

**Summary Report for Individual Task
091-94F-1001**

**Repair Electronic Systems Test Set TS-3895A/UV
Status: Approved**

Distribution Restriction: Approved for public release; distribution is unlimited.

Destruction Notice: None

Foreign Disclosure: FD5 - This product/publication has been reviewed by the product developers in coordination with the CASCOM & Fort Lee, VA foreign disclosure authority. This product is releasable to students from all requesting foreign countries without restrictions.

Condition: You are in an Operational Environment (OE), with a non-mission capable TS-3895A/UV with the following form DA Form 2407, Maintenance Request or DA Form 5990-E, Maintenance Request (EGA), and DA Form 2404, Equipment Inspection and Maintenance Worksheet or DA Form 5988-E Equipment Inspection Maintenance Worksheet (EGA) that has been submitted to your C & E Shop. Your supervisor has assigned the work order to you for repair. At your workstation you have the following items: a Digital Multimeter AN/PSM-45; Tool Kit TK-105/G; special tools and test equipment listed in the technical manuals (TMs): TM 11-5855-264-14; TM 11-5855-264-24P; DA Form 2407 or DA Form 5990-E; DD Form 1577, Unserviceable (Condemned) Tag - Material; TB 385-4, Safety Requirements for Maintenance of Electrical and Electronic Equipment and DA Pamphlet 750-8, The Army Maintenance Management System (TAMMS) User Manual. This task should not be trained in MOPP 4.

Standard: Return item to mission capable condition per TM 11-5855-264-14 and TM 11-5855-264-24P. Complete DA Form 2407 or DA Form 5990-E per DA Pamphlet 750-8.

Special Condition: None

Safety Risk: Low

MOPP 4: Never

Task Statements

Cue: Your supervisor has directed you to repair a TS-3895A/UV with a suspected fault that has been submitted to your C&E Shop. Take appropriate action to return the equipment to operational condition.

DANGER

None

WARNING

- High Voltage is used in operation of this equipment.
- When possible, keep one hand out of contact with equipment. This prevents current from flowing through vital organs of the body.
- Remove all jewelry before beginning work on electric equipment.

CAUTION

- Wear lint-free nylon gloves when handling light source bulb, dome cover and mirrors to avoid oil and dirt from fingers.

Remarks: None

Notes: None

Performance Steps

1. Complete appropriate blocks on DA Form 2407 or DA Form 5990-E.
2. Obtain and prepare required tools, test equipment, and references per TM 11-5855-264-14.
3. Identify defective parts per TM 11-5855-264-14 and TM 11-5855-264-24P.
4. Replace or repair defective parts and or components per TM 11-5855-264-14 and TM 11-5855-264-24P.
 - a. Remove components and parts to be replaced and those that prevented access to them.
 - b. Disassemble components and parts to be replaced.
 - c. Clean all components or parts that were dusty, dirty, or corroded.
 - d. Replace serviceable parts and/or components, if necessary.
 - e. Reassemble equipment.
5. Go through Test Set Self Test steps to ensure equipment passes self test.
6. Complete appropriate blocks on DA Form 2407 or DA Form 5990-E.
7. Tag defective parts using DD Form 1577 for turn-in per DA PAM 750-8.
8. Notify supervisor upon completion of task.

(Asterisks indicates a leader performance step.)

Evaluation Guidance: None

Evaluation Preparation: None

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Completed appropriate blocks on DA Form 2407 or DA Form 5990-E.			
2. Obtained and prepared required tools, test equipment, and references per TM 11-5855-264-14.			
3. Identified defective parts per TM 11-5855-264-14 and TM 11-5855-264-24P.			
4. Replaced or repaired defective parts and or components per TM 11-5855-264-14 and TM 11-5855-264-24P.			
a. Removed components and parts to be replaced and those that prevented access to them.			
b. Disassembled components and parts to be replaced.			
c. Cleaned all components or parts that were dusty, dirty, or corroded.			
d. Replaced serviceable parts and/or components, if necessary.			
e. Reassembled equipment.			
5. Performed Test Set Self Test steps to ensure equipment passed self test.			
6. Completed appropriate blocks on DA Form 2407 or DA Form 5990-E.			
7. Tagged defective parts using DD Form 1577 for turn-in per DA PAM 750-8.			
8. Notified supervisor upon completion of task.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	DA FORM 2404	EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET	No	No
	DA FORM 2407	MAINTENANCE REQUEST	No	No
	DA FORM 5988-E	Equipment Inspection Maintenance Worksheet	No	No
	DA FORM 5990-E	Maintenance Request	No	No
	DD FORM 1577	UNSERVICEABLE (CONDEMNED) TAG - MATERIEL	No	No
	LOCAL SOP	LOCAL SOP	No	No
	PAM 750-8	The Army Maintenance Management System (TAMMS) Users Manual.	Yes	No
	TB 385-4	SAFETY REQUIREMENTS FOR MAINTENANCE OF ELECTRICAL AND ELECTRONIC EQUIPMENT	No	No
	TM 11-5855-264-14	OPERATORS, AVIATION UNIT, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE MANUAL FOR TEST SET, AVIATORS NIGHT VISION IMAGING SYSTEM TS-3895/UV (NSN 6625-01-134-7146) (EIC:IPP) AND TEST SET, ELECTRONICS S	Yes	No
	TM 11-5855-264-24P	AVIATION UNIT, INTERMEDIATE DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST (INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST) FOR TEST SETS, ELECTRONICS	Yes	No

Environment: Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT. Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT.

Safety: In a training environment, leaders must perform a risk assessment in accordance with ATP 5-19, Risk Management. Leaders will complete the current Deliberate Risk Assessment Worksheet in accordance with the TRADOC Safety Officer during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination. In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, Composite Risk Management. Leaders will complete a DA Form 7566 COMPOSITE RISK MANAGEMENT WORKSHEET during the planning and completion of each task and sub-task by assessing mission, enemy, terrain, weather, troops and support, available-time, and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, NBC Protection, FM 3-11.5, CBRN Decontamination.

Prerequisite Individual Tasks : None

Supporting Individual Tasks : None

Supported Individual Tasks : None

Supported Collective Tasks : None