

HAND RECEIPT MANUAL

**COVERING THE END ITEM/COMPONENTS OF END ITEM (COEI),
BASIC ISSUE ITEMS (BII), AND
ADDITIONAL AUTHORIZATION LIST (AAL)
FOR
TOPOGRAPHIC SUPPORT SYSTEM
CAMERA SECTION
MODEL 1983
NSN: 3610-01-105-1694**

**HEADQUARTERS, DEPARTMENT OF THE ARMY
20 OCTOBER 1986**

Hand Receipt
TM 5-3610-257-14-HR

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 20 October 1986

HAND RECEIPT COVERING CONTENTS OF
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ADDITIONAL AUTHORIZATION LIST (AAL)
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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 Section, 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 5-3610-257-14. The listings consist of exactly the same items and are in the same sequence as those listings in TM 5-3610-257-14.
 - b. The overprinted DA Form 2062 will eliminate manual preparation of the form and will assist organizational 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 DA Pam 710-2, Chapter 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 Requirement Codes (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.

Section II.

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
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FOR ANNEX/CR ONLY	END ITEM STOCK NUMBER	END ITEM DESCRIPTION	PUBLICATION NUMBER TM 5-3610-257-14	PUBLICATION DATE 20 June 1986	QUANTITY
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STOCK NUMBER a.	ITEM DESCRIPTION b.	*	SEC	UI	QTY AUTH f.	g. QUANTITY					
						A	B	C	D	E	F
COMPONENTS OF END ITEM											
4120-01-076-1753	Air Conditioner (94833) F18H-3	N		EA	2						
	Box, Film Storage (97403) 13226E4410	X		EA	1						
	Box, Target Storage (97403) 13226E4429	X		EA	1						
	Bulletin Board (39428) 6092T22	X		EA	1						
	Cabinet, Developing Tray (97403) 13226E4457	N		EA	1						
	Light Table (93791) VLT32T	N		EA	1						
	Storage Cabinet (81349) MIL-C-40060/15	N		EA	1						
	Storage Cabinet (81349) MIL-C-40060/16	N		EA	1						
7125-00-286-5259	Cabinet, Wall Storage (97403) 13226E4411	N		EA	1						
	Densitometer, Digital Reflection (51490) RD-144	N		EA	1						
	Dryer, Film (59166) 3040	N		EA	1						
	Exposure Control Instrument, Light Integrating (51490) 10037	N		EA	1						
5440-01-152-7751	Ladder, Folding (39428) 8028T16	N		EA	1						
2540-01-133-9726	Ladder Assembly, Vehicle Boarding	X		EA	2						
	Phototube Assembly, Multicolor (51490) G-202	N		EA	1						

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

PAGE 1 OF 10 PAGES

STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	*	SEC	UI	QTY AUTH <i>f.</i>	g. QUANTITY					
						A	B	C	D	E	F
4210-00-555-8837	BASIC ISSUE ITEMS - Cont.	N		EA	2						
6760-00-141-6764	Extinguisher, Fire (06539) FH-900-2	X		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						
6740-00-282-9320	Filter, Photographic Darkroom Safelight (19139) 152 1731	X		EA	1						
6545-00-922-1200	First Aid Kit (81348) U-A-500	D		EA	1						
6640-00-427-5250	Graduate, Liquid, Laboratory (96906) MS35956-6	X		EA	2						
4720-00-202-6722	Hose Assembly, Nonmetallic	X		EA	2						
4720-00-202-6483	Hose Assembly, Wire Reinforced	X		EA	1						
5120-00-935-4641	Key Set, Socket Head Screw (55719) AW1020K	X		SE	1						
	Device, Toe Hooks and Tiedown: LH (52555) 1390-4	X		EA	2						
	Device, Toe Hooks and Tiedown: RH (52555) 1390-3	X		EA	2						
	Light, Emergency (51745) ADC-1773	N		EA	1						
6650-00-255-8268	Magnifier, Monocular (94480) 12-064-10	X		EA	1						
7240-00-138-7985	Measure, Liquid (64480) S-40507-A	X		EA	1						
4930-00-277-1547	Oiler, Hand *72798) 274T	X		EA	1						
5340-00-682-1505	Padkock Set (96906) MS21313-52	X		EA	1						
5120-00-223-7396	Pliers, Slip Joint (93389) 276	X		EA	1						
6685-00-641-3580	Psychrometer (64467) 314	N		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	
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
BASIC ISSUE ITEMS - Cont.							
4730-00-277-5649	Reducer, Pipe (82666) 179 2 x 3/4		X		EA	1	
4730-00-277-5536	Reducer, Pipe (82666) 179 3 x 1 1/2		X		EA	1	
4730-00-227-6929	Reducer, Pipe (82666) 678 3/4 x 1/2		X		EA	1	
4730-00-227-6933	Reducer, Pipe (82666) 678 1 x 3/4		X		EA	1	
4730-00-231-5661	Reducer, Pipe (82666) 678 1 1/2 x 3/4		X		EA	1	
4730-00-231-5656	Reducer, Pipe (82666) 678 1 1/4 x 3/4		X		EA	1	
6675-00-580-5077	Invar Bar (81348) MILS20197		N		EA	1	
5120-00-764-8080	Screwdriver, Cross Tip (52346) HA3B077		X		EA	1	
5120-00-234-8912	Screwdriver, Cross Tip #3 (55719) SSDP63		X		EA	1	
5120-00-234-8910	Screwdriver, Flat Tip (55719) SSD6		X		EA	1	
5120-00-293-3178	Screwdriver, Screwstarter (79061) K28		X		EA	1	
	Station, Eyewash (11392) 12-60-31		C		EA	1	
7920-00-234-5121	Squeegee (76708) 5100		X		EA	1	
6645-00-732-7789	Timer, Interval (08474) 62348-000		X		EA	1	
5140-00-331-5496	Tool Box, Portable (75206) CS19		D		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)							

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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	
	ADDITIONAL AUTHORIZATION LIST (AAL) NOT APPLICABLE											

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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

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PRINTED NAME, GRADE OR TITLE AND TELEPHONE NUMBER		SIGN HERE	

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 decigram = .035 ounce
 1 decagram = 10 grams = .35 ounce
 acres
 1 hectogram = 10 decagrams = 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
 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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