masculine nouns and pronouns do not refer exclusively to men.

CHAPTER 1

Introduction

1-1. General. This soldier training publication (STP) identifies individual MOS training requirements for soldiers holding MOS 35Y. 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 of 35Y soldiers. Commanders employ two primary methods to evaluate soldiers' 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 to prepare 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, Trainer's 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 25-101 (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 conditions 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 can not 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 this 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 NCO and his or 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 NCO's primary source for maintaining MOS proficiency.

Another important resource for self-development is the Army Correspondence Course Program (ACCP). Refer to DA Pamphlet 350-59 (Army Correspondence Course Program Catalog) for detailed eligibility requirements and enrollment information. The catalog is available at local education centers or on line through the Army Institute for Professional Development (AIPD) web site, <http://www.atsc.army.mil/accp/aipd.htm>. The web site offers on-line enrollment.

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 to 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 or 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 25-101.

Every task summary in this STP includes performance measures, which trainers may use year-round to determine if soldiers can perform critical tasks to the specified standards. The performance measures identify what the trainer needs to observe to score a soldier's performance. A blank space is provided for the trainer to check either the GO or NO-GO column for each performance measure. Some tasks require the trainer to watch the soldier perform them (evaluate the process). Other tasks call for the trainer to focus on the results of the soldier's performance (evaluate the product). Comments should not be written on the task summary.

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 of this STP for a sample DA Form 5164-R with instructions.

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 a sample DA Form 5165-R with instructions. 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

Trainer's Guide

2-1. General. The MOS Training Plan (MTP) 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 MTP should be used as a guide for conducting unit training and not a rigid standard. The MTP 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 MTP 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 MTP. 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 MTP.
- **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, etc.), the resident course where the task was taught. Figure 2-1 contains a list of training locations and their corresponding brevity codes.

AIT	Advanced Individual Training
BNCOC	Basic NCO Course
BCT	Basic Combat Course
ANCOC	Advanced NCO Course
UNIT	Trained in the Unit

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.

BA	- Biannually
AN	- Annually
SA	- Semiannually
QT	- Quarterly
MO	- Monthly
BW	- Bi-weekly
WK	- 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 Operate the AN/TSM-191 (V) and the AN/USM-632 (V)
- 2 Operate the Electronic Repair Shelter, OA-8991/TSM-191 (V)
- 3 Electro-Optics Test Facility (EOTF)
- 4 Test Station, Electrical-Electronic, AN/USM-674 (V)

Skill Level 3

- 5 Maintenance Operations
- 6 Maintenance Management I

Skill Level 4

- 7 Maintenance Management II

2-3. Duty Position Training Requirements.

SKILL LEVEL	DUTY POSITION	SUBJECT AREA	CROSS-TRAIN	TRAIN-UP/MERGER
1	IFTE Opr / Maint	1 through 4	N/A	N/A
2	IFTE Opr / Maint	1 through 4	N/A	Technical Inspector (TI) IFTE Opr / Maint Supv
3	Technical Inspector (TI) IFTE Opr / Maint Supv	1 through 6	N/A	Sr Maint Supv Sr IFTE QA/QC TI
4	Sr Maint Supv Sr IFTE QA/QC TI	1 through 7	N/A	Platoon Sergeant

2-4. Critical Tasks List.**MOS TRAINING PLAN
35Y14****CRITICAL TASKS**

Subject Area	Task Number	Title	Training Location	Sust Tng Freq	Sust Tng SL
Skill Level 1					
1. Operate the AN/TSM-191 (V) and the AN/USM-632 (V)	093-35Y-1000	Operate the Electronic Shop Transportable, AN/TSM-191 (V)	AIT	MO	1-4
	093-35Y-1002	Operate the Electrical-Electronic Test Station, AN/USM-632 (V)	AIT	MO	1-4
	093-35Y-1004	Perform Preventive Maintenance Checks and Services (PMCS) on the Electronic Shop Transportable, AN/TSM-191 (V)	AIT	MO	1-4
	093-35Y-1006	Perform Preventive Maintenance Checks and Services (PMCS) on the Electrical-Electronic Test Station, AN/USM-632 (V)	AIT	MO	1-4
	093-35Y-1012	Repair the Linear Power Supply	AIT	MO	1-4
	093-35Y-1014	Repair the Gold Dot Receiver Interface Assembly	AIT	MO	1-4
	093-35Y-1016	Repair Assemblies located in the A3 Equipment Bay	AIT	MO	1-4
	093-35Y-1018	Repair Assemblies located in the A4 Equipment Bay	AIT	MO	1-4
	093-35Y-1020	Repair Assemblies located in the A5 Equipment Bay	AIT	MO	1-4
	093-35Y-1022	Repair Assemblies located in the A6 Equipment Bay	AIT	MO	1-4
	093-35Y-1024	Perform Manual Troubleshooting Procedures on the Electrical-Electronic Test Station, AN/USM-632 (V)	AIT	MO	1-4
	093-35Y-1026	Repair Integrated Family of Test Equipment (IFTE) Cables	AIT	MO	1-4
	093-35Y-1028	Repair the Self Test Interconnecting Device (ICD)	AIT	MO	1-4
	093-35Y-1030	Repair the Electronic Shop Transportable, AN/TSM -191 (V)	AIT	MO	1-4
	093-35Y-1032	Repair Line Replaceable Units (LRU) Using the Electrical-Electronic Test Station, AN/USM-632	AIT	MO	1-4

CRITICAL TASKS

Subject Area	Task Number	Title	Training Location	Sust Tng Freq	Sust Tng SL
		(V)			
	093-35Y-1034	Prepare Maintenance Reports Using Administrative Services Menu	AIT	MO	1-4
	093-35Y-1040	Prepare the Integrated Family of Test Equipment (IFTE) for Movement	AIT	MO	1-4
	093-35Y-1042	Repair the Monitor	AIT	MO	1-4
	093-35Y-1060	Repair Shop Replaceable Units (SRU's) Using the General Support Test Program Set	AIT	MO	1-4
	093-35Y-1061	Perform General Support Maintenance on the Audio Output	AIT	MO	1-4
	093-35Y-1062	Perform General Support Maintenance on the Virtual Instrument Chassis (VIC)	AIT	MO	1-4
	093-35Y-1063	Maintain the Electrical-Electronic Test Station, AN/USM-632 (V)	AIT	MO	1-4
2. Operate the Electronic Repair Shelter, OA-8991/TSM-191 (V)	093-35Y-1068	Repair Multi-Layer Circuit Board to Industrial Standards	AIT	MO	1-4
	093-35Y-1080	Repair Line Replaceable Units/Shop Replaceable Units Using the Electronic Repair Shelter (ERS), OA-8991/TSM-191 (V)	AIT	QT	1-4
	093-35Y-1081	Operate the Electronic Repair Shelter (ERS), OA-8991/TSM-191 (V)	AIT	QT	1-4
	093-35Y-1082	Perform Preventive Maintenance Checks and Services on the Electronic Repair Shelter (ERS), OA-8991/TSM-191 (V)	AIT	QT	1-4
	093-35Y-1083	Repair the Electronic Repair Shelter (ERS), OA-8991/TSM-191 (V)	AIT	QT	1-4
3. Electro-Optics Test Facility (EOTF)	093-35Y-1090	Repair the VXI Chassis Within the Electro-Optics Test Facility (EOTF)	AIT	MO	1-4
	093-35Y-1091	Replace the Electro-Optic Module (EOM)	AIT	MO	1-4
	093-35Y-1092	Install Electro-Optic Module (EOM) Software and Calibration Factors	AIT	MO	1-4
4. Test Station, Electrical-	093-35Y-1100	Operate the Test Station, Electrical-Electronic, AN/USM-674 (V)	AIT	MO	1-4

CRITICAL TASKS

Subject Area	Task Number	Title	Training Location	Sust Tng Freq	Sust Tng SL
Electronic, AN/USM-674 (V)	093-35Y-1101	Store the Test Station, Electrical-Electronic, AN/USM-674 (V)	AIT	MO	1-4
	093-35Y-1102	Repair Circuit Cards Using the Test Station, Electrical-Electronic, AN/USM-674 (V)	AIT	MO	1-4
	093-35Y-1103	Repair the Test Station, Electrical-Electronic, AN/USM-674 (V)	AIT	MO	1-4
	093-35Y-1104	Develop Silver Disk Using the Test Station, Electrical-Electronic, AN/USM-674 (V)	AIT	MO	1-4
Skill Level 3					
5. Maintenance Operations	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
	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-3012	Perform In-Process Inspections	BNCOC	QT	3
6. Maintenance Management I	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-3011	Write a Standing Operating Procedure (SOP)	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

CRITICAL TASKS

Subject Area	Task Number	Title	Training Location	Sust Tng Freq	Sust Tng SL
	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
Skill Level 4					
7. Maintenance Management II	093-SFC-4101	Manage a Shop Security Program	ANCOC	MO	4
	093-SFC-4103	Prepare Input to Materiel Condition Status Report	ANCOC	QT	4
	093-SFC-4104	Manage SAMS-1 System Administration	ANCOC	SA	4
	093-SFC-4105	Manage Hand Receipt Functions	ANCOC	SA	4
	093-SFC-4106	Manage Maintenance Shop Operations	ANCOC	QT	4
	093-SFC-4107	Manage Logistics Support	ANCOC	QT	4
	093-SFC-4108	Manage Shop Personnel Actions	ANCOC	SA	4
	093-SFC-4109	Review SAMS-2 Reports	ANCOC	SA	4
	093-SFC-4110	Conduct Site Reconnaissance	UNIT	AN	4
	093-SFC-4111	Coordinate Activities between Production Control and Supply Support Activity	ANCOC	MO	4
	093-SFC-4112	Manage Shop Supply Operations	ANCOC	QT	4
	093-SFC-4113	Provide Liaison to Supported Units	ANCOC	AN	4
	093-SFC-4114	Manage Operational Readiness Float (ORF) Transactions	ANCOC	AN	4

CHAPTER 3
MOS/Skill Level Tasks

Skill Level 1

Subject Area 1: Operate the AN/TSM-191 (V) and the AN/USM-632 (V)

Operate the Electronic Shop Transportable, AN/TSM-191 (V)
093-35Y-1000

Conditions: Given an emplaced Electronic Shop Transportable, AN/TSM-191 (V), Electrical-Electronic Equipment Test Station, AN/USM-632 (V), 60kw generator set or commercial power source, TM 9-6115-651-14&P, TM 11-6625-3173-12-1, TM 11-6625-3178-14, DA Form 2404, FM 3-100.4 and TC 3-34.489 in a field or garrison environment.

Standards: Performed the "Assembly and Preparation for Use" procedures in accordance with TM 11-6625-3178-14 for the Electronic Shop Transportable, AN/TSM-191 (V) and observed all safety and environmental cautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Read and followed all WARNINGS, CAUTIONS, and NOTES given within TM 11-6625-3178-14 and TM 11-6625-3173-12-1.	—	—
2. Verified the "Assembly and Preparation for Use" procedures were completed for the correct version Transportable Electronic Shop, AN/TSM-191 (V) being used in accordance with TM 11-6625-3178-14.	—	—
WARNING: ENSURE THAT THE GENERATOR SET IS OFF BEFORE CONNECTIONS ARE MADE TO THE GENERATOR OR SHELTER		
3. Performed the preliminary turn-on procedures for the version Transportable Electronic Shop, AN/TSM-191 (V) being used in accordance with TM 11-6625-3178-14.	—	—
NOTE: A portable light source is required to provide light inside the shelter until primary power is applied.		
4. Performed the power turn-on procedures for the version Transportable Electronic Shop, AN/TSM-191 (V) being used in accordance with TM 11-6625-3178-14.	—	—
WARNING: THE ENVIRONMENTAL CONTROL UNIT (ECU) FRESH AIR DAMPER MUST REMAIN OPEN WHEN SOLDERING IN THE SHELTER.		
5. Performed power-down procedures for the version Transportable Electronic Shop, AN/TSM-191 (V) being used in accordance with TM 11-6625-3178-14.	—	—
NOTE: A portable light source is required to provide light inside the shelter when shelter lights are off.		
6. Powered down generator set in accordance with technical manual. (If required)	—	—
7. Completed required maintenance forms and turned-in maintenance forms to team NCOIC for processing. (If required)	—	—

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

References

Required

DA FORM 2404
FM 3-100.4
TC 3-34.489
TM 11-6625-3173-12-1
TM 11-6625-3178-14
TM 9-6115-651-14&P

Related

TM 11-6625-3173-30-1
TM 11-6625-366-15

**Operate the Electrical-Electronic Test Station, AN/USM-632 (V)
093-35Y-1002**

Conditions: Given an emplaced Electronic Shop Transportable, AN/TSM-191 (V); Electrical-Electronic Equipment Test Station, AN/USM-632 (V); 60 KW generator set or commercial power source; DA Form 2404; TM 9-6115-651-14&P; TM 11-6625-3173-12-1; TM 11-6625-3173-12-2; TM 11-6625-3178-14; FM 3-100.4 and TC 3-34.489 in a field or garrison environment.

Standards: Performed "Power-Up Procedures" in accordance with TM 11-6625-3173-12-1 for the Electrical-Electronic Equipment Test Station and observed all safety and environmental cautions.

Performance Measures

GO NO GO

NOTE: Individual task numbers have been performed 093-35Y-1000, Operate the Electronic Shop Transportable, AN/TSM-191 (V) and 093-35Y-1006, Perform Preventive Maintenance Checks and Services (PMCS) on the Electrical-Electronic Test Station, AN/USM-632 (V).

- | | | |
|---|---|---|
| 1. Performed assembly and preparation for use, procedures in accordance with TM 11-6625-3173-12-1 and TM 11-6625-3173-12-2. (If required) | — | — |
|---|---|---|

WARNING: HIGH VOLTAGE MAY BE PRESENT IF THE TEST STATION IS NOT POWERED DOWN (PARTIAL)

- | | | |
|---|---|---|
| 2. Performed initial settings in accordance with TM 11-6625-3173-12-1. | — | — |
| 3. Performed power-up procedures in accordance with TM 11-6625-3173-12-1. | — | — |

WARNING: DO NOT OPERATE THE AN/USM-632 (V) 2 OR AN/USM-632 (V) 3 OR STAY INSIDE THE SHELTER WHEN THE TRUCK IS RUNNING. CARBON MONOXIDE FUMES CAN ENTER THE SHELTER THROUGH THE INTAKE LOUVERS OF THE AIR CONDITIONER IF THE DAMPER DOOR IS OPEN.

- | | | |
|--|---|---|
| 4. Performed indicator check procedures in accordance with TM 11-6625-3173-12-1. | — | — |
|--|---|---|

NOTE: The following procedure should take no less than eight minutes to give the Test Station time to fully boot up, get warmed up and allow all self-initialing systems time to prepare for operation.

- | | | |
|---|---|---|
| 5. Performed logon procedures in accordance with TM 11-6625-3173-12-1. | — | — |
| 6. Performed self-test operation procedures in accordance with TM 11-6625-3173-12-1 and TM 11-6625-3173-12-2. | — | — |
| 7. Checked error messages. (If required) | — | — |
| 8. Performed test station full power down. | — | — |
| 9. Completed required maintenance forms and turned-in maintenance forms to team NCOIC for processing. (If required) | — | — |

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

References

Required
DA FORM 2404

Related
DA PAM 738-750

References

Required

FM 3-100.4

TC 3-34.489

TM 11-6625-3173-12-1

TM 11-6625-3173-12-2

TM 11-6625-3178-14

TM 9-6115-651-14&P

Related

**Perform Preventive Maintenance Checks and Services (PMCS) on the Electronic Shop
Transportable, AN/TSM-191 (V)
093-35Y-1004**

Conditions: Given an emplaced Electronic Shop Transportable, AN/TSM-191 (V), Electrical-Electronic Equipment Test Station, AN/USM-632 (V), 60 KW generator set or commercial power source, DA Form 2404, FM 3-100.4, TB 43-0124, TC 3-34.489, TM 3-4240-325-20&P, TM 9-4120-370-14, TM 9-6115-651-14&P, TM 11-6625-3173-12-1, and TM 11-6625-3178-14 in a field or garrison environment.

Standards: Performed the required regularly interval preventive maintenance checks and services (PMCS) on the Electronic Shop Transportable, AN/TSM-191 (V) while observing all environmental and safety warnings and cautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Read and followed all WARNINGS, CAUTIONS, and NOTES given within TB 43-0124, TM 3-4240-325-20&P, TM 9-4120-370-14, TM 11-6625-3173-12-1, and TM 11-6625-3178-14.	—	—
2. Identified which type of PMCS interval(s) and level(s) were required according to maintenance records.	—	—
a. Operator - Before interval		
b. Operator - During interval		
c. Operator - Weekly interval		
d. Operator - Monthly interval		
e. Unit - Weekly interval		
f. Unit - Monthly interval		
3. Performed operator before (B) PMCS.	—	—
NOTE: Performed individual task Operate the Electronic Shop Transportable, AN/TSM-191 (V), number 093-35Y-1000.		
4. Performed operator's during (D) PMCS.	—	—
5. Performed operator's monthly (M) PMCS. (As required)	—	—
6. Performed unit level weekly (W) PMCS. (As required)	—	—
7. Performed unit level monthly (M) PMCS. (As required)	—	—
8. Performed unit troubleshooting procedures. (As required)	—	—
9. Performed power-down procedures in accordance with TM 11-6625-3178-14.	—	—
10. Completed required maintenance forms and turned-in maintenance forms to team NCOIC for processing. (If required)	—	—

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

References

Required
DA FORM 2404
FM 3-100.4
TB 43-0124
TC 3-34.489

Related
DA PAM 738-750
LO 9-2320-272-12

References

Required

TM 11-6625-3173-12-1
TM 11-6625-3178-14
TM 3-4240-325-20&P
TM 9-4120-370-14
TM 9-6115-651-14&P

Related

Perform Preventive Maintenance Checks and Services (PMCS) on the Electrical-Electronic Test Station, AN/USM-632 (V)

093-35Y-1006

Conditions: Given an emplaced Electronic Shop Transportable, AN/TSM-191 (V) with individual task number 093-35Y-1004 already performed; Electrical-Electronic Equipment Test Station, AN/USM-632 (V); 60 KW generator set or commercial power source; DA Form 2404; FM 3-100.4; TC 3-34.489; TM 9-6115-651-14&P; TM 11-6625-3178-14; TM 11-6625-3173-12-1; and TM 11-6625-3173-12-2 in a field or garrison environment.

Standards: Performed the required regularly interval preventive maintenance checks and services (PMCS) on the Electrical-Electronic Equipment Test Station, AN/USM-632 (V) while observing all environmental and safety warnings, cautions and notes. Annotated all deficiencies found onto DA Form 2404 and updated the test station's administration services menu with information pertinent to the status of the test set equipment. Ensured any accidents were noted and a supervisory personnel was informed so that immediate corrective action was taken.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Read and followed all WARNINGS, CAUTIONS, and NOTES given within TM 11-6625-3173-12-1 and TM 11-6625-3173-12-2.	—	—
2. Identified which type of PMCS level(s) and interval(s) were required according to maintenance records.	—	—
a. Operator - Before interval		
b. Operator - During interval		
c. Operator - Weekly interval		
d. Operator - Monthly interval		
e. Unit - Annually interval		
3. Performed operator's before (B) PMCS.	—	—
4. Performed power-up procedures according to TM 11-6625-3173-12-1.	—	—
5. Performed operator's during (D) PMCS. (As required)	—	—
6. Performed operator's weekly (W) PMCS. (As required)	—	—
7. Performed operator's monthly (M) PMCS. (As required)	—	—
8. Performed unit annually (A) PMCS. (As required)	—	—
9. Performed test station full power down procedures according to TM 11-6625-3173-12-1.	—	—
10. Completed required maintenance forms and turned-in maintenance forms to NCOIC for processing. (As required)	—	—

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

References

Required
 DA FORM 2404
 FM 3-100.4
 TC 3-34.489
 TM 11-6625-3173-12-1

Related
 DA PAM 738-750
 LO 9-2320-272-12
 TB 43-0124
 TM 9-4120-370-14

References

Required

TM 11-6625-3173-12-2

TM 11-6625-3178-14

TM 9-6115-651-14&P

Related

**Repair the Linear Power Supply
093-35Y-1012**

Conditions: Given an emplaced and powered up Electronic Shop Transportable, AN/TSM-191 (V); Electrical-Electronic Equipment Test Station, AN/USM-632 (V) with a possible faulty linear power supply; 60 KW generator set or commercial power source; DA Form 2404; TM 11-6625-3178-14; TM 11-6625-3173-12-1; and TM 11-6625-3173-12-2 in a field or garrison environment.

Standards: Performed the repair procedures on the linear power supply in accordance with TM 11-6625-3173-12-1 and TM 11-6625-3173-12-2. Fault(s), if any, were annotated, computerized adjustments conducted and repairs made based on the repairer's authorized level of maintenance.

Performance Measures

GO NO GO

NOTE: Individual task number 093-35Y-1002 has been performed.

1. Read and followed all WARNINGS, CAUTIONS and NOTES given within TM 11-6625-3173-12-1 and TM 11-6625-3173-12-2.	—	—
2. Performed test station partial power down procedures in accordance with TM 11-6625-3173-12-1, Chapter 3.	—	—
3. Performed testing procedures on the linear power supply in accordance with TM 11-6625-3173-12-1, Chapter 2.	—	—
4. Performed system fuses procedures on the linear power supply in accordance with TM 11-6625-3173-12-1, Chapter 3.	—	—
5. Replaced the linear power supply in accordance with TM 11-6625-3173-12-1, Chapter 3. (Used an assistant to replace linear power supply)	—	—
6. Performed test station power-up procedures in accordance with TM 11-6625-3173-12-1, Chapter 2.	—	—
7. Performed individual self-test in fault detection mode to verify linear power supply repairs in accordance with TM 11-6625-3173-12-1, Chapter 2.	—	—
8. Performed adjustment procedures on the linear power supply in accordance with TM 11-6625-3173-12-1, Chapter 2 and TM 11-6625-3173-12-2, individual self-test flow diagram (Foldout). (As required)	—	—
9. Performed test station full power down procedures in accordance with TM 11-6625-3173-12-1.	—	—
10. Completed required maintenance forms and turned-in maintenance forms to team NCOIC for processing. (As required)	—	—

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

References

Required

DA FORM 2404
TM 11-6625-3173-12-1
TM 11-6625-3173-12-2
TM 11-6625-3178-14

Related

DA PAM 738-750
TM 11-6625-3173-30-1
TM 11-6625-3173-30-2
TM 9-6115-651-14&P

**Repair the Gold Dot Receiver Interface Assembly
093-35Y-1014**

Conditions: Given an emplaced and powered up Electronic Shop Transportable, AN/TSM-191 (V); Electrical-Electronic Equipment Test Station, AN/USM-632 (V) with a possible faulty gold dot receiver interface assembly; 60 KW generator set or commercial power source; DA Form 2404; TM 11-6625-3178-14; TM 11-6625-3173-12-1; TM 11-6625-3173-12-2; TM 11-6625-3173-30-1 and TM 11-6625-3266-24&P in a field or garrison environment.

Standards: Performed the repair procedures on the gold dot receiver interface/assembly in accordance with TM 11-6625-3173-12-1 and TM 11-6625-3173-12-2. Faults, if any, were annotated, computerized adjustments conducted and repairs made based on repairer's authorized level of maintenance.

Performance Measures	<u>GO</u>	<u>NO GO</u>
NOTE: Individual task number 093-35Y-1002 has been performed.		
1. Read and followed all WARNINGS, CAUTIONS, and NOTES given within TM 11-6625-3173-12-1, TM 11-6625-3173-12-2, and TM 11-6625-3173-30-1.	—	—
2. Performed a visual inspection of the connectors, jacks, and test points on the gold dot receiver interface assembly and cables for damage.	—	—
3. Performed Self-Test Operation of the interface connection device (ICD). a. Verified ICD was installed correctly. b. Followed on screen recommendation and self-test operation.	—	—
4. Performed test station partial power down procedures in accordance with TM 11-6625-3173-12-1, Chapter 2.	—	—
5. Repaired any faults with the interface connection device. (As required)	—	—
6. Performed test station power up procedures in accordance with TM 11-6625-3173-12-1, Chapter 2.	—	—
7. Reran the self-test operation to verify fault was corrected.	—	—
8. Performed test station full power down procedures in accordance with TM 11-6625-3173-12-1.	—	—
9. Completed required maintenance forms and turned-in maintenance forms to team NCOIC for processing. (As required)	—	—

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

References

Required

- DA FORM 2404
- TM 11-6625-3173-12-1
- TM 11-6625-3173-12-2
- TM 11-6625-3173-30-1
- TM 11-6625-3178-14
- TM 11-6625-3266-24&P

Related

- DA PAM 738-750
- TM 11-6625-3173-30-2
- TM 11-6625-3199-14
- TM 9-6115-651-14&P

**Repair Assemblies located in the A3 Equipment Bay
093-35Y-1016**

Conditions: Given an emplaced and powered up Electronic Shop Transportable, AN/TSM-191 (V); Electrical-Electronic Equipment Test Station, AN/USM-632 (V) with a possible faulty assembly within the A3 equipment bay; 60 KW generator set or commercial power source; DA Form 2404; TM 11-6625-3178-14; TM 11-6625-3173-12-1; TM 11-6625-3173-30-1; and TM 11-6625-3173-30-2.

Standards: Performed the repair procedures on an faulty assembly located within the A3 equipment bay in accordance with TM 11-6625-3173-12-1, TM 11-6625-3173-30-1, and TM 11-6625-3173-30-2. Faults if any, were annotated, computerized adjustments conducted and repairs made based on the repairers authorized level of maintenance.

Performance Measures

GO NO GO

NOTE: Individual task number 093-35Y-1002 has been performed.

- | | | |
|---|---|---|
| 1. Read and followed all WARNINGS, CAUTIONS, and NOTES given within TM 11-6625-3173-12-1, TM 11-6625-3173-30-1, and TM 11-6625-3173-30-2. | — | — |
| 2. Performed troubleshooting procedures on assemblies located in the A3 equipment bay using the Self-Test in accordance with TM 11-6625-3173-12-1, Chapter 2.
a. VIC power supply
b. Analog VIC | — | — |

NOTE: Performed the equipment condition steps prior to performing each item's replacement procedures.

- | | | |
|--|---|---|
| 3. Replaced the VIC power supply, assemblies and made voltage adjustments in accordance with chapters 2 and 3 within TM 11-6625-3173-12-1 and TM 11-6625-3173-30-2. Reapplied power to test station and ran self-test program to verify repairs. (As required) | — | — |
| 4. Replaced the analog VIC drawer fan tray assembly and fan in accordance with TM 11-6625-3173-30-1, Chapter 2. Reapplied power to test station and ran self-test program to verify repairs. (As required) | — | — |
| 5. Replaced the +/- 5VDC power supply in accordance with TM 11-6625-3173-30-1, Chapter 2. Reapplied power to test station and ran self-test program to verify repairs. (As required) | — | — |
| 6. Replaced the A1 thru A18 circuit card in accordance with TM 11-6625-3173-12-1, Chapter 3. Reapplied power to test station and ran self-test program to verify repairs. (As required) | — | — |
| 7. Verified all assembly functionality once faulty components were replaced in A3 equipment bay. | — | — |
| 8. Performed test station full power down procedures in accordance with TM 11-6625-3173-12-1. | — | — |
| 9. Completed required maintenance forms and turned-in maintenance forms to team NCOIC for processing. (As required) | — | — |

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

References

Required

DA FORM 2404

TM 11-6625-3173-12-1

TM 11-6625-3173-30-1

TM 11-6625-3173-30-2

TM 11-6625-3178-14

Related

DA PAM 738-750

TM 11-6625-3173-12-2

TM 9-6115-651-14&P

**Repair Assemblies located in the A4 Equipment Bay
093-35Y-1018**

Conditions: Given an emplaced and powered up Electronic Shop Transportable, AN/TSM-191 (V); Electrical-Electronic Equipment Test Station, AN/USM-632 (V) with a possible faulty assembly within the A4 equipment bay; 60 KW generator set or commercial power source; DA Form 2404; TM 11-6625-3178-14; TM 11-6625-3173-12-1; TM 11-6625-3173-12-2; TM 11-6625-3173-30-1; and TM 11-6625-3173-30-2 in a field or garrison environment.

Standards: Performed the repair procedures on an faulty assembly located within the A4 equipment bay in accordance with TM 11-6625-3173-12-1, TM 11-6625-3173-12-2, TM 11-6625-3173-30-1, and TM 11-6625-3173-30-2. Faults, if any, were annotated, computerized adjustments conducted and repairs made based on the repairer's authorized level of maintenance.

Performance Measures

GO NO GO

NOTE: Individual task number 093-35Y-1002 has been performed.

- | | | |
|---|---|---|
| 1. Read and followed all WARNINGS, CAUTIONS, and NOTES given within TM 11-6625-3173-12-1, TM 11-6625-3173-12-2, TM 11-6625-3173-30-1, and TM 11-6625-3173-30-2. | — | — |
| 2. Performed troubleshooting procedures on the assemblies located within the A4 equipment bay using one of the tests within the self-test operation to locate the faulty assembly(ies) in accordance with TM 11-6625-3173-12-1, Chapter 2 and TM 11-6625-3173-12-2. | — | — |
| NOTE: Performed the equipment conditions step prior to repair. | | |
| 3. Isolated the faulty component(s) within the A4 equipment bay. | — | — |
| 4. Replaced faulty assembly(ies) in accordance with TM 11-6625-3173-12-1, Chapter 3. | — | — |
| 5. Verified all assembly functionality once faulty component(s) were replaced in A4 equipment bay. | — | — |
| 6. Reran the system self-test to verify the test station was operational. | — | — |
| 7. Performed test station full power down procedures in accordance with TM 11-6625-3173-12-1. | — | — |
| 8. Completed required maintenance forms and turned-in maintenance forms to team NCOIC for processing. (As required) | — | — |

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

References

Required

- DA FORM 2404
- TM 11-6625-3173-12-1
- TM 11-6625-3173-12-2
- TM 11-6625-3173-30-1
- TM 11-6625-3173-30-2
- TM 11-6625-3178-14

Related

- DA PAM 738-750
- TM 9-6115-651-14&P

**Repair Assemblies located in the A5 Equipment Bay
093-35Y-1020**

Conditions: Given an emplaced and powered up Electronic Shop Transportable, AN/TSM-191 (V); Electrical-Electronic Equipment Test Station, AN/USM-632 (V) with a possible faulty assembly within the A5 equipment bay; 60 KW generator set or commercial power source; DA Form 2404; TM 11-6625-3178-14; TM 11-6625-3173-12-1; TM 11-6625-3173-12-2; TM 11-6625-3173-30-1; and TM 11-6625-3173-30-2 in a field or garrison environment.

Standards: Performed the repair procedures on an faulty assembly located within the A5 equipment bay in accordance with TM 11-6625-3173-12-1, TM 11-6625-3173-12-2, TM 11-6625-3173-30-1, and TM 11-6625-3173-30-2. Faults if any were annotated, computerized adjustments conducted and repairs made based on the repairers authorized level of maintenance.

Performance Measures	<u>GO</u>	<u>NO GO</u>
NOTE: Individual task number 093-35Y-1002 has been performed.		
1. Read and followed all WARNINGS, CAUTIONS, and NOTES given within TM 11-6625-3173-12-1, TM 11-6625-3173-12-2, TM 11-6625-3173-30-1, and TM 11-6625-3173-30-2.	—	—
2. Performed troubleshooting procedures on assemblies located in the A5 equipment bay using one of the tests within the self-test operation to locate the faulty assembly(ies) in accordance with TM 11-6625-3173-12-1, Chapter 2 and TM 11-6625-3173-12-2.	—	—
NOTE: Performed the equipment conditions step prior to repair.		
3. Isolated the faulty component(s) within the A5 equipment bay.	—	—
4. Replaced faulty assembly(ies) in accordance with TM 11-6625-3173-12-1, Chapter 3.	—	—
5. Verified all assembly functionality once faulty component(s) were replaced in A5 equipment bay.	—	—
6. Reran the system self-test to verify the test station was operational.	—	—
7. Performed test station full power down procedures in accordance with TM 11-6625-3173-12-1.	—	—
8. Completed required maintenance forms and turned-in maintenance forms to team NCOIC for processing. (As required)	—	—

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

References

Required

DA FORM 2404
 TM 11-6625-3173-12-1
 TM 11-6625-3173-12-2
 TM 11-6625-3173-30-1
 TM 11-6625-3173-30-2
 TM 11-6625-3178-14

Related

DA PAM 738-750
 TM 11-6625-3178-24P
 TM 9-6115-651-14&P

**Repair Assemblies located in the A6 Equipment Bay
093-35Y-1022**

Conditions: Given an emplaced and powered up Electronic Shop Transportable, AN/TSM-191 (V); Electrical-Electronic Equipment Test Station, AN/USM-632 (V) with a possible faulty assembly within the A6 equipment bay; 60 KW generator set or commercial power source; DA Form 2404; TM 11-6625-3178-14; TM 11-6625-3173-12-1; TM 11-6625-3173-12-2; TM 11-6625-3173-30-1; and TM 11-6625-3173-30-2 in a field or garrison environment.

Standards: Performed the repair procedures on an faulty assembly located within the A6 equipment bay in accordance with TM 11-6625-3173-12-1, TM 11-6625-3173-12-2, TM 11-6625-3173-30-1, and TM 11-6625-3173-30-2. Faults, if any, were annotated, computerized adjustments conducted and repairs made based on the repairer's authorized level of maintenance.

Performance Measures	<u>GO</u>	<u>NO GO</u>
NOTE: Individual task number 093-35Y-1002 has been performed.		
1. Read and followed all WARNINGS, CAUTIONS, and NOTES given within TM 11-6625-3173-12-1, TM 11-6625-3173-12-2, and TM 11-6625-3173-30-1.	—	—
2. Performed troubleshooting procedures on the assemblies located within the A6 equipment bay using one of the tests within the self-test operation in accordance with TM 11-6625-3173-12-1, Chapter 2 and TM 11-6625-3173-12-2.	—	—
NOTE: Performed the equipment conditions step prior to fault isolation and repair processes.		
3. Isolated the faulty component(s) within the A6 equipment bay.	—	—
4. Replaced faulty assembly(ies) in accordance with TM 11-6625-3173-12-1, Chapter 3.	—	—
5. Verified all assembly functionality once faulty component(s) were replaced in A6 equipment bay.	—	—
6. Reran the system self-test to verify the test station was operational.	—	—
7. Performed test station full power down procedures in accordance with TM 11-6625-3173-12-1.	—	—
8. Completed required maintenance forms and turned-in maintenance forms to team NCOIC for processing. (As required)	—	—

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

References

Required

- DA FORM 2404
- TM 11-6625-3173-12-1
- TM 11-6625-3173-12-2
- TM 11-6625-3173-30-1
- TM 11-6625-3173-30-2
- TM 11-6625-3178-14

Related

- DA PAM 738-750
- TM 5-6115-545-12
- TM 9-6115-651-14&P

**Perform Manual Troubleshooting Procedures on the Electrical-Electronic Test Station, AN/USM-632 (V)
093-35Y-1024**

Conditions: Given an emplaced and powered up Electronic Shop Transportable, AN/TSM-191 (V); with a faulty Electrical-Electronic Equipment Test Station, AN/USM-632 (V); 60 KW generator set or commercial power source; DA Form 2404; TM 11-6625-3178-14; TM 11-6625-3173-12-1; TM 11-6625-3173-12-2; TM 11-6625-3173-30-1; and TM 11-6625-3173-30-2 in a field or garrison environment.

Standards: Performed manual troubleshooting procedures on the faulty Electrical-Electronic Equipment Test Station, AN/USM-632 (V) in accordance with TM 11-6625-3173-12-1, Chapter 3. Faults were annotated, necessary adjustments and repairs made based on the repairer's authorized level of maintenance.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Read and followed all WARNINGS, CAUTIONS, and NOTES given within TM 11-6625-3173-12-1, TM 11-6625-3173-12-2, and TM 11-6625-3173-30-1.	—	—
2. Performed manual troubleshooting procedures in accordance with TM 11-6625-3173-12-1, Chapter 3. <ul style="list-style-type: none"> a. Isolated the fault. b. Replaced the faulty component. c. Performed the system self test. 	—	—
3. Reran the system self-test to verify the test station was operational.	—	—
4. Performed test station full power down procedures in accordance with TM 11-6625-3173-12-1.	—	—
5. Completed required maintenance forms and turned-in maintenance forms to team NCOIC for processing. (As required)	—	—

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

References

Required

- DA FORM 2404
- TM 11-6625-3173-12-1
- TM 11-6625-3173-12-2
- TM 11-6625-3173-30-1
- TM 11-6625-3173-30-2
- TM 11-6625-3178-14

Related

- DA PAM 738-750
- TM 9-6115-651-14&P

**Repair Integrated Family of Test Equipment (IFTE) Cables
093-35Y-1026**

Conditions: Given an emplaced and powered up Electronic Shop Transportable, AN/TSM-191 (V); Electrical-Electronic Equipment Test Station, AN/USM-632 (V) with an internal power problem; 60 KW generator set or commercial power source; DA Form 2404; TM 11-6625-3178-14; TM 11-6625-3173-12-1; TM 11-6625-3173-30-1; and TM 11-6625-3173-30-2.

Standards: Performed support maintenance troubleshooting procedures on system cables in accordance with TM 11-6625-3173-30-1, Chapter 2 and TM 11-6625-3173-30-2. Fault(s) annotated and repair(s) made based on the repairer's authorized level of maintenance.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Read and followed all WARNINGS, CAUTIONS, and NOTES given within TM 11-6625-3173-12-1, TM 11-6625-3173-30-1, and TM 11-6625-3173-30-2.	—	—
NOTE: Performed the equipment conditions step prior to fault isolation and repair processes.		
2. Performed troubleshooting procedures on system cables in accordance with TM 11-6625-3173-30-1, Chapter 2 and TM 11-6625-3173-30-2.	—	—
3. Isolated the faulty cable(s) within the test station.	—	—
4. Performed the required repair procedures on the type(s) of system cables in accordance with TM 11-6625-3173-30-1, Chapter 2.	—	—
5. Reran the system self-test program to verify the test station was operational.	—	—
6. Performed test station full power down procedures in accordance with TM 11-6625-3173-12-1.	—	—
7. Completed required maintenance forms and turned-in maintenance forms to team NCOIC for processing. (As required)	—	—

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

References

Required

- DA FORM 2404
- TM 11-6625-3173-12-1
- TM 11-6625-3173-30-1
- TM 11-6625-3173-30-2
- TM 11-6625-3178-14

Related

- DA PAM 738-750
- TM 11-6625-3173-12-2
- TM 55-1500-323-24

Repair the Self Test Interconnecting Device (ICD)

093-35Y-1028

Conditions: Given an emplaced and powered up Electronic Shop Transportable, AN/TSM-191 (V); Electrical-Electronic Equipment Test Station, AN/USM-632 (V) with a faulty interconnection device; 60 KW generator set or commercial power source; DA Form 2404; TM 11-6625-3173-12-1; TM 11-6625-3173-30-1; and TM 11-6625-3266-24&P in a field or garrison environment.

Standards: Performed troubleshooting and repair procedures on the faulty self test interface connection device (ICD) as directed by the Test Program Set (TPS) and in accordance with TM 11-6625-3266-24&P, Chapter 3. Fault(s) were annotated and repairs were made based on the repairers authorized level of maintenance.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Read and followed all WARNINGS, CAUTIONS, and NOTES given within TM 11-6625-3173-12-1, and TM 11-6625-3266-24&P.	—	—
2. Performed troubleshooting procedures in accordance with test program set (TPS). (If required)	—	—
a. Isolated the fault.		
b. Repaired the faulty component.		
3. Performed troubleshooting procedures in accordance with TM 11-6625-3266-24&P. (If required)	—	—
a. Isolated the fault.		
b. Repaired the faulty component.		
4. Performed test station self-test program to verify repair.	—	—
5. Performed test station full power down procedures in accordance with TM 11-6625-3173-12-1.	—	—
6. Completed required maintenance forms and turned-in maintenance forms to team NCOIC for processing. (As required)	—	—

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

References

Required

- DA FORM 2404
- TM 11-6625-3173-12-1
- TM 11-6625-3173-30-1
- TM 11-6625-3266-24&P

Related

- DA PAM 738-750
- TM 11-6625-3173-12-2
- TM 11-6625-3178-14
- TM 9-6115-651-14&P

**Repair the Electronic Shop Transportable, AN/TSM -191 (V)
093-35Y-1030**

Conditions: Given an emplaced but defective Electronic Shop Transportable, AN/TSM-191 (V); Electrical-Electronic Equipment Test Station, AN/USM-632 (V); 60 KW generator set or commercial power source; DA Form 2404; and TM 11-6625-3178-14 in a field or garrison environment.

Standards: Performed troubleshooting and repair procedures on the defective Electronic Shop Transportable, AN/TSM-191 (V) in accordance with TM 11-6625-3178-14. Fault(s) were annotated and repairs were made based on the repairers authorized level of maintenance.

Performance Measures

GO NO GO

NOTE: Read and followed all WARNINGS, CAUTIONs, and NOTEs given within TM 11-6625-3178-14.

- | | | |
|--|-------|-------|
| 1. Reviewed the operator's DA Form 2404 for faults annotated. | _____ | _____ |
| 2. Performed a visual inspection of the shelter. | _____ | _____ |
| 3. Performed troubleshooting procedures in accordance with TM 11-6625-3178-14. | _____ | _____ |
| 4. Located the fault. | _____ | _____ |

NOTE: Performed the General Safety Instructions prior to repairs.

- | | | |
|---|-------|-------|
| 5. Repaired the faulty component in accordance with TM 11-6625-3178-14. | _____ | _____ |
| 6. Verified repairs according to the instructions set forth by the last step when performing the installation procedures. | _____ | _____ |
| 7. Performed shelter power-down procedures in accordance with TM 11-6625-3178-14. | _____ | _____ |
| 8. Completed required maintenance forms and turned-in maintenance forms to team NCOIC for processing. (As required) | _____ | _____ |

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

References

Required

DA FORM 2404
TM 11-6625-3178-14

Related

DA PAM 738-750
TM 11-6625-3173-12-1
TM 11-6625-3178-24P
TM 9-6115-651-14&P

**Repair Line Replaceable Units (LRU) Using the Electrical-Electronic Test Station, AN/USM-632 (V)
093-35Y-1032**

Conditions: Given an emplaced Electronic Shop Transportable, AN/TSM-191 (V); Electrical-Electronic Equipment Test Station, AN/USM-632 (V); 60 KW generator set or commercial power source; faulty line replaceable unit(s) (LRU); DA Form 2404; appropriate technical manual to support the line replaceable unit(s) (LRU) under test; appropriate test program set (TPS); TM 9-6115-651-14&P; TM 11-6625-3173-12-1; TM 11-6625-3173-12-2; TM 11-6625-3173-30-1; and TM 11-6625-3178-14 in a field or garrison environment.

Standards: Performed repair procedures on the line replaceable units (LRU) utilizing the appropriate test program set (TPS) and appropriate technical manual to support the line replaceable unit(s) under test. Fault(s), if any, were annotated and computerized adjustments conducted and repairs made based on the repairers authorized level of maintenance.

Performance Measures GO NO GO

NOTE: Individual task number 093-35Y-1002, Operate the Electrical-Electronic Test Station, AN/USM-632 (V) has been performed.

- | | | |
|--|---|---|
| 1. Read and followed all WARNINGS, CAUTIONS and NOTES given within TM 11-6625-3173-12-1, TM 11-6625-3173-12-2 and the appropriate test program set (TPS) technical manual. | — | — |
| 2. Reviewed the remarks on the DA Form 2404 for faults annotated. | — | — |
| 3. Performed a visual inspection of the connectors, jacks, cables, and test points on the line replaceable unit (LRU) assembly for damage. | — | — |
| 4. Performed the test program operation procedures in accordance with TM 11-6625-3173-12-1 and screen displayed instructions; TM 11-6625-3173-12-2; and the appropriate test program set (TPS) technical manual procedures for the LRU under test. | — | — |
| a. Verified the compact disc contained the required TPS. | | |
| b. Verified the correct unit under test (UUT) part number were entered. | | |
| c. Verified the hookup procedures for the interface connection device (ICD) and unit under test (UUT) were done properly. | | |
| 5. Isolated the faulty component(s) within the UUT. | — | — |
| NOTE: Always follow the technical manual person's required statement when replacing any heavy piece of equipment. | | |
| 6. Repaired the UUT by following the screen display instructions and in conjunction with UUT technical manual procedures. | — | — |
| 7. Retested the UUT in accordance TM 11-6625-3173-12-1. | — | — |
| 8. Performed test station full power down procedures in accordance with TM 11-6625-3173-12-1. (As required) | — | — |
| 9. Completed required maintenance forms and turned-in maintenance forms to team NCOIC for processing. (As required) | — | — |

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

References

Required

DA FORM 2404

TM 11-6625-3173-12-1

TM 11-6625-3173-12-2

TM 11-6625-3173-30-1

TM 11-6625-3178-14

Related

DA PAM 738-750

TM 9-1425-649-40

TM 9-4935-649-34

TM 9-6115-651-14&P

**Prepare Maintenance Reports Using Administrative Services Menu
093-35Y-1034**

Conditions: Given an emplaced Electronic Shop Transportable, AN/TSM-191 (V); powered up Electrical-Electronic Equipment Test Station, AN/USM-632 (V); 60 KW generator set or commercial power source; TM 11-6625-3173-12-1 and TM 11-6625-3178-14 in a field or garrison environment.

Standards: Accessed the test station Administrative Services Menu, selected a printed copy of the desired report and made the certain administrative function selections required for that desired report in accordance with TM 11-6625-3173-12-1.

Performance Measures	<u>GO</u>	<u>NO GO</u>
NOTE: Individual task number 093-35Y-1002 has been performed.		
1. Read and followed all WARNINGS, CAUTIONS and NOTES given within TM 11-6625-3173-12-1.	—	—
2. Selected Administrative Services from the Base Shop Test Station (BSTS) main menu in accordance TM 11-6625-3173-12-1, Chapter 2.	—	—
3. Selected the desired report from the Administrative Software screen.	—	—
a. Operations Report / Pass down Log		
b. Tester Maintenance Report		
c. UUT Malfunction Report		
d. Interactive Report		
e. Complete Report		
f. Station Maintenance Report		
g. UUT Report		
4. Selected hard copy output when prompted by the test station monitor.	—	—
5. Correctly entered the required parameter data for the desired report.	—	—
6. Reviewed printed report.	—	—

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

References

Required

TM 11-6625-3173-12-1
TM 11-6625-3178-14

Related

TM 11-6625-3173-12-2
TM 11-6625-3173-30-1
TM 9-6115-651-14&P

Prepare the Integrated Family of Test Equipment (IFTE) for Movement
093-35Y-1040

Conditions: Given TM 9-6115-651-14&P, TM 11-6625-3173-12-1, TM 11-6625-3178-14, FM 3-100.4, TB 43-0124, TC 3-34.489 and DA Form 2404 prepare an emplaced Electronic Shop Transportable, AN/TSM-191 (V); Electrical-Electronic Equipment Test Station, AN/USM-632 (V); and 60 KW generator set for movement in a field or garrison environment.

Standards: Prepared an emplaced Electronic Shop Transportable, AN/TSM-191 (V); Electrical-Electronic Equipment Test Station, AN/USM-632 (V); and 60 KW generator set for movement in accordance with TB 43-0124, TM 9-6115-651-14&P, TM 11-6625-3173-12-1, TM 11-6625-3178-14. Also observed all of the safety warnings and state, post, and unit environmental cautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Read and followed all WARNINGS, CAUTIONS, and NOTES given within FM 3-100, TC 3-34.489, TM 9-6115-651-14&P, TM 11-6625-3173-12-1, and TM 11-6625-3178-14.	—	—
2. Performed test station full power down procedures in accordance with TM 11-6625-3173-12-1, Chapter 2. (If required)	—	—
3. Performed preparation for movement procedures in accordance with TM 11-6625-3173-12-1, Chapter 2. (As required)	—	—
a. Stowed keyboard		
b. Secured monitor carrier next to Bay A5 and installed the monitor transit support.		
c. Removed self-test, self-alignment or test program set from the gold dot receiver and stored them in their designated locations.		
d. Remove any optical disc cartridge from the optical disc drive.		
e. Removed weapon system UUT(s) from the test station.		
f. Stored all probes, cables, adapters, and technical manuals in test station storage bag and drawers.		
g. Installed the Gold dot interface connection device (ICD) receiver shipping fixture.		
4. Performed preparation for movement procedures in accordance with TM 11-6625-3178-14, Chapter 2. (As required)	—	—
a. Secured items to their designed brackets.		
b. Secured load bearing equipment, NBC clothing, tool kits, manuals in the miscellaneous storage cabinet.		
5. Powered down shelter in accordance with TM 11-6625-3178-14, Chapter 2.	—	—
6. Installed environmental control unit (ECU) drain plug and cover.	—	—
7. Removed the primary power connection and shelters drain plug.	—	—
a. Ensured generator set(s) were powered-down in accordance with the procedures in the appropriate technical manual.		
b. Disconnected power cable(s) from the power source and input connector.		
c. Rolled up power cable onto cable reel and secured reel to shelter floor. (With a required helper)		
d. Removed drain plug from receptacle in shelter floor.		
8. Recovered and secured grounding rod and strap.	—	—
9. Recovered ladder and secured it in accordance with TM 11-6625-3178-14 requiring a two-man lift.	—	—

Performance Measures

GO **NO GO**

10. Ensured shelter tie-downs were secured.

— —

11. Ensured turnbuckle assemblies were properly tightened in accordance with TB 43-0124.

— —

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

References

Required

DA FORM 2404

FM 3-100.4

TB 43-0124

TC 3-34.489

TM 11-6625-3173-12-1

TM 11-6625-3178-14

TM 9-6115-651-14&P

Related

DA PAM 738-750

FM 55-30

STP 21-24-SMCT

**Repair the Monitor
093-35Y-1042**

Conditions: Given an emplaced Electronic Shop Transportable, AN/TSM-191 (V); Electrical-Electronic Equipment Test Station, AN/USM-632 (V) with malfunctioning monitor; 60 KW generator set or commercial power source; DA Form 2404; TM 9-6115-651-14&P; TM 11-6625-3178-14; TM 11-6625-3173-12-1, TM 11-6625-3173-12-2, and TM 11-6625-3173-30-1 in a field or garrison environment.

Standards: The repairer performed repair procedures on a faulty monitor in accordance with TM 11-6625-3173-12-1 and TM 11-6625-3173-12-2. Monitor fault(s) were annotated on a completed DA Form 2404.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Read and followed all WARNINGS, CAUTIONS and NOTES given within TM 11-6625-3173-12-1, TM 11-6625-3173-12-2 and TM 11-6625-3173-30-1.	—	—
2. Performed a visual inspection for damage and proper connection to the monitor and the selected power configuration switch and connected cables.	—	—
3. Performed the unit level monitor manual troubleshooting procedures in accordance with TM 11-6625-3173-12-1, Chapter 3. (As required)	—	—
a. Determined monitor malfunction by following the monitor inoperative flow diagram. (As required)		
(1) Adjusted intensity. (If required)		
(2) Performed Control System Reset. (If required)		
NOTE: Always follow the technical manual person's required statement when replacing any heavy piece of equipment.		
(3) Replaced monitor. (If required, locate an assist to help replace the monitor.)		
b. Reran the system self-test to verify the test station was operational.		
c. Performed test station full power down procedures in accordance with TM 11-6625-3173-12-1.		
d. Referred Electrical-Electronic Equipment Test Station to Direct Support Maintenance. (If required)		
4. Completed required maintenance forms and turned-in maintenance forms to team NCOIC for processing. (As required)	—	—

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

References

Required

- DA FORM 2404
- TM 11-6625-3173-12-1
- TM 11-6625-3173-12-2
- TM 11-6625-3173-30-1
- TM 11-6625-3178-14
- TM 9-6115-651-14&P

Related

- DA PAM 738-750
- TM 11-6625-3173-24P
- TM 11-6625-3173-30-2

**Repair Shop Replaceable Units (SRU's) Using the General Support Test Program Set
093-35Y-1060**

Conditions: Given an emplaced Electronic Shop Transportable, AN/TSM-191 (V); Electrical-Electronic Equipment Test Station, AN/USM-632 (V); Test Program Set, TS-4449/USM; 60 KW generator set or commercial power source; faulty shop replaceable unit(s) (SRU); DA Form 2404; TM 9-6115-651-14&P; TM 9-6625-901-24; TM 11-6625-3173-12-1; TM 11-6625-3173-12-2; TM 11-6625-3173-30-1; and TM 11-6625-3178-14 in a field or garrison environment.

Standards: Performed the repair procedures on the shop replaceable units using Test Program Set, TS-4449 in accordance with TM 9-6625-901-24, TM 11-6625-3173-12-1 and TM 11-6625-3173-12-2. Fault(s) were annotated, computerized adjustments conducted and repairs made based on the repairer's authorized level of maintenance.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Read and followed all WARNINGS, CAUTIONS and NOTES given within TM 11-6625-3173-12-1, TM 11-6625-3173-12-2, and TM 11-6625-901-24.	—	—
2. Performed test program set (TPS) software operation procedures in accordance with TM 11-6625-901-24, Chapter 4 and followed information displayed on the monitor. <ul style="list-style-type: none"> a. Reviewed the TPS data sheet before running the TPS. b. Verified the proper operation of the test station and the test program set (TPS) equipment used for testing a unit under test (UUT) by running "Run All Tests" procedures for the first time since powering up the test station. (As required) 	—	—
3. Performed the unit under test (UUT) procedures within the Test Program Operation in accordance with TM 11-6625-3173-12-1, Chapter 2; the required test program set manual for the component under test, and followed the information displayed on the test station monitor screen. <ul style="list-style-type: none"> a. Followed troubleshooting procedures in accordance with instruction displayed on the test station monitor. (As required) b. Repaired faulty test station or other supported system unit under test assembly. (As required) <p style="margin-left: 40px;">NOTE: Always follow the technical manual person's required statement when replacing any heavy piece of equipment.</p> <ul style="list-style-type: none"> c. Performed test station self-test program to verify test station repairs, only if identified as a displayed fault listed above. (As required) 	—	—
4. Performed test station full power down procedures in accordance with TM 11-6625-3173-12-1. (If required)	—	—
5. Completed required maintenance forms and turned-in maintenance forms to team NCOIC for processing. (As required)	—	—

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

References

Required

DA FORM 2404
TM 11-6625-3173-12-1
TM 11-6625-3173-12-2

Related

DA PAM 738-750

References

Required

TM 11-6625-3173-30-1
TM 11-6625-3178-14
TM 9-6115-651-14&P
TM 9-6625-901-24

Related

**Perform General Support Maintenance on the Audio Output
093-35Y-1061**

Conditions: Given an emplaced and powered up Electronic Shop Transportable, AN/TSM-191 (V); Electrical-Electronic Equipment Test Station, AN/USM-632 (V) with a defective audio output assembly; 60 KW generator set or commercial power source; DA Form 2404; TM 11-6625-3173-12-1; TM 11-6625-3173-30-1; and TM 9-6625-3173-40-1 in a field or garrison environment.

Standards: Performed troubleshooting and repair procedures on a faulty audio output assembly within the test station using the self-test menu procedures in accordance with TM 11-6625-3173-12-1. Faults were annotated and repairs made based on the repairers authorized level of maintenance.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Read and followed all WARNINGS, CAUTIONS, and NOTES given within TM 11-6625-3173-12-1, TM 11-6625-3173-30-1, and TM 9-6625-3173-40-1.	—	—
2. Reviewed the operator's DA Form 2404 for faults annotated.	—	—
3. Used self-test operation procedures to determine that the audio output did not produce any alarm tone during the first part of the Audio Output test.	—	—
4. Performed audio output troubleshooting procedures in accordance with TM 9-6625-3173-40-1, Chapter 2.	—	—
5. Used audio output schematic diagram to verify failure according to TM 9-6625-3173-40-1. (As required)	—	—
6. Performed audio output inspection procedures before maintenance operations.	—	—
7. Replaced faulty component within the audio output assembly in accordance with TM 9-6625-3173-40-1.	—	—
8. Performed audio output inspection procedures after maintenance operations.	—	—
9. Repeated troubleshooting procedures to verify operational capability.	—	—
10. Performed individual self-test in the fault detection mode program to verify repair.	—	—
11. Performed test station full power down procedures in accordance with TM 11-6625-3173-12-1.	—	—
12. Completed required maintenance forms and turned-in maintenance forms to team NCOIC for processing. (As required)	—	—

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

References

Required

DA FORM 2404
 TM 11-6625-3173-12-1
 TM 11-6625-3173-30-1
 TM 9-6625-3173-40-1

Related

DA PAM 738-750
 TM 11-6625-3173-12-2
 TM 11-6625-3173-30-2
 TM 11-6625-3178-14
 TM 9-6115-651-14&P

**Perform General Support Maintenance on the Virtual Instrument Chassis (VIC)
093-35Y-1062**

Conditions: Given an emplaced Electronic Shop Transportable, AN/TSM-191 (V); Electrical-Electronic Equipment Test Station, AN/USM-632 (V) with a defective virtual instrument chassis (VIC) assembly; 60 KW generator set or commercial power source; DA Form 2404; TM 11-6625-3178-14; TM 11-6625-3173-12-1; TM 11-6625-3173-12-2, TM 11-6625-3173-30-1, TM 9-6625-3173-40-1, and TM 11-6625-3174-13 in a field or garrison environment.

Standards: Performed repair procedures on the virtual instrument chassis (VIC) in accordance with TM 11-6625-3173-12-1 and TM 11-6625-3173-12-2. Fault(s), if any, were annotated, computerized adjustments conducted and repairs made based on the repairer's authorized level of maintenance.

Performance Measures	<u>GO</u>	<u>NO GO</u>
NOTE: Individual task number 093-35Y-1002 has been performed.		
1. Read and followed all WARNINGS, CAUTIONS, and NOTES given within TM 11-6625-3173-12-1, TM 11-6625-3173-30-1, TM 9-6625-3173-40-1, and TM 9-6625-3173-40-2.	—	—
2. Reviewed the operators and direct support maintenance repairers comments on DA Form 2404 for faults annotated.	—	—
3. Performed individual self-test on faulty item in fault isolation mode.	—	—
4. Verified the fault persists.	—	—
5. Reviewed displayed fault candidate lists.	—	—
6. Verified direct support troubleshooting procedures performed to isolate faulty component.	—	—
7. Performed Test Program Operation procedures in accordance with TM 11-6625-3173-12-1, displays on the monitor, and test program set manuals for faulty component.	—	—
a. Performed troubleshooting of assemblies located in Analog VIC in accordance with TM 11-6625-3173-12-1, TM 11-6625-3173-30-1, TM 9-6625-3173-40-1 and TM 9-6625-3173-40-2. (As required)		
b. Performed troubleshooting of assemblies located in Digital VIC in accordance with TM 11-6625-3173-12-1, TM 11-6625-3173-30-1, TM 9-6625-3173-40-1 and TM 9-6625-3173-40-2. (As required)		
8. Replaced faulty component in accordance with applicable technical manual and test program set software procedures.	—	—
9. Reran the system self-test program to verify the test station was operational.	—	—
10. Performed test station full power down procedures in accordance with TM 11-6625-3173-12-1 and TM 11-6625-3174-13.	—	—
11. Completed required maintenance forms and turned-in maintenance forms to team NCOIC for processing. (As required)	—	—

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

References

Required

DA FORM 2404
TM 11-6625-3173-12-1
TM 11-6625-3173-12-2
TM 11-6625-3173-30-1
TM 11-6625-3174-13
TM 11-6625-3178-14
TM 9-6625-3173-40-1

Related

DA PAM 738-750
TM 11-6625-3173-30-2

**Maintain the Electrical-Electronic Test Station, AN/USM-632 (V)
093-35Y-1063**

Conditions: Given an emplaced and powered up Electronic Shop Transportable, AN/TSM-191 (V); Electrical-Electronic Equipment Test Station, AN/USM-632 (V); 60 KW generator set or commercial power source; DA Form 2404; TM 11-6625-3174-13; TM 11-6625-3178-14; TM 11-6625-3173-12-1; TM 11-6625-3173-12-2; TM 11-6625-3173-30-1; TM 11-6625-3173-30-2, TM 9-6625-3173-40-1; and TM 9-6625-3173-40-2 in a field or garrison environment.

Standards: The operator maintained the test station utilizing the test station's available system test. The test station was verified utilizing the following system test to maintain the test station; test station self-test operation, self-alignment operation, system services, and test program set (TPS) operation according to the test station technical manuals.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Read and followed all WARNINGS, CAUTIONS, and NOTES given within TM 11-6625-3173-12-1, TM 11-6625-3173-12-2, TM 11-6625-3174-13, TM 11-6625-3173-30-1, TM 11-6625-3173-30-2, TM 9-6625-3173-40-1, and TM 9-6625-3173-40-2.	—	—
2. Performed test station Power-Up procedures in accordance with TM 11-6625-3173-12-1, TM 11-6625-3173-12-2, and TM 11-6625-3173-13. (As required)	—	—
3. Performed indicator check procedures in accordance with TM 11-6625-3173-12-1 and TM 11-6625-3173-12-2. (As required)	—	—
4. Performed Logon procedures in accordance with TM 11-6625-3173-12-1 and TM 11-6625-3173-12-2. (As required)	—	—
5. Performed self-test operation procedures in accordance with TM 11-6625-3173-12-1 and TM 11-6625-3173-12-2. (As required)	—	—
6. Performed self-alignment operation in accordance with TM 11-6625-3173-12-1 and TM 11-6625-3173-12-2. (As required)	—	—
7. Checked error messages. (As required)	—	—
a. Performed testing procedures on faulty component in accordance with appropriate technical manual. (If required)		
b. Replaced the faulty component in accordance with appropriate technical manual. (If required)		
c. Reran the appropriate test to verify fault was corrected. (If required)		
8. Performed test station full power down procedures in accordance with TM 11-6625-3173-12-1 and TM 11-6625-3174-13.	—	—
9. Completed required maintenance forms and turned-in maintenance forms to team NCOIC for processing. (As required)	—	—

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

References

Required

DA FORM 2404
TM 11-6625-3173-12-1
TM 11-6625-3173-12-2

Related

DA PAM 738-750
TM 11-6625-3173-24P
TM 11-6625-3178-24P

References

Required

TM 11-6625-3173-30-1
TM 11-6625-3173-30-2
TM 11-6625-3174-13
TM 11-6625-3178-14
TM 9-6625-3173-40-1
TM 9-6625-3173-40-2

Related

TM 11-6625-3266-24&P
TM 9-6115-651-14&P

Subject Area 2: Operate the Electronic Repair Shelter, OA-8991/TSM-191 (V)

**Repair Multi-Layer Circuit Board to Industrial Standards
093-35Y-1068**

Conditions: Given an emplaced Electronic Repair Shelter, OA-8991/TSM-191 (V); defective multi-layered circuit boards from either the Electrical-Electronic Equipment Test Station or Unit Under Test for repair; 60 KW generator set or commercial power source; DA Form 2404; TM 11-6625-3173-40-1; and TM 11-6625-751-14 in a field or garrison environment.

Standards: Repaired multi-layer circuit boards utilizing the components within the Electronic Repair Shelter, OA-8991/TSM-191 (V) while observing all environmental and safety warnings and cautions.

Performance Measures

NOTE: Individual task number 093-53Y-1081, Operate the Electronic Repair Shelter (ERS), OA-8991/TSM-191 (V) has been performed.

	<u>GO</u>	<u>NO GO</u>
1. Read and followed all cautions and warnings given in TM 11-6625-751-14, and the technical manuals for the defective multi-layer circuit board.	—	—
2. Reviewed the operator's DA Form 2404 on the faulty printed circuit board from the test station or from a unit under test for faults identified by using either the test station programs or using a test program set.	—	—
3. Performed inspection of the faulty circuit board for missing components, blisters, discoloration; broken, cracked or burnt components; warped or bent connectors; and damaged jacks.	—	—
4. Selected and prepared the required components within the Electronic Repair Shelter for operation to repair the faulty printed circuit board.	—	—
5. Replaced soldered component in accordance with TM 9-6625-3173-40-1, Chapter 4 or technical manual for the faulty printed circuit board.	—	—
6. Inspected the printed circuit board to ensure repairs were performed to Class III certified industry standards.	—	—
7. Powered down the required components within the Electronic Repair Shelter used for repairs on the faulty printed circuit board.	—	—
8. Completed required maintenance forms and turned-in maintenance forms to team NCOIC for processing. (As required)	—	—
9. Printed circuit board was sent back to be reinstalled within the line replaceable unit / shop replaceable unit for retesting by either the test station or test program set. (As required)	—	—
10. Performed power shutdown in accordance with TM 11-6625-751-14. (As required)	—	—

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

References

Required

DA FORM 2404
TM 11-6625-751-14
TM 9-6625-3173-40-1

Related

DA PAM 738-750
TM 11-6625-3173-12-1
TM 11-6625-3173-12-2

**References
Required**

Related

TM 11-6625-713-14&P
TM 11-6625-715-14&P
TM 11-6625-716-14&P
TM 11-6625-717-14&P
TM 11-6625-718-14-1
TM 11-6625-718-14-2
TM 5-4120-384-14
TM 9-2330-363-14&P
TM 9-6115-663-13&P
TM 9-6625-3173-40-2

**Repair Line Replaceable Units/Shop Replaceable Units Using the Electronic Repair Shelter (ERS),
OA-8991/TSM-191 (V)
093-35Y-1080**

Conditions: Given an emplaced Electronic Repair Shop (ERS), OA-8991/TSM-191 (V); faulty component from a line replaceable unit or shop replaceable unit for testing; 60 KW generator set or commercial power source; DA Form 2404; FM 3-100.4; TC 3-34.489; TM 9-6115-633-13&P; TM 11-6625-713-14&P; TM 11-6625-715-14&P; TM 11-6625-716-14&P; TM 11-6625-717-14&P; TM 11-6625-718-14-1; TM 11-6625-718-14-2; and TM 11-6625-751-14 in a field or garrison environment.

Standards: Repaired the faulty components within a line replaceable unit or shop replaceable unit identified during testing within the Electrical-Electronic Equipment Test Station utilizing the Electronic Repair Shelter, OA-8991/TSM-191 (V) while observing all environmental and safety warnings and cautions.

Performance Measures

GO NO GO

NOTE: Individual task number 093-53Y-1081, Operate the Electronic Repair Shelter (ERS), OA-8991/TSM-191 (V) has been performed.

- | | | |
|--|---|---|
| 1. Read and followed all WARNINGS, CAUTIONS, and NOTES given within TM 11-6625-713-14&P, TM 11-6625-715-14&P, TM 11-6625-716-14&P, TM 11-6625-717-14&P, TM 11-6625-718-14-1, TM 11-6625-718-14-2, and TM 11-6625-751-14. | — | — |
| 2. Reviewed the operator's DA Form 2404 for faults annotated. | — | — |
| 3. Performed visual inspection of the faulty circuit board for missing components, blisters, discoloration; broken, cracked, or burnt components; warped or bent connectors; and damaged jacks. | — | — |
| 4. Selected and prepared the required components within the Electronic Repair Shelter for operation to repair the faulty printed circuit board from a line replaceable unit or shop replaceable unit. | — | — |
| 5. Ran test program set on the faulty unit under test (UUT) utilizing the VTS 1000 Tester. | — | — |
| 6. Isolated the faulty component(s) on the UUT. | — | — |
| 7. Replaced faulty component on the UUT utilizing the components within the ERS. (As required) | — | — |
| 8. Inspected the printed circuit board to ensure repairs were performed to Class III certified industry standards. | — | — |
| 9. Completed required maintenance forms and turned-in maintenance forms to team NCOIC for processing. (As required) | — | — |
| 10. Printed circuit board was sent back to be installed or reinstalled within the line replaceable unit / shop replaceable unit for retesting by either the test station or test program set. (As required) | — | — |
| 11. Performed power shutdown in accordance with TM 11-6625-751-14. (As required) | — | — |

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

References

Required

DA FORM 2404
FM 3-100.4
TC 3-34.489
TM 11-6625-713-14&P
TM 11-6625-715-14&P
TM 11-6625-716-14&P
TM 11-6625-717-14&P
TM 11-6625-718-14-1
TM 11-6625-718-14-2
TM 11-6625-751-14
TM 9-6115-663-13&P

Related

DA PAM 738-750
TB 385-4
TM 5-4120-384-14
TM 750-244-2
TM 9-2330-363-14&P

Operate the Electronic Repair Shelter (ERS), OA-8991/TSM-191 (V)
093-35Y-1081

Conditions: Given an emplaced Electronic Repair Shop (ERS), OA-8991/TSM-191 (V); 60 KW generator set or commercial power source; DA Form 2404; FM 3-100.4; TB 385-4; TC 3-34.489; TM 5-4120-384-14; TM 9-2330-363-14&P; TM 9-6115-633-13&P; TM 11-6625-713-14&P; TM 11-6625-715-14&P; TM 11-6625-716-14&P; TM 11-6625-717-14&P; TM 11-6625-718-14-1; TM 11-6625-718-14-2; and TM 11-6625-751-14 in a field or garrison environment.

Standards: Performed Preliminary Turn On and Turn-On procedures in accordance with TM 11-6625-751-14 for the Electronic Repair Shelter (ERS) and observed all safety and environmental cautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Read and followed all WARNINGS, CAUTIONS, and NOTES given within TB 385-4, TM 5-4120-384-14, TM 9-2330-363-14&P, TM 9-6115-663-13&P, TM 11-6625-718-14-1, TM 11-6625-713-14&P, TM 11-6625-715-14&P, TM 11-6625-716-14&P, TM 11-6625-717-14&P, TM 11-6625-718-14-2, and TM 11-6625-751-14.	—	—
2. Performed preliminary turn on procedures in accordance with TM 11-6625-751-14 and TM 9-6115-663-13&P. (As required)	—	—
3. Performed turn-on procedures in accordance with TM 11-6625-751-14.	—	—
4. Operated the Air Conditioner in accordance with TM 5-4120-384-14. (As required)	—	—
5. Operated the portable space heaters. (As required)	—	—
6. Operated the Micro Blaster Station in accordance with TM 11-6625-751-14 and TM 11-6625-713-14&P. (As required)	—	—
7. Operated the Fume Extractor in accordance with TM 11-6625-751-14 and PACE Fume Extractor Systems Operation and Maintenance Manual. (As required)	—	—
8. Operated the Surface Mounted Device (SMD) in accordance with TM 11-6625-751-14 and TM 11-6625-717-14&P. (As required)	—	—
9. Operated the THELCO Conformal Oven in accordance with TM 11-6625-751-14 and TM 11-6625-715-14&P. (As required)	—	—
10. Operated the VTS-1000 Series Tester in accordance with TM 11-6625-718-14-1 and TM 11-6625-718-14-2. (As required)	—	—
11. Operated the Mantis Stereo Viewing System in accordance with TM 11-6625-716-14&P. (As required)	—	—
12. Performed power shutdown in accordance with TM 11-6625-751-14. (As required)	—	—
13. Completed required maintenance forms and turned-in maintenance forms to team NCOIC for processing. (If required)	—	—

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

References

Required
 DA FORM 2404
 FM 3-100.4

Related
 DA PAM 738-750

References

Required

TB 385-4
TC 3-34.489
TM 11-6625-713-14&P
TM 11-6625-715-14&P
TM 11-6625-716-14&P
TM 11-6625-717-14&P
TM 11-6625-718-14-1
TM 11-6625-718-14-2
TM 11-6625-751-14
TM 5-4120-384-14
TM 9-2330-363-14&P
TM 9-6115-663-13&P

Related

**Perform Preventive Maintenance Checks and Services on the Electronic Repair Shelter (ERS), OA-8991/TSM-191 (V)
093-35Y-1082**

Conditions: Given an emplaced Electronic Repair Shelter (ERS), OA-8991/TSM-191 (V); 60 KW generator set or commercial power source; DA Form 2404; FM 3-100.4; TB 385-4; TC 3-34.489; TM 5-4120-384-14; TM 9-2330-363-14&P; TM 9-6115-663-13&P; TM 11-6625-713-14&P; TM 11-6625-715-14&P; TM 11-6625-716-14&P; TM 11-6625-717-14&P; TM 11-6625-718-14-1; TM 11-6625-718-14-2; and TM 11-6625-751-14 in a field or garrison environment.

Standards: Performed the required regularly interval preventive maintenance checks and services (PMCS) on the Electronic Repair Shelter, OA-8991/TSM-191 (V) while observing all environmental and safety warnings and cautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Read and followed all WARNINGS, CAUTIONS, and NOTES given within TB 385-4, TM 5-4120-384-14, TM 9-2330-363-14&P, TM 9-6115-663-13&P, TM 11-6625-718-14-1, TM 11-6625-713-14&P, TM 11-6625-715-14&P, TM 11-6625-716-14&P, TM 11-6625-717-14&P, TM 11-6625-718-14-2, and TM 11-6625-751-14.	—	—
2. Identified which type of PMCS interval(s) and level(s) were required according to maintenance records.	—	—
a. Operator - During interval		
b. Operator - Weekly interval		
c. Operator - Monthly interval		
d. Unit - Weekly interval		
e. Unit - Monthly interval		
f. Unit - Quarterly interval		
g. Unit - Semi Annual interval		
h. Unit - Annual interval		
3. Performed operator during (D) PMCS.	—	—
4. Performed operator weekly (W) PMCS. (As required)	—	—
5. Performed operator monthly (M) PMCS. (As required)	—	—
6. Performed unit level weekly (W) PMCS. (As required)	—	—
7. Performed unit level monthly (M) PMCS. (As required)	—	—
8. Performed unit level quarterly (Q) PMCS. (As required)	—	—
9. Performed unit level semi annual (S) PMCS. (As required)	—	—
10. Performed unit level annual (A) PMCS. (As required)	—	—
11. Performed power-down procedures in accordance with TM 11-6625-751-14.	—	—
12. Completed required maintenance forms and turned-in maintenance forms to team NCOIC for processing. (If required)	—	—

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

References

Required

DA FORM 2404
FM 3-100.4
TB 385-4
TC 3-34.489
TM 11-6625-713-14&P
TM 11-6625-715-14&P
TM 11-6625-716-14&P
TM 11-6625-717-14&P
TM 11-6625-718-14-1
TM 11-6625-718-14-2
TM 11-6625-751-14
TM 5-4120-384-14
TM 9-2330-363-14&P
TM 9-6115-663-13&P

Related

DA PAM 738-750
TB 43-0118

**Repair the Electronic Repair Shelter (ERS), OA-8991/TSM-191 (V)
093-35Y-1083**

Conditions: Given an emplaced Electronic Repair Shelter (ERS), OA-8991/TSM-191 (V) with a faulty component; 60 KW generator set or commercial power source; DA Form 2404; TM 5-4120-384-14; TM 9-2330-363-14&P; TM 9-6115-663-13&P; TM 11-6625-713-&P; TM 11-6625-715-14&P; TM 11-6625-716-14&P; TM 11-6625-717-14&P; TM 11-6625-718-14-1; TM 11-6625-718-14-2; and TM 11-6625-751-14 in a field or garrison environment.

Standards: Performed repair procedures on a faulty component within the Electronic Repair Shelter (ERS), OA-8991/TSM-191 in accordance with TM 11-6625-751-14 and faulty components technical manual as required. Repaired fault(s) annotated and repairs were made based on the repairer's authorized level of maintenance.

Performance Measures

GO NO GO

NOTE: Individual task number 093-53Y-1081, Operate the Electronic Repair Shelter (ERS), OA-8991/TSM-191 (V) has been performed.

- | | | |
|--|-------|-------|
| 1. Read and followed all WARNINGS, CAUTIONS, and NOTES given within TM 5-4120-384-14, TM 9-2330-363-14&P, TM 9-6115-663-13&P, TM 11-6625-713-14&P, TM 11-6625-715-14&P, TM 11-6625-716-14&P, TM 11-6625-717-14&P, TM 11-6625-718-14-1, TM 11-6625-718-14-2, and TM 11-6625-751-14. | _____ | _____ |
| 2. Reviewed the operator's DA Form 2404 for faults annotated. | _____ | _____ |
| 3. Performed a visual inspection of the faulty component for missing parts, broken or bent connectors, jacks, hoses or cables; cracked glass; inspected switches, meters, circuit breaker, and test points for damage. | _____ | _____ |
| 4. Performed troubleshooting procedures in accordance with TM 11-6625-751-14. (As required) | _____ | _____ |
| 5. Located the fault. | _____ | _____ |
| 6. Repaired the faulty component. (As required) | _____ | _____ |
| 7. Verified faulty component repairs. (As required) | _____ | _____ |
| 8. Performed power shutdown in accordance with TM 11-6625-751-14. (As required) | _____ | _____ |
| 9. Completed required maintenance forms and turned-in maintenance forms to team NCOIC for processing. (If required) | _____ | _____ |

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

References

Required

- DA FORM 2404
- TM 11-6625-713-14&P
- TM 11-6625-715-14&P
- TM 11-6625-716-14&P
- TM 11-6625-717-14&P
- TM 11-6625-718-14-1
- TM 11-6625-718-14-2
- TM 11-6625-751-14
- TM 5-4120-384-14

Related

- DA PAM 738-750

References

Required

TM 9-2330-363-14&P

TM 9-6115-663-13&P

Related

Subject Area 3: Electro-Optics Test Facility (EOTF)

**Repair the VXI Chassis Within the Electro-Optics Test Facility (EOTF)
093-35Y-1090**

Conditions: Given an emplaced Electronic Shop Transportable, AN/TSM-191 (V); Electrical-Electronic Equipment Test Station, AN/USM-632 (V) with a defective Vera Module European (VME) bus Extensions for Instrumentation (VXI) chassis; 60 KW generator set or commercial power source; DA Form 2404; TM 11-6625-3178-14 and TM 11-6625-3174-13 in a field or garrison environment.

Standards: Performed repair procedures on the VME bus Extensions for Instrumentation (VXI) chassis in accordance with TM 11-6625-3174-13. Fault(s) if any, were annotated, computerized adjustments conducted and repairs made based on the repairers authorized level of maintenance.

Performance Measures

NOTE: Individual task number 093-35Y-1002, Operate the Electrical-Electronic Test Station, AN/USM-632 (V).

	<u>GO</u>	<u>NO GO</u>
1. Read and followed all WARNINGS, CAUTIONS, and NOTES given within TM 11-6625-3174-13.	—	—
2. Reviewed the operator's comments on DA Form 2404 for fault "can not boot Analog VXI" assembly.	—	—
3. Verified the fault persists using available IFTE system programs testing capabilities.	—	—
4. Reviewed displayed fault candidate lists.	—	—
5. Isolated faulty component.	—	—
6. Performed test station partial power down procedures.	—	—
7. Replaced faulty component in accordance with technical manual.	—	—
8. Performed test station power up procedures.	—	—
9. Updated or verified Ethernet address as described in the operating software loading procedures. (As required)	—	—
10. Performed self-test of faulty item in fault detection mode. (As required)	—	—
11. Performed self-alignment procedures on faulty component. (As required)	—	—
12. Reran the system self-test program to verify the test station was operational.	—	—
13. Completed required maintenance forms and turned-in maintenance forms to team NCOIC for processing. (As required)	—	—
14. Performed test station full power down procedures. (As required)	—	—

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

References

Required
DA FORM 2404
TM 11-6625-3174-13

Related
DA PAM 738-750
TM 11-6625-3266-24&P

References

Required

TM 11-6625-3178-14

Related

TM 11-6625-3267-24&P

TM 11-6625-3613-14&P

TM 9-6115-651-14&P

**Replace the Electro-Optic Module (EOM)
093-35Y-1091**

Conditions: Given an emplaced Electronic Shop Transportable, AN/TSM-191 (V); Electrical-Electronic Equipment Test Station, AN/USM-632 (V) with a defective Electro-Optic module (EOM) assembly; 60 KW generator set or commercial power source; DA Form 2404; TM 11-6625-3178-14 and TM 11-6625-3174-13 in a field or garrison environment.

Standards: Performed repair procedures on the Electro-Optic module (EOM) assembly in accordance with TM 11-6625-3174-13. Fault(s) if any, were annotated, computerized adjustments conducted and repairs made based on the repairer's authorized level of maintenance.

Performance Measures	<u>GO</u>	<u>NO GO</u>
NOTE: Individual task number 093-35Y-1002, Operate the Electrical-Electronic Test Station, AN/USM-632 (V).		
1. Read and followed all WARNINGS, CAUTIONS, and NOTES given within TM 11-6625-3174-13.	—	—
2. Reviewed the operator's comments on DA Form 2404 identifying a faulty electro-optic module (EOM) assembly.	—	—
3. Verified the electro-optic module assembly as the fault component using the available IFTE system programs testing capabilities.	—	—
4. Performed test station partial power down procedures.	—	—
5. Replaced the faulty EOM component.	—	—
6. Performed loading EOM calibration factors procedures. (As required)	—	—
7. Performed test station power up procedures.	—	—
8. Performed individual self-test in fault detection mode procedures on the EOM component. (As required)	—	—
9. Completed required maintenance forms and turned-in maintenance forms to team NCOIC for processing. (As required)	—	—
10. Performed test station full power down procedures. (As required)	—	—

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

References

Required

- DA FORM 2404
- TM 11-6625-3174-13
- TM 11-6625-3178-14

Related

- DA PAM 738-750
- TM 11-6625-3178-24P
- TM 11-6625-3266-24&P
- TM 11-6625-3267-24&P
- TM 11-6625-3613-14&P
- TM 9-6115-651-14&P

**Install Electro-Optic Module (EOM) Software and Calibration Factors
093-35Y-1092**

Conditions: Given an emplaced Electronic Shop Transportable, AN/TSM-191 (V); Electrical-Electronic Equipment Test Station, AN/USM-632 (V); 60 KW generator set or commercial power source; DA Form 2404; TM 11-6625-3178-14 and TM 11-6625-3174-13 in a field or garrison environment.

Standards: Soldier loaded the operating system software and Electro-Optic Module calibration factors within the Electrical-Electronic test station in accordance with TM 11-6625-3174-13. Fault(s) if any, were annotated, computerized adjustments conducted and repairs made based on the repairer's authorized level of maintenance.

Performance Measures	<u>GO</u>	<u>NO GO</u>
NOTE: Individual task numbers 093-35Y-1002, Operator the Electrical-Electronic Test Station, AN/USM-632 (V) have already been performed.		
1. Read and followed WARNINGS, CAUTIONS, and NOTES given within TM 11-6625-3174-13 and TM 11-6625-751-14. (As required)	—	—
2. Loaded operating system software in accordance with TM 11-6625-3174-13. (As required)	—	—
3. Loaded Electro-Optic Module calibration factors in accordance with TM 11-6625-3174-13. (As required)	—	—
4. Completed required maintenance forms and turned-in maintenance forms to team NCOIC for processing. (As required)	—	—
5. Performed test station full power down procedures. (As required)	—	—

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

References

Required

DA FORM 2404
TM 11-6625-3174-13
TM 11-6625-3178-14

Related

DA PAM 738-750

Subject Area 4: Test Station, Electrical-Electronic, AN/USM-674 (V)

**Operate the Test Station, Electrical-Electronic, AN/USM-674 (V)
093-35Y-1100**

Conditions: Given an emplaced Electronic Repair Shop (ERS), OA-8991/TSM-191 (V); Test Station, Electrical-Electronic, AN/USM-674; 60 KW generator set or commercial power source; DA Form 2404; ST 900-HN-GPT-020, TM 11-6625-714-14&P, and TM 11-6625-751-14 in a field or garrison environment.

Standards: Soldier performed the ProTrack I initial startup and power on and ProTrack Scanner I setup and operation procedures in accordance with ST 900-HN-GPT-020 (Navy technical manual) and TM 11-6625-714-14&P for the ProTrack I Model 20A/Protrack Scanner I and observed all safety cautions.

Performance Measures

NOTE: Individual task number 093-53Y-1081, Operate the Electronic Repair Shelter (ERS), OA-8991/TSM-191 (V) has been performed.

	<u>GO</u>	<u>NO GO</u>
1. Removed the Test Station, Electrical-Electronic, AN/USM-674 (V) items from the transit case.	—	—
2. Performed a visual inspection of the Test Station, Electrical-Electronic, AN/USM-674 components for damage.	—	—
3. Performed the initial startup and power on procedures for the ProTrack I in accordance with ST 900-HN-GPT-020 and TM 11-6625-714-14&P. (As required)	—	—
4. Verified the Firmware version was 4.0 or later.	—	—
5. Ran automatic calibration on the ProTrack I. (As required)	—	—
6. Performed the setup and basic operation procedures for the ProTrack I with a Scanner in accordance with ST 900-HN-GPT-020 and TM 11-6625-714-14&P.	—	—
7. Loaded software updates and / or quarterly test routines. (As required)	—	—
8. Powered down the Test Station, Electrical-Electronic, AN/USM-674 (V).	—	—
9. Completed required maintenance forms and turned-in maintenance forms to team NCOIC for processing. (If required)	—	—

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

References

Required

DA FORM 2404
ST 900-HN-GPT-020
TM 11-6625-714-14&P
TM 11-6625-751-14

Related

DA PAM 738-750
TM 5-4120-384-14
TM 9-6115-663-13&P

**Store the Test Station, Electrical-Electronic, AN/USM-674 (V)
093-35Y-1101**

Conditions: Given an emplaced Electronic Repair Shop (ERS), OA-8991/TSM-191 (V); assembled Test Station, Electrical-Electronic, AN/USM-674; 60 KW generator set or commercial power source; DA Form 2404; ST 900-HN-GPT-020 and TM 11-6625-751-14 in a field or garrison environment.

Standards: The soldier stored the Test Station, Electrical-Electronic, AN/USM-674 within the Electronic Repair Shelter, OA-8991/TSM-191 and observed all safety cautions.

Performance Measures

GO NO GO

NOTE: Individual task number 093-35Y-1100, Operate the Test Station, Electrical-Electronic, AN/USM-674 (V) has been performed.

- | | | |
|--|---|---|
| 1. Disassembled the Test Station, Electrical-Electronic, AN/USM-674 (V). | — | — |
| 2. Performed a visual inspection of the equipment for any type of damage. | — | — |
| 3. Verified all of the components for the Electrical-Electronic Test Station were accounted for. | — | — |
| 4. Placed components of the Test Station, Electrical-Electronic, AN/USM-674 (V) into equipment transit case properly. | — | — |
| 5. Completed required maintenance forms and turned-in maintenance forms to team NCOIC for processing. (If required) | — | — |
| 6. Performed power shutdown for the Electronic Repair Shelter, OA-8991/TSM-191 in accordance with TM 11-6625-751-14. (As required) | — | — |

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

References

Required

DA FORM 2404
ST 900-HN-GPT-020
TM 11-6625-751-14

Related

DA PAM 738-750
TM 11-6625-714-14&P
TM 5-4120-384-14
TM 9-6115-663-13&P

**Repair Circuit Cards Using the Test Station, Electrical-Electronic, AN/USM-674 (V)
093-35Y-1102**

Conditions: Given an emplaced Electronic Repair Shop (ERS), OA-8991/TSM-191 (V); Test Station, Electrical-Electronic, AN/USM-674; faulty printed circuit boards; 60 KW generator set or commercial power source; DA Form 2404; ST 900-HN-GPT-020; TM 11-6625-713-14&P; TM 11-6625-714-14&P; TM 11-6625-715-14&P; TM 11-6625-716-14&P; TM 11-6625-717-17&P; and TM 11-6625-751-14 in a field or garrison environment.

Standards: Soldier performed printed circuit board repairs using the ProTrack I / ProTrack Scanner I in accordance with ST 900-HN-GPT-020 (Navy technical manual) and TM 11-6625-714-14&P while observing both environmental and safety warnings and cautions.

Performance Measures

GO NO GO

NOTE: Individual task number 093-35Y-1100, Operate the Test Station, Electrical-Electronic, AN/USM-674 (V) has been performed.

- | | | |
|--|---|---|
| 1. Read and followed WARNINGS, CAUTIONS, and NOTEs given within TM 11-6625-713-14&P, TM 11-6625-715-14&P, TM 11-6625-716-14&P, TM 11-6625-717-14&P, TM 11-6625-751-14 and ST 900-HN-GPT-020. (As required) | — | — |
| 2. Reviewed the operator's DA Form 2404 for faults annotated. | — | — |
| 3. Performed a visual inspection of the faulty component for missing parts, broken or bent connectors, jacks, cables, and test points for damage. | — | — |
| 4. Ran the appropriate test on the faulty printed circuit board / single component utilizing either test method, out-of-circuit or in-circuit component within the Test Station, Electrical-Electronic, AN/USM-674. (As required)
a. Tested passive components. (As required)
b. Tested discrete semiconductors. (As required)
c. Tested integrated circuits. (As required) | — | — |
| 5. Isolated the faulty component(s) on the printed circuit board. (As required) | — | — |
| 6. Selected and prepared the required components within the ERS for operation to repair the faulty printed circuit board. (As required) | — | — |
| 7. Replaced faulty component on the printed circuit board utilizing the components within the ERS. (As required) | — | — |
| 8. Inspected the printed circuit board to ensure repairs were performed to Class III certified industry standards. | — | — |
| 9. Completed required maintenance forms and turned-in maintenance forms to team NCOIC for processing. (As required) | — | — |
| 10. Performed power shutdown in accordance with TM 11-6625-751-14. (As required) | — | — |

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

References

Required

DA FORM 2404
ST 900-HN-GPT-020
TM 11-6625-713-14&P

Related

DA PAM 738-750
TM 5-4120-384-14
TM 9-2330-363-14&P

References

Required

TM 11-6625-714-14&P
TM 11-6625-715-14&P
TM 11-6625-716-14&P
TM 11-6625-717-14&P
TM 11-6625-751-14

Related

TM 9-6115-663-13&P

**Repair the Test Station, Electrical-Electronic, AN/USM-674 (V)
093-35Y-1103**

Conditions: Given an emplaced Electronic Repair Shelter (ERS); Test Station, Electrical-Electronic, AN/USM-674 (V) with a faulty component; 60 KW generator set or commercial power source; DA Form 2404; ST 900-HN-GPT-020; TM 11-6625-731-14&P; TM 11-6625-714-14&P; TM 11-6625-715-14&P; TM 11-6625-716-14&P; TM 11-6625-717-14&P; and TM 11-6625-751-14 in a field or garrison environment.

Standards: Performed repair procedures on a faulty component within the Test Station, Electrical-Electronic, AN/USM-674 (V) in accordance with ST 900-HN-GPT-020 and TM 11-6625-714-14&P. Repaired faulty component(s) and annotated repairs done to the Test Station, Electrical-Electronic, AN/USM-674 (V) on DA Form 2404.

Performance Measures

GO NO GO

NOTE: Individual task number 093-35Y-1100, Operate the Test Station, Electrical-Electronic, AN/USM-674 (V) has been performed.

- | | | |
|---|-------|-------|
| 1. Read and followed WARNINGS, CAUTIONS, and NOTES given within TM 11-6625-713-14&P, TM 11-6625-714-14&P, TM 11-6625-715-14&P, TM 11-6625-716-14&P, TM 11-6625-717-14&P, TM 11-6625-751-14 and ST 900-HN-GPT-020. (As required) | _____ | _____ |
| 2. Reviewed the operator's DA Form 2404 for faults annotated. | _____ | _____ |
| 3. Visually inspected the Electrical-Electronic Test Station for bent pins; broken push buttons, connectors or glass; and missing cables. | _____ | _____ |
| 4. Performed hardware diagnostics procedures in accordance with TM 11-6625-714-14&P and ST 900-HN-GPT-020. (As required) | _____ | _____ |
| 5. Performed Electrical-Electronic Test Station Startup Maintenance procedures in accordance with TM 11-6625-714-14&P and ST 900-HN-GPT-020. (As required) | _____ | _____ |
| 6. Isolated and repaired the faulty component. (As required) | _____ | _____ |
| 7. Checked the Electrical-Electronic Test Station for proper operation. | _____ | _____ |
| 8. Completed required maintenance forms and turned-in maintenance forms to team NCOIC for processing. (As required) | _____ | _____ |

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

References

Required

- DA FORM 2404
- ST 900-HN-GPT-020
- TM 11-6625-713-14&P
- TM 11-6625-714-14&P
- TM 11-6625-715-14&P
- TM 11-6625-716-14&P
- TM 11-6625-717-14&P
- TM 11-6625-751-14

Related

- DA PAM 738-750
- TM 5-4120-384-14
- TM 9-2330-363-14&P
- TM 9-6115-663-13&P

**Develop Silver Disk Using the Test Station, Electrical-Electronic, AN/USM-674 (V)
093-35Y-1104**

Conditions: Given an emplaced Electronic Repair Shop (ERS), OA-8991/TSM-191 (V); Test Station, Electrical-Electronic, AN/USM-674; 60 KW generator set or commercial power source; TM 11-6625-714-14&P and TM 11-6625-751-14 in a field or garrison environment.

Standards: Soldier developed a Silver disk using the Electrical-Electronic Test Station, AN/USM-674 (V) in accordance with TM 11-6625-714-14&P and observed equipment warnings, cautions, and notes.

Performance Measures

GO NO GO

NOTE: Individual task number 093-35Y-1100, Operate the Test Station, Electrical-Electronic, AN/USM-674 (V) has been performed.

- | | | |
|---|-------|-------|
| 1. Read and followed WARNINGS, CAUTIONS, and NOTES given within TM 11-6625-714-14&P, and TM 11-6625-751-14. (As required) | _____ | _____ |
| 2. Developed a Silver disk in accordance with procedures listed within TM 11-6625-714-14&P. | _____ | _____ |

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

References

Required

TM 11-6625-714-14&P
TM 11-6625-751-14

Related

DA FORM 2404
DA PAM 738-750
ST 900-HN-GPT-020
TM 5-4120-384-14
TM 9-2330-363-14&P
TM 9-6115-663-13&P

Skill Level 3

Subject Area 5: Maintenance Operations

Submit a Quality Deficiency Report (QDR)

093-SSG-3004

Conditions: Given the requirement to submit a quality deficiency report (QDR) for a serious or recurring maintenance problem. You are given the following items: AR 725-50, DA Form 2404, DA Form 2407, DD Form 173/1, DD Form 1575, DD Form 2332, DA Pam 738-750, SF 368, and TB 43-0001-series for equipment used. This task can be performed in a field or garrison environment.

Standards: Identified conditions that indicated a quality deficiency existed, prepared the appropriate report form, and identified and retained QDR exhibits.

Performance Measures

	<u>GO</u>	<u>NO GO</u>
1. Identified conditions that indicated a quality deficiency exists.	_____	_____
a. A condition in or with the equipment, which is 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 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 and no solution in sight.		
i. Problems requested to be reported by the National Maintenance Point (NMP).		
2. Identified Category I deficiencies.	_____	_____
a. A defect that may have caused death, injury, or severe job illness.		
b. A defect that would have caused loss or major damage to a weapon system.		
c. A defect that would critically restricted the combat readiness capabilities of the unit.		
3. Sent in a Category I deficiency report.	_____	_____
a. Prepared SF 368 in accordance with DA Pam 738-750, Chapter 11.		
b. Prepared DD Form 173/1 in accordance with DA Pam 738-750, Chapter 11 (may be phoned in).		
c. Sent message within 48 hours after defect or problem was found.		
d. Kept one copy of the SF 368 until the case was closed by the Army screening point.		
e. Sent one copy of the SF 368 to the support maintenance activity.		

NOTE Send SF 368 even if - -

(1) Correspondence indicated the problem was known to exist (unless corrective action is printed in the Equipment Improvement Recommendation and Digest).

(2) Other units had sent in a QDR on the same problem.

f. Identified defective equipment as exhibits.

Performance Measures	<u>GO</u>	<u>NO GO</u>
4. Identified Category II deficiencies (a defect or recommendation that did not meet the criteria for a Category I deficiency).	—	—
5. Sent in a Category II deficiency report.	—	—
a. Prepared SF 368 in accordance with DA Pam 738-750, Chapter 11.		
b. Prepared DD Form 173/1 in accordance with DA Pam 738-750, Chapter 11.		
c. Sent a message within 5 days after defect or problem was found.		
d. Kept one copy of the SF 368 until the case was closed by the Army screening point.		
e. Send one copy of the SF 368 to the support maintenance activity.		
<p>NOTE: Sent SF 368 even if - -</p> <p>(1) Correspondence indicates the problem was known to exist (unless corrective action was printed in the Equipment Improvement Recommendation and Digest.</p> <p>(2) Other units had sent in a QDR on the same problem.</p>		
f. Identified defective equipment as exhibits.		
6. Retained QDR exhibits:	—	—
a. Tagged each exhibit with DD Form 1575, and DD Form 2332 and classified it in a suspended supply condition code in accordance with AR 725-50.		
b. Ensured exhibits were not taken apart at organizational or support maintenance levels just to see cause of the problem.		
c. Kept the SF 368 for at least 60 days or until disposition instructions were received from the responsible command.		
d. Secured and /or segregated exhibits from all other materiel.		

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
 DA FORM 2404
 DA FORM 2407
 DA PAM 738-750
 DD FORM 1575
 DD FORM 173/1
 DD FORM 2332
 SF 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. Submit an equipment improvement recommendation (EIR), given the following items AR 672-20, DA Pam 738-750, DD Form 173/1, and SF 368. This task can be performed in a field or garrison environment.

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

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Suggested a method to improve the performance and /or maintenance of equipment.	_____	_____
a. A condition in or with the equipment, which is dangerous to people, other equipment, or the mission.		
b. An item or piece of equipment that does not work right or last as long as it should because of bad design or materials.		
c. Items that are 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 prevent using the equipment.		
h. Repeated problems that take a lot of time with no solution in sight.		
i. Problems requested to be reported by the National Maintenance Point (NMP).		
2. Identified Category I improvements.	_____	_____
a. That prevent death, injury, or severe job illness.		
b. That prevent loss or major damage to equipment.		
c. Improvements that would affect the combat readiness capabilities of the unit.		
3. Sent in a Category I equipment improvement recommendation.	_____	_____
a. Prepared SF 368 in accordance with DA Pam 738-750, Chapter 11.		
b. Prepared DD Form 173/1 in accordance with DA Pam 738-750, Chapter 11 (may be phoned in).		
c. Sent a message within 48 hours after defect or problem was found.		
d. Kept one copy of the SF 368 until the case is closed by the Army screening point.		
e. Sent one copy of the SF 368 to the support maintenance activity.		
4. Identified Category II recommendation (a recommendation that does not meet the criteria of a Category I equipment improvement recommendation).	_____	_____
5. Sent in a Category II deficiency report.	_____	_____
a. Prepared SF 368 in accordance with DA Pam 738-750, Chapter 11.		
b. Prepared DD Form 173/1 in accordance with DA Pam 738-750, Chapter 11 (May be phoned in).		
c. Sent a message within 5 days after defect or problem was found.		
d. Kept one copy of the SF 368 until the case is closed by the Army screening point.		
e. Sent one copy of the SF 368 to the support maintenance activity.		
6. 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 738-750
DD FORM 173/1
SF 368

Related

DA PAM 738-751

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

Conditions: Perform this task given DA Forms 2407 or DA Form 5990-E/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: Distributed all DA Forms 2407 or DA Form 5990-E/job packets by issue priority designators, highest priorities first. Ensured the visible index file were up to date, legible, and complete according to TM 38-L09-11.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Arranged the DA Forms 2407/job packets by issue priority designators, highest priorities first.	—	—
2. Used the DA Forms 2407/job packets in the same order to assign jobs to repairers.	—	—
3. Monitored the work as the jobs went through the repair process.	—	—
4. Assigned new jobs to the repairers as they completed the one they were assigned.	—	—
5. Reviewed all paper work 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 738-750
DA PAM 738-751
FM 4-30.3

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

Conditions: Perform this task given personnel to perform preventive maintenance, DA Form 2408-14, DA Form 2404 or DA Form 5988-E, DD Form 314, DA Pam 738-750, DA Pam 738-751, and Vehicle -10 series technical manuals. This task can be performed in a field or garrison environment.

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

Standards: Performed all preventive maintenance checks and services (PMCS) according to the applicable -10 series technical manuals. Completed DA Form 2404 or DA Form 5988-E, DA Form 2408-14, and DD Form 314 according to DA Pam 738-750 or DA Pam 738-751.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Coordinated with the motor pool section prior to performing section/shop vehicle preventive maintenance checks and services (PMCS).	—	—
2. Reviewed the DD Form 314 and the applicable -10 series technical manuals to conduct weekly vehicle PMCS.	—	—
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 technical manuals.	—	—
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 for repair, which 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 statuses to section/shop supervisor.	—	—
11. Briefed the chain of command on any observed environmental potential 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 738-750
DA PAM 738-751

Related

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

References
Required
DD FORM 314

Related

Provide Technical Assistance to Repairers
093-SSG-3008

Conditions: Given DA Pam 738-750, DA Pam 738-751, TB 385-4 and a repairer in your electronic/avionic maintenance shop requires technical assistance. This task can be performed in a field or garrison environment.

Standards: Provided technical assistance that enabled the repairer to perform the repair procedures correctly.

Performance Measures	<u>GO</u>	<u>NO GO</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

Required

DA FORM 2404
DA FORM 2407
DA FORM 5988-E
DA FORM 5990-E
DA PAM 738-750
DA PAM 738-751
TB 385-4

Related

**Perform Initial Inspections
093-SSG-3009**

Conditions: Given the applicable technical manuals, equipment to be inspected, DA Form 2404 or DA Form 5988-E, DA Form 2407 or DA Form 5990-E, DA Pam 738-750, and DA Pam 738-751. This task can be performed in a field or garrison environment.

Standards: Performed the initial inspection by ensuring that the equipment was repairable according to the applicable technical manuals, all defects had been found, and all maintenance forms were completed according to DA Pam 738-750 or DA Pam 738-751.

Performance Measures	<u>GO</u>	<u>NO GO</u>
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 5899-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 738-750
 DA PAM 738-751

Related

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

Perform Final Inspections
093-SSG-3010

Conditions: Given the applicable technical manuals, equipment to be inspected, DA Form 2404 or DA Form 5988-E1, DA Form 2407 or DA Form 5990-E, DA Pam 738-750, and DA Pam 738-751. This task can be performed in a field or garrison environment.

Standards: Performed final inspection. Ensured that the equipment was complete according to the applicable technical manuals, all defects identified in previous inspections have been corrected, any additional defects have been recorded on DA Form 2404 or DA Form 5988-E, and all forms were completed according to DA Pam 738-750 or DA Pam 738-751.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Checked the equipment to determine if it was complete and that all defects found on the initial and in-process inspections have 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 738-750
DA PAM 738-751

Related

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

Perform In-Process Inspections
093-SSG-3012

Conditions: Given applicable inspection forms, a repairer performing repairs on equipment, applicable technical manuals, DA Pam 738-750, and DA Pam 738-751. This task can be performed in a field or garrison environment.

Standards: Performed in-process inspection. Ensured that the proper tools and equipment were being used and all safety rules and warnings were followed according to the applicable technical manuals. Completed all forms according to DA Pam 738-750 or DA Pam 738-751. Reported inspection results.

Performance Measures	<u>GO</u>	<u>NO GO</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 is 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 738-750
DA PAM 738-751

Related

FM 4-30.3
TM 750-245-4

Subject Area 6: Maintenance Management I

**Inspect Section/Shop Safety
093-SSG-3001**

Conditions: Perform this task given a requirement to inspect an electronic or avionics maintenance shop area and given the following references: AR 40-5, AR 385-10, DA Pam 40-501, DA Pam 385-1, TB 385-3, TB 385-4, TB MED 523, Unit and local safety standing operating procedures (SOPs), and Unit Safety Checklist. This task can be performed in a field or garrison environment.

Standards: Inspection was conducted 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. Established an inspection schedule regarding what to inspect and how frequently. Recorded deficiencies and recommended corrective actions and retained these reports to check progress. Followed up to ensure deficiencies had been corrected.

Performance Measures	<u>GO</u>	<u>NO GO</u>
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. <ul style="list-style-type: none"> 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 Pam 40-501, DA Pam 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 current-carrying parts except the prongs.	—	—
12. Inspected the maintenance section/shop to ensure that all physical and high-voltage hazards had been identified.	—	—

Performance Measures

	<u>GO</u>	<u>NO GO</u>
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: Given AR 190-13, AR 380-5, AR 380-19, AR 380-40, DA Pam 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: Ensured that all Army security policies and regulations and the maintenance shop and local SOPs were followed. Identified and reported all security deficiencies and ensured that all deficiencies were corrected.

Performance Measures	<u>GO</u>	<u>NO GO</u>
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"> a. Initial security training and briefing for newly assigned personnel. b. Refresher security training for assigned personnel. c. Procedures for identifying and reporting insecurities. 	—	—
7. Ensured that signal security (SIGSEC) policies and regulations were followed: <ul style="list-style-type: none"> a. Ensured subordinates followed all Army and unit policies and regulations covering communications security (COMSEC) procedures. b. Ensured subordinates followed all Army and unit policies and regulations covering electronic security (ELSEC) procedures. 	—	—
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

Required	Related
AR 190-13	AR 5-12
AR 380-19	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: Given the maintenance section/shop calibration program, TB 43-180, TB 750-25, and company SOP. The following resources will be available: DA Form 3758-R, DA Label 80, TMDE master listing for the maintenance section/shop calibration program, and company SOP. This task can be performed in a field or garrison environment.

Standards: Maintained 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. Reviewed the section/shop calibration listing for equipment due calibration on a monthly basis and updated status on all calibration equipment still turned in to the calibration support unit.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Identified all equipment listed on section/shop hand-receipts that might require a calibration label:	—	—
a. Test equipment.		
b. Equipment modules.		
c. Dummy loads.		
d. Voltage test probes.		
e. RADIAC equipment.		
f. Motor pool equipment.		
g. Power supplies.		
2. Determined which equipment identified was listed in TB 43-180:	—	—
a. Identified equipment -requiring calibration.		
b. Identified equipment for which calibration was not required (CNR).		
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 calibration items in the maintenance section/shop.	—	—
5. Scheduled equipment for calibration:	—	—
a. Staggered like equipment, when possible, so that there was always equipment available on site.		
b. Assigned a higher priority for critical TMDE when necessary.		
c. Scheduled plug-in modules and accessories for calibration with the major piece of equipment.		
d. Reviewed signature cards and orders, as required locally, to update customer files and for the first appointment.		
6. Prepared CNR labels, as required, for remaining equipment.	—	—
7. Turned in/picked up equipment from the calibration facility:	—	—
a. Turned in equipment with a minimum of accessories and covers.		
b. Obtained signed and dated receipt for equipment.		
c. Inspected equipment for damage and accessories before signing.		
d. Obtained calibration listings when available.		
8. Updated calibration listing:	—	—
a. Verified calibration due dates.		
b. Deleted entries.		
c. Added entries.		
9. Maintained a temporary storage area for calibrate before use (CBU) equipment:	—	—

Performance Measures

GO NO GO

- 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 calibration 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

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

Conditions: Given the unit's old standing operating procedure (SOP), AR 750-1, DA Pam 600-67, FM 4-30.3 (FM 9-43-1), FM 24-16, FM 101-5, and TC 43-4. This task can be performed in a field or garrison environment.

Standards: Wrote a standing operating procedure (SOP) that was reviewed by the supervisor/commander and approved by the commander/supervisor. Implemented all recommended changes.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Developed a basic SOP format to ensure it met organization's/element's specific needs and/or requirements for the maintenance facility: <ul style="list-style-type: none"> a. Purpose statement. b. Scope statement. c. Organization statement. d. Conformity statement. e. References. f. Annex(es). 	—	—
2. Included guidance in the SOP on the following as they pertained only to the maintenance facility: <ul style="list-style-type: none"> 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. Nuclear, biological, and chemical (NBC) 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 final version of the SOP signed by the supervisor/commander.	—	—

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

Related

References

Required

FM 101-5
FM 24-16
FM 4-30.3
TC 43-4

Related

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

Conditions: Perform this task given a quarterly reviewed 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, DA Pam 710-2-1, Hand receipts, applicable equipment, and applicable technical manuals. This task can be performed in a field or garrison environment.

Standards: Issued supplies and equipment to hand-receipt holders while maintaining property and supply accountability.

Performance Measures	<u>GO</u>	<u>NO GO</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: Supervise the performance of an organizational maintenance team or a direct support maintenance support team (MST) performing Battlefield Assessment given a disabled vehicle or equipment, repairers to assess the equipment, applicable technical manuals -10, -20, -30, repair parts manuals, tool kits, DA Form 2404 or DA Form 5988-E, DA Form 2407 or DA Form 5990-E, DA Pam 738-750, DA Pam 738-751, DD Form 1577, DD Form 1577-1, DD Form 1577-2, DD Form 1577-3, 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: Supervised the organizational maintenance team or direct support maintenance support team (MST) that identifies and performs repairs needed to restore a disable piece of equipment to the minimum essential combat capabilities necessary to support a specific combat mission or to enable the equipment to self-recover. Completed all required paper work according to DA Pam 738-750, DA Pam 738-751, FM 4-30.3 (FM 9-43-1), and FM 9-43-2.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Briefed the organizational maintenance team or direct support maintenance support team (MST) on the upcoming mission to assess battlefield damage: <ul style="list-style-type: none"> a. Identified point of contact at unit/site. b. Identified the equipment was to be assessed for battlefield damage. c. Identified the equipment 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: <ul style="list-style-type: none"> 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/direct support maintenance equipment. 	—	—
5. Ensured that maintenance support team (MST) provided technical assistance to the organizational maintenance team as required.	—	—
6. Ensured that maintenance support team (MST) prioritized repairs according to battlefield damage time guidelines.	—	—
7. Ensured that all required maintenance forms were filled out correctly in accordance with DA Pam 738-750 and DA Pam 738-751: <ul style="list-style-type: none"> 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 738-750
DA PAM 738-751
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: This task will be conducted during the normal performance of your daily duties within an electronic/avionics maintenance shop. You will manage demand-supported repair parts for an electronic/avionics maintenance shop given the following items: AR 710-2, DA Pam 710-2-1, DA Form 2063-R, DA Form 2064, DA Form 3318, copy of FEDLOG discs, unit's initial mandatory parts list (IMPL), unit's prescribed load list (PLL), and technical part manuals. This task can be performed in a field or garrison environment.

Standards: Completed review and corrected the PLL in accordance with the equipment technical parts manual, AR 710-2, and DA Pam 710-2-1 for the electronic/avionic repair parts listed on the PLL.

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

Related
 FM 4-30.3

References
Required
FEDLOG

Related

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

Conditions: Perform this task given AR 710-2, DA Pam 710-2-2, and a copy of FEDLOG discs. This task can be performed in a field or garrison environment.

Standards: Maintained bench stock in according with AR 710-2 and DA Pam 710-2-2.

Performance Measures	<u>GO</u>	<u>NO GO</u>
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: Perform this task given a current copy of the shop stock list, AR 710-2, DA Pam 710-2-2, and a copy of FEDLOG discs. This task can be performed in a field or garrison environment.

Standards: Maintained the shop stock according to AR 710-2 and DA Pam 710-2-2.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Ensured repair parts and consumables listed on the shop stock met the criteria listed in AR 710-2 and DA Pam 710-2-2.	—	—
2. Ensured each item was demand-supported.	—	—
3. Ensured stockage levels were developed in accordance with DA Pam 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: Perform this task given the necessary personnel to perform an electronic/avionics maintenance support team operation, DA Pam 611-21, DA Pam 738-750, DA Pam 738-751, and FM 4-30.3 (FM 9-43-1). This task can be performed in a field or garrison environment.

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

Performance Measures	<u>GO</u>	<u>NO GO</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 738-750
DA PAM 738-751
FM 4-30.3

Related

FM 3-25.26
STP 21-1-SMCT
STP 21-24-SMCT

**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 electronic/avionics maintenance facility. You must inspect and manage all of the maintenance forms and records used in reporting the maintenance status for equipment repaired in the maintenance facility. The following forms, records and publications will be available if needed for each piece of equipment job-ordered: 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, 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, DA Pam 738-750, and DA Pam 738-751. This task can be performed in a field or garrison environment.

Standards: Inspected the electronic/avionics maintenance forms and records for errors and forms missing from the job packets.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Located closed-out and active job order packets within the electronic/avionics maintenance facility.	—	—
2. Matched all job-ordered equipment serial numbers with closed-out and active job packets within the electronic/avionics maintenance facility.	—	—
3. Ensured that all required forms and records were in the job order packets.	—	—
4. Verified 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 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 738-750
- DA PAM 738-751
- DD FORM 1574
- DD FORM 1574-1
- DD FORM 1575
- DD FORM 1575-1
- DD FORM 1576
- DD FORM 1576-1
- DD FORM 1577

Related

- FM 4-30.3
- TM 38-L09-11

References

Required

DD FORM 1577-1
DD FORM 1577-2
DD FORM 1577-3

Related

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

Conditions: Perform this task given SAMS-1 system installed, completed set of required SAMS-1 reports and forms, AISM 25-L21-AHN-ZZZ-EM, DA Pam 738-750, DA Pam 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 an NBC environment.

Standards: Reviewed all required SAMS-1 reports and forms and corrected discrepancies according to AISM 25-L21-AHN-ZZZ-EM and DA Pam 738-750 or DA Pam 738-751. Filed all reports properly and forwarded copies as required.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Ensured that all required SAMS-1 reports and forms required for electronic/avionics maintenance operations were being used.	—	—
2. Reviewed new copies of all SAMS-1 reports and forms needed to run the electronic/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 738-750
- DA PAM 738-751
- FM 4-30.3

Related

Skill Level 4

Subject Area 7: Maintenance Management II

Manage a Shop Security Program

093-SFC-4101

Conditions: Given local standing operating procedures (SOP), pencil or pen, AR 190-13, AR 190-51, AR 380-19, AR 530-1, and FM 3-19.30. This task can be performed in a field or garrison environment.

Standards: Review shop security program and make any required corrective action in accordance with required references.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Enforced Physical Security	—	—
a. Determined shop's mission essential or vulnerable areas (MEVA). (AR 190-13, SOP)		
b. Determined minimum security standard. (AR 190-51)		
c. Identified physical and procedural measures in shop security program. (FM 3-19.30)		
d. Evaluated physical and procedural measures needed to maintain minimum security standard. (FM 3-19.30)		
e. Implemented needed changes to shop security program. (AR 190-51)		
2. Enforced Information System Security (INFOSEC). (AR 380-19, SOP)	—	—
a. Identified need for INFOSEC.		
b. Identified threat to information systems.		
c. Identified malicious logic and how it enters into systems.		
d. Identified differences in handling classified and unclassified information.		
e. Identified roles and responsibilities.		
3. Implemented Operations Security (OPSEC) measures (AR 530-1, SOP)	—	—
a. Ensured compliance with regulatory guidance.		
b. Demonstrated knowledge of OPSEC principles.		

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 190-13
 AR 190-51
 AR 380-19
 AR 530-1
 FM 3-19.30
 SOP

Related
 AR 380-15
 AR 380-40
 DA PAM 190-51
 FM 4-30.3
 SF 700
 SF 702
 TB 380-41

**Prepare Input to Materiel Condition Status Report
093-SFC-4103**

Conditions: Given AR 220-1, AR 700-138, DA Form 2406, DA Form 3266-1, DA Form 3266-2-R, DA Pam 738-750, paper, and pencil or pen. You also have access to data from DA Form 5986-E and DA Form 5990-E or equivalent (DD Form 314, DA Form 2407). This task can be performed in a field or garrison environment.

Standards: Prepare the Materiel Status Report correctly using 700-138.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Prepared input to DA Form 2406 (Materiel Condition Status Reports)	_____	_____
a. Completed blocks 1 through 8. (Refer to AR 700-138)		
b. Completed columns 9a through 9e(3)(b). (Refer to AR 700-138 and maintenance forms)		
c. Completed columns 9f(1) through 9f(5) as locally prescribed.		
d. Completed block 10 as locally required.		
e. Completed block 11 (REMARKS) as required.		
f. Submitted for commander's signature.		
g. Completed block 12(b).		

NOTE: Ensure the date the report is signed is entered.

2. Prepared input to DA Form 3266-1 (Army Missile Materiel Readiness Report)	_____	_____
a. Entered applicable system operational data in Part 1. (Refer to AR 700-138)		
b. Entered data on missile equipment that was NMC during the reporting period in Part 2.		
c. Entered data on missile equipment that was NMC at the close of the reporting period in Part 3.		
d. Reviewed the form and corrected any errors.		
e. Submitted the completed DA Form 3266-1 to the correct agency.		

NOTE: This step is only performed in units performing missile maintenance.

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 220-1
AR 700-138
DA FORM 2406
DA FORM 3266-1
DA FORM 3266-2-R
DA PAM 738-750

Related

DA FORM 2407
DD FORM 314

**Manage SAMS-1 System Administration
093-SFC-4104**

Conditions: Given SAMS-1 end user manual, local SOP, and TC 43-4. This task can be performed in a field or garrison environment.

Standards: Review SAMS-1 administrative procedures for compliance with SAMS-1 end user manual and take required corrective action.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Ensured the system access roster is current. (AISM 25-L21-AHN-ZZZ-EM, TC 43-4)	—	—
2. Identified the SAMS-1 system senior operator.	—	—
3. Identified the SAMS-1 problem reporting procedures.	—	—
4. Identified SAMS-1 data backup procedures.	—	—
5. Ensured the shop/personnel database is current.	—	—

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, show what was done wrong and how to do it correctly.

References

Required

AISM 25-L21-AHN-ZZZ-EM
SOP
TC 43-4

Related

AR 380-19
DA PAM 25-1-1
DA PAM 738-750

**Manage Hand Receipt Functions
093-SFC-4105**

Conditions: Given local SOP, pencil and paper, AR 25-400-2, AR 735-5, DA Form 2062, DA Form 25-30, DA Pam 25-380-2, DA Pam 710-2-1, TB 380-41, and commander's guidance. This task can be performed in a field or garrison environment.

Standards: Attain 100% accountability IAW DA Pam 710-2-1.

Performance Steps

1. Prepare for inventory. Review the hand receipt (HR) before beginning the inventory to see the type of items to be inventoried. If unfamiliar with the type of equipment, select personnel to assist in the inventory. Check with the commander/supervisor for any special instructions before starting the inventory. Review DA Pam 25-30 to ensure the most current supply catalogs, component lists, technical manuals, and other related publications are used during the inventory. In the event the most current publications are not on hand, they will be placed on order. The inventory will be conducted with the references on hand and a memorandum will be prepared stating the procedures used for the inventory if applicable. Verify facilities and space are available to conduct the inventory. Notify subhand receipt holders of when and how the inventory will be conducted.
2. Conduct inventory. Check all items to make sure their NSN, model, and their description on the HR match. Make a list of any differences. Visually check the condition of the property. Make a list of any damaged equipment. Report damaged equipment to unit maintenance personnel for repair. Ensure the on-hand quantity and quantity on the HR match. Make a list of any overages and shortages. Use the proper TM or SC to identify components of end items. Make a list of any overages and shortages. Serial numbers on the HR should match those on the item. All open maintenance requests must be checked with the supporting maintenance facility. Report any discrepancies to the accountable officer.
3. Conduct post-inventory procedures. Inform the commander of inventory results. Provide copy of all discrepancies discovered during the inventory to accountable officer. Make sure that component shortages are listed on HR shortage annexes. Request shortages not already on order. Turn in overages according to local procedures.
4. Subhand-receipt property to user. Appoint subhand receipt users. Prepare separate HR for installation and organizational property. Prepare DA Form 2062 or equivalent in two copies to subhand-receipt property. The original is kept by the person transferring the property, the copy is provided to the person receiving the property.
5. File HR according to AR 25-400-2. File HR and subhand receipt according to AR 25-400-2, as applicable.
6. Maintain HR and files. Regularly inventory property IAW applicable standard (e.g. monthly, quarterly, etc). Keep all copies of HR and subhand receipts current. Upon receipt of the current publication, conduct an inventory to determine any overages or shortages. Overages will be turned in. Shortages will be accounted for IAW DA Pam 710-2-1 or AR 735-5, as appropriate. Shortage of CCI/COMSEC items also requires the initiation of an insecurity report per DA Pam 25-380-2 or TB 380-41. Submit requests for issue to replace any shortages.

Performance Measures

	<u>GO</u>	<u>NO GO</u>
1. Prepared for inventory. (DA Pam 710-2-1)	_____	_____
2. Conducted inventory.	_____	_____
3. Performed post-inventory procedures.	_____	_____

Performance Measures

- 4. Subhand-receipted property to user.
- 5. Filed HR IAW AR 25-400-2.
- 6. Maintained HR and files.

GO **NO GO**

_____	_____
_____	_____
_____	_____

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 25-400-2
- AR 735-5
- DA FORM 2062
- DA PAM 25-30
- DA PAM 25-380-2
- DA PAM 710-2-1
- SOP
- TB 380-41

Related

- AR 710-2
- DA FORM 2765-1
- DA FORM 3161

**Manage Maintenance Shop Operations
093-SFC-4106**

Conditions: Given local SOP, AR 710-2, DA Pam 710-2-2, DA Pam 738-750, FM 4-30.3, commander's guidance, and unit mission. This task can be performed in a field or garrison environment.

Standards: Accomplish all required maintenance tasks IAW procedures in required references.

Performance Steps

1. Review maintenance control procedures. Assign work to shop sections to keep all sections working at optimum capacity. Screen maintenance requests to determine appropriate level of maintenance. Screening may show that unit level maintenance has not been done or that evacuation of an item is needed. Keep abreast of the status and quantity of work in each section to prevent overload. Aggressively pursue repair parts which are not readily available.
2. Review production control procedures. Production methods in a maintenance unit include the on-site, bay shop, bench shop, and production line methods. Select the most efficient method of repairing based on available equipment, facilities, and time. Ensure work order status files are maintained.
3. Review quality control procedures. Accurate initial, in-process, and final inspections are vital in maintaining efficient shop operations and ensuring quality repairs. Initial inspection is used to determine tools, personnel, parts, cost, etc, needed to accomplish repair. In-process inspections are performed by shop supervisory personnel to ensure work is being performed properly. Final inspections verify the adequacy of repairs and require a technical inspection of the item. Ensure production control procedures are current and valid.
4. Review work flow process. Work should be assigned to appropriate section and repair person based on MOS, technical ability, certification and/or training. Observe work flow to ensure item is assigned to appropriate section and repair person.
5. Review job evacuation procedures. Evacuation of backlogged maintenance requests may allow equipment to be repaired and returned to the using unit in a more timely manner. Determine evacuation decision based on initial inspection, current or projected workload, availability of tools/personnel, and required level of repair.
6. Review maintenance management tools and techniques. SAMS is the primary tool used for maintenance management. Analysis of maintenance printouts will reveal trends/situations which require action. Examples of problems to watch out for are: significant increases in shop input, excessive number of jobs awaiting parts, and low production. Review submission of daily man-hour accounting and/or status changes as appropriate.
7. Review ORF procedures. ORF is a quantity of selected items authorized for stockage at maintenance facilities to extend their capabilities to respond to the material readiness requirements of supported units. This is done by providing supported activities with serviceable replacements from ORF when like items of equipment can not be repaired or modified in time to meet operational requirements. Ensure procedures are current and valid.

Performance Measures

	<u>GO</u>	<u>NO GO</u>
1. Enforced maintenance control procedures. (FM 4-30.3, DA Pam 738-750, SOP)	—	—
2. Enforced production control procedures.	—	—
3. Enforced quality control procedures.	—	—
4. Controlled work flow process.	—	—

Performance Measures	<u>GO</u>	<u>NO GO</u>
5. Enforced job evacuation procedures.	—	—
6. Reviewed maintenance management tools and techniques for trends/situations which require action.	—	—
7. Enforced ORF procedures. (AR 710-2, DA Pam 710-2-2, FM 4-30.3, SOP)	—	—

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 710-2
 DA PAM 710-2-2
 DA PAM 738-750
 FM 4-30.3
 SOP

Related

AISM 25-L21-AHN-ZZZ-EM
 AR 750-1
 DA PAM 710-2-1
 DA PAM 750-1
 TC 43-4

**Manage Logistics Support
093-SFC-4107**

Conditions: Given local SOP, AR 750-1, DA Pam 738-750, and FM 4-30.3. You also have access to the OPORD, Material Condition Status Report (MCSR), shop stock, bench stock, and SAMS reports. This task can be performed in a field or garrison environment.

Standards: Plan logistics support for maintenance operations that anticipate requirements for personnel, equipment, repair parts and the effective use of these resources.

Performance Steps

1. Identify support requirements. Review appropriate documents to identify requirements. These may include local SOPs, OPORDs, and others. Determine information such as; type/number of supported units, and type/number of supported equipment. If available, also review BDAR and material condition status reports.
2. Identify available resources. Identify the resources on hand and the resources already committed after the support requirements have been determined. Assets to consider include: personnel, parts, tools, TMDE, publications, and transport capabilities. Other assets to consider include: ORF, facilities, location of MSTs, UMCPs, MCPs, and recovery/evacuations capabilities.
3. Identify other considerations. Other intangibles must be considered when managing support. Other considerations include: command priorities, environmental impact, maintenance workload, exchange/cannibalization policy, weather/terrain conditions, security, safety, certifications/training, tactical situation, and OPTEMPO.
4. Allocate resources. Allocate and organize resources to provide needed support after considering all requirements, resources, and other considerations.

Performance Measures

	<u>GO</u>	<u>NO GO</u>
1. Identified support requirements. (AR 750-1, DA Pam 738-750, FM 4-30.3, SOP)	—	—
2. Identified available resources. (FM 4-30.3, SOP)	—	—
3. Identified other considerations.	—	—
4. Allocated resources.	—	—

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
AR 750-1	FM 100-10
DA PAM 738-750	TB 385-4
FM 4-30.3	TC 43-4
SOP	

**Manage Shop Personnel Actions
093-SFC-4108**

Conditions: Given pencil or pen, paper, local SOP, AR 600-8-10, AR 600-8-19, AR 600-8-22, AR 623-205, AR 635-200, and FM 22-100. This task can be performed in a field or garrison environment.

Standards: Manage administrative and personnel actions that impact on shop personnel IAW applicable references.

Performance Steps

1. Review recommendation for advancement/promotion to determine eligibility.
2. Review request for Leave/Pass to maintain proper manning level.
3. Review an award recommendation for errors.
4. Review entries on personnel evaluations for errors.
5. Review entries on counseling forms for errors.
6. Identify requirements for administrative separations.

Performance Measures

	<u>GO</u>	<u>NO GO</u>
1. Reviewed recommendation for advancement/promotion to determine eligibility. (AR 600-8-19)	—	—
2. Reviewed request for leave/pass to maintain proper manning level. (AR 600-8-10)	—	—
3. Reviewed an award recommendation for errors. (AR 600-8-22)	—	—
4. Reviewed entries on personnel evaluations for errors. (AR 623-205)	—	—
5. Reviewed entries on counseling forms for errors. (FM 22-100)	—	—
6. Identified requirements for administrative separations. (AR 635-200)	—	—

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 600-8-10
AR 600-8-19
AR 600-8-22
AR 623-205
AR 635-200
FM 22-100
SOP

Related

AR 220-45
AR 25-50
DA FORM 638

**Review SAMS-2 Reports
093-SFC-4109**

Conditions: Given commander's intent, local SOP, SAMS-2 end user manual, SAMS-2 reports, and TC 43-4. This task can be performed in a field or garrison environment.

Standards: Determine if maintenance performance is within unit's acceptable range of performance.

NOTE: Unit's acceptable range of performance can be found in the unit SOP and/or commander's intent.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Identified reportable and maintenance significant items. (AISM 25-L26-AHO-ZZZ-EM, TC 43-4, SOP)	—	—
2. Identified work orders that are more than thirty days old.	—	—
3. Identified maintenance turnaround time in days by unit/activity.	—	—
4. Identified Operational Readiness Float (ORF) monthly usage and accumulation.	—	—

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

AISM 25-L26-AHO-ZZZ-EM
SOP
TC 43-4

Related

AISM 25-L21-AHN-ZZZ-EM

Conduct Site Reconnaissance
093-SFC-4110

Conditions: Given pencil or pen, paper, lensatic compass, protractor, local SOP, FM 4-30.3, OPORD/OPLAN, map(s) of the surrounding area, stakes or other marking material, and vehicle. This task can be performed in a field environment.

Standards: Select a satisfactory site and mark it IAW FM 4-30.3, local SOP, and applicable references.

Performance Steps

1. Review site reconnaissance requirements. FM 4-30.3, SOP
 - a. Specific requirements for the site are contained in the mission OPORD/OPLAN. Ensure you take note of personnel, equipment, and logistics requirements when preparing for site selection.
 - b. Review local SOP for unit-specific requirements for the site.
2. Select potential site(s) by map reconnaissance. Consider the following areas as a minimum:
 - a. Observation and fields of fire.
 - b. Concealment and cover.
 - c. Obstacles.
 - d. Key terrain.
 - e. Avenues of approach.
3. Evaluate potential site(s) by physical reconnaissance. Evaluation of potential sites must include at a minimum:
 - a. Accessibility. Can the site be reached regardless of the weather or time of year? What must travel the roads/paths? What is the condition of these roads/paths?
 - b. Terrain. Is the site relatively flat and well drained?
 - c. Camouflage/concealment. Does the potential site provide adequate camouflage and concealment?
 - d. Survivability. Can the potential site be adequately defended in case of attack?
 - e. Technical suitability. Is the site location within the range, capabilities, and limitations of the equipment to be deployed?
4. Review marking requirements. Once the best site is selected, the site will be marked for location of equipment and control points. Mark the site IAW local SOP and availability of materials.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Determined specific site requirements. (FM 4-30.3, SOP, OPORD/OPLAN) <ol style="list-style-type: none"> a. Personnel. b. Equipment. c. Logistics. 	—	—
2. Selected potential site(s) by using map reconnaissance. <ol style="list-style-type: none"> a. Identified potential sites. b. Identified routes to potential sites. c. Listed best possible candidate sites/routes. 	—	—
3. Evaluated site and route suitability by using physical reconnaissance. <ol style="list-style-type: none"> a. Accessibility. b. Terrain. c. Camouflage/concealment. d. Technical suitability. 	—	—
NOTE: Drive or ride to selected site.		
4. Staked or marked locations for the equipment that pertains to your unit.	—	—

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

- a. Tents.
- b. Vehicles.
- c. Generators.
- d. Fuel point.
- e. Fire points.
- f. Other points.

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**

FM 4-30.3
SOP

Related

STP 21-1-SMCT
STP 21-24-SMCT

**Coordinate Activities between Production Control and Supply Support Activity
093-SFC-4111**

Conditions: Given AR 710-2, DA Pam 710-2-1, DA Pam 710-2-2, and FM 4-30.3. This task can be performed in a field or garrison environment.

Standards: Account for repair parts IAW AR 710-2, DA Pam 710-2-1, DA Pam 710-2-2, and FM 4-30.3.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Reconciled the movement of parts between production control and supply support activity. (AR 710-2, DA Pam 710-2-1, DA Pam 710-2-2, and FM 4-30.3)	—	—
2. Reconciled the movement of repairable exchange (RX) items between production control and RX.	—	—
3. Reconciled reports from production control and shop supply.	—	—

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 710-2
- DA PAM 710-2-1
- DA PAM 710-2-2
- FM 4-30.3

Related

**Manage Shop Supply Operations
093-SFC-4112**

Conditions: Given AR 710-2, DA Pam 710-2-1, DA Pam 710-2-2, FM 4-30.3. and DA Form 4569 or equivalent (DA Form 2064, DA Form 3318). This task can be performed in a field or garrison environment.

Standards: Maintain shop supply IAW AR 710-2 and DA Pam 710-2-2.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Monitored shop stock operations. (AR 710-2, DA Pam 710-2-1, FM 4-30.3)	—	—
2. Checked the shop stock for the following:	—	—
a. List of items stocked		
b. Reorder point (ROP)		
c. Location		
3. Checked the demand supported shop stock records for the number of records within the control period and other considerations.	—	—
4. Ensured that the demands on the DA Form 3318 and those listed on the DA Form 2064 match.	—	—
5. Compared the physical location with the location listed on the DA Form 3318.	—	—

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 710-2
DA FORM 2064
DA FORM 3318
DA FORM 4569
DA PAM 710-2-1
DA PAM 710-2-2
FM 4-30.3

Related

DA PAM 738-750

**Provide Liaison to Supported Units
093-SFC-4113**

Conditions: Given AR 750-1, DA Pam 738-750, FM 4-30.3, and direct support (DS) maintenance standard operating procedures (SOP). This task can be performed in a field or garrison environment.

Standards: Provide liaison support IAW FM 4-30.3 and SOP.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Issued external SOP to supported unit. (FM 4-30.3, SOP, AR 750-1, DA Pam 738-750, SOP)	—	—
2. Coordinated on-site maintenance training.	—	—
3. Identified and coordinated required support maintenance.	—	—
a. Scheduled		
b. Unscheduled		
c. Special (CIP, Gunnery, Training Centers, etc..)		
4. Provided supported unit updated status of open work requests.	—	—

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 750-1
DA PAM 738-750
FM 4-30.3
SOP

Related

**Manage Operational Readiness Float (ORF) Transactions
093-SFC-4114**

Conditions: Given AR 710-2, AR 750-1, DA Pam 710-2-2, local SOP, maintenance records, ORF equipment, and applicable technical manuals. This task can be performed in a field or garrison environment.

Standards: Maintain and issue ORF equipment in accordance with required references.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Maintained ORF equipment. (AR 750-1, AR 710-2)	—	—
a. Ensured that ORF assets are maintained at 10/20 maintenance standard.		
b. Directed the repair of unserviceable ORF assets.		
c. Used highest appropriate priority designator for items being repaired for return to ORF stock.		
d. Ensured that appropriate service and maintenance forms are completed.		
2. Coordinated transactions of ORF equipment. (AR 710-2, DA Pam 710-2-2, SOP)	—	—
a. Accounted for ORF assets per AR 710-2 & DA Pam 710-2-2.		
b. Issued assets when priority designator and estimated repair time met established criteria.		
c. Ensured ORF items are exchanged on a one-for-one basis.		
d. Coordinated with supported unit as required.		
e. Ensured that all supply and maintenance forms are completed.		

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 710-2
AR 750-1
DA PAM 710-2-2
SOP

Related

AR 710-1
DA FORM 2404
DA FORM 2407
DA PAM 710-2-1
DA PAM 738-750
DA PAM 750-1
FM 4-30.3

APPENDIX A - HANDS-ON EVALUATION (DA FORM 5164-R) INSTRUCTIONS**HANDS-ON EVALUATION (DA FORM 5164-R)
INSTRUCTIONS
(Excerpted from STP 21-24-SMCT, Appendix C)**

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, which 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.

DA Form 5165-R (Field Expedient Squad Book) may be used by the trainer to record hands-on go/no-go results for a group of soldiers having the same MOS and skill level.

HANDS-ON EVALUATION		DATE	
For use of this form, see AR 350-57; the proponent agency is ODCSOPS			
TASK TITLE		TASK NUMBER	
ITEM a	PERFORMANCE STEP TITLE b	SCORE (Check One)	
		PASS c	FAIL d
		<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"/> F	<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
EVALUATOR'S NAME		UNIT	
SOLDIER'S NAME		STATUS <input type="checkbox"/> GO <input type="checkbox"/> NO GO	

DA FORM 5164-R, SEP 85

EDITION OF DEC 82 IS OBSOLETE

USAPPC V2.00

Sample DA Form 5164-R (Hands-On Evaluation)

APPENDIX B - FIELD EXPEDIENT SQUAD BOOK (DA FORM 5165-R) INSTRUCTIONS**FIELD EXPEDIENT SQUAD BOOK (DA FORM 5165-R)
INSTRUCTIONS
(Excerpted from STP 21-24-SMCT, Appendix C)**

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.

APPENDIX B

SAMPLE DA FORM 5165-R (FIELD EXPEDIENT SQUAD BOOK)

FIELD EXPEDIENT SQUAD BOOK For use of this form, see AR 350-57, the proponent agency is ODCSOPS													SHEET		
USER APPLICATION													SOLDIER'S NAME		
TASK NUMBER AND SHORT TITLE	STATUS														
	GO	NO-GO	GO	NO-GO	GO	NO-GO	GO	NO-GO	GO	NO-GO	GO	NO-GO	GO	NO-GO	GO

Sample DA Form 5165-R (Field Expedient Squad Book)

GLOSSARY**Section I**
Abbreviations

A	annually
ACCP	Army Correspondence Course Program
AIPD	Army Institute for Professional Development
AIT	advanced individual training
AN	annually
ANCOC	Advanced Noncommissioned Officers Course
AR	Army regulation
ARTEP	Army Training and Evaluation Program
Attn	attention
B	before
BA	biannually
BCT	basic combat training
BNCOC	Basic Noncommissioned Officers Course
BSTS	base shop test station
BW	biweekly
CBU	calibrate before use
CCI	controlled cryptographic item
CIP	Command Inspection Program
CNR	calibration not required
COMSEC	communications security
CTT	common task test
D	during
DA	Department of the Army
DA Form	Department of the Army form
DA Label	Department of the Army label

DA Pam	Department of the Army pamphlet
DD Form	Department of Defense form
ECU	environmental control unit
EIR	equipment improvement recommendation
ELSEC	electronic security
EOM	electro-optical module
EOTF	electro-optics test facility
ERS	Electronic Repair Shelter
FEDLOG	Federal Logistics
FM	frequency modulation
FM (1)	field manual
HQ TRADOC	Headquarters, Training and Doctrine Command
HR	hand receipt
IAW	in accordance with
ICD	Interconnection Device
IFTE	Integrated Family of Test Equipment
IMPL	initial mandatory parts list
INFOSEC	Information System Security
Kw	Kilowatt
LRU	line replaceable unit
M	monthly
MCP	maintenance collection point
MCSR	materiel condition status report
METL	mission essential task list
MEVA	mission essential or vulnerable area
MO	monthly
MOS	military occupational specialty
MOSC	military occupational specialty code

MST	maintenance support team
MTP	mission training plan
MWO	modification work order
NBC	nuclear, biological, and chemical
NCO	noncommissioned officer
NCOIC	noncommissioned officer in charge
NMC	Nonmission Capable
NMP	national maintenance point
NSN	national stock number
OPLAN	operations plan
OPORD	operations order
OPSEC	operations security
OPTEMPO	operational tempo
ORF	operation readiness float
PLL	prescribed load list
PMCS	preventive maintenance checks and services
Q	quarterly
QDR	Quality Deficiency Report
QT	quarterly
RDL	Reimer Digital Library
RO/ROP	reorder/reorder point
ROP	reorder point
RX	reparable exchange
S	semiannually
SA	semiannually
SAMS	Standard Army Maintenance System
SAMS-1	Standard Army Maintenance System-1

SAMS-2	Standard Army Maintenance System-2
SC	supply catalog
SF	standard form
SIGSEC	signal security
SL	skill level
SLAC	Support List Allowance Card
SM/TG	soldier's manual/trainer's guide
SMCT	soldier's manual of common tasks
SMD	surface mounted device
SOP	standing operating procedure
SRU	shop-replaceable unit
SSA	supply support activity
STP	soldier training publication
TB	technical bulletin
TB MED	technical bulletin (medical)
TC	training circular
TM	technical manual
TMDE	test measurement and diagnostic equipment
TPS	Test Program Set
TRADOC	United States Army Training and Doctrine Command
UMCP	unit maintenance collection point
UND	urgency of need designator
UUT	unit under test
Vdc	volt direct current
VIC	Virtual Instrument Chassis
VME	Versa Module European
VXI	VME bus extension for instrumentation
W	weekly

WK weekly

Section II

Terms

ARTEP (Army Training and Evaluation Program)

The US Army's collective training program that establishes unit-training objectives critical to unit survival and performance in combat. It combines the training and evaluation process into one integrated function. The ARTEP is a training program and not a test. The sole purpose of external evaluation under this program is to diagnose unit requirements for future training.

GO/NO-GO

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

SAMS1 (1)

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

UNIT

Trained in the unit.

REFERENCES

Required Publications

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

Army Regulations

AR 190-13	The Army Physical Security Program 30 September 1993
AR 190-51	Security of Unclassified Army Property (Sensitive and Nonsensitive) 30 September 1993
AR 220-1	Unit Status Reporting 1 September 1997
AR 25-400-2	The Modern Army Record Keeping System (MARKS) 1 October 2000
AR 350-57	Self-Development Test 17 June 1994
AR 380-19	Information Systems Security 27 February 1998
AR 380-40	(O) Policy for Safeguarding and Controlling Communications Security (COMSEC) Material (U) 30 June 2000
AR 380-5	Department of the Army Information Security Program 29 September 2000
AR 385-10	The Army Safety Program 23 May 1988
AR 40-5	Preventive Medicine 15 October 1990
AR 530-1	Operations Security (OPSEC) 3 March 1995
AR 600-8-10	Leaves and Passes 1 July 1994
AR 600-8-19	Enlisted Promotions and Reductions 2 October 2000
AR 600-8-22	Military Awards 25 February 1995
AR 623-205	Noncommissioned Officer Evaluation Reporting System 17 December 2001
AR 635-200	Enlisted Personnel 1 November 2000
AR 672-20	Incentive Awards 1 June 1993
AR 700-138	Army Logistics Readiness and Sustainability 16 September 1997
AR 710-2	Inventory Management Supply Policy Below the Wholesale Level 31 October 1997
AR 725-50	Requisition, Receipt, and Issue System 15 November 1995
AR 735-5	Policies and Procedures for Property Accountability 31 January 1998
AR 750-1	Army Materiel Maintenance Policy and Retail Maintenance Operations 1 August 1994

Department of Army Forms

DA FORM 2028	Recommended Changes to Publications and Blank Forms 1 February 1974
DA FORM 2062	Hand Receipt/Annex Number 1 January 1982
DA FORM 2063-R	Prescribed Load List 1 January 1982
DA FORM 2064	Document Register for Supply Actions 1 January 1982
DA FORM 2402	Exchange Tag 1 December 1985
DA FORM 2404	Equipment Inspection and Maintenance Worksheet 1 April 1979
DA FORM 2405	Maintenance Request Register 1 April 1962
DA FORM 2406	Material Condition Status Report 1 April 1993
DA FORM 2407	Maintenance Request 1 July 1994

DA FORM 2407-1	Maintenance Request - Continuation Sheet 1 July 1994
DA FORM 2408-12	Army Aviator's Flight Record 1 January 1992
DA FORM 2408-13	Aircraft Status Information Record 1 October 1991
DA FORM 2408-13-1	Aircraft Maintenance and Inspection Record 1 October 1997
DA FORM 2408-14	Uncorrected Fault Record 1 June 1994
DA FORM 2410	Component Removal and Repair/Overhaul Record 1 October 1997
DA FORM 3266-1	Army Missile Materiel Readiness Report 1 April 1993
DA FORM 3266-2-R	Army Missile Materiel Readiness Report 1 April 1993
DA FORM 3318	Records of Demands-Title Insert 1 January 1982
DA FORM 3758-R	Calibration and Repair Requirements Worksheet (LRA) 1 December 1996
DA FORM 4569	Requisition Code Sheet 1 July 1996
DA FORM 5164-R	Hands-On Evaluation (LRA) 1 September 1985
DA FORM 5165-R	Field Expedient Squad Book (LRA) 1 September 1985
DA FORM 5988-E	Equipment Inspection Maintenance Worksheet (EGA) 1 March 1991
DA FORM 5990-E	Maintenance Request (EGA) 1 March 1991

Department of Army Pamphlets

DA PAM 190-51	Risk Analysis for Army Property 30 September 1993
DA PAM 25-30	Consolidated Index of Army Publications and Blank Forms (ISSUED QUARTERLY)(No Printed Copies Exist)(Formerly DA Pam 310-1) 1 October 2002
DA PAM 25-380-2	(O) Security Procedures for Controlled Cryptographic Items 10 January 1991
DA PAM 350-59	Army Correspondence Course Program Catalog 26 October 2001
DA PAM 385-1	Small Unit Safety Officer/NCO Guide 29 November 2001
DA PAM 40-501	Hearing Conservation Program 10 December 1998
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) (Standalone Pub) 31 December 1997
DA PAM 710-2-2	Supply Support Activity Supply System: Manual Procedures 30 September 1998
DA PAM 738-750	Functional Users Manual for The Army Maintenance Management System (TAMMS) 1 August 1994
DA PAM 738-751	Functional Users Manual for the Army Maintenance Management System-Aviation (TAMMS-A) 15 March 1999

Field Manuals

FM 101-5	Staff Organization and Operations 31 May 1997
FM 22-100	Army Leadership 31 August 1999
FM 24-16	Communications-Electronics Operations, Orders, Records, and Reports 7 April 1978
FM 25-101	Battle Focused Training 30 September 1990
FM 25-4	How to Conduct Training Exercises 10 September 1984
FM 25-5	Training for Mobilization and War 25 January 1985
FM 3-100.4	Environmental Considerations in Military Operations [MCRP 4-11B] 15 June 2000
FM 3-19.30	Physical Security 8 January 2001
FM 4-30.3	Maintenance Operations and Procedures 1 September 2000

FM 7-0 Training The Force 22 October 2002
 FM 9-43-2 Recovery and Battlefield Damage Assessment and Repair FMFRP 4-34;
 TO 36-1-180 3 October 1995

Other Product Types

AISM 25-L21-AHN-ZZZ-EM Standard Army Maintenance System Level 1(SAMS-1) End User Manual
 1 June 1997
 AISM 25-L26-AHO-ZZZ-EM Standard Army Maintenance System Level 2 (SAMS-2) 1 June 1997
 DA LABEL 80 U.S. Army Calibrated Instrument 1 December 1977
 DD FORM 1574 Serviceable Tag - Materiel 1 October 1966
 DD FORM 1574-1 Serviceable Label - Materiel 1 October 1966
 DD FORM 1575 Suspended Tag - Materiel 1 October 1966
 DD FORM 1575-1 Suspended Label - Materiel 1 October 1966
 DD FORM 1576 Test/Modification Tag - Materiel 1 October 1966
 DD FORM 1576-1 Test/Modification Label - Materiel 1 October 1966
 DD FORM 1577 Unserviceable (Condemned) Tag - Materiel 1 October 1966
 DD FORM 1577-1 Unserviceable (Condemned) Label - Materiel 1 October 1966
 DD FORM 1577-2 Unserviceable (Repairable) Tag - Materiel 1 October 1966
 DD FORM 1577-3 Unserviceable (Repairable) Label - Materiel 1 October 1966
 DD FORM 173/1 Joint Message Form 1 March 1979
 DD FORM 2332 Materiel Deficiency Exhibit 1 May 1984
 DD FORM 314 Preventive Maintenance Schedule and Record 1 December 1953
 FEDLOG S&I Cdr, USAMC Logistics Support (Issued Monthly) 1 October 2002
 SF 368 Product Quality Deficiency Report 1 October 1985
 SOP SOP

Soldier Training Publications

STP 21-1-SMCT Soldier's Manual Of Common Tasks Skill Level 1 1 October 2001
 STP 21-24-SMCT Soldier's Manual Of Common Tasks (SMCT) Skill Level 2-4 1 October
 2001

Technical Bulletins

TB 380-41 (O) Procedure for Safeguarding, Accounting, and Supply Control of
 COMSEC Material (Reprinted W/Basic Incl C1) 1 October 1994
 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 43-0001-SERIES Equipment Improvement Report and Maintenance Digest for Tank,
 Automotive, Armament and Chemical Equipment 1 October 2000
 TB 43-0124 Maintenance and Repair Procedure for Shelters, Electrical Equipment S-
 141/G and S-141B/G (NSN 5410-00-752-9698); S-144/G, S-144A/G, S-
 144B/G, S-144C/G, and S-144D/G (5410-00-542-2532); S-250/G (5410-
 00-999-4935); S-250/G (Shielded) (5410-00 5 June 1979
 TB 43-180 Calibration and Repair Requirements for the Maintenance of Army
 Materiel 1 December 2000
 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

ST 900-HN-GPT-020	Department of Defense Protrack I Model 20A/Protrack Scanner I Technical Reference and Operation Manual 091-LP-100-5609 1 March 2001
TM 11-6625-3173-12-1	Operator and Unit Maintenance Manual for Electrical-Electronic Equipment Test Stations: AN/USM-632 (V)3 (NSN 6625-01-324-1523) (EIC: KIG) (Integrated Family of Test Equipment (IFTE)) (Reprinted W/Basic Incl C1) 17 March 1999
TM 11-6625-3173-12-2	Operator and Unit Maintenance Manual for Electrical-Electronic Equipment Test Station, AN/USM-632 (V)3 (NSN 6625-01-324-1523)(EIC:KIG)(Integrated Family of Test Equipment (IFTE)) 17 March 1999
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TM 11-6625-3173-30-2	Direct Support (DS) Maintenance Manual for VIC Linear/28VDC Power Supply (Linear Power Supply), VIC Power Supply, PIC Drawer, and Power Control Unit (PCU); Components of Electrical-Electronic Equipment Test Stations AN/USM-632 (V)2, 12 March 1993
TM 11-6625-3174-13	Operator, Unit, and Direct Support Maintenance Manual for Electrical-Electronic Equipment Test Station AN/USM-632(V)4 1 February 2002
TM 11-6625-3178-14	Operator, Unit, Direct Support (DS) and General Support (GS) Maintenance Manual for Transportable Electronic Shop: Model AN/TSM-191 (V)2 (NSN 4940-01-293-5615) (EIC: GDB) Model AN/TSM-191 (V)3 (4940-01-324-1505) (EIC: KIF) Model AN/TSM-191 12 March 1993
TM 11-6625-3266-24&P	Unit, Direct Support (DS), and General Support (GS) Maintenance Manual (Including Repair Parts and Special Tools List) for Self Test Interface Connection Device a Component of Electrical-Electronic Equipment Test Stations AN/USM-632 (V)2, 12 March 1993
TM 11-6625-713-14&P	Operator, Organizational, Direct Support and General Support Maintenance Manual for Microblaster, MB 1002, (NSN 4940-01-290-2086) (EIC: N/A) Work Station, WS2260-4-2, (4940-01-459-3054) (EIC: N/A) Torit Cabinet Dust Collector, Model 64 26 February 1999
TM 11-6625-714-14&P	Department Of Defense Module Test and Repair User's Manual (AN/USM-646(V), AN/USM-658(V), AN/USM-647(V)) 0910-LP-028-8210 1 March 2001
TM 11-6625-715-14&P	Operator, Organizational, Direct Support and General Support Maintenance Manual for THELCO Oven, Model 130DM (NSN 4940-01-459-3055) (EIC: N/A) Component of Electronic Repair Shelter OA-8991/TSM-191 (V) (4940-01-445-0086) (EIC: N/A) 26 February 1999
TM 11-6625-716-14&P	Operator, Organizational, Direct Support and General Support Maintenance Manual for Mantis Stereo Viewing System, Consisting of Optical Inspection Unit (NSN 4940-01-459-3056) (EIC: N/A) and Boom Mount (4940-01-459-3053) (EIC: N/A) 26 February 1999
TM 11-6625-717-14&P	Operator, Organizational, Direct Support and General Support Maintenance Manual for VS7 S.M.D. Inspection System, Component Electronic Repair Shelter OA-8991/TSM-191(V) (NSN 4940-01-445-0086) (EIC: N/A) (S & I, CDR, US Army Aviation & Missi 26 March 1999
TM 11-6625-718-14-1	Operator, Organizational, Direct Support and General Support Maintenance Manual for VTS 1000 Series Tester Component Electronic

- Repair Shelter OA-8991/TSM-191(V) (NSN 4940-01-445-0086) (EIC: N/A) 30 September 1999
- TM 11-6625-718-14-2 Operator, Organizational, Direct Support and General Support Maintenance Manual for VTS 1000 Series Tester Component Electronic Repair Shelter OA-8991/TSM-191(V) (NSN 4940-01-445-0086) (EIC: N/A) 30 September 1999
- TM 11-6625-751-14 Operator, Organizational, Direct Support and General Support Maintenance Manual for Electronic Repair Shelter, OA-8991/TSM-191(V)(NSN 4940-01-445-0086)(EIC: N/A) 30 September 1998
- TM 3-4240-325-20&P Unit Maintenance Manual (Including RPSTL) for Filter Unit, Gas-Particulate: 100 CFM, 120 V, 50, 60, and 400 HZ, M93 (NSN 4240-01-231-6515) 1 September 1991
- 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 5-4120-384-14 Operator's, Organizational, DS, and GS Maintenance Manual for Air Conditions, Horizontal, Compact, 18000 BTU/HR, 208V, 3 Phase 50/60 HZ, Mdl F138H-3S, Mdl F18H-3SB (4120-01-268-4451) and 230V, Single Phase, 60HZ, Mdl F18H-1S 27 May 1985
- TM 9-2330-363-14&P Operator's, Organizational, Direct Support and General Support Maintenance Manual Including Repair Parts and Special Tools List Semitrailer, Van: Repair Facility, XM991 (NSN 2330-01-093-8322); Semitrailer, Van: Repair Facility, XM991E1 4 June 1982
- TM 9-4120-370-14 Operator's Unit, Direct Support and General Support Maintenance Manual for Air Conditioner, Vertical Compact, 36,000 BTU Cooling, 28,600 BTU/HR Heating, 208Volts, 3 Phase, 400 Hertz KECO Model F36T4-2S (NSN 4120-01-110-2034) 31 August 1993
- TM 9-6115-651-14&P Operator, Unit, Direct Support and General Support Maintenance Manual (Including Repair Parts and Special Tools Lists) for Power Unit PU-707A/M (NSN 6115-00-394-9573) MEP-115, 60 KW, 400 HZ, Generator Set M200A1, 2-Wheel, 4-Tire, Modified 10 May 1990
- TM 9-6115-663-13&P Operator, Unit, and Direct Support Maintenance Manual Including Repair Parts and Special Tools List for Power Unit, Diesel Engine Driven, 2.5 Ton Trailer-Mounted, 6.0 KW, 50/60 HZ, PU-805 15 October 1993
- TM 9-6625-3173-40-1 General Support (GS) Maintenance Manual for Electrical-Electronic Equipment Test Stations AN/USM-632 (V)2, (NSN 6625-01-296-5547); and AN/USM-632 (V)3, (6625-01-324-1532) (Reprinted W/Basic Incl C1) 20 October 1995
- TM 9-6625-3173-40-2 General Support (GS) Maintenance Manual for Electrical-Electronic Equipment Test Stations AN/USM-632 (V)2, (NSN 6625-01-296-5547); and AN/USM-632 (V)3, (6625-01-324-1523) (Reprinted W/Basic Incl C1) 20 October 1995
- TM 9-6625-901-24 Unit, Direct Support (DS), and General Support (GS) Maintenance Manual for Test Program Set: TS-4449/USM 30 April 1996

Training Circulars

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

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AR 200-1	Environmental Protection and Enhancement 21 February 1997
AR 220-45	Duty Rosters 15 November 1975
AR 25-50	Preparing and Managing Correspondence 5 March 2001
AR 380-15	(C) Safeguarding Classified NATO Information(U) 1 March 1984
AR 380-19	Information Systems Security 27 February 1998
AR 380-40	(O) Policy for Safeguarding and Controlling Communications Security (COMSEC) Material (U) 30 June 2000
AR 385-40	Accident Reporting and Records 1 November 1994
AR 5-12	Army Management of the Electromagnetic Spectrum 1 October 1997
AR 702-7	Product Quality Deficiency Report Program [DLAR 4155.24; Secnavinst 4855.5A; AFR 74.6] 20 July 1993
AR 702-7-1	Reporting of Product Quality Deficiencies Within the US Army 2 July 2001
AR 710-1	Centralized Inventory Management of the Army Supply System 1 March 2001
AR 710-2	Inventory Management Supply Policy Below the Wholesale Level 31 October 1997
AR 750-1	Army Materiel Maintenance Policy and Retail Maintenance Operations 1 August 1994

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DA FORM 2404	Equipment Inspection and Maintenance Worksheet 1 April 1979
DA FORM 2407	Maintenance Request 1 July 1994
DA FORM 2407-1	Maintenance Request - Continuation Sheet 1 July 1994
DA FORM 2765-1	Request for Issue or Turn-in 1 April 1976
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DA FORM 638	Recommendation for Award 1 November 1994

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DA PAM 190-51	Risk Analysis for Army Property 30 September 1993
DA PAM 200-1	Handbook for Environmental Impact Analysis (GPO SN: 0820-00551-7) 17 January 2002
DA PAM 25-1-1	Installation Information Services 27 August 1991
DA PAM 25-380-2	(O) Security Procedures for Controlled Cryptographic Items 10 January 1991
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DA PAM 750-1	Leader's Unit Level Maintenance Handbook 15 February 1994

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FM 100-10 Combat Service Support 3 October 1995
 FM 24-33 Communications Techniques: Electronic Counter-Countermeasures 17 July 1990
 FM 3-04.500 Army Aviation Maintenance 26 September 2000
 FM 3-25.26 Map Reading and Land Navigation 20 July 2001
 FM 34-60 Counterintelligence 3 October 1995
 FM 4-30.3 Maintenance Operations and Procedures 1 September 2000
 FM 55-30 Army Motor Transport Units and Operations 27 June 1997

Lubrication Orders

LO 9-2320-272-12 Truck, 5-Ton, 6x6, M939, M939A1 and M939A2 Series (Diesel) Truck, Cargo, 5-Ton, 6x6, Dropside, M923 (NSN 2320-01-050-2084), M923A1 (2320-01-206-4087), M923A2 (2320-01-230-0307), M925 (2320-01-047-8769), M925A1 (2320-01-206-4088), M925A 11 June 1990

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 DD FORM 314 Preventive Maintenance Schedule and Record 1 December 1953
 SF 700 Security Container Information 1 August 1985
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STP 21-1-SMCT Soldier's Manual Of Common Tasks Skill Level 1 1 October 2001
 STP 21-24-SMCT Soldier's Manual Of Common Tasks (SMCT) Skill Level 2-4 1 October 2001

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TB 380-41 (O) Procedure for Safeguarding, Accounting, and Supply Control of COMSEC Material (Reprinted W/Basic Incl C1) 1 October 1994
 TB 385-4 Safety Requirements for Maintenance of Electrical and Electronic Equipment 1 August 1992
 TB 43-0118 Field Instructions for Painting and Preserving Communications-Electronics Equipment. 15 June 1986.
 TB 43-0124 Maintenance and Repair Procedure for Shelters, Electrical Equipment S-141/G and S-141B/G (NSN 5410-00-752-9698); S-144/G, S-144A/G, S-144B/G, S-144C/G, and S-144D/G (5410-00-542-2532); S-250/G (5410-00-999-4935); S-250/G (Shielded) (5410-00 5 June 1979
 TB 43-0129 Safety Requirements for Use of Antenna and Mast Equipment 15 June 1986

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ST 900-HN-GPT-020 Department of Defense Protrack I Model 20A/Protrack Scanner I Technical Reference and Operation Manual 091-LP-100-5609 1 March 2001
 TM 11-6625-3173-12-1 Operator and Unit Maintenance Manual for Electrical-Electronic Equipment Test Stations: AN/USM-632 (V)3 (NSN 6625-01-324-1523) (EIC: KIG) (Integrated Family of Test Equipment (IFTE)) (Reprinted W/Basic Incl C1) 17 March 1999

TM 11-6625-3173-12-2 Operator and Unit Maintenance Manual for Electrical-Electronic Equipment Test Station, AN/USM-632 (V)3 (NSN 6625-01-324-1523)(EIC:KIG)(Integrated Family of Test Equipment (IFTE)) 17 March 1999

TM 11-6625-3173-24P Organizational, Direct Support and Direct Support Maintenance Repair Parts and Special Tools List (Including DEPOT and Maintenance Repair Parts and Special Tools) for Electrical-Electronic Equipment Test Stations: AN/USM-632(V)2 (NSN 6625-0 31 March 1999

TM 11-6625-3173-30-1 Direct Support (DS) Maintenance Manual for Electrical-Electronic Equipment Test Stations: Model AN/USM-632 (V)3 (NSN 6625-01-324-1523)(EIC:KIG)(Integrated Family of Test Equipment (IFTE)) 31 March 1999

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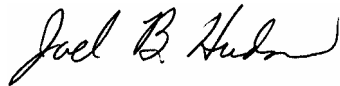
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