

**HAND RECEIPT**

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

**FOR**

**TOPOGRAPHIC SUPPORT SYSTEM**

**PRESS SECTION**

**MODEL TEAD-TSS-21**

**3610-01-105-1744**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY**

**30 NOVEMBER 1987**



Hand Receipt  
TM 5-3610-287-10-HR

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, D.C., 30 November 1987

HAND RECEIPT

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

FOR

TOPOGRAPHIC SUPPORT SYSTEM

PRESS SECTION

MODEL NO. TEAD-TSS-21

3610-01-105-1744

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistake or if you know of away 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 direct to: Commander, U.S. Army Troop Support Command, ATTN:AMSTR-MCTS, 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798. A reply will be furnished directly to you.

TABLE OF CONTENTS

	Page
Section I. Introduction . . . . .	1
Section II. Hand Receipt . . . . .	4



HAND RECEIPT FOR CONTENTS OF  
COMPONENTS OF END ITEM (COEI), BASIC ISSUE ITEMS (BII), AND  
ADDITIONAL AUTHORIZATION LIST ITEMS FOR  
TOPOGRAPHIC SUPPORT SYSTEM  
PRESS SECTION

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 Topographic Support System Press Section.

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 5-3610-287-10. The listings consist of exactly the same items and are in the same sequence as those listings in TM 5-3610-287-10.

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 ARc 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 of this publication may be requisitioned from:

U.S. ARMY ADJUTANT GENERAL PUBLICATIONS CENTER  
2800 Eastern Boulevard  
Baltimore, MD 21220-2896

See DA Pamphlet 310-10-2 for proper requisitioning procedure.

3. EXPLANATION OF BLOCKS AND COLUMNS (DA FORM 2062). Refer to chapter 2, AR 710-2. 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 the description column for each item: i.e., the first entry in the description column 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 or less and 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

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>		*	SEC <i>d</i>	UI <i>e</i>	QTY AUTH <i>f</i>	QUANTITY <i>g</i>					
							A	B	C	D	E	F
3610-01-105-1744	(N) Topographic Support System											
	Press Section											
	Components of End Items (COEI)											
4120-00-974-7206	(N) Air Conditioner/Heater (97403) 13216E6120				EA	2						
	(N) Cabinet Assembly, GTO Storage (97403) 13227E732				EA	1						
	(N) Box Assembly, Plate Storage (97403) 13226E7894				EA	1						
2590-00-134-0848	(N) Cable Assembly, Special Purpose (19207) 11601641				EA	1						
7240-00-244-7412	(N) Can, Safety, .25 Cal (81348) RR-S-30				EA	2						
<p>* 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)</p>												

TM 5-3610-287-10-HR

STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>h.</i>	*	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	R. QUANTITY					
						A	B	C	D	E	F
7240-00-240-6958	(N) Can, Safety Waste, 5 Gal (81348) RR-S-30			EA	1						
7240-00-282-8411	(N) Can, Safety, 6 Gal (81348) RR-C-144 Type 1, Size 6			EA	2						
7240-00-139-7521	(N) Can, Waste, 40 Gal (81348) L-W-25, Class A, Size 1			EA	1						
	(N) Cover, Roller Rack (97403) 13226E7832			EA	1						
	(N) Crank, Hand (73830) T33772-1			EA	1						
	(N) Extinguisher, Fire (54905) 417T003311			EA	2						
	(N) Floor, Removable Section (51225) 54-0194			EA	2						
5120-00-013-1676	(N) Hammer Assembly, Slide (45225) P74-144			EA	1						
	(N) Ladder Assembly, Boarding (97403) 13225E3074			EA	2						
	(N) Ladder, Folding (39428) 8028T16			EA	1						
6650-00-477-9613	(N) Light, Magnifier (81348) LFMIA5			EA	1						
	(N) Mat, Floor (Tile, Deck) (97403) 13227E6256-1-2			EA	2						
	(N) Pump, Auxiliary (97403) 13226E7000			EA	1						
5975-00-878-3791	(N) Rod, Assembly, Ground (81348) W-R-550A Type 3, Class 8 Consisting of:			EA	1						
5999-00-186-3912	(N) Clamp			EA	1						
5975-00-924-9927	(N) Stud, Driving (Bolt, Impact)			EA	1						
5975-00-794-2523	(N) Rod Sections with Couplings			EA	3						
6145-00-189-6695	(N) Wire, No. 6 AWG			EA	1						





STOCK NUMBER <i>a</i>	ITEM DESCRIPTION <i>b</i>	*	SEC <i>d</i>	UI <i>e</i>	QTY AUTH <i>f</i>	QUANTITY <i>g</i>					
						A	B	C	D	E	F
4720-00-202-6483	(N) Cord, Electrical, 25 Foot			EA	1						
	(N) Hooks, Tow (Tandemlock, Inc) 74016B-L			EA	4						
4720-00-202-6483	(N) Hose Assembly, Nonmetallic, 25 Foot (81348)			EA	1						
	ZZ-W-561										
4720-00-202-6722	(N) Hose Assembly, Nonmetallic, 50 Foot			EA	1						
	(N) Hose with Coupling, Drain (96906) H39NS27025-5			EA	1						
6230-00-901-9755	(N) Light, Extension (81348) W-L-661			EA	1						
	Manuals, Technical										
TM 5-3610-286-10	(N) Operator's Manual, TSS Press Section Printing			EA	1						
	Press										
TM 5-3610-287-10	(N) Operator's Manual, TSS Press Section			EA	1						
TM 5-4120-367-14	(N) Operator's, Organizational, Direct Support, and			EA	1						
	General Support Maintenance Manual, Air										
	Conditioner										
TM 5-2330-305-14	(N) Operator's, Organizational, Direct Support, and			EA	1						
	General Support Maintenance Manual, TSS Chassis,										
	Semitrailer										
LO 5-3610-287-12	(N) Lubrication Order, TSS Press Section			EA	1						
LO 5-3610-286-12	(N) Lubrication Order, TSS Press Section Printing			EA	1						
	Press										
LO 5-2330-305-12	(N) Lubrication Order, TSS Chassis, Semitrailer			EA	1						

<b>HAND RECEIPT/ANNEX NUMBER</b> <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 3610-01-105-1744	END ITEM DESCRIPTION TSS PRESS SECTION	PUBLICATION NUMBER TM 5-3610-287-10			PUBLICATION DATE			QUANTITY		
STOCK NUMBER <i>a</i>	ITEM DESCRIPTION <i>b</i>	*	SEC <i>d</i>	UI <i>e</i>	QTY AUTH <i>f</i>	QUANTITY <i>g</i>					
						A	B	C	D	E	F
4930-00-141-8703	(N) Oiler, Hand, 16 OZ (81348) GGG-0-591			EA	1						
5340-00-682-1505	(N) Padlock Set (38797) MS21313-52			EA	1						
4730-00-293-7883	(N) Pipe End, 3/4 IN. NPT - 12 NPT INTERNAL			EA	1						
5120-00-233-7396	(N) Pliers, Slip-Joint (81348) GGG-P-471			EA	1						
4730-00-277-6929	(N) Reducer, Pipe, 3/4 In. - 14 NPT x 1/2 IN. - 14 NPT			EA	1						
4730-00-277-6933	(N) Reducer, Pipe, 1 In. - 11-1/2 NPT x 3/4 IN. - 14 NPT			EA	1						
4730-00-277-6935	(N) Reducer, Pipe, 1-1/4 In. - 11-1/2 NPT x 3/4 IN.- 14 NPT			EA	1						
4730-00-231-5661	(N) Reducer, Pipe, 1-1/2 IN. - 11-1/2 NPT x 3/4 IN. - 14 NPT			EA	1						
4730-00-277-5539	(N) Reducer, Pipe, 2 IN. - 11-1/2 NPT x 3/4 IN. - 14 NPT			EA	1						
4730-00-277-5536	(N) Reducer, Pipe, 3 IN. - 8 NPT X 1-1/2 IN. - 11-1/2 NPT			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)											

TM 5-3610-287-10-HR

STOCK NUMBER <i>a</i>	ITEM DESCRIPTION <i>b</i>	*	SEC <i>d</i>	UI <i>e</i>	QTY AUTH <i>f</i>	QUANTITY <i>g</i>					
						A	B	C	D	E	F
7520-00-295-6170	(N) Repointer, Pencil (75361) 234			EA	1						
5120-00-764-8080	(N) Screwdriver, Cross-Tip No. 1 (10670) 2751 and			EA	1						
5120-00-764-8102	(N) No. 3 (10670) 2753			EA	1						
5120-00-234-8910	(N) Screwdriver, Flat-Tip, 1/8 IN. (72368) 2143-6			EA	1						
5110-00-162-2207	(N) Shears, Straight Trimmers, 12 In. Long (81348)			EA	1						
	GGG-S-278										
	(N) Strainer, Hose			EA	1						
5120-00-240-5328	(N) Wrench, Adjustable, Size 8 (81348) GGG-W-631			EA	1						
5120-00-081-2305	(N) Wrench Set, Socket (81348) GGG-W-641			EA	1						
	Additional Authorization List (AAL) Items										
	(N) Generator Set, Diesel Engine, 30KW 60HZ,			EA	1						
	Trailer Mounted on M-200A1 PU-406										
	(55820) MEP404B										





**By Order of the Secretary of the Army:**

**Official:**

**MILDRED E. HEDBERG**  
*Brigadier General, United States Army*  
*The Adjutant General*

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

DISTRIBUTION:

To be distributed in accordance with DA Form 12-25A, Organizational Maintenance Requirements for Paper Conditioning Section, Topographic Support System, Model ADC-TSS-15.







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 THIS PUBLICATION?

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)  
**PFC JOHN DOE**  
**COA, 3d ENGINEER BN**  
**FT. LEONARDWOOD, MD 63108**  
 DATE SENT

PUBLICATION NUMBER: **TM 5-3610-287-10-HR**  
 PUBLICATION DATE: **6 Jan 86**  
 PUBLICATION TITLE: **Topographic Support System, Press Section**

BE EXACT PIN-POINT WHERE IT IS

PAGE NO	PARA-GRAPH	FIGURE NO	TABLE NO
<b>6</b>	<b>2-1 a</b>		
<b>B1</b>		<b>4-3</b>	
<b>125</b>	<b>line 20</b>		

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

*In line 6 of paragraph 2-1a the manual states the engine has 6 cylinders. The engine on my set only has 4 cylinders. Change the manual to show 4 cylinders.*

*Callout 16 on figure 4-3 is pointing at a bolt. In key to figure 4-3, item 16 is called a shim - Please correct one or the other.*

*I ordered a gasket, item 19 on figure B-16 by NSN 2 910-00-762-3001. I got a gasket but it doesn't fit. Supply says I got what I ordered, so the NSN is wrong. Please give me a good NSN*

PRINTED NAME GRADE OR TITLE AND TELEPHONE NUMBER  
**JOHN DOE, PFC (268) 317.7111**

SIGN HERE *John Doe*  
**JOHN DOE**

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PUBLICATION TITLE Topographic Support System, Press Section

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:

PRINTED NAME GRADE OR TITLE AND TELEPHONE NUMBER

SIGN HERE

DA FORM 2028-2  
1 JUL 79

PREVIOUS EDITIONS ARE OBSOLETE.  
DRSTS-M Overprint 2, 1 Nov 80.

P.S.--IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR RECOMMENDATION MAKE A CARBON COPY OF THIS AND GIVE IT TO YOUR HEADQUARTERS

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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	1.356	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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