

**Report Date:** 29 Apr 2012

**Summary Report for Individual Task  
091-94E-1013  
Repair Military Power Supplies  
Status: Approved**

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

DESTRUCTION NOTICE: None

**Condition:** In an operational environment, a unit your ELM shop supports has turned in non-mission capable Military Power Supply (PP-6224(\*)/U or PP-2953(\*)/U) and maintenance request packet. Your shop foreman has assigned the work order to you for repair. Your work area has the following items available to complete the task; TK-105(\*)/G, Multimeter TS-352B/U, Test Set, Transistor TS-1836/U; repair parts; TM 11-6130-233-12, TM 11-6130-233-35, TM 11-6130-266-15, TM 11-6130-233-24P, TM 11-6130-266-24P-2 ; DA Pam 750-8 and local SOP. Note: If any of the listed equipment is obsolete or not available, use equivalent equipment.

**Standard:** Repaired the power supply in accordance with the applicable technical manual. Correctly completed all maintenance form packet in accordance with DA Pam 750-8 Ch. 3.

**Special Condition:** None

**Special Standards:** None

**Special Equipment:**

**MOPP:**

<b>Task Statements</b>
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**Cue:** A NMC Military Power Supply has been submitted to your ELM shop, your supervisor has directed you to perform the repair.

<b>DANGER</b>
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None

<b>WARNING</b>
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High voltages and currents exist in this equipment. DO NOT TAKE CHANCES!

Be careful when working on the 115-volt or the 230-volt ac line connections. Serious injury or death can result from contact with these terminals.

To avoid possible electrical shock! Power Supply PP-6224/U should be used only with a 3-wire grounded ac power source, a 2-wire adapter must not be used.

<b>CAUTION</b>
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None

**Remarks:** None

**Notes:** None

### Performance Steps

1. Obtain required tools and test equipment. (Refer to TM)
2. Fill appropriate blocks on maintenance request form.(DA PAM 750-8 Ch. 3)
3. Perform visual inspection.
4. Set up test equipment.
5. Perform troubleshooting procedures.
6. Identify the defective module(s) or component(s).
7. Replace the defective module(s) or component(s).
8. Employ Power supply to verify repair.
9. Finalize appropriate blocks on maintenance request forms.
10. Tag defective part(s) for turn-in.
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, test equipment and references.			
2. Completed appropriate blocks on maintenance request forms.			
3. Performed visual inspection.			
4. Set up test equipment in accordance with TM.			
5. Performed troubleshooting procedures in accordance with TM.			
6. Identified the defective part(s).			
7. Replaced defective part(s) with operational ones.			
8. Employed Power supply to verify repair.			
9. Completed appropriate blocks on maintenance request forms.			
10. Tagged defective parts for turn-in.			
11. Notified 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 11-6130-233-12	OPERATORS AND ORGANIZATIONAL MAINTENANCE MANUAL: POWER SUPPLIES, PP-2953/U, PP-2953A/U, PP-2953B/U AND PP-2953C/U (NSN 6130-00-985-7899) (REPRINTED W/BASIC INCL C1)	Yes	No
	TM 11-6130-233-24P	ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST FOR POWER SUPPLY: PP-2953/U, PP-2953A/U, PP-2953B/U, AND PP-2953C/U (NSN 6130-00-985-7899)	No	No
	TM 11-6130-233-35	DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE MANUAL FOR POWER SUPPLIES, PP-2953/U, PP-2953A/U, PP-2953B/U AND PP-2953C/U (NSN 6130-00-985-7899) (REPRINTED W/BASIC INCL C2-9)CLUD	Yes	No
	TM 11-6130-266-15	OPERATORS, ORGANIZATIONAL, DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE MANUAL (INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST) FOR POWER SUPPLY, PP-6224/U AND PP-6224A/U (NSN 6130-00-133-5879)	Yes	No
	TM 11-6130-266-24P-2	ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS FOR POWER SUPPLY PP-6224A/U (NSN 6130-00-133-5879) (REPRINTED W/BASIC INCL C1)D O	No	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 (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 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 :**

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

**ICTL Data :**

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