

Supersedes copy dated October 1993

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**HAND RECEIPT**

**COVERING CONTENTS OF COMPONENTS OF END ITEM (COEI)  
BASIC ISSUE ITEMS (BII)  
AND ADDITIONAL AUTHORIZATION LIST (AAL)  
FOR**

**HOWITZER, MEDIUM, SELF-PROPELLED:  
155MM, M109A6**

**(NSN 2350-01-305-0028)  
(EIC: 3FC)**

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

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**HEADQUARTERS, DEPARTMENT OF THE ARMY  
23 AUGUST 1994**

CHANGE  
NO. 2

HEADQUARTERS, DEPARTMENT OF THE ARMY  
Washington D.C., 30 April 1996

**HAND RECEIPT  
COVERING CONTENTS OF COMPONENTS OF END ITEM (COEI)  
BASIC ISSUE ITEMS (BII)  
AND ADDITIONAL AUTHORIZATION LIST (AAL)  
FOR  
HOWITZER, MEDIUM, SELF-PROPELLED  
155MM, M109A6  
(NSN 2350-01-305-0028)  
(EIC: 3FC)**

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

TM 9-2350-314-10-HR, 23 August 1994, is changed as follows:

1. Remove old pages and insert new pages as indicated below.
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**Remove Pages**

3 and 4 of 16  
9 and 10 of 16  
11 and 12 of 16  
15 and 16 of 16

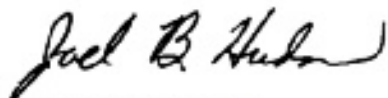
**Insert Pages**

3 and 4 of 16  
9 and 10 of 16  
11 and 12 of 16  
15 and 16 of 16

**By Order of the Secretary of the Army:**

DENNIS J. REIMER  
*General, United States Army*  
*Chief of Staff*

Official:



JOEL B. HUDSON  
*Acting Administrative Assistant to the*  
*Secretary of the Army*  
01592

**DISTRIBUTION:** To be distributed in Accordance with DA Form 12-37-E, block 1032 requirements for TM 9-2350-314-10-HR.

CHANGE  
NO. 1

HEADQUARTERS, DEPARTMENT OF THE ARMY  
Washington D.C., 18 December 1995

HAND RECEIPT

COVERING CONTENTS OF COMPONENTS OF END ITEM (COEI)  
BASIC ISSUE ITEMS (BII)  
AND ADDITIONAL AUTHORIZATION LIST (AAL)  
FOR

HOWITZER, MEDIUM, SELF-PROPELLED  
155MM, M109A6  
(NSN 2350-01-305-0028)  
(EIC: 3FC)

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

TM 9-2350-314-10-HR, 23 August 1994, is changed as follows:

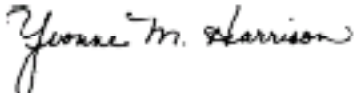
1. Remove old pages and insert new pages as indicated below.
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Remove Page  
1 and 2 of 16  
5 and 6 of 16  
11 and 12 of 16

Insert Pages  
1 and 2 of 16  
5 and 6 of 16  
11 and 12 of 16

By Order of the Secretary of the Army:

DENNIS J. REIMER  
*General, United States Army*  
*Chief of Staff*

Official: 

YVONNE M. HARRISON  
*Administrative Assistant to the*  
*Secretary of the Army*  
01226

DISTRIBUTION: To be distributed in accordance with DA Form 12-37-E, block 1932 requirements for TM 9-2350-314-10-HR.

HAND RECEIPT  
COVERING CONTENTS OF COMPONENTS OF END ITEM (COEI),  
BASIC ISSUE ITEMS (BII)  
AND ADDITIONAL AUTHORIZATION LIST (AAL)  
FOR  
HOWITZER, MEDIUM, SELF-PROPELLED: 155MM, M109A6  
(2350-01-305-0028)

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

**REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS**  
You can help improve this manual. If you find any mistakes or if you know of a way to improve procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms) direct to: Commander, U.S. Army Armament, Munitions, and Chemical Command, ATTN; AMSMC-MAS, Rock Island, IL 61299-6000. A reply will be furnished to you.

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\*This manual supersedes the following manual TM 9-2350-314-10-HR, 25 October 1993.

## 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 M109A6 Howitzer.

### 2. GENERAL.

**a.** Section II is the overprinted DA Form 2062 which lists the line item entry for system/end Item and the content of COEI, BII, and AAL extracted from TM 9-2350-314-10. The listings consist of exactly the same items and are in the same sequence as those listings in TM 92350-314-10.

**b.** The overprinted DA Form 2062 will eliminate manual preparation of the form and will assist organizations in inventoring and accounting for property as required by AR 710-2.

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

**d.** Additional copies may be requisitioned from the U.S. Army Publications Distribution Center, 2800 Eastern Boulevard, Baltimore, MD 21220-2896, in accordance with Chapter 23, AR 25-30.

**3. EXPLANATION OF BLOCKS AND COLUMNS (DA FORM 2062).** Refer to DA Pam 710-2-1, Chapter 6, for additional information required to complete DA Form 2062.

**a. FROM.** Enter the organization, unit, section or squad which Issues the property.

**b. TO.** Enter the Unit Identifier Code (UIC) and the hand receipt file number of the unit/personnel receiving the property.

**c. HAND RECEIPT NUMBER.** Enter a locally designated number. Use it to post the location of property in the property book.

**d. END ITEM STOCK NUMBER.** Contains the National Stock Number (NSN) of the end item covered by the hand receipt.

**e. END ITEM DESCRIPTION.** Contains the end item short title.

**f. PUBLICATION NUMBER.** Contains the TM number of the technical manual containing the operator/crew instructions for the equipment.

**g. PUBLICATION DATE.** Date of the operator/crew technical manual.

**h. QUANTITY.** Quantity of the end item covered by this hand receipt.

**i. STOCK NUMBER (column a).** National stock number of the item described. Items without stock numbers should be requisitioned by Commercial and Government Entity Code (CAGEC) and part, number with exception data in accordance with AR 710-2.

**j. ITEM DESCRIPTION (column b).** Enter a description of the end Item, to include the make or model, and the serial/USA number, followed by item description of COEI, 811 and AAL Items. In addition, it will contain the 5-digit Commercial and government Entity Code (CAGEC), Part Number (P/N), and "Used on Code" if applicable.

k. \* (column c). The accounting requirements code (ARC) is provided here. One of the following ARC's will apply.

**NOTE**

The Accounting Requirements Code (ARC) refers to property accountability, not the Recoverability Code (RC). The ARC and the RC are listed in the Army Master Data File (AMDF).

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

**l. SEC (column d).** The Controlled Inventory Item Code (formerly SEC code) is entered here. This is a one-position code which indicates the security classification, security risks, or pilferage controls required for storage or transportation of assets. The Controlled Inventory Item Code is listed in the AMDF. Order of precedence for assignment of codes is classified, sensitive, pilferable, unclassified, as applicable. Codes applicable to this hand receipt are as follows:

SEC CODE	CONTROLLED INVENTORY ITEM CODE
U	UNCLASSIFIED
M	PILFERABLE ITEMS
J	Handtools and shop equipment
	Pilferable item due to its size, shape and utility which does not fall under one of the above categories. Pilferage controls may be designated by the coding activity to items coded U (unclassified) by recoding the items to J.
7	Item displays sensitive information. Prior to disposal all name plates, label plates, meter faceplates, tape, stickers, documents or markings which relate items to weapon systems/end item application must be removed or destroyed.

**m. UI (column e).** Unit of Issue. Refer to AR 708-1 and/or CDA Pam 18-1 (Catalog Data Activity) for explanation of abbreviations used in this column.

**n. QTY AUTH (column f).** The quantity authorized to be on hand, or part of the end item.

**o. QUANTITY (column g).** Actual quantity on hand. Subcolumns A through F are to be filled in by the receiving unit/personnel in accordance with DA Pam 710-2-1, chapter 6.



**p. PAGE OF PAGES.** Contains page number and total number of pages for the COEI, BII, and AAL portions of the hand receipt. Hand receipt holder will initial each page no. (only when two or more forms are involved) When hand receipt holders change, the old initials will be lined out and the new hand receipt holder will initial each page.

**4. AUTHORIZATION DOCUMENTS.**

- a. Components of End Item (COEI) are authorized by the applicable Repair Parts and Special Tools List (RPSTL).
- b. Basic Issue Items (BII) are authorized by the applicable operator's manual.
- c. Additional Authorization List (AAL) items are authorized by appropriate MTOE, TDA, CTA or JTA authorization documents.

**5. SPECIAL INFORMATION.** Items coded (.) indicate information is not available.

HAND RECEIPT/ANNEX NUMBER <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/CR ONLY	END ITEM STOCK NUMBER	END ITEM DESCRIPTION	PUBLICATION NUMBER	PUBLICATION DATE	QUANTITY						
	2350-01-305-0028	HOWITZER, 155MM, M109A6	TM 9-2350-314-10	23 August 1994	1						
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
2350-01-305-0028	HOWITZER, MED, SELF-PROPELLED: 155MM, M109A6	N									
	COMPONENTS OF END ITEM (COEI)										
1025-01-202-0418	ARM, ADAPTER, MACHINE GUN MOUNT	X	U	EA	1						
	(19200) 12011777										
1005-00-704-6650	MOUNT, MACHINE GUN, CAL .50	X	J	EA	1						
	(19204) 7046650										
	PERISCOPE, AND SHROUD ASSY	X	7	EA	3						
	(19200) 12927749										
1240-00-344-4643	PERISCOPE, M27, (CHIEF OF SECTION)	X	7	EA	1						
	(19200) 7633132										
1240-00-106-7754	TELESCOPE, PANORAMIC, M117A2	X	7	EA	1						
	(19200) 11739510										
5855-01-222-6065	VIEWER, INFRARED, NIGHT DRIVING	X	7	EA	1						
	(80058) 111995-1										
<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>											

CHANGE 1

PAGE 1 OF 16 PAGES.

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
	COEI - ON - BOARD SPARES (DESIGNATED AS ON BOARD SPARES WHICH MUST ACCOMPANY THE END ITEM IN INDICATED QUANTITIES.)										
5340-01-368-9993	CLIP, RETAINING (19206) 11580634	X	U	EA	5						
1025-01-292-0960	FIRING, MECHANISM, M49 (19206) 11580122	X	U	EA	1						
1025-01-361-1349	PIN, FIRING (19206) 11580504	X	U	EA	3						
1025-01-012-8271	RING, OBTURATOR, PAD (19206) 11578862	X	U	EA	1						
5365-00-861-1468	RING, RETAINING, REAR (19206) 8767140	X	U	EA	1						
5365-00-861-1467	RING, RETAINING, FRONT (19206) 8767139	X	U	EA	1						
2350-01-346-9233	TRACK SHOE, VEHICULAR (19207) 12268550-1	X	7	EA	4						
6240-00-019-0877	LAMP, INCANDESCENT, NO. 1251 (SERVICE TAILLIGHT) (96906) MS15570-1251	X	U	EA	2						
6240-00-019-3093	LAMP, INCANDESCENT, NO. 623 (DOME LIGHTS) (96906) MS15570-623	X	U	EA	2						
6240-00-155-8714	LAMP, INCANDESCENT, NO. 313 (INSTRUMENT PANEL/ PORTABLE INSTRUMENT PANEL/ENCLOSURE ASSEMBLY) (96906) MS25231-313	X	7	EA	1						
6240-00-044-6914	LAMP, INCANDESCENT, NO. 1683 (SERVICE BRAKE LIGHT) (96906) MS35478-1683	X	U	EA	1						
6240-00-019-0878	LAMP, INCANDESCENT, NO. 323 (M3 HEATER) (81348) W-L-00111/50	X	U	EA	2						

HAND RECEIPT/ANNEX NUMBER <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/CR ONLY	END ITEM STOCK NUMBER	END ITEM DESCRIPTION		PUBLICATION NUMBER		PUBLICATION DATE		QUANTITY					
a.	STOCK NUMBER	b. ITEM DESCRIPTION		c.	SEC d.	UI e.	f. QTY AUTH	g. QUANTITY					
								A	B	C	D	E	F
		COEI - ON BOARD SPARES - CONTINUED											
	6240-00-295-2668	LAMP, INCANDESCENT, NO. 1691 (DOME LIGHTS) (96906) MS35478-1691		X	7	EA	2						
	6240-01-284-1925	LAMP, INCANDESCENT, HALOGEN (19207) 12360840-1		X	U	EA	1						
	5980-01-285-6689	LED, TI-3/4 BASED (RED) (19207) 12360905-1		X	U	EA	5						
	5980-01-289-5274	LED, TI-3/4 BASED (YELLOW) (19207) 12360905-2		X	U	EA	4						
	5980-01-281-5356	LED, TI-3/4 BASED (GREEN) (19207) 12360905-3		X	U	EA	10						
	5980-01-285-6688	LED, TI-3/4 BASED (RED) (19207) 12360890-1		X	U	EA	4						
	5980-01-201-4483	LED, BASED (GREEN) (81349) JANTXM19500/52102		X	U	EA	1						
	6240-01-290-9346	LED, BASED (19207) 12360860-2		X	U	EA	1						
	5980-01-198-7034	LED, BASED (RED) (81349) JTXM 19500/51902		X	U	EA	1						
	6220-01-284-2709	LIGHT, MARKER, ELEC 28V (19207) 12350850-1		X	U	EA	1						
	6620-01-297-3217	STOP LIGHT, VEHICULAR (19207) 12360870-2		X	U	EA	1						
		BASIC ISSUE ITEMS (BII)											
	4930-00-204-2550	ADAPTER, GREASE GUN, (19207) 5349744		X	U	EA	1						
	4933-00-087-1267	ADAPTER, GUN, OIL-FILLING (19207) 11635708		X	U	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)

Change 2 PAGE 3 OF 16 PAGES

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										
4931-01-187-9713	ALIGNMENT DEVICE, M140 WITH CASE (19200) 9360187	X	7	EA	1						
2540-00-670-2459	BAG ASSEMBLY, PAMPHLET (19207) 7961712	X	U	EA	1						
5140-00-473-6256	BAG, TOOL SACHEL (19207) 11655979	D	M	EA	1						
7510-00-889-3494	BINDER, LOOSE LEAF, (19207) 11677003	X	U	EA	1						
2540-00-906-4741	BOX ASSEMBLY, SPARE BULB (19207) 10870949	X	U	EA	1						
1025-01-196-2176	BRUSH AND BAG ASSEMBLY (27412) 155-110-401	X	U	EA	1						
4933-00-730-7183	BRUSH, CLEANING, PRIMER (19206) 7307183	X	7	PK	1						
7240-01-337-5268 (TAN)	CAN, FUEL, MIL TYPE 5 GAL (81349)	X	U	EA	2						
7240-01-337-5269 (GREEN)	MIL-C-53109										
7240-00-089-3827 (TAN)	CAN, WATER MILITARY, 5 GAL (81349)	X	U	EA	4						
7240-01-365-5317 (GREEN)	MIL-C-43613										
1025-01-232-6822	CHAMBER SWAB, 155MM (27412) 155CS	X	U	EA	1						
4933-00-601-9667	CLEANING TOOL, VENT, (19206) 6019667	X	U	EA	1						
1240-00-332-1780	COLLIMATOR, INFINITY AIMING, M1A1 (19200) 10556235	N	7	EA	1						
6150-01-386-5612	CORD ASSY, ELECTRICAL, BRANCHED (19200) 12927655	N	U	EA	2						
TBD	CORD ASSY, ELECTRICAL, BRANCHED (26512) A3206444 (AN/VIC-3(V)-6)	N	U	EA	1						
1025-01-054-5781	COVER, MUZZLE BRAKE, SEWN (19206) 11579522	X	7	EA	1						
5120-00-224-1390	CROWBAR, PINCHPOINT, 5 FT. (80064) 1833244	D	M	EA	1						
5110-00-595-8229	CUTTER, WIRE ROPE, HAND (19207) 11655981	D	M	EA	1						

HAND RECEIPT/ANNEX NUMBER <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/CR ONLY	END ITEM STOCK NUMBER	END ITEM DESCRIPTION	PUBLICATION NUMBER			PUBLICATION DATE		QUANTITY			
	2350-01-305-0028	HOWITZER, 155MM, M109A6	TM 9-2350-314-10			23 AUGUST 1994					
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										
5120-00-243-7326	EXTENSION, SOCKET WRENCH 1/2 IN. DRIVE X 5 IN. LONG (80372) 41B311200	X	M	EA	1						
4210-01-388-7854	EXTINGUISHER, FIRE, CO2 WITH BRACKET, 2.5 LB. (58536) A52471-1-S	X	J	EA	2						
1025-01-082-3586	EXTRACTOR, PROJECTILE ASSEMBLY (19200) 9305465	X	7	EA	1						
5110-00-156-0059	FILE, HAND, SMOOTH, 10 IN. LG (58536) A-A-2313	X	M	EA	1						
5120-00-605-3926	FIXTURE, TRACK CONNECTOR (WITH BAR LEVER) (19207) 8741739	D	M	EA	2						
6230-00-264-8261	FLASHLIGHT (21108) MX-991/U	X	M	EA	4						
7240-00-527-9868	FUNNEL, L QT. CAP., W/STRAINER (58536) A-A-1066	X	U	EA	1						
1290-00-764-7761	FUSE SETTER, M27, MANUAL (19200) 7647761	X	7	EA	1						
1290-00-078-4367	FUSE SETTER, M34 (19200) 11747300	X	7	EA	1						
1290-00-201-3507	FUSE SETTER, M35 (19200) 11729019	X	7	EA	1						
5120-00-061-8546	HAMMER, HAND, 2 LB. (55719) BPN32A	D	M	EA	1						
5340-01-318-0197	HANDLE, MANUAL, T-HANDLE (19200) 9399097	X	U	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 <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	* <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	g. QUANTITY					
						A	B	C	D	E	F
	BII - CONTINUED										
5120-00-236-7590	HANDLE, SOCKET WRENCH, 1/2 IN. DRIVE, 17 IN. LONG (19207) 11655786-1	D	M	EA	1						
4720-00-289-6335	HOSE ASSEMBLY, NONMETALLIC (96906) M528741-4-0160	X	U	EA	1						
5120-00-240-5300	KEY, SOCKET, HEAD, SCREW, 3/16 IN. (64959) 8223516	X	M	EA	1						
5120-00-198-5390	KEY, SOCKET, HEAD, SCREW, 3/8 IN. (80064) 1940722	X	M	EA	1						
5120-00-240-5274	KEY, SOCKET, HEAD, SCREW, 5/16 IN. (10001) 1112876	X	M	EA	1						
1095-00-600-6780	LANYARD, 6 FT. LONG (19206) 6006780	X	U	EA	1						
4020-00-610-9018	LANYARD, 50 FT. LONG (19204) 6109018	X	7	EA	1						
4930-00-766-3545	LUBRICATING, GUN, HAND (36251) 102758	X	U	EA	1						
2540-01-298-8449	MAT, FLOOR (19207) 12352892	X	U	EA	2						
5120-01-278-8257	MIRROR, INSPECTION (81348) GGG-M-350	X	M	EA	1						
8415-01-092-0039	MITTEN, HEAT PROTECTIVE (81349) MIL-M-11199F	N	U	EA	2						
5110-00-221-1499	NIPPERS, END CUTTING (81348) GGG-N-350	D	M	EA	1						

HAND RECEIPT/ANNEX NUMBER <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/CR ONLY	END ITEM STOCK NUMBER	END ITEM DESCRIPTION	PUBLICATION NUMBER				PUBLICATION DATE	QUANTITY					
	2350-01-305-0028	HOWITZER, 155MM, M109A6	TM 9-2350-314-10				23 August 1994						
STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</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												
4930-00-550-6661	OIL GUN, PNEUMATIC, FLUID DIRECT DELIVERY (19204) 5506661	X	7	EA	1								
4930-00-262-8868	OILER, HAND STEEL, PUMP (72798) 328	X	J	EA	1								
5340-00-158-3805	PADLOCK, SERIES 200 (81349) MIL-P-17802	X	J	EA	1								
7240-00-160-0455	PAIL, UTILITY, 14 QT. (58536) A-A-1273	X	U	EA	1								
8345-00-174-6865	PANEL MARKER, SIGNAL, GROUND TO AIR (81349) MIL-P-40061 AMEND 1	X	U	EA	2								
1240-00-344-4643	PERISCOPE, M27 (CHIEF OF SECTION) (19200) 7633132	X	7	EA	1								
5120-00-239-8251	PLIERS, LINESMAN, SIDE CUTTING, 8 IN. LG. (95683)41P1839 (81348) STYLE A	D	M	EA	1								
5180-01-388-7855	PULLER, CONNECTOR, TRACK (19207) 57K3156	D	J	EA	1								
4320-01-384-9477	PUMP, HAND (19200) 12927638	N	U	EA	1								
1290-00-891-9999	QUADRANT, FIRE CONTROL, M1A1 W/CASE (19200) 7197156	N	7	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 <i>a.</i>	ITEM DESCRIPTION <i>b.</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										
1030-00-730-7416	RAMMER, LOADING, M13 (19206) 7307416	X	7	EA	1						
1025-00-860-5443	RAMMER, ARTILLERY, UNLOADING (19206) 8767210	X	U	EA	1						
5110-01-026-5253	REAMER ASSEMBLY (19206) 11578743	X	7	EA	1						
4730-00-804-1907	REDUCER, TUBE (USED WITH M3 OIL GUN) (96906)	X	U	EA	1						
	MS24399-4										
5120-00-596-8502	SCREWDRIVER, FLAT TIP, 1/4 IN. TIP, L-1/2 IN. LONG	X	M	EA	1						
	(63653) 45-11456TW										
5120-00-236-2140	SCREWDRIVER, FLAT TIP, 1/8 IN. TIP, 2 IN. LONG	X	U	EA	1						
	(32242) 49-11630										
4030-01-187-0964	SHACKLE, SAFETY ANCHOR (19207) 12328579	X	U	EA	1						
5120-00-237-0984	SOCKET, SOCKET WRENCH (1/2 IN. DRIVE X 1 IN.)	X	M	EA	1						
	(58536) A-A-1399										
5120-00-198-7927	SOCKET, SOCKET WRENCH (1/2 IN. DRIVE X 1/2 IN.)	X	M	EA	1						
	(19207) 11677025-7										
5120-00-189-7932	SOCKET, SOCKET WRENCH (1/2 IN. DRIVE X 9/16 IN.)	X	M	EA	1						
	(19207) 11677025-1										
7240-00-177-6154	SPOUT, CAN FLEXIBLE W/FILTER SCREEN (19207)	X	U	EA	1						
	11677020										
1030-00-859-4511	STAFF SECTION, CLEANING (19206) 8765688	X	7	EA	1						

HAND RECEIPT/ANNEX NUMBER <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/CR ONLY	END ITEM STOCK NUMBER 2350-01-305-0028	END ITEM DESCRIPTION HOWITZER, 155MM, M109A6	PUBLICATION NUMBER TM 9-2350-314-10			PUBLICATION DATE 23 AUG 95		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>	QUANTITY <i>g.</i>					
									A	B	C	D	E	F
		BII - CONTINUED												
1025-01-044-2587	STAFF SECTION, CLEANING, 24 IN. LONG (19206) 11579227			X	7	EA	1							
1025-00-563-7232	STAFF SECTION, CLEANING ARTILLERY M15A1 (19206) 7309228			X	U	EA	7							
2540-00-653-7589	TARPAULIN, W/ROPES (19207) 6537589			X	U	EA	1							
		TECHNICAL MANUAL, OPERATOR'S (TM 9-2350-314-10)					EA	1						
6685-00-344-4603	THERMOMETER, SELF-INDICATING BIMETALLIC CONCENTRIC DIAL (-80 F TO 160 F) (81349) MILT3618C			X	U	EA	1							
5120-01-352-5676	TOOL, CANISTER RETAINING (19200) 12910438			D	M	EA	1							
5340-00-860-5446	WEBBING, STRAP (PRIMER M8) (19206) 8767215			X	7	EA	1							
4010-01-041-9752	WIRE ROPE ASSEMBLY, TOWING CABLE, 1 1/8 IN. X 15 FT. LG. (19207) 7360553-1			X	U	EA	1							
5120-00-264-3796	WRENCH, ADJUSTABLE, 12 IN. LG. (19207) 11655778-5			D	M	EA	1							
5120-00-240-5328	WRENCH, ADJUSTABLE, 8 IN. LG. (92878) 1500559			D	M	EA	1							
4933-00-723-1161	WRENCH, FUZE SETTER, M18 (19206) 7231161			X	7	EA	1							
5120-00-293-0206	WRENCH, SPANNER (812348) GGG-W-665			D	M	EA	1							
5120-00-446-3750	WRENCH, SPANNER OBTURATOR NUT (19206) 8769014			D	7	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).														
												Change 2		
												PAGE 9 OF 16 PAGES		

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
	ADDITIONAL AUTHORIZATION LIST (AAL)										
4930-00-288-1511	ADAPTER, GREASE GUN (81349) MIL-L-4387	X	U	EA	1						
5120-00-227-8088	ADAPTER, SOCKET WRENCH (58536) A-A-2172	D	M	EA	1						
5110-00-293-2336	AXE, SINGLE BIT: 4-3/4 IN. BLADE (19207) 6150925	D	M	EA	1						
5120-00-526-6044	BAR, PINCH: 1/2 IN. X 11-7/8 IN. LG. (19204) 5266044	X	M	EA	1						
6135-01-090-5365	BATTERY (NVD) (80058) BA-5567/U	X	U	EA	1						
5140-00-261-4994	CARRIER, TOOL, M1938 (19207) 11655787	X	M	EA	1						
5110-00-236-3272	CHISEL, COLD HAND: 3/4 IN. X 8 IN. LG. (81348) GGG-C-313	X	M	EA	1						
1290-00-653-7993	COVER, AIMING POST (19200) 6537993	X	U	EA	1						
1025-00-557-6513	COVER, BRUSH (19206) 5576513	X	U	EA	1						
4230-01-133-4124	DECONTAMINATING APPARATUS - M13 (81361) E5-51-527	N	U	EA	1						
5120-00-227-8074	EXTENSION, SOCKET WRENCH: 1/2 IN. DR X 10 IN. LG. (19207) 11655788-1	X	M	EA	1						
5995-01-393-0216	CABLE ASSEMBLY, SPECIAL PURPOSE, ELECTRICAL BRANCH (80063) A3206193-30 AN/VIC-3(V)-6	N	U	EA	1						
5995-01-393-7694	CABLE ASSEMBLY, SPECIAL PURPOSE, ELECTRICAL BRANCH (80063) A3206193-6 AN/VIC-3(V)-6	N	U	EA	1						

<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/CR ONLY	END ITEM STOCK NUMBER 2350-01-305-0028	END ITEM DESCRIPTION HOWITZER, 155MM, M109A6	PUBLICATION NUMBER TM 9-2350-314-10			PUBLICATION DATE 23 AUG 94			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>	g. QUANTITY					
						A	B	C	D	E	F
	AAL - CONTINUED										
5120-00-227-8079	EXTENSION, SOCKET WRENCH: 3/4 IN. DR X 16 IN. LG (55719) L122	D	M	EA	1						
5120-00-273-9208	EXTENSION, SOCKET WRENCH: 3/4 IN. DR X 3 IN. LG (55719) L32	D	M	EA	1						
5110-00-241-9160	FILE, HAND: THREE SQUARE, SMOOTH, 6 IN. LG. (81348) GGG-F-325	X	M	EA	1						
6545-00-922-1200	FIRST AID KIT, GENERAL (19207) 11677011	X	7	EA	1						
5120-00-900-6097	HAMMER, DOUBLE FACE WITH HANDLE, 10 LB. (81348) GGG-H-86	D	M	EA	1						
5120-00-288-6574	HANDLE, MATTOCK - PICK (19207) 11677021	D	M	EA	2						
5120-00-099-8544	HANDLE, SOCKET WRENCH, T-HANDLE, 3/4 IN. DR X 12 IN. LG (50024) 2479141	D	M	EA	1						
5120-00-249-1071	HANDLE, SOCKET WRENCH, 1/2 IN. DR NUTSPEEDER (81348) A-A-2166	D	M	EA	1						
5120-00-230-6385	HANDLE, SOCKET WRENCH: RATCHET, 1/2 IN. DR X 9-1/2 IN. LG. (80064) 14U1502	D	M	EA	1						
<p>* WHEN USED AS A:</p> <p>HAND RECEIPT, enter Hand Receipt Annex Number</p> <p>HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes</p> <p>HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC).</p> <p style="text-align: right;">Change 2</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
	AAL - CONTINUED										
5120-00-241-3142	HANDLE, SOCKET WRENCH: 1/2 IN. DR X 7 IN. LG (55719) 510	D	M	EA	1						
5110-00-222-0457	HATCHET CLAW, 4-CUT (81348) GGG-H-131	D	M	EA	1						
	HOSE ASSEMBLY (19200) 12940905	X	U	EA	1						
5120-00-224-2510	KEY, SOCKET HEAD SCREW: 5/8 IN. HEX (81348) GGG-K-275	X	M	EA	1						
5120-00-224-4659	KEY, SOCKET HEAD SCREW: 1/4 IN. HEX (80064) 1940720	X	M	EA	1						
5120-00-240-5292	KEY, SOCKET HEAD SCREW: 1/8 IN. HEX (56232) 0181-8	X	M	EA	1						
5120-00-242-7410	KEY, SOCKET HEAD SCREW: 3/32 IN. HEX (92674) BA27077-4	X	M	EA	1						
9905-00-534-8376	KIT, WARNING DEVICE, HIGHWAY (58536) A-A-2128	X	U	EA	1						
1290-01-148-4821	LIGHT, AIMING POST M14 (19200) 11785401	X	M	EA	2						
5965-01-382-3222	LOUDSPEAKER, PERMANENT MAGNET (80063) A3206080 PART OF AN/VIC-3(V)-6	N	U	EA	1						
5120-00-243-2395	MATTOCK, HEAD (19207) 11677022	D	M	EA	1						
5120-00-194-9458	PICK, DIGGING, HEAD (58536) A-A-338	D	M	EA	1						
5120-00-223-7397	PLIERS, SLIP JOINT (19207) 11655775-3	D	M	EA	1						
1290-00-535-7617	POST, AIMING M1A2 (19200) 7687114	X	M	EA	2						
5120-00-293-0791	PUNCH, DRIVE PIN: STRAIGHT 3/16 IN DIA (81348) GGG-P-831	X	M	EA	1						

HAND RECEIPT/ANNEX NUMBER <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/CR ONLY	END ITEM STOCK NUMBER	END ITEM DESCRIPTION	PUBLICATION NUMBER			PUBLICATION DATE	QUANTITY				
	2350-01-305-0028	HOWITZER, 155MM, M109A6	TM 9-2350-314-10			23 August 1994					
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>					
	AAI. - CONTINUED					A	B	C	D	E	F
4933-00-796-4537	ROLL ASSEMBLY, TOOLS AND EQUIPMENT (19207)	X	U	EA	1						
	7964537										
5210-00-234-5223	RULE, STEEL: MACHINIST 6 IN. (57163) C604R-6	X	M	EA	1						
5120-00-227-7338	SCREWDRIVER, FLAT-TIP: 5 IN. BLADE (77948) D339	X	M	EA	1						
5120-00-278-1283	SCREWDRIVER, FLAT-TIP: 6 IN. BLADE (19207) 41S1104	X	M	EA	1						
5120-00-236-2127	SCREWDRIVER, FLAT-TIP: 3 IN. LG. BLADE, 3.16 IN.	X	M	EA	1						
	TIP (89905) 133690-10										
5120-00-188-8450	SHOVEL, HAND: LONG HANDLED STRAP BACK RD. POINT	D	M	EA	1						
	(81348) GGG-S-326										
5120-00-293-3336	SHOVEL, HAND: RD POINT D-HANDLE (19207) 11655784	D	M	EA	1						
5120-00-189-7911	SOCKET, SOCKET WRENCH: 1/2 IN. DR, 12 IN. PT X 3/8 IN.	X	M	EA	1						
	OPNG (82799) ST-812										
5120-00-189-7913	SOCKET, SOCKET WRENCH: 1/2 IN. DR, 12 PT X 1-1/16	X	M	EA	1						
	IN. OPNG (19207) 11677025-8										
<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>	*	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	g. QUANTITY					
						A	B	C	D	E	F
	AAL - CONTINUED										
5120-00-189-7914	SOCKET, SOCKET WRENCH: 1/2 IN. DR, 12 PT X 1-1/8 IN. OPNG (19207) 11677025-10	X	M	EA	1						
5120-00-189-7924	SOCKET, SOCKET WRENCH: 1/2 IN. DR, 12 PT X 7/16 IN. OPNG (95683) 41W3005	X	M	EA	1						
5120-00-189-7930	SOCKET, SOCKET WRENCH: 3/4 IN. DR, 12 PT X 1-3/8 IN. OPNG (47805) 5544	X	M	EA	1						
5120-00-189-7931	SOCKET, SOCKET WRENCH: 3/4 IN. DR, 12 PT X 1-7/16 IN. OPNG (47805) 5546	D	M	EA	1						
5120-00-189-7934	SOCKET, SOCKET WRENCH: 1/2 IN. DR, 12 PT X 7/8 IN. OPNG (19207) 11677025-5	X	M	EA	1						
5120-00-189-7935	SOCKET, SOCKET WRENCH: 1/2 IN. DR, 12 PT X 15/16 IN. OPNG (19207) 11677025-6	X	M	EA	1						
5120-00-189-7946	SOCKET, SOCKET WRENCH: 1/2 IN. DR, 12 PT X 5/8 IN. OPNG (19207) 11677025-2	X	M	EA	1						
5130-00-221-8010	SOCKET, SOCKET WRENCH: 1/2 IN. DR, 12 PT X 3/4 IN. OPNG (80204) B107.2	X	M	EA	1						
5120-00-232-5681	SOCKET, SOCKET WRENCH: 3/4 IN. DR, 12 PT X 1-5/16 IN. OPNG (58536) A-A-1394	X	M	EA	1						
5120-00-293-0094	SOCKET, SOCKET WRENCH: 3/4 IN. DR, 12 PT X 1-1/2 IN. OPNG (47805) 5548	D	M	EA	1						

<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/CR ONLY	END ITEM STOCK NUMBER 2350-01-305-0028	END ITEM DESCRIPTION HOWITZER, 155MM, M109A6	PUBLICATION NUMBER TM 9-2350-314-10			PUBLICATION DATE 23 AUG 94			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>	QUANTITY <i>g.</i>					
								A	B	C	D	E	F
	AAL - CONTINUED												
5130-00-221-8005	SOCKET, SOCKET WRENCH: 1/2 IN. DR, 6 PT X 7/16 IN. OPNG (55719) 1P140			X	M	EA	1						
5130-00-221-8007	SOCKET, SOCKET WRENCH: 1/2 IN. DR, 6 PT X 9/16 IN. OPNG (30760) 1P180			X	M	EA	1						
5120-00-235-5871	SOCKET, SOCKET WRENCH: 3/4 IN. DR, 1-1/4 IN. OPNG (47805) 5540			X	M	EA	1						
7310-00-285-6155	STOVE, GASOLINE BURNER (W/CASE) (81349) MIL-S-10736			X	U	EA	1						
	DELETED												
6675-00-240-1881	TRIPOD, SURVEYING (81349) MIL-T-11674			N	U	EA	2						
5120-00-269-7971	UNIVERSAL JOINT, SOCKET WRENCH: 1/2 IN DR (18702) 5166189			D	M	EA	1						
8415-01-217-5634	VEST, MICROCLIMATE (81349) MIL-V-44132			N	U	EA	5						
5120-00-187-7123	WRENCH, OPEN END: ENGR 15 DEGREE ANGLE, DOUBLE HEAD 7/16 IN. X 1/2 IN. (55719) S1416			D	M	EA	1						
<p>* WHEN USED AS A:</p> <p>HAND RECEIPT, enter Hand Receipt Annex Number</p> <p>HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes</p> <p>HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC).</p> <p style="text-align: right;">Change 2</p> <p style="text-align: right;">PAGE <u>15</u> OF <u>16</u> PAGES</p>													

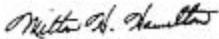


STOCK NUMBER a.	ITEM DESCRIPTION b.	* c.	SEC d.	UI e.	QTY AUTH f.	QUANTITY					
						A	B	C	D	E	F
	AAL - CONTINUED										
5120-00-187-7130	WRENCH, OPEN END: ENGR 15 DEGREE ANGLE, DOUBLE HEAD 13/16 IN. X 7/8 IN. (07971) E2628	D	M	EA	1						
5120-00-224-3102	WRENCH, OPEN END: ENGR 15 DEGREE ANGLE, DOUBLE HEAD 5/8 IN. X 3/4 IN. (65814) 729	D	M	EA	1						
5120-00-277-2307	WRENCH, OPEN END: ENGR 15 DEGREE ANGLE, DOUBLE HEAD 5/16 IN. X 3/8 IN. (55719) S1012	X	M	EA	1						
5120-00-277-7025	WRENCH, OPEN END: ENGR 15 DEGREE ANGLE, DOUBLE HEAD 15/16 IN. X 1 IN. (19207) 11655789-5	D	M	EA	1						
5120-00-293-2134	WRENCH, OPEN END: ENGR 15 DEGREE ANGLE, DOUBLE HEAD 9/16 IN. X 11/16 IN. (19207) 5323330	D	M	EA	1						
5120-00-264-3777	WRENCH, SPANNER (65814) 484	D	M	EA	1						
5120-00-277-9076	WRENCH, SPANNER: ADJUSTABLE 2 IN. TO 4-3/4 IN. (19207) 5218469	D	M	EA	1						

**Order of the Secretary of the Army:**

**GORDON R. SULLIVAN**  
*General, United States Army*  
*Chief of Staff*

Official:

  
MILON H. HAMILTON  
*Administrative Assistant to the*  
*Secretary of the Army*  
07077

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RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



# SOMETHING WRONG WITH THIS PUBLICATION?

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

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BE EXACT... PIN-POINT WHERE IT IS

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PARA-GRAPH

FIGURE NO.

TABLE NO.

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

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DA FORM 2028-2  
1 JUL 79

PREVIOUS EDITIONS ARE OBSOLETE.

P.S.—IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR RECOMMENDATION MAKE A CARBON COPY OF THIS AND GIVE IT TO YOUR HEADQUARTERS.

# THE METRIC SYSTEM AND EQUIVALENTS

## WEIGHT MEASURE

1 Centimeter = 10 Millimeters = 0.01 Meters = 0.3937 Inches  
 1 Meter = 100 Centimeters = 1000 Millimeters = 39.37 Inches  
 1 Kilometer = 1000 Meters = 0.621 Miles

## WEIGHTS

1 Gram = 0.001 Kilograms = 1000 Milligrams = 0.035 Ounces  
 1 Kilogram = 1000 Grams = 2.2 lb.  
 1 Metric Ton = 1000 Kilograms = 1 Megagram = 1.1 Short Tons

## LIQUID MEASURE

1 Milliliter = 0.001 Liters = 0.0338 Fluid Ounces  
 1 Liter = 1000 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 = 1000 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
its	Liters	0.473
arts	Liters	0.946
allons	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
ers	Gallons	0.264
ms	Ounces	0.035
ograms	Pounds	2.205
Metric Tons	Short Tons	1.102
Newton-Meters	Pounds-Feet	0.738
Kilopascals	Pounds per Square Inch	0.145
ometers per Liter	Miles per Gallon	2.354
ometers per Hour	Miles per Hour	0.621



**PIN: 071789-002**