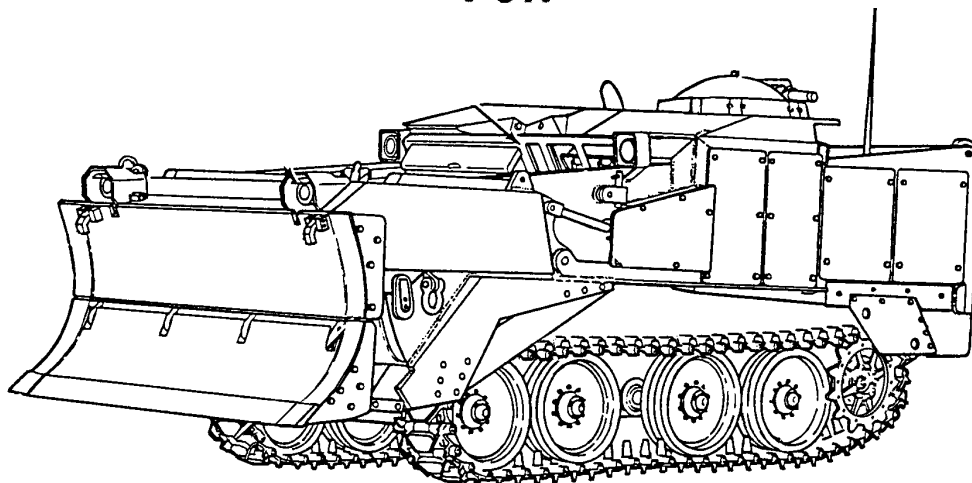


# TM 5-2350-262-10-HR\*

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**HAND RECEIPT  
COVERING CONTENTS OF  
COMPONENTS OF END ITEM (COEI),  
BASIC ISSUE ITEMS (BI), AND  
ADDITIONAL AUTHORIZATION LIST (AAL)  
FOR**



**ARMORED COMBAT EARTHMOVER  
(ACE), M9  
(NSN 2350-00-808-7100)**

\*THIS PUBLICATION SUPERSEDES TM 5-2350-262-10-HR DATED NOVEMBER 1998 AND ALL RELATED CHANGES.

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

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**HEADQUARTERS, DEPARTMENT OF THE ARMY**

27 March 2000

## LIST OF EFFECTIVE PAGES/WORK PACKAGES

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TOTAL NUMBER OF PAGES IS 11 CONSISTING OF THE FOLLOWING:**

Page/WP No.	Change No.
Cover .....	0
List of Effective Pages ...	0
i and ii .....	0
1-1 to 1-2 .....	0
2-1 to 2-10 .....	0

**HAND RECEIPT**

**HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, D.C., 27 March 2000**

**HAND RECEIPT  
COVERING CONTENTS OF THE COMPONENTS OF THE END ITEM [COEI],  
BASIC ISSUE ITEMS [BII], AND  
ADDITIONAL AUTHORIZATION LIST [AAL]  
FOR  
ARMORED COMBAT EARTHMOVER  
(ACE), M9  
(NSN 2350-00-808-7100)**

**REPORTING OF ERRORS AND RECOMMENDING IMPROVEMENTS**

You can improve this manual. If you find any mistakes, or if you know of a way to improve the procedures, please let us know. Submit your DA Form 2028-2 (Recommended Changes to Equipment Technical Publications), through the Internet, on the Army Electronic Product Support (AEPS) website. The Internet address is <http://aeps.ria.army.mil>. If you need a password, scroll down and click on "ACCESS REQUEST FORM". The DA Form 2028 is located in the ONLINE FORMS PROCESSING section of the AEPS. Fill out the form and click on SUBMIT. Using this form on the ADPS will enable us to respond quicker to your comments and better manage the DA Form 2028 program. You may also mail, fax, or email your letter, DA Form 2028, or DA Form 2028-2 direct to: Commander, U.S. Army Tank-automotive and Armaments Command, ATTN: AMSTA-AC-NML, Rock Island, IL 61299-7630. The email address is [amsta-ac-nml@ria.army.mil](mailto:amsta-ac-nml@ria.army.mil). The fax number is DSN 793-0726 or Commercial (309) 782-0726.

**TABLE OF CONTENTS**

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\* This publication superceded TM 5-2350-262-10-HR dated November 1998 and all related changes.

## Section I. INTRODUCTION

**1. SCOPE.** This publication provides an overprinted DA Form 2062 (Hand Receipt) which lists the contents of Components of End Item (COEI), Basic Issue Items (BII), and Additional Authorization List (AAL) items related to the M9, Armored Combat Earthmover.

### **2. GENERAL.**

a. Section II is the overprinted DA Form 2062 which lists the line item entries for System/End Item and the contents of COEI, BII, and AAL extracted from TM 5-2350-262-10. The listings consist of exactly the same items and are in the same sequence as those listings in TM 5-2350-262-10.

b. The overprinted DA Form 2062 eliminates manual preparation of the form and assists organizations in accounting and taking inventory for property as required by AR 710-2.

c. Local reproduction of the overprinted DA Form 2062 is authorized. However, organizations shall comply with local policies in the reproduction of DA Form 2062 by office copying equipment, field printing plate, or duplicating plant facilities.

d. Additional copies may be requisitioned from the U.S. Army Adjutant General Publications Center, 1655 Woodson Road, St. Louis, MO 63114 in accordance with AR 25-30.

**3. EXPLANATION OF BLOCKS AND COLUMNS (DA FORM 2062).** Refer to Chapter 2, AR 710-2. Additional information required to complete DA Form 2062 is listed below:

a. Hand receipts shall identify the accounting requirement status of all line item entries listed in the description column; i.e., the first column (c.) to the right of the description column lists line item Expendability (EXP)/Accounting Requirements Codes (ARC). One of the following codes will apply:

- |                        |  |
|------------------------|--|
| (N) for Nonexpendable: | Items not consumed in use, retaining their identity during use, and requiring that accountability be maintained throughout the life of the item.   |
| (D) for Durable:       | Nonconsumable components of sets, kits, outfits, and assemblies; all tools in FSCs 5110, 5120, 5130, 5133, 5136, 5140, 5180, 5210, 5220, and 5280, and any other nonconsumables with a price in excess of \$50.00 not already coded "N." |
| (X) for Expendable:    | Items regardless of type, classification, or price which are consumed in use. Includes all Class 9 repair parts, and items not consumed in use which cost \$50.00 or less and not already coded "N" or "D."                              |

b. The third column (e.) to the right of the description column indicates the unit of issue.

c. Authorization documents are as follows:

(1) Components of End Item (COEI) are authorized by the applicable Repair Parts and Special Tools List (RPSTL).

(2) Basic Issue Items (BII) are authorized by the applicable operator's manual.

(3) Additional Authorization List (AAL) items are authorized by appropriate MTOE, TDA, CTA, or JTA authorization documents.

**4. SPECIAL INFORMATION.** Not applicable.

**Section II.**

<b>HAND RECEIPT/ANNEX NUMBER</b> <i>For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG</i>		FROM	TO	HAND RECEIPT NUMBER									
FOR ANNEX ONLY	END ITEM STOCK NUMBER	END ITEM DESCRIPTION	PUBLICATION NUMBER		PUBLICATION DATE	QUANTITY							
STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>		* <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	<i>g.</i> QUANTITY	A	B	C	D	E	F
	COMPONENTS OF END ITEM (COEI)												
3805-01-453-7669	Bit, End (19207) 12466264		N		EA	2							
2590-01-185-0169	Extension, Apron, LH Assembly (97403) 13214E2482		N		EA	1							
2590-01-182-8768	Extension, Apron, RH Assembly (97403) 13214E2481		N		EA	1							
2590-01-182-8767	Extension, Dozer, LH Assembly (97403) 13214E2483		N		EA	1							
	Extension, Dozer, LH Assembly (31969) 115M2090		N		EA	1							
	Steel, (NEW PRODUCTION)												
2590-01-182-8769	Extension, Dozer, RH Assembly (97403) 13214E2484		N		EA	1							
	Extension, Dozer, RH Assembly (31969) 115M2092		N		EA	1							
	Steel, (NEW PRODUCTION)												
2510-01-274-0998	Hatch Assembly, Driver's (19207) 12362200		N		EA	1							
	BASIC ISSUE ITEMS (BII)												
8105-01-185-0514	Bag, Textile (19207) 12334739 (For armor alignment		N		EA	1							
	pins stowage)												
5140-00-473-6256	Bag, Tool, Satchel (34623) 11655979		N		EA	1							
* WHEN USED AS A HAND RECEIPT, enter Hand Receipt Annex Number HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC)													PAGE 1 OF 10 PAGES

STOCK NUMBER a.	ITEM DESCRIPTION b.	*	SEC	UI	QTY AUTH	g. QUANTITY					
						A	B	C	D	E	F
	BII - CONTINUED										
1005-00-722-5087	Brush, Cleaning, Small Arms (19205) 7225087 (For cleaning smoke grenade launcher)	X		EA	1						
5340-01-113-0879	Cap-Plug, Protective, Dust and Moisture Seal (81349) M5501/7-F11 (For armor alignment pin threads protection)	N		EA	6						
7520-00-559-9618	Case, Maintenance and Operational Manuals (81349) MIL-C-11743	N		EA	1						
4010-01-185-0406	Chain Assembly, Single Leg (97403) 13211E9331 (For folding and unfolding the dozer/ripper blade and palletized cargo handling)	N		EA	1						
5120-00-224-1390	Crowbar, 62 in. maximum, Type II, Class 1, Size 4 (80064) 1833244	D		EA	1						
	DA Forms 2408, 2408-9, 2408-20, 2409	X		EA	A/R						
5120-00-227-8074	Extension, Socket Wrench, 10 in. (19207) 11655788-1 (For final drive caps removal)	N		EA	1						
4210-01-388-7854	Extinguisher, Fire, CO <sub>2</sub> , 2-1/2 lb (19207) 12295774	N		EA	1						
6545-00-922-1200	First Aid Kit, General Purpose (19207) 11677011	N		EA	1						
7510-01-065-0166	Folder (81349) MIL-F-43986	N		EA	1						
5120-00-061-8543	Hammer, Hand, 16 oz Round or Octagonal Cross Section (19207) 11677028	D		EA	1						
5120-00-265-7462	Hammer, Hand Sledge, Double-Faced, 6 lbs, Type X, Class 1 (88728) 84H	D		EA	1						

HAND RECEIPT/ANNEX NUMBER For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG		FROM	TO	HAND RECEIPT NUMBER								
FOR ANNEX ONLY	END ITEM STOCK NUMBER	END ITEM DESCRIPTION	PUBLICATION NUMBER			PUBLICATION DATE	QUANTITY					
STOCK NUMBER a.		ITEM DESCRIPTION b.	* c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
							A	B	C	D	E	F
		BII - CONTINUED										
5120-00-288-6574	Handle, Mattock-Pick, Hickory, Type V, Class I, Grade B, 36 in. Long (19207) 11677021	D			EA	1						
5120-00-236-7590	Handle, Socket Wrench, Hinged, 1/2 in. Square Drive, Type III, Class 1, 18 in. Long (10927) 11655786-1	D			EA	1						
5120-00-221-7959	Handle, Socket Wrench, Hinged, 3/4 in. Square Drive, Type III, Class 1, 20-1/2 in. Long (45225) H377	D			EA	1						
5120-00-230-6385	Handle, Socket Wrench, Reversible Ratchet, 1/2 in. Drive, 9-1/2 in. Long (18876) 8528574	D			EA	1						
5120-00-198-5390	Hand Receipt Manual TM 5-2350-262-10-HR Key, Socket-Head Screw, 4-1/2 in. Long, 3/8 in. Hex (80064) 1940722 (For dozer latches removal and installation)	X			EA	1						
6240-00-155-8725	Lamp, Incandescent (08806) 1204 (Extension light spare lamp)	X			EA	1						
* WHEN USED AS A HAND RECEIPT, enter Hand Receipt Annex Number HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC)												

STOCK NUMBER a.	ITEM DESCRIPTION b.	* c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
						A	B	C	D	E	F
	BII - CONTINUED										
6230-00-558-5880	Light, Extension, 180 in. Wiring, 3.906 in. Long, 2.094 in. Diameter, 1 Bayonet Plug, Double-Contact Terminal, Open-End Guard with Hook (13445) DL16C	N		EA	1						
4930-00-253-2478	Lubricating, Gun, Hand-Lever Operated (81349) M3859/1-14	D		EA	1						
5120-00-243-2395	Mattock, 5 Pound, Type II, Class 5, w/o Handle (19207) 11677022	D		EA	1						
	Operator's Manual TM 5-2350-262-10	X		EA	1						
5340-00-912-4086	Padlock set (set of five, 2 locks required) (96906) MS21313-160 (For ejector stowage box)	N		EA	2						
5315-01-186-7991	Pin, Straight, Knurled, Alignment, Armor (19207) 12332340	N		EA	6						
5120-00-223-7396	Pliers, Slip Joint (80244) GGG-P-471 TY2CL2STA	D		EA	1						
5120-00-293-3509	Punch, Center, Solid (80244) GGG-P-831 TY2CLA	D		EA	1						
5210-00-182-9656	Rule, Steel, Machinist's, 1/64 in. to 1/32 in. Graduated Edges, 6 in. Long, 7/32 in. Wide, 3/64 in. Thick (08871) 7305-006 (To measure track adjustment)	D		EA	1						
5120-00-234-8912	Screwdriver, Cross Tip, 6 in. (55719) SSDP630	D		EA	1						
5120-00-278-1283	Screwdriver, Flat Tip, 5/16 in. x 6 in. (19207) 41S1104	D		EA	1						
5120-00-293-3336	Shovel, Hand, Type IV, Class A, Style 1, Size 2 (19207) 11655784	D		EA	1						
5120-00-242-3349	Socket, Socket Wrench, 1/2 in. Drive, 12 Pt, 3/4 in. Opening (65814) SD-1224 (For armor removal and installation)	D		EA	1						



HAND RECEIPT/ANNEX NUMBER For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG		FROM	TO				HAND RECEIPT NUMBER					
FOR ANNEX/CR ONLY	END ITEM STOCK NUMBER	END ITEM DESCRIPTION	PUBLICATION NUMBER			PUBLICATION DATE	QUANTITY					
STOCK NUMBER a.		ITEM DESCRIPTION b.	* c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
							A	B	C	D	E	F
BII – CONTINUED												
5120-00-189-7932		Socket, Socket Wrench, 1/2 in. Drive, 9/16 in. Opening	D		EA	1						
		(05506) ST-1218 (For apron lockpin screw)										
5120-00-189-7946		Socket, Socket Wrench, 1/2 in. Drive, 5/8 in. Opening (05506)	D		EA	1						
		ST-1220 (For final drive caps removal)										
5120-00-239-0021		Socket, Socket Wrench, 12Pt, Reg L, 3/4 in. Drive, 1-1/8 in.	D		EA	1						
		Opening, Thin Wall, Type II, Class 2, Style A (80244)										
		GGG-W-641TY2CL2STA (For armor removal and installation,										
		track pad nut removal, and tightening nuts on dozer and										
		scraper cutting edges)										
5365-01-186-8009		Spacer, Plate (97403) 13211E8658 (Use to hold final drive	N		EA	2						
		components apart when disconnected)										
9905-00-534-8376		Warning Device Kit (80372) 8K388	N		EA	1						
5210-00-264-3793		Wrench, Adjustable, 3-5/8 in. Jaw Opening, 14-1/2 in.	D		EA	1						
		Long (24617) 2117080 (To remove hydraulic tank fill plug)										
<p>* WHEN USED AS A  HAND RECEIPT, enter Hand Receipt Annex Number  HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes  HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC)</p>												

STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	* <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	QUANTITY <i>g.</i>					
						A	B	C	D	E	F
BII - CONTINUED											
5120-00-449-8083	Wrench, Adjustable, Single-Head Type, 1-1/8 in. Jaw Opening, 10 in. Long (15073) 5385A14	D		EA	1						
5120-00-423-6728	Wrench, Adjustable, Single-Head Type, 1.698 in. Jaw Opening, 15 in. Long (19207) 6187328	D		EA	1						
5120-00-228-9509	Wrench, Box and Open-End Combination, .69, 11/16 in. (07971) 1165 (For tightening hydraulic fittings)	D		EA	1						
5120-00-228-9510	Wrench, Box and Open-End Combination, .75, 3/4 in. (05506) 1166 (For tightening hydraulic fittings)	D		EA	2						
5120-00-228-9512	Wrench, Box and Open-End Combination, .88, 7/8 in. (05506) 1167 (For tightening hydraulic fittings)	D		EA	1						
5120-00-228-9513	Wrench, Box and Open-End Combination, .94, 15/16 in. (65814) 1168 (For tightening hydraulic fittings)	D		EA	1						
5120-00-228-9514	Wrench, Box and Open-End Combination, 1.00, 1 in. (65814) 1170 (For tightening hydraulic fittings)	D		EA	1						
5120-00-228-9517	Wrench, Box and Open-End Combination, 1.25, 1-1/4 in. Type III (05506) 1173 (For tightening hydraulic fittings)	D		EA	1						
5120-01-229-9134	Wrench, Spanner (19207) 12355454 (To disconnect final drives)	D		EA	1						

HAND RECEIPT/ANNEX NUMBER For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG		FROM	TO	HAND RECEIPT NUMBER								
FOR ANNEX/CR ONLY	END ITEM STOCK NUMBER	END ITEM DESCRIPTION	PUBLICATION NUMBER			PUBLICATION DATE	QUANTITY					
STOCK NUMBER a.	ITEM DESCRIPTION b.		* c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
							A	B	C	D	E	F
ADDITIONAL AUTHORIZATION LIST (AAL)												
5985-00-985-9024	Antenna, AS-1729/VRC (80063) SM-D-542001		N		EA	1						
1040-01-095-0092	Arming Firing Unit (81361) E13-12-111		N		EA	1						
8465-01-117-8699	Bag, Duffel (81349) MIL-B-829		N		EA	1						
2540-01-096-4559	Box, Accessories Stowage (81361) D13-12-40		N		EA	1						
1080-00-103-1246	Camouflage Screening System (97403) 13226E1359		N		EA	2						
7240-00-242-6153	Can, Water, Military, 5 Gallon (19207) 11655980		N		EA	1						
5340-01-095-0297	Cap-Plug, Protective, Dust and Moisture Seal (81361)		N		EA	8						
	C13-12-65											
1240-00-137-7768	Case, Optical Instrument, Night Vision Goggles		N		EA	1						
	(80063) SM-D-657440											
4230-01-133-4124	Decontaminating Apparatus, M13 (81361) E5-51-527		N		EA	1						
6665-01-016-8399	Detector Kit, Chemical Agent, M256 (81361) C5-77-2001		X		EA	1						
1040-01-095-0091	Discharger, Smoke (81361) E13-12-90		N		EA	2						
6230-00-161-6422	Flashlight (80064) 1833245		N		EA	1						
8340-01-021-5978	Footwear Covers, Chemical Protective (81349) MIL-F-43987		N		EA	1						
<p>* WHEN USED AS A  HAND RECEIPT, enter Hand Receipt Annex Number  HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes  HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC)</p>												

STOCK NUMBER a.	ITEM DESCRIPTION b.	* c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
						A	B	C	D	E	F
	AAL - CONTINUED										
8415-01-033-3519	Glove Set, Chemical Protective, Large (81349) MIL-G-43976	N		EA	1						
OR											
8415-01-033-3518	Glove Set, Chemical Protective, Medium (81349) MIL-G-43976	N		EA	1						
OR											
8415-01-033-3517	Glove Set, Chemical Protective, Small (81349) MIL-G-43976	N		EA	1						
8415-00-268-7859	Gloves, Welder's (58536) A-A-50022	N		EA	1						
5855-00-150-1820	Goggles, Image Intensifier, Night Vision (80058) AN/PVS-5	N		EA	1						
OR											
5855-00-228-0937	Goggles, Image Intensifier, Night Vision (80058) AN/PVS-7B	N		EA	1						
1330-01-124-5031	Grenade, Launcher, Smoke, L8A3 (81361) B13-19-133	X		EA	8						
8470-01-130-3795	Helmet, CVC, Large (81349) MIL-H-44117	N		EA	1						
OR											
8470-01-130-3794	Helmet, CVC, Medium (81349) MIL-H-44117	N		EA	1						
OR											
8470-01-130-8180	Helmet, CVC, Small (81349) MIL-H-44117	N		EA	1						
4240-00-860-8987	Hood, Chemical-Biological Mask, M5 (81349) MIL-H-51143	N		EA	1						
2590-01-224-9241	Jack, Roadwheel (19207) 12355582	N		EA	2						
4230-00-123-3180	Kit, Skin Decontamination, M258 (81361) D5-77-2150	X		EA	1						
1005-01-107-7501	Launcher, Grenade (81361) B13-12-150	X		EA	1						

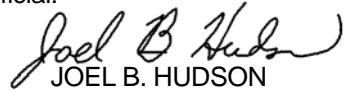
HAND RECEIPT/ <del>ANNEX NUMBER</del> For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG		FROM	TO				HAND RECEIPT NUMBER					
FOR ANNEX/CR ONLY	END ITEM STOCK NUMBER	END ITEM DESCRIPTION	PUBLICATION NUMBER			PUBLICATION DATE	QUANTITY					
STOCK NUMBER a.		ITEM DESCRIPTION b.	* c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
							A	B	C	D	E	F
AAL - CONTINUED												
4240-00-994-8752		Mask, Chemical-Biological, Large (81361) 5-1-325-30	N		EA	1						
OR												
4240-00-994-8750		Mask, Chemical-Biological, Medium (81361) 5-1-325-20	N		EA	1						
OR												
4240-00-994-8751		Mask, Chemical-Biological, Small (81361) 5-1-325-10	N		EA	1						
5340-00-158-3807		Padlock (96906) MS35647-9	N		EA	3						
6665-01-049-8982		Paper, Chemical Agent Detector (81361) D5-67-271	X		EA	1						
5315-01-156-6208		Pin, Straight, Headed (97403) 13211E9226	N		EA	2						
1005-00-726-5655		Pistol, M1911A1, .45 Cal. (19200) 7265655	N		EA	1						
5810-01-026-9621		Power Supply, Veh HYP 57KSEC (98230) ON241780	N		EA	1						
5820-01-151-9916		Radio Set (SINCGARS) AN/VRC-87 (80063) A3080234-1	N		EA	1						
OR												
5820-00-223-7475		Radio Set AN/VRC-64 (80063) PPL4324	N		EA	1						
5810-00-434-3644		Speech Equipment (98230) ON241700	N		EA	1						
2590-01-228-5802		Stand, Vehicle Support (19207) 12355345	N		EA	4						

\* WHEN USED AS A  
 HAND RECEIPT, enter Hand Receipt Annex Number  
 HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes  
 HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC)

STOCK NUMBER a.	ITEM DESCRIPTION b.	★ c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
						A	B	C	D	E	F
	AAL - CONTINUED										
8415-00-407-1062	Suit, Chemical Protective, Large (81349) MIL-S-43926B	N		EA	1						
OR											
8415-00-177-5008	Suit, Chemical Protective, Medium (81349) MIL-S-43926B	N		EA	1						
OR											
8415-00-177-5007	Suit, Chemical Protective, Small (81349) MIL-S-43926B	N		EA	1						
1080-00-108-1173	Support, Camouflage Screening System (12193) 170177	N		EA	2						
8415-01-217-5634	Vest, Microclimatic (81337) 2-11-1	N		EA	1						

By Order of the Secretary of the Army:

Official:



JOEL B. HUDSON

*Administrative Assistant to the  
Secretary of the Army*

0001301

ERIC K. SHINSEKI  
*General, United States Army  
Chief of Staff*

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THEN... JOT DOWN THE DOPE ABOUT IT ON THIS FORM. CAREFULLY TEAR IT OUT. FOLD IT AND DROP IT IN THE MAIL!

# SOMETHING WRONG

WITH THIS PUBLICATION?

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)  
 1083 Rd. ENG. BN  
 APO, NY 12345-6789

DATE SENT  
 26 SEPTEMBER 1994

PUBLICATION NUMBER  
 TM 5-2350-262-10-HR

PUBLICATION DATE  
 27 MAR 2000

PUBLICATION TITLE  
 HAND RECEIPT-M9 ACE

BE EXACT. . . PIN-POINT WHERE IT IS

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.
----------	------------	------------	-----------

2 OF 12

BAG, TOOL, SATCHEL HAS INVALID P/N PER AMDF.

**SAMPLE**

RECOMMEND CHANGE BE MADE.  
 MARK-UP SHEET IS ATTACHED.

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*SFC LaRosa*

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TEAR ALONG PERFORATED LINE

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U.S. Army Tank-automotive and Armaments Command  
ATTN: AMSTA-AC-NML  
Rock Island, IL 61299-7630**



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## THE METRIC SYSTEM AND EQUIVALENTS

### LINEAR MEASURE

1 Centimeter = 10 Millimeters = 0.01 Meters = 0.3937 Inches  
 1 Meter = 100 Centimeters = 1,000 Millimeters = 39.37 Inches  
 1 Kilometer = 1,000 Meters = 0.621 Miles

### WEIGHTS

1 Gram = 0.001 Kilograms = 1,000 Milligrams = 0.035 Ounces  
 1 Kilogram = 1,000 Grams = 2.2 Lb  
 1 Metric Ton = 1,000 Kilograms = 1 Megagram = 1.1 Short Tons

### LIQUID MEASURE

1 Milliliter = 0.001 Liters = 0.0338 Fluid Ounces  
 1 Liter = 1,000 Milliliters = 33.82 Fluid Ounces

### SQUARE MEASURE

1 Sq Centimeter = 100 Sq Millimeters = 0.155 Sq Inches  
 1 Sq Meter = 10,000 Sq Centimeters = 10.76 Sq Feet  
 1 Sq Kilometer = 1,000,000 Sq Meters = 0.386 Sq Miles

### CUBIC MEASURE

1 Cu Centimeter = 1,000 Cu Millimeters = 0.06 Cu Inches  
 1 Cu Meter = 1,000,000 Cu Centimeters = 35.31 Cu Feet

### TEMPERATURE

$5/9 (^{\circ}\text{F} - 32) = ^{\circ}\text{C}$   
 212° Fahrenheit is equivalent to 100° Celsius  
 90° Fahrenheit is equivalent to 32.2° Celsius  
 32° Fahrenheit is equivalent to 0° Celsius  
 $9/5 ^{\circ}\text{C} + 32 = ^{\circ}\text{F}$

### APPROXIMATE CONVERSION FACTORS

TO CHANGE	TO	MULTIPLY BY
Inches .....	Centimeters .....	2.540
Feet .....	Meters .....	0.305
Yards .....	Meters .....	0.914
Miles .....	Kilometers .....	1.609
Square Inches .....	Square Centimeters .....	6.451
Square Feet .....	Square Meters .....	0.093
Square Yards .....	Square Meters .....	0.836
Square Miles .....	Square Kilometers .....	2.590
Acres .....	Square Hectometers .....	0.405
Cubic Feet .....	Cubic Meters .....	0.028
Cubic Yards .....	Cubic Meters .....	0.765
Fluid Ounces .....	Milliliters .....	29.573
Pints .....	Liters .....	0.473
Quarts .....	Liters .....	0.946
Gallons .....	Liters .....	3.785
Ounces .....	Grams .....	28.349
Pounds .....	Kilograms .....	0.454
Short Tons .....	Metric Tons .....	0.907
Pound-Feet .....	Newton•Meters .....	1.356
Pounds Per Square Inch .....	Kilopascals .....	6.895
Miles Per Gallon .....	Kilometers Per Liter .....	0.425
Miles Per Hour .....	Kilometers Per Hour .....	1.609
TO CHANGE	TO	MULTIPLY BY
Centimeters .....	Inches .....	0.394
Meters .....	Feet .....	3.280
Meters .....	Yards .....	1.094
Kilometers .....	Miles .....	0.621
Square Centimeters .....	Square Inches .....	0.155
Square Meters .....	Square Feet .....	10.764
Square Meters .....	Square Yards .....	1.196
Square Kilometers .....	Square Miles .....	0.386
Square Hectometers .....	Acres .....	2.471
Cubic Meters .....	Cubic Feet .....	35.315
Cubic Meters .....	Cubic Yards .....	1.308
Milliliters .....	Fluid Ounces .....	0.034
Liters .....	Pints .....	2.113
Liters .....	Quarts .....	1.057
Liters .....	Gallons .....	0.264
Grams .....	Ounces .....	0.035
Kilograms .....	Pounds .....	2.205
Metric Tons .....	Short Tons .....	1.102
Newton•Meters .....	Pound-Feet .....	0.738
Kilopascals .....	Pounds Per Square Inch .....	0.145
Kilometers Per Liter .....	Miles Per Gallon .....	2.354
Kilometers Per Hour .....	Miles Per Hour .....	0.621

