

**H A N D   R E C E I P T**

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

**F O R**

**TARGET SET, AZIMUTH LAYING  
(WILD HEERBRUGG MODEL 242406)  
NSN 6675-00-065-7502  
(WILD HEERBRUGG MODEL USATS-79)  
NSN 6675-01-115-0404**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY**

**1 FEBRUARY 1984**

HAND RECEIPT

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

FOR

TARGET SET, AZIMUTH LAYING  
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REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistake 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 this back of this manual direct to: Commander, U.S. Army Troop Support Command, ATTN: DRSTR-MPSD, 4300 Goodfellow Boulevard, St. Louis, MO 63120. A reply will be furnished directly 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 Target Set, Azimuth Laying.

2. **GENERAL.**

a. Section II is the overprinted DA Form 2062 which lists the content of COEI, BII, and AAL extracted from Target Set, Azimuth Laying. The listings consist of exactly the same items and are in the same sequence as those listings in TM 5-6675-302-14&P.

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 AR710-2.

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 of this publication may be requisitioned from: Commander, US Army AG Publications Center, 2800 Eastern Boulevard, Baltimore, MD 21220.

**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 requirements status of all line item entries via column c. 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 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 areas 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 manual.

(3) Additional Authorization List (AAL) items are authorized by appropriate MTOE, TDA, CTA, or JTA authorization documents.

**4. SPECIAL INFORMATION.** (AS applicable).

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						
	6675-00-065-7502	Target Set, Azimuth Laying	TM5-6675-302-14&P	25 FEB 82	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>	QUANTITY <i>g.</i>					
	(Wild Heebrugg Model 242406)					A	B	C	D	E	F
6675-00-065-8525	Illumination Assembly W/Reflector			1							
6675-00-065-8524	Target Assembly			1							
6675-00-065-8527	Tribrach Assembly			1							
6675-00-486-3780	Case, Carring			1							
	Battery Box Assembly containing the following:										
6675-00-997-4340	Box Assembly, Battery			1							
6675-00-961-9686	Adapter Assembly			1							
6675-00-997-4335	Lamp Assembly			1							
6135-00-937-4118	Battery, Dummy			1							
6675-00-997-4341	Cable Assembly, connecting			1							
	Tripod Assey, Extension Leg, consisting of the										
	following:										
6675-00-641-3572	Tripod Assembly			1							
6675-00-937-3838	Accessory Case			1							
5210-00-353-4130	Plumb Bob Assy., W/Adjuster	N		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)											

Section II. HAND RECEIPT

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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
6240-00-859-5936	Lamps (89905) HEG3-2	N		4							

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					
	6675-01-115-0404	Target Set, Azimuth Laying	TM5-6675-302-14&P	25 FEB 82		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>	QUANTITY <i>g.</i>					
						A	B	C	D	E	F
	(Wild Heebrugg Model USATS-79)				1						
	Target Plate Assembly (89905) 367555	N			1						
	Target Plate Carrier (89905) 319350	N			1						
	Light Concealing Hood (89905) 394984	N			1						
	Reflector (89905) 368435	N			1						
	Tribrach Assembly (89905) 319606	N			1						
	Case, Target Set (89905) 398474	N			1						
	Battery Box Assy. containing the following:										
	Box Assy. Battery (89905) 308574	N			1						
6675-00-961-9686	Adapter Assy., Eyepiece	N			1						
	Handlamp Assembly (89905) 369364	N			1						
6135-00-937-4118	Battery, Dummy	N			2						
	Lamp Assy., Screw-in (89905) 199895	N			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>	*	SEC	UI	QTY AUTH	QUANTITY <i>g.</i>									
						<i>c.</i>	<i>d.</i>	<i>e.</i>	<i>f.</i>	A	B	C	D	E	F
	Tripod Assy., Extension Let, consisting of the following:														
	Tripod Assembly (89905) 312994	N		1											
	Plumb Bob Assy. (89905) 319010	N		1											
	Case, Accessory (89905) 319164	N		1											
6240-00-859-5936	Lamps	N		4											

**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*

**DISTRIBUTION:**

**To be distributed in accordance with DA Form 12-25A, Operator Maintenance requirements for Surveying.**



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DOPE ABOUT IT ON THIS FORM.  
CAREFULLY TEAR IT OUT, FOLD IT  
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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

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# 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	1.365	metric tons	short tons	1.102
pound-inches	newton-meters	.11375			

## Temperature (Exact)

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