

Report Date: 29 Apr 2012

**Summary Report for Individual Task
091-94E-1059
Repair AN/PSC-5(*)
Status: Approved**

DISTRIBUTION RESTRICTION: Approved for public release; distribution is unlimited.

DESTRUCTION NOTICE: None

Condition: In an operational environment, a unit has submitted for repair a faulty AN/PSC-5(*) to your maintenance shop. Your supervisor has directed you to perform the repair. At your workstation you have the following: Digital Multimeter, AN/PSM-45A; Modulation Meter , ME-505A; Power Meter , AN/USM-491; Handset, H-250()/U; Key Fill Device; Tool Kit, TK-105(*)/G and power supply, TM 11-5820-1130-30&P , DA Form 2404, DA Form 2407, DA Pam 750-8 and a Local Standard Operation Procedure (SOP).Operation Procedure (SOP).

Standard: 1. Repaired the AN/PSC-5(*) in accordance with TM 11-5820-1130-30&P. 2. Completed maintenance forms and records in accordance with DA Pam 750-8. 3. Ensured all safety precautions are observed without violation.

Special Condition: None

Special Standards: None

Special Equipment:

Safety Level: Low

MOPP:

Task Statements

Cue: faulty AN/PSC-5(*) has been submitted to your repair shop. Your supervisor has directed you to perform the repair .

DANGER

None

WARNING

- Use of the AN/PSC-5 in the AM or FM Line-Of-Sight (LOS) modes cannot expose the user to nonionizing radiation greater than the whole-body or partial-body limits. Physical contact with any nearby metallic objects may cause a RF shock or burn and shall therefore be avoided. Do not use the antenna if the sheath covering is damaged or removed because contact with the internal metallic parts of the antenna can cause a RF shock or burn.

- Volume levels at the handset/headset/earphone/loudspeaker must be adjusted to the minimum levels required for operation. The volume control should be adjusted from the minimum position up to a comfortable level. Prolonged excessive volume will lead to hearing loss.

CAUTION

None

Remarks: None

Notes: TM 11-5820-1130-30&P is used for all references unless otherwise noted.

Performance Steps

1. Obtain required tools and test equipment. (Ch. 4.1)
Note:
2. Fill appropriate blocks on maintenance request forms in accordance with DA PAM 750-8.
3. Perform visual inspection. (Ch. 4.3)
4. Conduct performance test. (Ch. 4.4)
5. Isolate fault by using the Fault Isolation Table. (Ch. 4.5)
6. Identify the defective module(s) or component(s).
7. Replace the defective module(s) or component(s).
8. Conduct performance test to verify repair. (Ch 4.5.2)
9. Finalize appropriate blocks on maintenance request forms in accordance with DA PAM 750-8.
10. Tag defective part(s) for turn-in in accordance with DA PAM 750-8.
11. Notify section supervisor upon completion of task.

(Asterisks indicates a leader performance step.)

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. Obtained required tools and test equipment.			
2. Filled appropriate blocks on maintenance request forms.			
3. Performed visual inspection.			
4. Conducted performance test.			
5. Isolated fault by using the Fault Isolation Table.			
6. Identified the defective module(s) or component(s).			
7. Replaced the defective module(s) or component(s).			
8. Conducted performance test.			
9. Finalized appropriate blocks on maintenance request forms.			
10. Tagged defective part(s) for turn-in.			
11. Notified section supervisor upon completion of task.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	PAM 750-8	The Army Maintenance Management System (TAMMS) Users Manual.	Yes	No
	TM 11-5820-1130-12&P	OPERATORS AND UNIT MAINTENANCE MANUAL (INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST) FOR RADIO SET AN/PSC-5 (NSN 5820-01-366-4120) (EIC: N/A) {TO 31R2-2PSC5-1; NAVELEX EE125-WU-OMI-010/PSC-5; TM 10191A-	No	No
	TM 11-5820-1130-30&P	DIRECT SUPPORT MAINTENANCE MANUAL (INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST) FOR RADIO SET AN/PSC-5 (NSN 5820-01-366-4120) (EIC: N/A) {TO 31R2-2PSC5-2; NAVELEX EE125-WU-MMO-010/PSC-5; TM 10191A-30&P/	Yes	No

Environment: All operations must conform to the Army Environmental Program, TC 3-34.489 (The Soldier and the Environment), 3-34.5 (ENVIRONMENTAL CONSIDERATIONS {MCRP 4-11B}), AR 200-1 Environmental Protection and Enhancement), local, state, and federal environmental policies, The Clean Air Act (CAA), CAA amendments, National Ambient Air-Quality Standards (NAAQS), as well as OSHA Hazard Communication Standard for Industry, 29 CFR, part 1910.

Safety: 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 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, NBC Protection, FM 3-11.5, CBRN Decontamination. Incidental to Army operations and activities, all operations must provide for public safety, safe and healthful workplaces, 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 (RD), 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 Clear Air Act (CAA), CAA amendments, National Ambient Air Quality Standards (NAAQS), and the OSHA Communication Standard.

Prerequisite Individual Tasks : None

Supporting Individual Tasks : None

Supported Individual Tasks : None

Supported Collective Tasks :

Task Number	Title	Proponent	Status
09-2-4000	Perform Direct Support Maintenance Operations (EAD)	09 - Ordnance (missiles and munitions) (Collective)	Approved

ICTL Data :

ICTL Title	Personnel Type	MOS Data
94E Radio Communications Security Repairer Skill Level 1	Enlisted	MOS: 94E, Skill Level: SL1