

**HAND RECEIPT MANUAL**

**COVERING THE END ITEM/COMPONENTS OF END ITEM (COEI),**

**BASIC ISSUE ITEMS (BII), AND**

**ADDITIONAL AUTHORIZATION LIST (AAL)**

**FOR**

**CAMERA, COPYING, LITHOGRAPHIC**

**TOPOGRAPHIC SUPPORT SYSTEM**

**NSN: 3610-01-174-4066**

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**HEADQUARTERS. DEPARTMENT OF THE ARMY  
17 NOVEMBER 1986**

Hand Receipt  
TM 5-3610-258-14-HR

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, D.C., 17 November 1986

HAND RECEIPT COVERING CONTENTS OF  
COMPONENTS OF END ITEM (COEI),  
BASIC ISSUE ITEMS (BII), AND  
ADDITIONAL AUTHORIZATION LIST (AAL)  
FOR  
TOPOGRAPHIC SUPPORT SYSTEM  
CAMERA, COPYING, LITHOGRAPHIC  
MODEL NO. P-E38  
NSN 3610-01-174-4066

REPORTING OF ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual, directly to: Commander, U.S. Army Troop Support Command, ATTN: AMSTR-MCTS, 4300 Good-fellow Boulevard, St. Louis, MO 63120-1798. A reply will be furnished to you.

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Section I. INTRODUCTION

1. SCOPE. This publication provides 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 Camera, Copying, Lithographic Topographic Support System.

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 5-3610-258-14. The listings consist of exactly the same items and are in the same sequence as those listings in TM 5-3610-258-14.

b. 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.

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 US Army Adjutant General Publications Center, 2800 Eastern Boulevard, Baltimore, MD 21220. See DA Pamphlet 310-10-2 for proper requisitioning procedures.

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 entries via Column C. One of the following Accounting Requirements Code (ARC) 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 assemblages; 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) For 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."

b. 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.

<b>HAND RECEIPT/ For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG</b>		<b>FROM:</b>			<b>TO:</b>			<b>HAND RECEIPT NUMBER</b>							
<b>FOR ANNEX/ CR ONLY</b>	<b>END ITEM STOCK NUMBER</b>	<b>END ITEM DESCRIPTION</b>			<b>PUBLICATION NUMBER</b> TM 5-3610-258-14			<b>PUBLICATION DATE</b> 14 JAPRIL 1986			<b>QUANTITY</b>				
<b>STOCK NUMBER</b> a.		<b>ITEM DESCRIPTION</b> b.			<b>Used On Code</b>	<b>* c.</b>	<b>SEC d.</b>	<b>UI e.</b>	<b>QTY AUTH f.</b>	<b>g. QUANTITY</b>					
										<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>
		COMPONENTS OF END ITEM (COEI)													
		BASIC ISSUE ITEMS (BII)													
8020-00-619-8929		BRUSH ARTIST'S (06608) 13308K				X		EA	2						
7920-00-205-0565		BRUSH, CAMEL HAIR				X		EA	1						
7920-00-205-1427		BRUSH, LENS (19139) 1499714				X		EA	1						
5210-01-044-0937		DIAL INDICATOR AND TRAMMEL ASSEMBLY (83113) 2010-14				D		EA	1						
6760-00-141-6764		FILTER, LIGHT, PHOTOGRAPHIC LENS: BLUE (19139) 149 4368				X		EA	1						
6760-00-141-6765		FILTER, LIGHT, PHOTOGRAPHIC LENS GREEN (19139) 149 4442				X		EA	1						
6760-00-286-8544		FILTER, LIGHT, PHOTOGRAPHIC LENS RED (19139) 149 4178				X		EA	1						
6760-00-141-6751		FILTER, LIGHT, PHOTOGRAPHIC LENS YELLOW (19139) 149 4061				X		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>															
														PAGE 1 OF 3 PAGES	

STOCK NUMBER a.	ITEM DESCRIPTION b.	Used On Code	*	SEC	UI	QTY AUTH f.	g. QUANTITY					
							A	B	C	D	E	F
5210-00-197-9681	GAGE, GAP SETTING (55719) FB301B		X	EA	1							
5120-00-595-9244	KEY SET, SOCKET HEAD SCREW (55719) AW1020K		D	SE	1							
4930-00-253-2478	LUBRICATING GUN (77335) 30-116		D	EA	1							
6650-00-255-8268	MAGNIFIED, MONOCULAR (94480) 12-064-10		X	EA	1							
4930-00-537-8977	OILER, HAND (77335) 50-123		X	EA	1							
7240-00-137-1608	PAIL UTILITY (19272) 4 GAL		X	EA	1							
5120-00-234-8913	SCREWDRIVER, CROSS TIP, NO 2 (55719) SSDP42		D	EA	1							
5120-00-227-7356	SCREWDRIVER, FLAT TIP (55719) 66-172		D	EA	1							
5120-00-227-7362	SCREWDRIVER, FLAT TIP (78525) 66-172		D	EA	1							
5120-00-288-7803	SCREWDRIVER, FLAT TIP, CABINET (96508) 53161		D	EA	1							
5120-00-148-7918	WRENCH SET, OPEN END, FIXED (81348) GGG-W-636		D	SE	1							

<b>HAND RECEIPT/ For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG</b>		<b>FROM</b>	<b>TO</b>					<b>HAND RECEIPT NUMBER</b>							
<b>FOR ANNEX/ CR ONLY</b>	<b>END ITEM STOCK NUMBER</b>	<b>END ITEM DESCRIPTION</b>			<b>PUBLICATION NUMBER</b>			<b>PUBLICATION DATE</b>			<b>QUANTITY</b>				
<b>STOCK NUMBER a.</b>		<b>ITEM DESCRIPTION b.</b>			<b>Used On Code</b>	<b>*</b>	<b>SEC</b>	<b>UI</b>	<b>QTY AUTH</b>	<b>g. QUANTITY</b>					
						<b>c.</b>	<b>d.</b>	<b>e.</b>	<b>f.</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>
		ADDITIONAL AUTHORIZATION LIST (AAL) NOT APPLICABLE													
* 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 3 OF 3 PAGES					

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

**JOHN A. WICKHAM, JR.**  
*General, United States Army*  
*Chief of Staff*

**Official:**

**R. L. DILWORTH**  
*Brigadier General, United States Army*  
*The Adjutant General*

**DISTRIBUTION:**

To be distributed in accordance with DA Form 12-25A, Organizational Maintenance Requirements for Reproduction Set, Diazo Process, (Model 185 FL-M) (TM 5-3610-256 Series)



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FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

DATE SENT

PUBLICATION NUMBER

PUBLICATION DATE

PUBLICATION TITLE

BE EXACT... PIN-POINT WHERE IT IS

PAGE NO.

PARA-GRAPH

FIGURE NO.

TABLE NO.

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

TEAR ALONG PERFORATED LINE

PRINTED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

SIGN HERE:

DA FORM 2028-2 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

### Linear Measure

1 centimeter = 10 millimeters = .39 inch  
 1 decimeter = 10 centimeters = 3.94 inches  
 1 meter = 10 decimeters = 39.37 inches  
 1 dekameter = 10 meters = 32.8 feet  
 1 hectometer = 10 dekameters = 328.08 feet  
 1 kilometer = 10 hectometers = 3,280.8 feet

### Weights

1 centigram = 10 milligrams = .15 grain  
 1 decigram = 10 centigrams = 1.54 grains  
 1 gram = 10 decigrams = .035 ounce  
 1 dekagram = 10 grams = .35 ounce  
 1 hectogram = 10 dekagrams = 3.52 ounces  
 1 kilogram = 10 hectograms = 2.2 pounds  
 1 quintal = 100 kilograms = 220.46 pounds  
 1 metric ton = 10 quintals = 1.1 short tons

### Liquid Measure

1 centiliter = 10 milliliters = .34 fl. ounce  
 1 deciliter = 10 centiliters = 3.38 fl. ounces  
 1 liter = 10 deciliters = 33.81 fl. ounces  
 1 dekaliter = 10 liters = 2.64 gallons  
 1 hectoliter = 10 dekaliters = 26.42 gallons  
 1 kiloliter = 10 hectoliters = 264.18 gallons

### Square Measure

1 sq. centimeter = 100 sq. millimeters = .155 sq. inch  
 1 sq. decimeter = 100 sq. centimeters = 15.5 sq. inches  
 1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. feet  
 1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. feet  
 1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47 acres  
 1 sq. kilometer = 100 sq. hectometers = .386 sq. mile

### Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch  
 1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. inches  
 1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

## Approximate Conversion Factors

<i>To change</i>	<i>To</i>	<i>Multiply by</i>	<i>To change</i>	<i>To</i>	<i>Multiply by</i>
inches	centimeters	2.540	ounce-inches	newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.609	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.315
fluid ounces	milliliters	29.573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	3.785	liters	quarts	1.057
ounces	grams	28.349	liters	gallons	.264
pounds	kilograms	.454	grams	ounces	.035
short tons	metric tons	.907	kilograms	pounds	2.205
pound-feet	newton-meters	1.356	metric tons	short tons	1.102
pound-inches	newton-meters	.11296			

## Temperature (Exact)

°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C
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