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TECHNICAL MANUAL

HAND RECEIPT

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

FOR

SEARCHLIGHT SET, INFRARED AN/VSS-3A  
(NSN 5855-00-177-3529 AND NSN 5855-00-405-0404)

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HEADQUARTERS, DEPARTMENT OF THE ARMY  
31 MARCH 1981

HAND RECEIPT

TM 11-5855-217-12-1-HR

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, DC, 31 March 1981

**HAND RECEIPT  
COVERING CONTENT OF COMPONENTS OF END ITEM (COED)  
BASIC ISSUE ITEMS (BIL), AND ADDITIONAL AUTHORIZATION LIST (AAL)  
FOR**

**SEARCHLIGHT SET, INFRARED AN/VSS-3A  
(NSN 5855-00-177-3529 AND NSN 5855-00-405-0404)**

*Current as of 31 March 1981*

**REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS**

You can help improve this manual by calling attention to errors and by recommending improvements and stating your reasons for the recommendations. Your letter or DA Form 2028 (Recommended Changes to Publications and Bland Forms) should be mailed direct to Commander, US Army Communications and Electronics Materiel Readiness Command, ATTN: DRSEL-ME-MQ Fort Monmouth, NJ 07703. A reply will be furnished direct to you.

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## 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 Searchlight Set, Infrared AN/VSS-3A, FSN 5855-00-177-3529 and FSN 5855-00-405-0404.

### 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 11-5855-217-12-1. The listings consist of exactly the same items and are in the same sequence as those listings in TM 11-5855-217-12-1.

*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, organization shall 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 of this publication may be requisitioned from:

COMMANDER  
US Army AG Publications Center  
ATTN: AGDL-OD  
1656 Woodson Road .  
St. Louis, MO. 63114

### 3. EXPLANATION OF BLOCKS AND COLUMNS (DA FORM 2062).

*a. FROM.* Enter the organization for which the property book is maintained

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

*c. CATALOG NO.* Contains the technical manual (TM) number of the operator's manual.

*d. CURR OF ALW.* Not applicable.

*e. ITEM.* Contains end item short title.

*f. STOCK NO.* National stock number of the item described. Items without stock numbers should be "requisitioned by Federal Supply Code for Manufacturer (FSCM) and Part Number direct from: US Army Communications and Electronics Materiel Readiness Command, ATTN: DRSEL-MM, Fort Monmouth, NJ 07703.

#### NOTE

The Accounting Requirements Code (ARC) refers to property accountability,

not to disposal authority. Disposition action and authority for an unserviceable item is governed by the recoverability code (5th position code of the SMR code) assigned to the item.

*g. ITEM DESCRIPTION.* Identifies the item contained in the COEI, BII, and AAL. The first entry shall be the line item's Expendability (EXP)/Accounting Requirements Code (ARC), in parentheses, in front of the line item name. One of the following codes will apply:

- (N) for Nonexpendable: Items not consumed in use, retaining their identity during use, and requiring that accountability be maintained throughout the life of the item.
- (D) for Durable Nonconsumable components of sets, kits, outfits, and 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) Non Expandable 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".

In addition, it will contain nomenclature, and serial/USA number (if applicable) that will be useful in identifying and controlling the item. Serial number to be inserted and initialed on all copies by the hand receipt holder.

*h. T(a).* Quantity of each item as listed in the COEI, BII, and AAL.

*i. C(t).* Leave blank

*j. BALANCE.*

(1)1. Enter the total quantity possessed by the receiving unit/personnel for each item listed. All quantity totals will be advanced to the next balance column on any item changes, annotated "adjusted", dated, and signed by the individual receiving the property.

(2)2. The individual receiving the property will sign and date the appropriate balance column on the bottom of the last page below a drawn line. When an inventory is taken, the column will be annotated "Per Inventory".

(3) 3 through 12. Same as (2) above.

*k. PAGE NO./NO. OF PAGES,* Contains page number and total pages for the COEI, BII, and AAL portions of the hand receipt. Hand receipt holder 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 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 (RSTL).**

**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.**

**SECTION II. HAND RECEIPT**

Following is the Hand Receipt for Searchlight Set, Infrared AN/VSS-3A NSN 5855-00-177-3529 and NSN 5855-00-405-0404.

<b>STANDARD RECEIPT NUMBER NO.</b> <small>FOR USE BY THE MILITARY AND AIR FORCE</small>		<b>FROM:</b>		<b>TO:</b> Head Receipt File No.											
Following last item, state in each balance column the type of action (e.g. issue, turn-in, inventory, etc.) producing this balance, date of action, and signature.		<b>CATALOG No</b> TM 11-5895-217-12-1		<b>CURR OF ALW ITEM</b> AN/VSS-3A											
		<b>ITEM DESCRIPTION</b>		<b>BALANCE</b>											
<b>STOCK No</b>	<b>ITEM DESCRIPTION</b>	<b>QTY</b>	<b>UNIT</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>
5855-00-177-3529	(N) SEARCHLIGHT SET, INFRARED AN/VSS-3A														
	COMPONENTS OF END ITEM (COEI)														
	CONSISTING OF:														
5855-00-177-3528	(X) SEARCHLIGHT, INFRARED MX-8272A/VSS-3	1													
5855-00-177-3525	(X) CONTROL, SEARCHLIGHT SET C-7905A/VSS-3	1													
5855-00-177-3527	(X) CONTROL, SEARCHLIGHT SET C-7906A/VSS-3	1													
5855-00-405-0404	(N) SEARCHLIGHT SET, INFRARED AN/VSS-3A														
	CONSISTING OF:														
5855-00-189-6066	(X) SEARCHLIGHT, INFRARED MX-8272B/VSS-3	1													
5855-00-189-6065	(X) CONTROL, SEARCHLIGHT SET C-7905B/VSS-3	1													
5855-00-451-5224	(X) CONTROL, SEARCHLIGHT SET C-7906B/VSS-3	1													
	NOTE: ALL OF THE ITEMS LISTED ABOVE ARE INTERCHANGEABLE.														

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PAGE No. 5  
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STOCK NO.	ITEM DESCRIPTION	QTY (#)	COST (\$)	BALANCE													
				1	2	3	4	5	6	7	8	9	10	11	12		
	(COEI) - CONTINUED																
5855-00-114-4949	(X) INSTALLATION KIT M551 (FOR USE ON ARMORED RECONNAISSANCE/AIRBORNE ASSAULT VEHICLE M551)																
	CONSISTING OF:																
5855-00-135-0162	(X) SEARCHLIGHT SUPPORT	1															
5310-00-767-9425	(X) FLAT WASHER	4															
5305-00-716-8186	(X) CAP SCREW	4															
5855-00-110-3541	(X) QUICK DISCONNECT PIN	3															
5995-00-135-0081	(X) CABLE ASSEMBLY, POWER, ELECTRICAL CX-1193/VSS-3	1															
5305-00-052-6456	(X) CAP SCREW	4															
5310-00-721-7809	(X) LOCK WASHER	4															
5305-00-269-2803	(X) CAP SCREW, HEXAGON	4															
5310-00-061-1258	(X) LOCK WASHER	4															
5855-00-114-4953	(X) INSTALLATION KIT M60 (FOR USE ON TANK, COMBAT, FULL TRACKED M60)	1															
	CONSISTING OF:																
5855-00-114-4954	(X) SEARCHLIGHT MOUNT ASSEMBLY	1															
T - Total allowance for Hand Receipts. (a) Authorized per item for Hand Receipt Amounts. C - Current operating allowance for Hand Receipts. (b) Total authorized for Hand Receipt Amounts.													PAGE NO. 2 NO. OF PAGES 5				

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HAND RECEIPT/ANNEX NO. <small>For use of this form, see All 700-2 in the proposed agency in the office of the Deputy Chief of Staff for Logistics.</small>		FROM;		TO: Hand Receipt File No.													
Following last item, state in each balance column the type of action (e.g. issue, turn-in, inventory, etc.) producing this balance, date of action, and signature.		Fill in the following when this form is used as Hand Receipt Annex.															
		CATALOG NO TM 11-5895-217-12-1				CURR OF ALW				ITEM AN/VSS-3A							
STOCK NO	ITEM DESCRIPTION	T (a)	C (b)	BALANCE													
				1	2	3	4	5	6	7	8	9	10	11	12		
	(COEI) - CONTINUED																
5310-00-767-9425	(X) FLAT WASHER	4															
5305-00-725-4183	(X) CAP SCREW	4															
5995-00-177-3562	(X) CABLE ASSEMBLY, POWER, ELECTRICAL	1															
	SC-D-647380																
5310-00-004-5033	(X) LOCK WASHER	4															
5305-00-269-3209	(X) CAP SCREW	4															
5310-00-891-1749	(X) HEX NUT	4															
5305-00-995-3444	(X) PAN HEAD SCREW	4															
5310-00-045-3296	(X) LOCK WASHER	4															
5310-00-809-8546	(X) FLAT WASHER	4															

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T - Total allowance for Hand Receipts. (a) Authorized per item for Hand Receipt Annexes.  
 C - Current operating allowance for Hand Receipts. (b) Total authorized for Hand Receipt Annexes.

PAGE No 3  
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STOCK NO.	ITEM DESCRIPTION	LT	SC	BALANCE														
				1	2	3	4	5	6	7	8	9	10	11	12			
	BASIC ISSUE ITEMS (BII)																	
5975-00-123-1527	(X) COVER ASSEMBLY, SEARCHLIGHT	1																
	SC-D-647202-1 (80063)																	
	ADDITIONAL AUTHORIZATION LIST (AAL)																	
6250-00-134-1757	(X) EXTRACTOR ASSEMBLY, RSI SC-D-646813	1																
	(80063)																	
<small>T - Total authorized for Stock Account. (a) Authorized per item for Stock Account Activities.  C - Current quantity authorized for Stock Account. (b) Total authorized for Stock Account Activities.</small>																		

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CURRENT AS OF 31 MARCH 1981

FORM NO. 1  
MAY 1962 EDITION 5



**HAND RECEIPT/ANNEX NO.**  
For use in the form of a receipt for the Department Agency  
 in all cases of the Supply Order of War for Logistics

**FROM:**

**TO:**  
Hand Receipt File No.

Following last item, state in each balance column the type of action (e.g. issue, turn-in, inventory, etc.) producing this balance, date of action, and signature.

Fill in the following when this form is used as Hand Receipt Annex.

**AVALS No**  
TM 11-5895-217-12

**Curr of ALW**  
-1

**ITEM**  
AN/VSS-3A

STOCK NO	ITEM DESCRIPTION	①	②	BALANCE												
				1	2	3	4	5	6	7	8	9	10	11	12	

THOSE NSN'S INDICATED BY AN "X" IN THE ARC ON  
 HAND RECEIPT PAGES NEED NOT BE COUNTED UNDER  
 THE INVENTORY PROVISION OF PARA 2-10, AR 710-2.  
 ITEMS WILL BE ORDERED AS REQUIRED.

7/(8 blank)

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T - Total allowance for Hand Receipts. (a) Authorized per item for Hand Receipt Annexes.  
 C - Current operating allowance for Hand Receipts. (b) Total authorized for Hand Receipt Annexes.

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By Order of the Secretary of the Army:

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*General, United States Army*  
*Chief of Staff*

Official:

J. C. PENNINGTON  
*Major General, United States Army*  
*The Adjutant General*

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USAIS (2)  
USAES (2)  
USAICS (2)  
MAAG (1)  
USARMIS (1)  
USARERDAA (1)  
USAERDAW (1)  
Ft Carson (2)  
Ft Gillem (2)  
Ft Gordon (2)  
Ft Richardson (CERCOM Oft) (2)  
Units org under fol TOE  
29-207 (1)  
29.610 (1)

NC: State AG (3); Units — Units Same As Active Army Except Allowance is One Copy Per Unit.

*USAR*: None

For explanation of abbreviation used, see AR 310-50.

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



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

SOMETHING WRONG WITH PUBLICATION

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

# 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: 048463-000**