

**HAND RECEIPT**

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

**FOR**

**COMMON BRIDGE TRANSPORTER (CBT)**

**M1977**

**NSN 2320-01-443-8023 W/W**

**EIC: DV4**

**NSN 2320-01-442-1940 WO/W**

**EIC: DVZ**

**AND**

**BRIDGE ADAPTER PALLET (BAP)**

**M15**

**NSN 3990-01-442-1939**

**EIC: DVS**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY**

**15 JULY 1999**

Hand Receipt  
TM 5-5420-234-10-HR

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, D.C., 15 July 1999

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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 procedures, please let us know. Submit your DA form 2028-2 (Recommended Changes to Publications and Blank forms), through the Internet, on the Army Electronic Product Support (AEPS) website. The Internet address is <http://aeps.ria.army.mil>. If you need a password, scroll down and click on "ACCESS REQUEST FORM". The DA Form 2028 is located in the ONLINE FORMS PROCESSING section of AEPS. Fill out the form and click SUBMIT. Using this form on AEPS will enable us to respond quicker to your comments and better manage the DA Form 2028 program. You may also mail, fax or email your letter, DA Form 2028, or DA Form 2028-2 direct to: Commander, U.S. Army Tank-Automotive and Armaments Command, ATTN: AMSTA-LC-CI (TECH PUBS CONTROL POINT), Rock Island, IL 61299-7630. The email address is [amsta-lc-ci@ria.army.mil](mailto:amsta-lc-ci@ria.army.mil). The fax number is DSN 793-0726 or Commercial (309) 782-0726.

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**HAND RECEIPT**  
**COVERING**  
**CONTENTS OF COMPONENTS OF END ITEM (COEI),**  
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**AND ADDITIONAL AUTHORIZATION LIST (AAL)**  
**FOR**  
**COMMON BRIDGE TRANSPORTER (CBT)**

**Section I. INTRODUCTION**

**1. SCOPE.**

This publication provides an overprinted DA Form 2062 (Hand Receipt) which lists the contents of COEI, BII and ALL items related to the Common Bridge Transporter (CBT).

**2. GENERAL.**

- a. Section II contains the overprinted DA Form 2062 that lists the end item entry for System/End item and contents of COEI, BII and AAL extracted from TM5-5420-234-14&P. The listings consist of exactly the same items and are in the same sequence as those listings in TM5-5420-234-14&P.
- b. The overprinted DA Form 2062 will eliminate the manual preparation of the form and will assist organizations in inventorying and accounting for property as required by DA PAM 710-2.
- c. Local reproduction of the 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 the U. S. Army Publications Distribution Center, 1655 Woodson Road, St. Louis, MO 63114 in accordance with Chapter 3, DA PAM 25-30.

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

Refer to DA PAM 710-2-1. Additional information required to complete DA Form 2062 is as follows:

- a. Hand receipts shall identify the accounting requirement status of all item entries via the description column to each item: i.e., the first entry in the description column shall be the line items Expendability (EXP)/Accounting Requirements (ARC), in parenthesis, 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 FSCs 5110, 5120, 5130, 5140, 5180, 5210, and 5280; and any other nonconsumable with a price in excess of \$50.00 and not already "N".
  - (X) for Expendable: Items, regardless of type classification or price, 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) COEI are authorized by the applicable Repair Parts and Special Tools List (RPSTL).**
- (2) BII are authorized by the applicable Operator's Manual.**
- (3) AAL items are authorized by appropriate MTOE, TDA, CTA or JTA authorization documents.**

<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
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FOR ANNEX/CR ONLY	END ITEM STOCK NUMBER See Series Below	END ITEM DESCRIPTION Common Bridge Transporter (CBT)	PUBLICATION NUMBER TM 5-5420-234-14&P	PUBLICATION DATE 15 July 1999	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
2320-01-443-8023	COMMON BRIDGE TRANSPORTER (CBT) M1977 W/WINCH			EA	1						
2302-01-442-1940	COMMON BRIDGE TRANSPORTER (CBT) M1977 W/O WINCH			EA	1						
3990-01-442-1939	BRIDGE ADAPTER PALLET (BAP) M15			EA	1						
	Components of End Item (COEI)										
	NOT APPLICABLE										
	Basic Issue Items (BII)										
6220-01-456-2746	AUX LIGHT BAR KIT (in LH HEMTT stowage box) (33287) J-43178			EA	1						
	CABLE, RCU (45152) 3055065			EA	1						
	CONTROL BOX, REMOTE (0ENJ2) DA-00E-900			EA	1						
5120-00-224-1390	CROWBAR (80064) 1833244			EA	1						
2040-00-007-1136	HOOK, BOAT (97403) 13216E9929			EA	1						
4720-01-341-4913	HOSE, SLAVE (LH stowage box) (45151) 1789130			EA	1						
6230-01-364-8663	LAMP, MODIFIED HAND (45152) 1779170 (SPOTLIGHT)			EA	1						
5420-01-045-1770	PIN LATCH ASSEMBLY (97403) 13218E4360			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 5-5420-234-10-HR

STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	*	SEC	UI	QTY AUTH <i>f.</i>	QUANTITY <i>g.</i>					
						A	B	C	D	E	F
	(BII) - Continued										
4020-00-018-218	ROPE FIBROUS (81349) T-R-605			EA	1						
TBD	ROPE, LANYARD ASSEMBLY (31902) A4810490			EA	1						
5340-000-340-098	STRAP, ELASTIC (13435) 13013			EA	1						
TBD	TOOL, FREE-FLOW (45152) 3063145			EA	1						
TBD	TOOL, SOLENOID (45152) 3063140			EA	1						
5420-01-030-5815	WRENCH, BAY DRIVE (97403) 13218E4347			EA	1						
	Additional Aurtherizarion List (AAL)										
	NOT APPLICABLE										

By Order of the Secretary of the Army:

Official:

  
JOEL B. HUDSON  
*Administrative Assistant to the  
Secretary of the Army*  
9914806

ERIC K. SHINSEKI  
*General, United States Army  
Chief of Staff*

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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

## 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

**PIN: 077341-000**