

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: M80

NSN 1270-01-165-6240

FOR

AH- 1S HELICOPTER

**H E A D Q U A R T E R S , D E P A R T M E N T O F T H E A R M Y
O C T O B E R 1 9 8 4**

Hand Receipt

TM 9-1270-223-10-HR

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C.,
9 October 1984

HAND RECEIPT

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

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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
MILES SYSTEM FOR THE AH-1S 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): AH-1S 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 9-1270-223-10.

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, M D 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, BII, 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.</i> <i>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 FOR AH-1S HELICOPTER	PUBLICATION NUMBER TM 9-1270-223-10	PUBLICATION DATE	QUANTITY
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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	
	Components of End Items (COEI)											
	Adapter Assembly, 20 mm Transmitter (19200) 9339847				1							
	Adapter Assembly, Cockpit Kill Indicator (19200) 9339399-1				1							
	Adapter Assembly, Simulator, Weapon Fire (19200)9339391-1				1							
	Adapter Assembly, Simulator System, Laser: Console (19200) 9340060				1							
	Adapter Set, Simulator System, Laser: AH-1S Helicopter (19200) 9339547				1							
	Line Item/Part Number 9339547 consists of the following components:											
	Bracket, Spacer Assy (19200)9340068				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).
 EDITION OF JAN 58 IS OBSOLETE.

PAGE 1 OF 5 PAGES.

DA FORM 2062
 JAN 82

STOCK NUMBER a.	ITEM DESCRIPTION b.	★ c	SEC d.	UI e.	QTY AUTH f	g. QUANTITY					
						A	B	C	D	E	F
5340-01-148-3722	Cable Assembly, AKI/Smoke - ALCA INTFC (19200)9339994				1						
	Cable Assembly, Constraint Override-TS. (.19200)9339992				1						
	Cable Assembly, CKI-ALCA INTFC (19200)9339838				1						
	Cable Assembly, Headset-CKI (19200)9340056-3				2						
	Cable Assembly, Launcher-ALCA INTFC (19200)9339800				2						
	Cable Assembly, Launcher-TOW Detector ACFT TOW INTFC (19200)9339598				2						
	Cable Assembly, Sail Detector-ALCA INTFC (19200)9339993				1						
	Cable Assembly, 20 IMM Cannon ALCA-INTFC-SAW-ACFT (19200)9339797				1						
	Clamp, Loop (96906)MS21919 -WCC5				11						
	Clamp, Loop (96906)MS21919 -wcr6				10						
	Clamp, Loop (96906)MS21919 -WC(ii				2						
	Clamp, Loop (96906)MS21919.-WCG113				4						
	Grommet, Cable (19200)9339921				1						
	Paddle, Rocket Alignment (19200)9340075				1						
	Plate, Floor (19200)9340132				1						
Plunger Assembly (19200)9344580				1							

STOCK NUMBER a.	ITEM DESCRIPTION b.	★ c	SEC d.	UI e.	QTY AUTH f	g. QUANTITY					
						A	B	C	D	E	F
5305-00-054-6671	Retainer, Sail Detector (19200)9339926				1						
5305-00-059-3661	Screw, Pan Head #8-32 UNC-2A X .625 LG (96906)MS51957-46				4						
5305-00-059-3661	Screw, Pan Head #10-32 UNF-2A X .750 LG (96906)MS51958-65				46						
5305-00-059-3664	Screw, Pan Head #10-32 UNF-2A X 1.25 LG (96906)MS51958-68				8						
	Spacer, Launcher Assembly (19200)9344759				2						
	Control Panel, Simulator System, Laser: TOW Program Interrupt (19200)9339937				1						
	Detector Assembly, TOW Launch Rack (19200)9339537				2						
	Detector Belt Assembly, Aircraft Segment No. 1 (19200)9339538				1						
	Indicator Assembly, Simulator System Laser: KILL, HIT, MISS (19200)9339396				1						
	Installation Kit, AH-1S Helicopter (19200)9339415				1						
	Launcher Assembly, Simulator System Laser: Aircraft Weapon (19200)9339545				2						
	Manual. Operator's TM 9-1270-223-10				1						

STOCK NUMBER a.	ITEM DESCRIPTION b.	★ c	SEC d.	UI e.	QTY AUTH f	g. QUANTITY					
						A	B	C	D	E	F
	Transit Case Assy, AH-1S Adapter (19200) 9344556				1						
	Transit Case Assy, Detector Assy, TOW Launch Rack, AH-1S (19200)9339568				1						
	Transit Case Assy, Equipment, AH-1S (19200)9339603				1						
	Transit Case Assy, Launcher Assy, AH-1S (19200)9339560				2						
	Basic Issue Items (BII) NOT APPLICABLE										
	Additional Authorization List (AAL)										
4931-01-064-3530	AH-1 Universal Boresight Kit (19203)11830730	D	U	A	1						
1005-01-076-8329	Adapter, Muzzle, 20 MM (19203)11830731	X	U	EA	1						
5960-01-155-5478	Alignment Device, Laser Transmitter, Multiple Range (19200)9339389	N	U	EA	1						
1270-01-159-014SC	Control Assembly, Simulator System, Laser Alignment (19200)9339939	N	U	EA	1						
1265-01-092-0891	Controller's Gun, Simulator System, Laser (19200)11748811	N	U	EA	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>	g. QUANTITY					
						A	B	C	D	E	F
1265-01-075-4893	Detector Assembly, Simulator System, Man Worn (19200)11748808	X	T	EA	1						
	MILES System Test Set (19200)9358670				1						
	Telescope, Boresight (05606)125C921				1						
5120-00-243-9401	Hand Roller (24617)6523520	D	X	EA	1						

By Order of the Secretary of the Army:

JOHN A. WICKHAM, JR.
General, United States Army


Official:

Chief of Staff

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

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RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS

 <div style="border: 1px solid black; border-radius: 15px; padding: 5px; display: inline-block; margin-left: 20px;"> <p style="margin: 0;"><i>THEN...JOT DOWN THE DOPE ABOUT IT ON THIS FORM. CAREFULLY TEAR IT OUT, FOLD IT AND DROP IT IN THE MAIL.</i></p> </div>		SOMETHING WRONG WITH PUBLICATION	
		FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)	
		DATE SENT	
PUBLICATION NUMBER		PUBLICATION DATE	PUBLICATION TITLE
IN THIS SPACE, TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT.			
BE EXACT PIN-POINT WHERE IT IS			
PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.
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 decagram = 10 grams = .35 ounce
 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 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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