

**HAND RECEIPT**

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

**FOR**

**MULTIPLE INTEGRATED LASER ENGAGEMENT  
SYSTEM**

**(MILES)**

**SIMULATOR SYSTEM, FIRING, LASER: M79**

**NSN 1270-01-159-0481**

**FOR**

**UH-1H HELICOPTER**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY  
OCTOBER 1984**

Hand Receipt

TM 9-1270-224-10-HR

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, D.C.,

19 October 1984

**HAND RECEIPT**

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**BASIC ISSUE ITEMS (BII), AND ADDITIONAL AUTHORIZATION LIST (AAL)**

**FOR**

**MULTIPLE INTEGRATED LASER ENGAGEMENT SYSTEM (MILES)**

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**UH-1H HELICOPTER**

**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 the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 direct to: Commander, U.S. Army Armament, Munitions and Chemical Command, ATTN: DRSMC-MAS, Rock Island, Illinois, 61299. A reply will be furnished to you.

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**HAND RECEIPT FOR CONTENTS OF  
COMPONENTS OF END ITEM (COEI), BASIC ISSUE ITEMS (BII), AND  
ADDITIONAL AUTHORIZATION LIST ITEMS FOR  
MILESSYSTEM FOR THE UH-1H HELICOPTER**

**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 Multiple Integrated Laser Engagement System (MILES): UH-1H Helicopter.

**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. The listings consist of exactly the same items and are in the same sequence as those listings in TM 9-1270-224-10.

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 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 may be requisitioned from the US Army Adjutant General Publications Center, 2800 Eastern Boulevard, Baltimore, MD 21200 in accordance with Chapter 3, AR 310-2.

**3. EXPLANATION OF BLOCKS AND COLUMNS (DA FORM 2062).** Refer to DA PAM 710-2-1, Chapter 6. Additional information required to complete DA Form 2062 is listed below:

a. Hand receipts shall identify the accounting requirement status of all line item entries via column 6. One of the following Accounting Requirements 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.

**4. SPECIAL INFORMATION.** National stock numbers (NSNs) have not been assigned to all COEI, GIL and AAL items because these items are presently supported by contractor logistics support (CLS). When decision is made to assume Government support, NSNs will be assigned, and hand receipt entries (columns a, c, d, and e) will be furnished.

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	MILES SYSTEM/M79	PUBLICATION NUMBER	PUBLICATION DATE				QUANTITY				
		UH-1H HELICOPTER		TM 9-1270-224-10									
STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>			*	SEC	UI	QTY AUTH <i>f.</i>	QUANTITY <i>g.</i>					
				<i>c.</i>	<i>d.</i>	<i>e.</i>		A	B	C	D	E	F
	Components f End Item (COEI)												
	Adapter Assembly, Cockpit Indicator						1						
	(19200) 9339399-2												
	Adapter Assembly, Simulator System,						1						
	Laser: Console (19200) 9339392												
	Adapter Set, Simulator System, Laser:						1						
	UH-1H Helicopter (19200) 9339543												
	Line Item/Part Number 9339548 consists												
	of the following components:												
	Belt End Assembly (19200) 9340083						2						
	Belt End Assembly (19200) 9340084						1						
	Belt End Assembly (19200) 9340103						2						
	Screw, Pan Hd #10-33 UNC-2A x .5 LG						4						
	Cable Assembly, AKI/Smoke-ACIA (19200) 9340051-2						1						
	Cable Assembly, Belt Harness, Left (19200) 9340054						1						
	Cable Assembly, Belt Harness, Right (19200) 9340052						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	UI	QTY AUTH <i>f.</i>	<i>g.</i> QUANTITY					
						A	B	C	D	E	F
	Cable Assembly, Headset-WI (19200) 9340056-1				2						
	Cable Assembly, UH-1H ACIA INTFC (19200) 9340055				1						
5340-01-148-3722	Clamp, Loop (96906) MS21919-WCG6										
5305-00-059-3661	Screw, Pan Head #10-32 UNF-2A x.75 long, (96906) MS51958-65				8						
	Detector Belt Assembly, Aircraft										
	Segment No. 2 (19200) 9339539										
	Detector Belt Assembly, Aircraft										
	Segment No. 3 (19200) 9339540										
	Detector Belt Assembly, Aircraft										
	Segment No. 4 (19200) 9339541										
	Indicator Assembly, Simulator System, Laser:				1						
	Kill, Hit, Miss (19200) 9339396										
	Installation Kit, UH-1H (19200) 9339416				1						
	Transit Case Assembly, UH-1H (19200) 9339561				1						
	Operator's Manual, TM 9-1270-224-10				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>	<i>g.</i> QUANTITY					
						A	B	C	D	E	F
	Basic Issue Items (BII)										
	NOT APPLICABLE										
	Additional Authorization List (AAL)										
1265-01-092-0891	Controller's Sun, Simulator System,	N	U	EA	1						
	Laser (19200) 11748811										
	MILES System Test Set (19200) 9358670				1						
5120-00-243-9401	Roller, Hand (24617) 6523520	D	M	EA	1						

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TM 9-1270-224-10-HR

By Order of the Secretary of the Army:

Official:

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

ROBERT M. JOYCE  
*Major General, United States Army*  
*The Adjutant General*

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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

## 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

To change	To	Multiply by	To change	To	Multiply by
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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