

**Summary Report for Individual Task
091-94R-1502**

**Maintain the TS-3895A Night Vision Test Set
Status: Approved**

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

Destruction Notice: None

Foreign Disclosure: FD6 - This product/publication has been reviewed by the product developers in coordination with the FT. Lee/ CASCOM foreign disclosure authority. This product is releasable to students from foreign countries on a case-by-case basis.

Condition: You are in an Operational Environment (OE), with a non-mission capable TS-3895A/UV with the following; 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 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 738-751, The Army Maintenance Management System (TAMMS) User Manual. Some iterations of this task should be performed in MOPP 4.

Standard: Maintain the TS-3895A Night Vision Test Set to fully mission capable per TM 11-5855-264-14 and TM 11-5855-264-24P. Complete all maintenance forms and records in accordance with DA Pam 738-751 without error and ensure all safety precautions are observed without violation.

Special Condition: None

Safety Risk: Low

MOPP 4: Sometimes

Task Statements

Cue: Your supervisor has directed you to repair a TS-3895A/UV with a suspected fault that has been submitted to your shop. Take appropriate action to return the equipment to operational condition per TM 11-5855-264-14 and TM 11-5855-264-24P.

DANGER

None

WARNING

Remove all jewelry before beginning work on electric equipment.

Never work on electric equipment by yourself. Have another person nearby who knows operation and hazards of equipment, and can administer first aid. When technicians are aided by operators, they must be warned of dangers.

When possible, turn off power before starting work. Always ground equipment before touching it.

When possible, keep one hand out of contact with equipment. This prevents current from flowing through vital organs of body.

CAUTION

None

Remarks: None

Notes: None

Performance Steps

1. Complete appropriate blocks on maintenance request forms DA Form 2407 per DA PAM 738-751.
2. Set up test equipment and obtain required tools per TM 11-5855-264-14.
3. Identify the defective part (s) using the troubleshooting chart per TM 11-5855-264-14 and TM 11-5855-264-24P.
4. Replace defective part (s) per TM 11-5855-264-14 and TM 11-5855-264-24P.
5. Perform operational checks per TM 11-5855-264-14 test set self test.
6. Complete appropriate blocks on maintenance request forms per DA PAM 738-751.
7. Tag defective part (s) for turn-in using DD form 1577 per DA PAM 738-751.
8. Notify supervisor upon completion of task.

(Asterisks indicates a leader performance step.)

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 the Soldier what was done wrong and how to do it correctly.

Evaluation Preparation: Ensure all items required in the condition statement (or appropriate substitutions) are on hand and all safety requirements are met.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Completed appropriate blocks on maintenance request forms DA Form 2407 per DA PAM 738-751.			
2. Properly set up test equipment and obtain required tools per TM 11-5855-264-14.			
3. Identified the defective part (s) using the troubleshooting chart per TM 11-5855-264-14 and TM 11-5855-264-24P.			
4. Replaced defective part (s) per TM 11-5855-264-14 and TM 11-5855-264-24P.			
5. Performed operational checks per TM 11-5855-264-14 test set self test.			
6. Completed appropriate blocks on maintenance request forms per DA PAM 738-751.			
7. Tagged defective part (s) for turn-in using DD form 1577 per DA PAM 738-751.			
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	Yes	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
	PAM 738-751	FUNCTIONAL USER'S MANUAL FOR THE ARMY MAINTENANCE MANAGEMENT SYSTEM-AVIATION (TAMMS-A) http://www.apd.army.mil/pdffiles/p738_751.pdf	No	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. In an operational environment, it is the responsibility of the soldier and DA civilians to protect the environment from damage. All operations must conform to the Army Environmental Program, TC 3-34.489 (The Soldier and the Environment), FM 3-100.4 (Environmental Consideration in Military Operations), and local, state, and federal environmental policies, the Clean Air Act (CAA), CAA amendments, National Ambient Air-Quality Standards (NAAQS), as well as Occupational Safety and Health Administration (OSHA), Hazard Communication Standard for Industry, 29 CFR, part 1910.

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. Incidental to Army operations and activities, all operations must provide for public safety, safe and healthful work places, procedures, and equipment. Observe all safety precautions when using lifting devices and handling heavy parts. Observe all safety and/or environmental precautions regarding electricity, radiation, radio frequency (RF), fuel, lubricants, high pressures, and refrigerants. Provide ventilation for exhaust fumes during equipment operation and use hearing protection when required in accordance with AR 385-10, (The Army Safety Program) the Clean Air Act (CAA), CAA amendments, National Ambient Air-Quality Standards (NAAQS), and the Occupational Safety and Health Administration (OSHA) Hazard Communication standard.

Prerequisite Individual Tasks : None

Supporting Individual Tasks : None

Supported Individual Tasks : None

Supported Collective Tasks : None