

**\*TM 9-1090-218-10-HR**

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**HAND RECEIPT**

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

**FOR**

**ARMAMENT SUBSYSTEM: REMOTELY OPERATED, XM101;  
COMMON REMOTELY OPERATED WEAPON STATION (CROWS),  
PN 21677-0100  
NSN 1090-01-525-5049  
EIC: 4EM**

**THIS MANUAL SUPERSEDES TM 9-1090-218-10-HR DATED 30 NOVEMBER 2006.**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY**

**APRIL 2007**



**HAND RECEIPT  
FOR THE  
ARMAMENT SUBSYSTEM: REMOTELY OPERATED, XM101  
COMMON REMOTELY OPERATED WEAPON STATION (CROWS)**

**LIST OF EFFECTIVE PAGES/WORK PACKAGES**

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INSERT LATEST CHANGED PAGES/WORK PACKAGES. DESTROY SUPERSEDED DATA.

NOTE: Zero in the "Change No." column indicates an original page or work package.

Date of issue for original manual is:

Original 30 April 2007

TOTAL NUMBER OF PAGES FOR FRONT AND REAR MATTER IS 42 AND TOTAL  
NUMBER OF WORK PACKAGES IS 2, CONSISTING OF THE FOLLOWING:

<u>Page/WP No.</u>	<u>Change No.</u>
Cover	0
A/(B blank)	0
i- ii	0
Chapter 1	
WP 0001 (4 pages)	0
Chapter 2	
WP 0002 (26 pages)	0



HEADQUARTERS,  
DEPARTMENT OF THE ARMY  
WASHINGTON, D.C. 30 April 2007

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**REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS**

You can help improve this publication. 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 (Recommended Changes to Equipment Technical Publications), through the Internet, on the Army Electronic Product Support (AEPS) website. The Internet address is <https://aeeps.ria.army.mil>. The DA Form 2028 is located under the Public Applications section in the AEPS Public Home Page. Fill out the form and click on SUBMIT. Using this form on the AEPS will enable us to respond quicker to your comments and better manage the DA Form 2028 program. You may also mail, fax or E-mail your letter or DA Form 2028 direct to: TACOM Life Cycle Management Command, ATTN: AMSTA-LC-LPIT/ TECH PUBS, 1 Rock Island Arsenal, Rock Island, IL 61299-7630. The email address is ROCK-TACOM-TECH-PUBS @conus.army.mil. The fax number is DSN 793-0726 or Commercial (309) 782-0726.

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**HAND RECEIPT  
FOR THE  
ARMAMENT SUBSYSTEM: REMOTELY OPERATED, XM101  
COMMON REMOTELY OPERATED WEAPON STATION (CROWS)**

**TABLE OF CONTENTS**

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General Information .....	WP 0001
 <b>CHAPTER 2, HAND RECEIPT</b>	
DA Form 2062 .....	WP 0002

# **CHAPTER 1**

## **INTRODUCTION**



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**HAND RECEIPT  
FOR THE  
ARMAMENT SUBSYSTEM: REMOTELY OPERATED, XM101  
COMMON REMOTELY OPERATED WEAPON STATION (CROWS)**

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**GENERAL INFORMATION**

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**SCOPE**

This publication provides an overprinted DA Form 2062 (Hand Receipt) which lists the contents of Components of End Item (COEI), Basic Issue Item (BII), and Additional Authorization List (AAL) items related to Armament Subsystem: Remotely Operated, M101, Common Remotely Operated Weapon Station (CROWS).

**GENERAL**

1. WP 0002 is the overprinted DA Form 2062 which lists the content of COEI, BII, and AAL extracted from TM 9-1090-218-10. The listings consist of the same items as those listings in TM 9-1090-218-10; in the same sequence, but also includes the down assemblies in addition to the major end items.
2. The overprinted DA Form 2062 will eliminate manual preparation of the form and will assist organizations in inventorying and accounting for property as required by AR 710-2, Supply Policy Below the National Level.
3. 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 plant, or duplicating plant facilities.
4. Additional copies may be requisitioned from the U.S. Army Publications Distribution Center, 2800 Eastern Boulevard, Baltimore, MD 21220-2896, in accordance with AR 25-30, The Army Publishing Program, Chapter 7.

**EXPLANATION OF BLOCKS AND COLUMNS**

Refer to DA Pam 710-2-1, chapter 6, for additional information required to complete DA Form 2062.

1. **From.** Enter the organization, unit, section, or squad which issues the property.
2. **To.** Enter the Unit Identifier Code (UIC) and the hand receipt file number of the unit/personnel receiving the property.
3. **Hand Receipt Number.** Enter a locally designated number. Use it to post the location of property in the property book.
4. **End Item Stock Number.** Contains the National Stock Number (NSN) of the end item covered by the hand receipt.

**EXPLANATION OF BLOCKS AND COLUMNS - Cont**

- 5. End Item Description.** Contains the end item short title.
- 6. Publication Number.** Contains the TM number of the technical manual containing the operator/crew instructions for the equipment.
- 7. Publication Date.** Date of the operator/crew technical manual.
- 8. Quantity.** Quantity of the end item covered by this hand receipt.
- 9. Illustration (Column a).** Illustration of the item described with a letter designation in the upper left corner to correspond to its location per Figure 1.
- 10. Item Description (Column b).** Describes the nomenclature (and common name if different) of COEI, BII, and AAL items. In addition, it contains NSN (if available) followed by the five-digit Commercial and Government Entity Code (CAGEC) and part number (PN) of the item described. Items without stock number should be requisitioned by CAGEC and PN with exception data in accordance with AR 710-2.
- 11. (Column c).** The Accounting Requirements Code (ARC) is provided here. One of the following ARCs will apply:

**NOTE**

The 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 FSCs 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 and items not consumed in use which cost \$50.00 or less and not already "N" or "D."

- 12. 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. Order of precedence for assignment of codes is classified, sensitive, pilferable, or unclassified, as applicable. Codes applicable to this hand receipt are as follows:

SEC CODE	CONTROLLED INVENTORY ITEM CODE
U	UNCLASSIFIED PILFERABLE ITEMS.
M	Hand tools and shop equipment.
J	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.

**13. 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.

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

**15. 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.

**16. 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 number (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.

#### AUTHORIZATION DOCUMENTS

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.

#### SPECIAL INFORMATION

Items coded (.) indicate information is not available.

**GLOSSARY OF ACRONYMS**

<b>AAL</b>	additional authorization list
<b>AMDF</b>	Army Master Data File
<b>ARC</b>	accounting requirement code
<b>BII</b>	basic issue items
<b>CAGEC</b>	Commercial and Government Entity Code
<b>COEI</b>	components of end item
<b>CROWS</b>	Common Remotely Operated Weapon Station
<b>CTA</b>	common table of allowances
<b>DAPS</b>	Defense Logistics Agency, Document Automation and Production Service
<b>FSC</b>	
<b>JTA</b>	joint table of allowance
<b>MTOE</b>	modified table of organization and equipment
<b>PN</b>	part number
<b>RC</b>	Recoverability Code
<b>RPSTL</b>	repair parts special tools list
<b>TDA</b>	table(s) of distribution and allowance(s)
<b>UI</b>	Unit of Issue

**END OF WORK PACKAGE**

## **CHAPTER 2**

### **HAND RECEIPT**



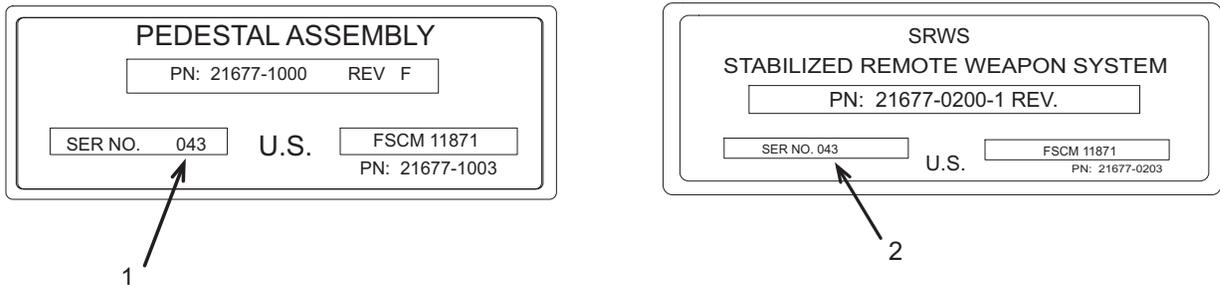
**HAND RECEIPT  
FOR THE  
ARMAMENT SUBSYSTEM: REMOTELY OPERATED, XM101  
COMMON REMOTELY OPERATED WEAPON STATION (CROWS)**

DA FORM 2062

This work package contains the DA Form 2062, Hand Receipt, for the Common Remotely Operated Weapon System (CROWS).

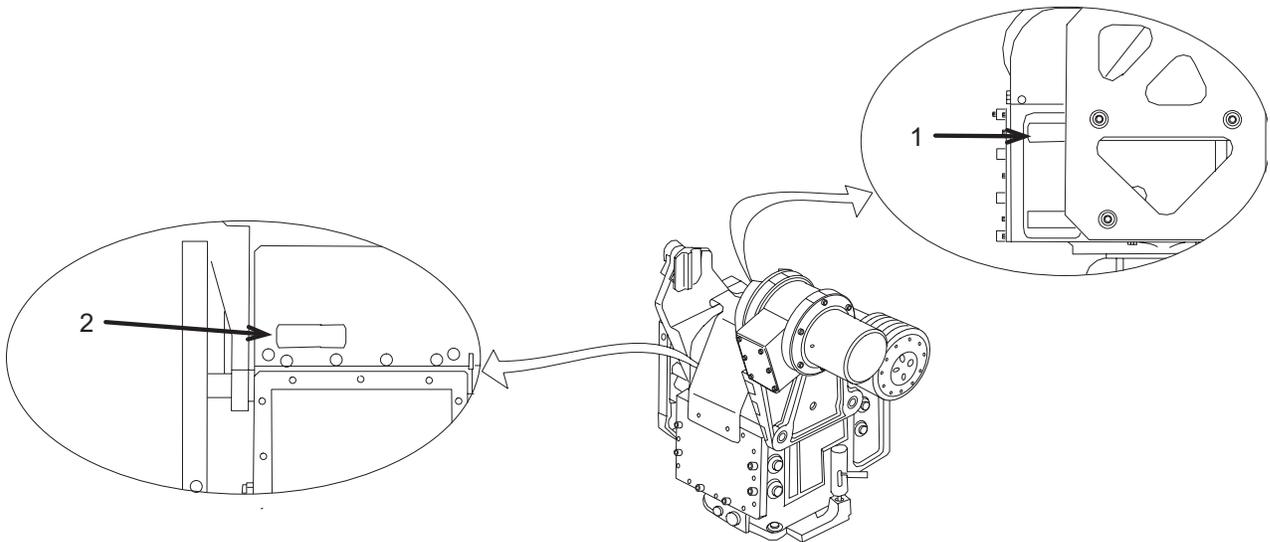
**LOCATION OF SERIAL NUMBER IDENTIFICATION LABELS**

The serial number is the number used for system accountability. There are two serial number labels on the pedestal mount. One label is for the pedestal mount itself (Figure 1, item 1); the other serial number label is for the CROWS system (Figure 1, item 2). Both serial numbers should match. If they do not match, contact your next higher level of maintenance.



**Figure 1. Labels for CROWS Serial Number Identification.**

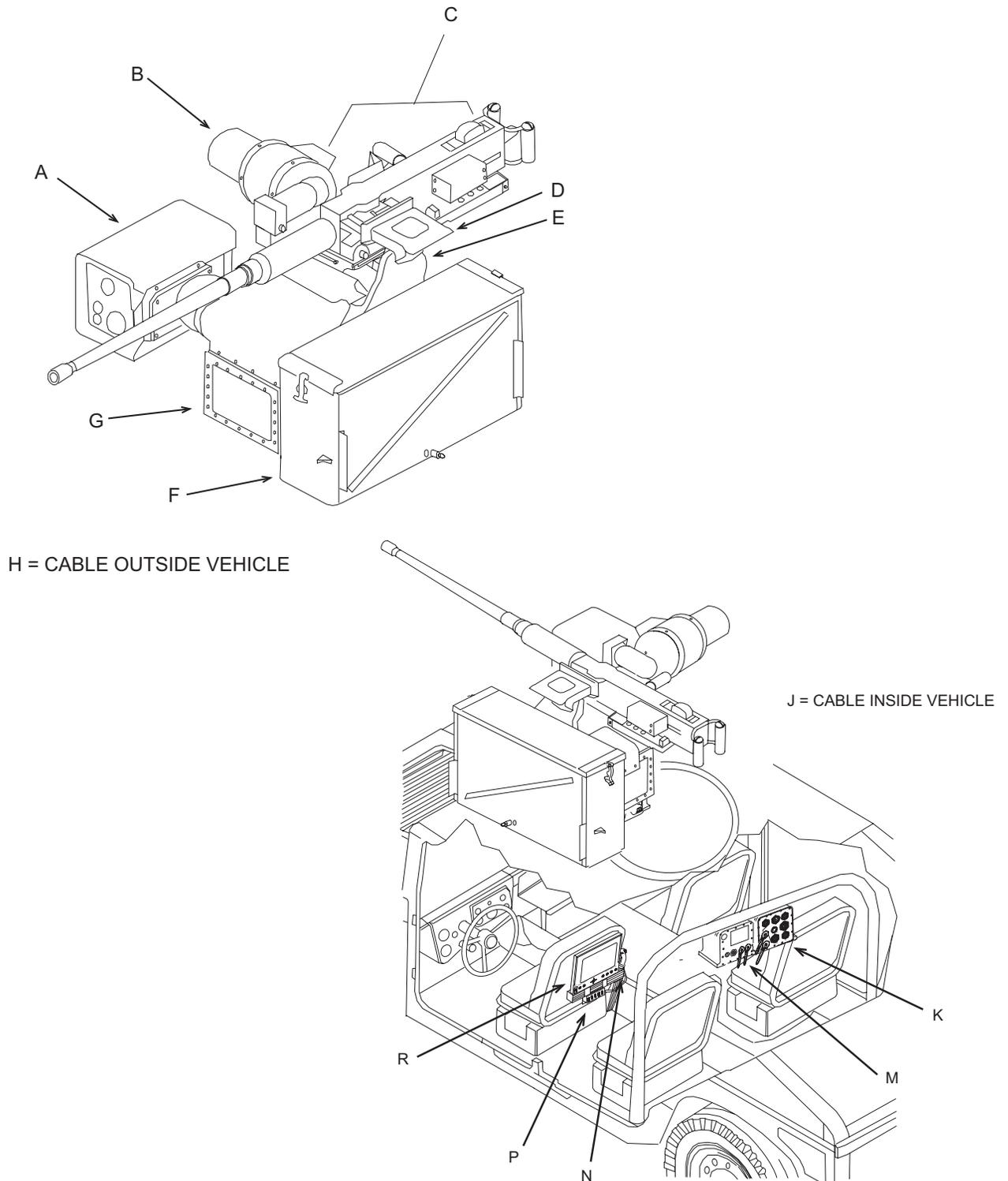
The location of the two serial number labels is shown in Figure 2.



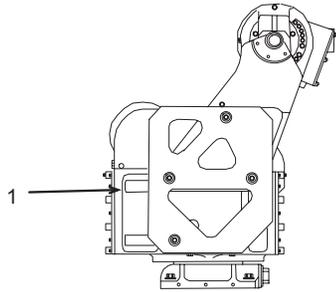
**Figure 2. Location of Serial Number Labels.**

**LOCATION OF CROWS COMPONENTS**

Use the below illustration to assist you in finding the location of the sub-assembly parts. DA Form 2062, Column a, shows an illustration of each sub-assembly part. In the upper left corner, there is a letter designating the general area of where to look for the part.

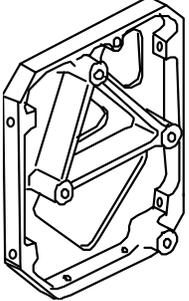
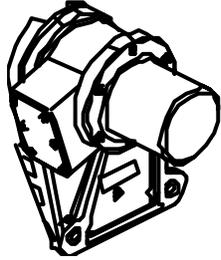
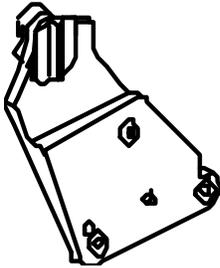


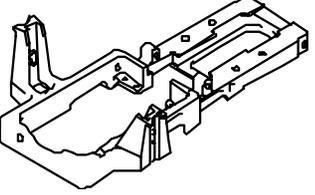
**Figure 3. Hand Receipt Locations.**

<b>HAND RECEIPT/ANNEX NUMBER</b> for use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG		FROM:			TO:			HAND RECEIPT NUMBER						
END ITEM STOCK NUMBER 1090-01-525-5049		END ITEM DESCRIPTION M101 (CROWS)		PUBLICATION NUMBER TM 9-1090-218-10		PUBLICATION DATE 1 Sep 2005		QUANTITY						
ILLUSTRATION a.	ITEM DESCRIPTION b.			c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY A B C D E F						
	<b>COMPONENTS OF END ITEM:</b>													
ITEM NOT ILLUSTRATED	<b>CROWS-COMMON REMOTELY OPERATED WEAPON STATION</b> <b>1090-01-525-5049</b> <b>(11871) 21677-0100</b> see below for breakdown													
ITEM NOT ILLUSTRATED	<b>RESILIENT WEAPON MOUNT</b> <b>5342-01-535-9166</b> <b>(11871) 21677-0200-1</b> see below for breakdown													
<b>G</b> 	PEDESTAL GUN MOUNT ASSEMBLY 1015-01-530-9639 (11871) 21677-1000  Note: Refer to location (1) for label with the pedestal gun mount serial number, which is used as the system serial number for system accountability.													

\* 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)

Armament Subsystem: Remotely Operated, M101; CROWS

ILLUSTRATION a.	ITEM DESCRIPTION b.	c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
						A	B	C	D	E	F
<b>COMPONENTS OF END ITEM (Cont):</b>											
<b>F</b> 	AMMUNITION HANGER (AMMUNITION BRACKET ADAPTER) 1005-01-531-6309 (11871) 21677-0505										
<b>B</b> 	ELEVATION YOKE ARM ASSEMBLY 1240-01-536-5651 (11871) 21677-2000										
<b>E</b> 	AMMUNITION YOKE ARM ASSEMBLY (ARM ASSEMBLY, WEAPON MOUNTING) 1090-01-533-0819 (11871) 21677-2500										

<b>HAND RECEIPT/ANNEX NUMBER</b> for use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG		FROM:			TO:			HAND RECEIPT NUMBER					
END ITEM STOCK NUMBER 1090-01-525-5049		END ITEM DESCRIPTION M101 (CROWS)		PUBLICATION NUMBER TM 9-1090-218-10		PUBLICATION DATE 1 Sep 2005		QUANTITY					
ILLUSTRATION a.	ITEM DESCRIPTION b.			c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY A B C D E F					
<b>COMPONENTS OF END ITEM (Cont):</b>													
<b>H</b> 	WEAPON ELEVATION CABLE ASSEMBLY (CABLE ASSEMBLY, POWER, ELECTRICAL) 6150-01-538-5526 (11871) 21677-3700												
<b>C</b> 	CRADLE ASSEMBLY (HEAVY) M2/Mk19 (GUN MOUNT) 1010-01-530-1933 (11871) 21677-2600												
ITEM NOT ILLUSTRATED	<b>M2 HB WEAPON ADAPTER KIT (WAK) (GUN MOUNTING ADAPTER)</b> <b>1005-01-529-3139</b> <b>(11871) 21677-3100</b> see below for breakdown												

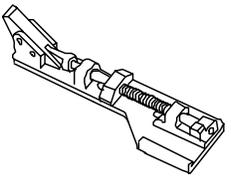
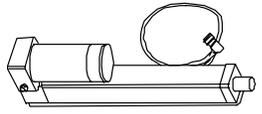
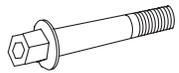
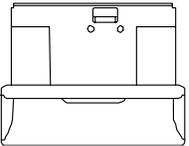
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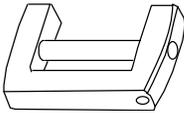
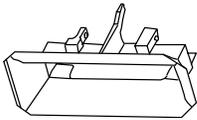
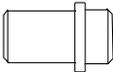
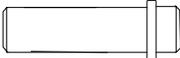
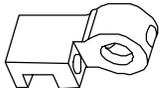
HAND RECEIPT, enter Hand Receipt Annex Number

HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes

HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC)

Armament Subsystem: Remotely Operated, M101; CROWS

ILLUSTRATION a.	ITEM DESCRIPTION b.	c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
						A	B	C	D	E	F
<b>COMPONENTS OF END ITEM (Cont):</b>											
<b>C</b> 	SEAR ASSEMBLY 1005-01-529-3143 (11871) 21677-3160										
<b>C</b> 	LINEAR ACTUATOR ASSEMBLY (11871) 21677-3170										
<b>C</b> 	END, ROD 5340-01-529-4366 (11871) 21677-3165										
<b>C</b> 	BOLT, SHOULDER SCREW 5305-01-529-1430 (11871) 21483-2609										
<b>D</b> 	AMMUNITION CARTRIDGE GUIDE 1005-01-528-9358 (11871) 21677-3134										

<b>HAND RECEIPT/ANNEX NUMBER</b> for use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG		FROM:			TO:			HAND RECEIPT NUMBER			
END ITEM STOCK NUMBER 1090-01-525-5049		END ITEM DESCRIPTION M101 (CROWS)		PUBLICATION NUMBER TM 9-1090-218-10		PUBLICATION DATE 1 Sep 2005		QUANTITY			
ILLUSTRATION a.	ITEM DESCRIPTION b.	c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
						A	B	C	D	E	F
<b>COMPONENTS OF END ITEM (Cont):</b>											
<b>C</b> 	AMMUNITION CARTRIDGE GUIDE (BLOCK GUIDE ASSEMBLY) 1005-01-528-9357 (11871) 21677-3130										
<b>C</b> 	FEEDER, AMMUNITION, MACHINE GUN (FEED THROAT ASSEMBLY, LH) 1005-01-528-9351 (11871) 21677-3145										
<b>C</b> 	PIN, SHOULDER, HEADLESS (BREECH BOLT (SHORT)) 5315-01-529-1436 (11871) 21677-3175-1										
<b>C</b> 	PIN, SHOULDER, HEADLESS (BREECH BOLT (LONG)) 5315-01-529-1433 (11871) 21677-3175-2										
<b>C</b> 	EXTENSION, RETRACTING SLIDE HANDLE (11871) 21677-3164										

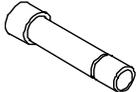
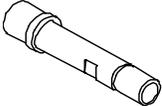
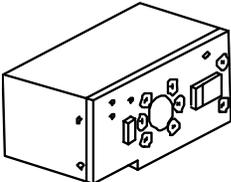
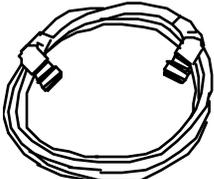
\* WHEN USED AS A

HAND RECEIPT, enter Hand Receipt Annex Number

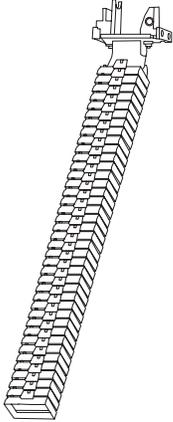
HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes

HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC)

Armament Subsystem: Remotely Operated, M101; CROWS

ILLUSTRATION a.	ITEM DESCRIPTION b.	c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
						A	B	C	D	E	F
	<b>COMPONENTS OF END ITEM (Cont):</b>										
<b>C</b> 	PIN, SHOULDER, HEADED (BOLT, RIGHT HAND SECURING) 5306-01-529-1432 (11871) 21677-3171										
<b>C</b> 	PIN, SHOULDER, HEADED (BOLT, LEFT HAND SECURING) 5306-01-529-1431 (11871) 21677-3172										
<b>C</b> 	NUT, SELF-LOCKING HEXAGON (LOCKING LONG NUT) 5310-01-528-9352 (11871) 21483-3166										
<b>C</b> 	REMOTE FIRING ASSEMBLY (RFA) 1010-01-530-1045 (11871) 21677-3150										
<b>C</b> 	CABLE ASSEMBLY, ELECTRICAL-M2 6150-01-542-4488 (11871) 21677-3702										

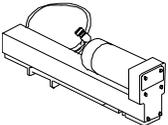
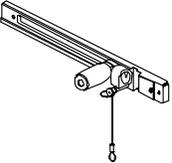
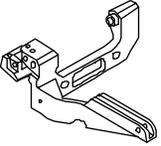
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END ITEM STOCK NUMBER 1090-01-525-5049	END ITEM DESCRIPTION M101 (CROWS)	PUBLICATION NUMBER TM 9-1090-218-10	PUBLICATION DATE 1 Sep 2005	QUANTITY

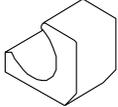
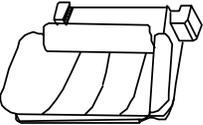
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						A	B	C	D	E	F
<b>COMPONENTS OF END ITEM (Cont):</b>											
<b>C</b> 	PIN ASSEMBLY, MOUNTING (PIN FORWARD (with LANYARD)) 1010-01-528-9355 (11871) 21677-2614										
<b>C</b> 	LINK CHUTE ADAPTER ASSEMBLY (AMMUNITION CHUTE ASSEMBLY) 1005-01-537-5438 (11871) 21677-3111										

\* 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)

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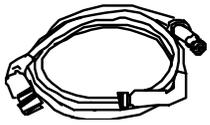
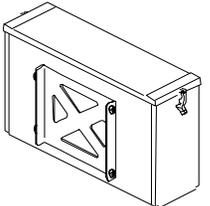
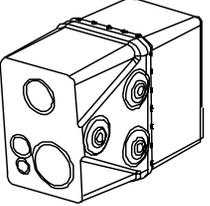
Armament Subsystem: Remotely Operated, M101; CROWS

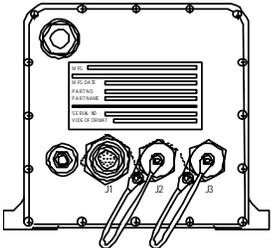
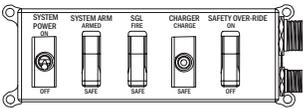
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						A	B	C	D	E	F
	<b>COMPONENTS OF END ITEM (Cont):</b>										
ITEM NOT ILLUSTRATED	<b>MK19 WEAPON ADAPTER KIT (WAK) (GUN MOUNTING ADAPTER)</b> <b>1005-01-530-9636</b> <b>(11871) 21677-3200</b> see below for breakdown										
<b>C</b> 	LINEAR ACTUATOR (11871) 21677-3205										
<b>C</b> 	ROD END ASSEMBLY 1005-01-M28-0527 (11871) 21677-3220										
<b>C</b> 	CHARGER, GUN (CHARGER, REMOTE) 1005-01-528-9359 (11871) 21677-3210										
<b>C</b> 	FRONT BRACKET ASSEMBLY 5340-01-537-1807 (11871) 21677-3215										
<b>C</b> 	SWITCH, SENSITIVE (OGIVE PLUNGER WITH ROUNDS COUNTER) 5930-01-530-9637 (11871) 21677-3225										

<b>HAND RECEIPT/ANNEX NUMBER</b> for use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG		FROM:			TO:			HAND RECEIPT NUMBER			
END ITEM STOCK NUMBER 1090-01-525-5049		END ITEM DESCRIPTION M101 (CROWS)		PUBLICATION NUMBER TM 9-1090-218-10		PUBLICATION DATE 1 Sep 2005		QUANTITY			
ILLUSTRATION a.	ITEM DESCRIPTION b.	c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
						A	B	C	D	E	F
<b>COMPONENTS OF END ITEM (Cont):</b>											
<b>C</b> 	BLOCK, EJECTOR, CARTRIDGE (BLOCK LOCKING- ROUNDS COUNTER) 1005-01-529-0632 (11871) 21677-3207										
<b>C</b> 	FEED THROAT 1005-01-529-2306 (11871) 21677-3228										
<b>C</b> 	PIN, STRAIGHT, HEADED (FEED THROAT CLEVIS PIN) 5315-01-518-3224 (71670) 92390A165										
<b>C</b> 	COTTER PIN (FEED THROAT HITCH PIN) 5315-01-538-8427 (39428) 92391A034										
<b>C</b> 	SOLENOID, ELECTRICAL, REMOTE FIRING 5945-01-133-6985 (10001) 3269501										

\* WHEN USED AS A  
 HAND RECEIPT, enter Hand Receipt Annex Number  
 HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes  
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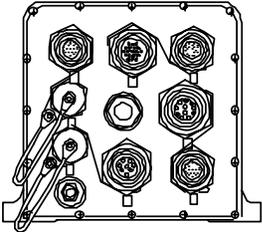
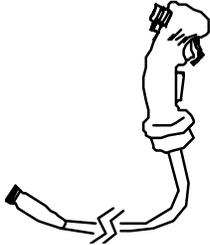
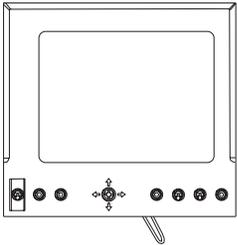
Armament Subsystem: Remotely Operated, M101; CROWS

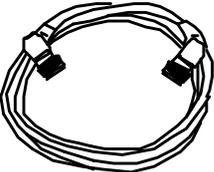
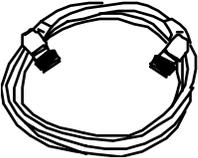
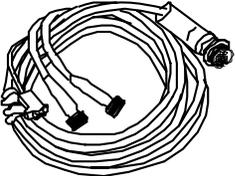
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						A	B	C	D	E	F
	<b>COMPONENTS OF END ITEM (Cont):</b>										
<b>C</b> 	CABLE ASSEMBLY (MK19) 6150-01-529-3140 (11871) 21677-3703										
<b>F</b> 	AMMUNITION CAN ASSEMBLY 8140-01-533-0816 (11871) 21677-0500										
ITEM NOT ILLUSTRATED	<b>SENSOR GROUP PN 21677-4500</b> see below for breakdown										
<b>A</b> 	SENSOR UNIT 5865-66-154-4212 (Z5731) 06077										
<b>H</b> 	CABLE ASSEMBLY (MOUNT-SENSOR UNIT) 6150-01-542-4491 (11871) 21677-3706										

<b>HAND RECEIPT/ANNEX NUMBER</b> for use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG		FROM:			TO:			HAND RECEIPT NUMBER			
END ITEM STOCK NUMBER 1090-01-525-5049		END ITEM DESCRIPTION M101 (CROWS)		PUBLICATION NUMBER TM 9-1090-218-10		PUBLICATION DATE 1 Sep 2005		QUANTITY			
ILLUSTRATION a.	ITEM DESCRIPTION b.			c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY A B C D E F			
	<b>COMPONENTS OF END ITEM (Cont):</b>										
ITEM NOT ILLUSTRATED	<b>CONTROL GROUP</b> <b>PN 21677-5500</b> see below for breakdown										
<b>M</b> 	ELECTRONIC MODULE UNIT (EMU) 1220-66-154-4192 (Z5731) 05820										
<b>P</b> 	SWITCH PANEL UNIT (PANEL CONTROL, ELECTRONIC) 1290-66-154-4314 (Z5731) 05821										

\* WHEN USED AS A  
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 HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes  
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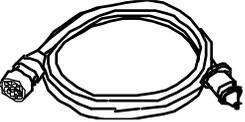
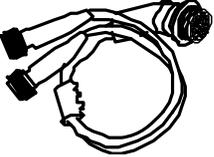
Armament Subsystem: Remotely Operated, M101; CROWS

ILLUSTRATION a.	ITEM DESCRIPTION b.	c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
						A	B	C	D	E	F
<b>COMPONENTS OF END ITEM (Cont):</b>											
<b>K</b> 	INTERFACE CONTROL UNIT (ICU) 1290-66-154-4190 (Z5731) 05822										
<b>N</b> 	JOYSTICK (GRIP ASSEMBLY, CONTROLLER, WEAPON) 1290-66-154-4316 (Z5731) 05823										
<b>R</b> 	DISPLAY UNIT 7025-66-154-5708 (Z5731) 05843										
<b>H</b> 	CABLE ASSEMBLY, ELECTRICAL (POWER) 6150-01-538-5522 (11871) 21677-3713										

<b>HAND RECEIPT/ANNEX NUMBER</b> for use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG		FROM:			TO:			HAND RECEIPT NUMBER						
END ITEM STOCK NUMBER 1090-01-525-5049		END ITEM DESCRIPTION M101 (CROWS)		PUBLICATION NUMBER TM 9-1090-218-10		PUBLICATION DATE 1 Sep 2005			QUANTITY					
ILLUSTRATION a.		ITEM DESCRIPTION b.			c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY A B C D E F					
		<b>COMPONENTS OF END ITEM (Cont):</b>												
<b>J</b> 		CABLE ASSEMBLY, ELECTRICAL (ICU-SPU) 6150-01-538-5520 (11871) 21677-3714												
<b>J</b> 		CABLE ASSEMBLY, ELECTRICAL (ICU-DISPLAY) 6150-01-538-5523 (11871) 21677-3715												
<b>J</b> 		CABLE ASSEMBLY, ELECTRICAL (BULKHEAD-ICU) 6150-01-542-7171 (11871) 21677-3731												

\* WHEN USED AS A  
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 HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes  
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Armament Subsystem: Remotely Operated, M101; CROWS

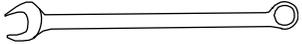
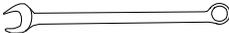
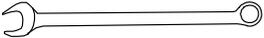
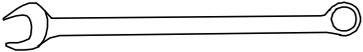
ILLUSTRATION a.	ITEM DESCRIPTION b.	c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
						A	B	C	D	E	F
<b>COMPONENTS OF END ITEM (Cont):</b>											
<b>J</b> 	CABLE ASSEMBLY, ELECTRICAL (ICU-EMU) 6150-01-538-5524 (11871) 21677-3716										
<b>H</b> 	CABLE ASSEMBLY, ELECTRICAL (HATCH INTERLOCK) 6150-01-538-5519 (11871) 21677-3720										
<b>H</b> 	CABLE ASSEMBLY, ELECTRICAL (MOUNT-BULKHEAD) 6150-01-538-5518 (11871) 21677-3730										
ITEM NOT ILLUSTRATED	BALLISTIC PROTECTION KIT 2540-01-542-8092 (11871) 21677-0700										
<b>G</b> 	CROWS Cover 1010-01-542-8098 (11871) 21677-0400										

<b>HAND RECEIPT/ANNEX NUMBER</b> for use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG		FROM:		TO:		HAND RECEIPT NUMBER			
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ILLUSTRATION a.	ITEM DESCRIPTION b.	c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
						A	B	C	D	E	F
<b>BASIC ISSUE ITEMS:</b>											
	TM 9-1090-218-10, Operator's Manual for the Armament Subsystem: Remotely Operated, M101; Common Remotely Operated Weapon Station (CROWS)										
<b>Tool Kit</b>											
ITEM NOT ILLUSTRATED	<b>Operator's Tool Kit:</b> <b>5180-01-542-3603</b> <b>(19204) DFP TRI-004</b> see below for breakdown										
ITEM NOT ILLUSTRATED (COMMERCIAL CANVAS BAG)	Tool Box or Bag, Portable										
	8-inch adjustable wrench 5120-00-240-5328										

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Armament Subsystem: Remotely Operated, M101; CROWS

ILLUSTRATION a.	ITEM DESCRIPTION b.	c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
						A	B	C	D	E	F
	<b>BASIC ISSUE ITEMS / Tool Kit (Cont):</b>										
	8-mm combination wrench 5120-01-398-9351										
	12-mm combination wrench 5120-01-398-9355										
	19-mm combination wrench 5120-01-398-9361										
	5/16-inch combination wrench 5120-01-398-9291										
	1/2-inch combination wrench 5120-01-398-9221										
	5/8-inch combination wrench 5120-01-398-9218										
	7/8-inch flat combination wrench* 5120-01-398-9322 *to be modified										
	15/16-inch combination wrench 5120-01-398-9223										
	1/8-inch hex head wrench 5120-00-189-2992										

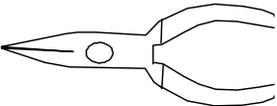
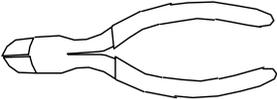
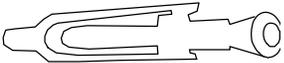
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END ITEM STOCK NUMBER 1090-01-525-5049	END ITEM DESCRIPTION M101 (CROWS)	PUBLICATION NUMBER TM 9-1090-218-10	PUBLICATION DATE 1 Sep 2005		QUANTITY

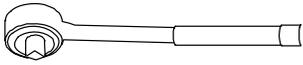
ILLUSTRATION a.	ITEM DESCRIPTION b.	c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
						A	B	C	D	E	F
	<b>BASIC ISSUE ITEMS / Tool Kit (Cont):</b>										
	9/64-inch hex head wrench 5120-00-889-2163										
	5/32-inch hex head wrench 5120-00-189-2991										
	3/16-inch hex head wrench 5120-00-189-2990										
	1/4-inch hex head wrench 5120-00-189-2988										
	5/16-inch hex head wrench 5120-00-189-2987										

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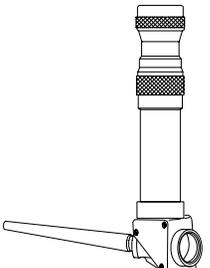
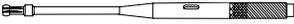
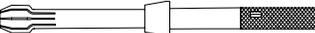
Armament Subsystem: Remotely Operated, M101; CROWS

ILLUSTRATION a.	ITEM DESCRIPTION b.	c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
						A	B	C	D	E	F
	<b>BASIC ISSUE ITEMS / Tool Kit (Cont):</b>										
	3/8-inch hex head wrench 5120-00-189-2986										
	1/8-inch flat tip, 6-inch screwdriver 5120-00-010-7913										
	1/4-inch flat tip, 8-inch screwdriver 5120-00-010-7915										
	6-inch crosstip #2 screwdriver 5120-00-033-9035										
	6-inch needle nose pliers 5120-01-430-8332										
	6-inch diagonal cutters 5110-00-224-1532										
	Wire-twisting pliers 5120-00-305-2306										

<b>HAND RECEIPT/ANNEX NUMBER</b> for use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG		FROM:			TO:			HAND RECEIPT NUMBER						
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ILLUSTRATION a.	ITEM DESCRIPTION b.			c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY A B C D E F						
	<b>BASIC ISSUE ITEMS / Tool Kit (Cont):</b>													
	3/8-inch drive ratchet, socket 5120-01-445-1779													
	3/8-inch drive, 3-inch extension 5120-01-430-7919													
	Socket wrench, 7/16-inch, 12-point, 3/8 inch drive 5120-01-399-9573													
	Socket wrench, 9/16-inch, 12-point, 3/8 inch drive 5120-01-399-9535													

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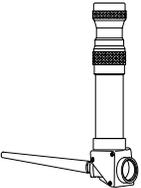
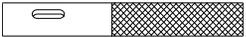
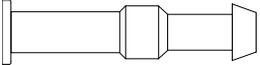
Armament Subsystem: Remotely Operated, M101; CROWS

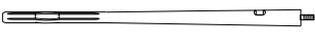
ILLUSTRATION a.	ITEM DESCRIPTION b.	c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
						A	B	C	D	E	F
	<b>BASIC ISSUE ITEMS / Tool Kit (Cont):</b>										
	0.020 inch Safety Wire 9505-00-221-2650										
	<b>Boresight Kit</b>										
ITEM NOT ILLUSTRATED	<b>CROWS Boresight Kit – MR1 (19200) 11838942</b> see below for breakdown of Fielding 1 Kit:										
	Boresight Telescope (manual) 4933-00-867-6607 (19200) 7799773										
	.50-cal Mandrel (M2) 4933-01-251-9703 (19200) 12561298										
	40-mm Mandrel (Mk19) (1DBZ2) 1-1009										

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ILLUSTRATION a.	ITEM DESCRIPTION b.	c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
						A	B	C	D	E	F
	<b>BASIC ISSUE ITEMS / Boresight Kit MR1 (Cont):</b>										
	7.62-mm Mandrel (M240) 4933-00-930-8951 (19200) 11686592										
	5.56-mm Mandrel (M249)										
	Key										
	Warning Tag (12905) 11686403										
ITEM NOT ILLUSTRATED	Carrying Case TBD										
	<b>CROWS Boresight Kit - MR2 (19200) 11838947</b> see below for breakdown of Fielding 2 Kit:										

\* 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)

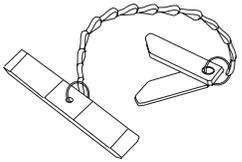
Armament Subsystem: Remotely Operated, M101; CROWS

ILLUSTRATION a.	ITEM DESCRIPTION b.	c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
						A	B	C	D	E	F
	<b>BASIC ISSUE ITEMS / Boresight Kit MR2 (Cont):</b>										
	Carrying Case TBD										
	Boresight Telescope (manual) 4933-00-867-6607										
	Boresight Adapter (19200) 13014956										
	40-mm Expansion Mandrel (Mk19) 3460-01-502-0575										

<b>HAND RECEIPT/ANNEX NUMBER</b> for use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG		FROM:			TO:			HAND RECEIPT NUMBER			
END ITEM STOCK NUMBER 1090-01-525-5049		END ITEM DESCRIPTION M101 CROWS Tool Kit and Boresighting Kit		PUBLICATION NUMBER TM 9-1090-218-10		PUBLICATION DATE 1 Sep 2005		QUANTITY			
ILLUSTRATION a.	ITEM DESCRIPTION b.	c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
						A	B	C	D	E	F
	<b>BASIC ISSUE ITEMS / Boresight Kit MR2 (Cont):</b>										
	AN/PEM-1 Laser Borelight System 5860-01-471-2091 (OB107) LBS-300 see below for breakdown of laser system:										
	Laser (OB107) LBS-301										
	.50-cal Mandrel (M2) 4933-01-518-6150										
	7.62-mm Mandrel (M240) 4933-01-474-1265										

\* 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)

Armament Subsystem: Remotely Operated, M101; CROWS

ILLUSTRATION a.	ITEM DESCRIPTION b.	c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
						A	B	C	D	E	F
	<b>BASIC ISSUE ITEMS / Boresight Kit MR2/ Laser Kit (Cont):</b>										
	5.56-mm Mandrel (M249) 4933-01-474-1114										
	Battery (for Laser), AA Alkaline: 6135-00-985-7845 Lithium: 6135-01-333-6101										
	TM 10471-OI/1A or LBS-A5A7-TM Operator and Unit Maintenance Manual Including Repair Parts and Special Tools List for the AN/PEM-1 Laser Borelight System (LBS-300) (NSN 5860-01-471-2091) (EIC: N/A) and Laser Borelight System (LBS-050) (NSN 5860-01-4661-2087) (EIC: N/A)										
	<b>Vehicle Integration Kit (VIK)</b>										
ITEM NOT ILLUSTRATED	Vehicle Integration Kit (VIK) 2541-01-533-6903										
	<b>ADDITIONAL AUTHORIZATION LIST:</b>										
	M2 timing gages: GO/NO GO and FIRE/NO FIRE gages 5220-00-535-1217 (Normally fielded as part of weapon support structure; issued with M2 as BII.)										

**END OF WORK PACKAGE**

By Order of the Secretary of the Army:

Official:



JOYCE E. MORROW  
*Administrative Assistant to the  
Secretary of the Army*

0710208

GEORGE W. CASEY, JR.  
*General, United States Army  
Chief of Staff*

DISTRIBUTION: To be distributed in accordance with the Initial Distribution Number (IDN) 401230 requirements for TM 9-1090-218-10-HR.





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