

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

FOR

**IMPROVED FLOAT BRIDGE
(RIBBON BRIDGE)**

CONSISTING OF

TRANSPORTER

MODEL CONDEC 2280	NSN 5420-00-071-5321
MODEL CONDEC 2305	NSN 5420-01-173-2020
MODEL PACAR 9999	NSN 5420-01-173-6523
MODEL SOUTHWEST RBT	NSN 5420-01-175-6524

INTERIOR BAY

MODEL CONDEC 2282	NSN 5420-00-071-5322
MODEL SPACE 66981	NSN 5420-00-175-6526
MODEL CONDEC 2306	NSN 5420-00-174-8084

RAMP BAY

MODEL CONDEC 2281	NSN 5420-00-497-5276
MODEL CONDEC 2307	NSN 5420-00-173-2022
MODEL SPACE 6698R	NSN 5420-00-173-6525

Approved for public release; distribution is unlimited.

*This manual supersedes TM 5-5420-209-12-HR, dated 24 July 1981.

HEADQUARTERS, DEPARTMENT OF THE ARMY

9 January 1992

TECHNICAL MANUAL
TM 5-5420-209-10-HR

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 9 January 1992

HAND RECEIPT

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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) directly to: Commander, U.S. Army Troop Support Command, ATTN: AMSTR-MMTS, St. Louis, MO 63120-1798. A reply will be furnished directly to you.

TABLE OF CONTENTS

Section I.	INTRODUCTION	Page 1 ..
Section II.	HAND RECEIPT	5 ..

*This manual Supersedes TM 5-5420-209-12-HR, dated 24 July 1981.

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 (AAL) items related to the Improved Float Bridge (Ribbon Bridge).

2. GENERAL

a. Section II is the over printed DA Form 2062 which lists the line item entry for system/end item and the content of COEI, BII, and AAL extracted from TM 5-5420-209-12. The listings consist of exactly the same items and are in the same sequence as those listings in TM 5-5420-209-12.

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 will 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 U.S. Army Publications Distribution Center, 2800 Eastern Boulevard, Baltimore, MD 21220-2896, in accordance with Chapter 12, AR 25-30.

3. EXPLANATION OF BLOCKS AND COLUMNS (DA FORM 2062). Refer to DA Pam 710-2-1, Chapter 6, for additional information required to complete DA Form 2062.

- a. From. Enter the organization, unit, section or squad which issues the property.
- b. TO. Enter the Unit Identifier Code (UIC) and the hand receipt file number of the unit/personnel receiving the property.
- c. HAND RECEIPT NUMBER. Enter a locally designated number. Use it to post the location of property in the property book.
- d. END ITEM STOCK NUMBER. Contains the National Stock Number (NSN) of the end item covered by the hand receipt.
- e. END ITEM DESCRIPTION. Contains the end item short title.
- f. PUBLICATION NUMBER. Contains the TM number of the technical manual containing the operator/crew instructions for the equipment.
- g. PUBLICATION DATE. Date of the operator/crew technical manual.
- h. Quantity. Quantity of the end item covered by this hand receipt.
- i. STOCK NUMBER (column a). National stock number of the item described. Items without stock numbers should be requisitioned by Commercial and Government Entity Code (CAGEC) and part number with exception data in accordance with AR 710-2.
- j. ITEM DESCRIPTION (column b). Enter a description of the end item, to include the make or model, and the serial/USA number, followed by item description of COEI, BII, and AAL items. In addition, it will contain the 5-digit Commercial and Government Entity Code (CAGEC), Part Number (P/N), and Used on Code, if applicable.
- k. *(column c). The accounting requirements code (ARC) is provided here. One of the following ARC's will apply:

NOTE

The Accounting Requirements Code (ARC) refers to property accountability, not the Recoverability Code (RC). The ARC and the RC are listed in the Army Master Data File (AMDF).

N—Nonexpendable: Items not consumed in use, retaining their identity during use, and requiring that accountability be maintained throughout the life of the item.

D-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 non-consumable with a price in excess of \$50.00 not already "N".

X—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".

1. SEC (column d). The Controlled Inventory Item Code (formerly SEC code) is entered here. This is a one-position code which indicates the security classification, security risks, or pilferage controls required for storage or transportation of assets. Order of precedence for assignment of codes is classified, sensitive, pilferable, unclassified, as applicable. Codes applicable to this hand receipt areas follows:

SEC CODE	CONTROLLED INVENTORY ITEM CODE
U	UNCLASSIFIED PILFERABLE ITEMS
M	Handtools and shop equipment
J	Pilferable item due at its size, shape and utility, which does not fall under one of the above categories. Pilferage controls maybe designated by the coding activity to items coded U (unclassified) by recording the items to J

m. UI (column e). Unit of Issue. Refer to AR 708-1 and/or CDA Pam 18-1 (Catalog Data Activity) for explanation of abbreviations used in this column.

n. QTY AUTH (column f). The quantity authorized to be on hand, or part of the end item.

o. QUANTITY (column g). Actual quantity on hand. Subcolumns A through F are to be filled in by the receiving unit/personnel in accordance with DA Pam 710-2-1, chapter 6.

p. PAGE 1 OF 3 PAGES. Contains page number and total number of pages for the COEI, BII, and AAL portions of the hand receipt. Hand receipt holder will initial each page No. (only when two or more forms are involved). When hand receipt holders change, the old initials will be lined out and the new hand receipt holder will initial each page.

4. AUTHORIZATION DOCUMENTS.

a. Components of End Item (COEI) are authorized by the applicable Repair Parts and Special Tools List (RPSTL).

b. Basic Issue Items (BI) are authorized by the applicable operator's manual.

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

5. **SPECIAL INFORMATION.** Items coded (.) indicate information is not available.

HAND RECEIPT/ANNEX NUMBER For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.		FROM:	TO:				HAND RECEIPT NUMBER					
FOR ANNEX/CR ONLY	END ITEM STOCK NUMBER See Cover	END ITEM DESCRIPTION Improved Float Bridge	PUBLICATION NUMBER TM 5-5420-209-12			PUBLICATION DATE 5 May 1980	QUANTITY					
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
	COMPONENT OF END ITEM (COEI)											
	NOT APPLICABLE											
	BASIC ISSUE ITEMS (BII)											
2040-00-255-6071	Boat Hook MIL-H-3496 (81349) UOC: BWH, CYJ, DBE, DTN.		(D)			1						
	Stored on Transporter Walkway											
5420-01-030-5815	Winch, Bay Drive Pin 13218E4347 (97403) UOC: BWJ, BWK, CYH,		(D)			1						
	CYG, DBF, DBG, Stored on Transporter Cab Protector,											
	Passenger Side											
3990-00-552-7653	Tool, Ramp Connecting 13219E4259 (97403) UOC: BWJ, BWK,		(D)			1						
	CYH, CYG, DEF, DBG, Stored in Ramp Bay Equipment Box											
5120-01-014-6298	Tool, Roadway Ponton, Connecting 13220E4370 (97403) UOC:		(D)			1						
	BWJ, BWK, CYH, CYG, DEF, DBG, Stored in Ramp Bay											
	Equipment Box											
5120-00-224-1390	Crowbar GGG-B-101 (81348) UOC: BWH, CYJ, DBE, DTN,		(D)			1						
	Stored on Transporter Cab Protector, Driver Side											

* 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 5-5420-209-10-HR

6

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
	BII CONTINUED										
5120-00-277-1236	Wrench, Open End GGG-W-636 (81348) UOC: BWH, CYJ, DBE, DTN, Stored in Vehicle OVE Box	(D)			1						
5420-01-045-1770	Pin, Latch Assembly 13218E4360 (97403) UOC: BWJ, BWK, CYH, CYG, DBF, DBG, Stored in Vehicle OVE Box	(E)			1						
4020-00-968-1357	Rope, Fibrous, Nylon MIL-R-17343 (81349) UOC: BWH, BWJ, BWK, CYH, CYG, CYJ, DBE, DBF, DBG, DTN, Stored in OVE Box	(E)			1						
4020-00-106-9361	Rope, Fibrous, Manila MIL-R-24059 (81349) UOC: BWH, BWJ, BWK, CYH, CYG, CYJ, DBE, DBF, DBG, DTN, Stored in Vehicle OVE Box	(E)			1						
7510-00-889-3494	Binder, Looseleaf MIL-B-43064 (19207)	(E)			1						
TM5-5420-209-12	Technical Manual, Operator and Unit Maintenance, Improved Float Bridge (Ribbon Bridge)	(E)			1						
TM5-2090-200-12&P	Technical Manual, Operator and Unit Maintenance, Cradle, Bridge Erection Boat	(E)			1						
TM9-2320-260-10	Technical Manual, Operator, Truck, 5 Ton, 6 X 6, M809 Series	(E)			1						
TM9-2320-272-10	Technical Manual, Operator and Unit Maintenance Truck, 5 Ton, 6 X 6, M939 Series	(E)			1						

TMS 5-5420-209-10-HR

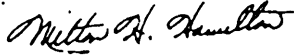
HAND RECEIPT/ANNEX NUMBER <i>For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.</i>		FROM:	TO:	HAND RECEIPT NUMBER							
FOR ANNEX/CR ONLY	END ITEM STOCK NUMBER See Cover	END ITEM DESCRIPTION Improved Float Bridge	PUBLICATION NUMBER TM 5-5420-209-12	PUBLICATION DATE 5 May 1980	QUANTITY						
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
ADDITIONAL AUTHORIZATION LIST (AAL)											
4930-00-288-1511	Adapter, Grease Gun, MIL-L-4387, Type 4, Class 2 (81349) UOC:	(D)			1						
	BWH, BWK, BWJ, CYH, CYG, CYJ, DBE, DBF, DBG, DTN,										
	Stored in Vehicle OVE Box										
4930-00-253-2478	Grease Gun, Type 1, MIL-G-3859 (81349) UOC: BWH, BWK, BWJ,	(D)			1						
	CYH, CYG, CYJ, DBE, DBF, DBG, DTN, Stored in OVE Box										
5140-00-772-4142	Bag, Tool, Cotton Duck, 10 X 20 in. with Flap, 2-3-170 (81337)	(E)			1						
	UOC: BWH, CYJ, DBE, DTN, Stored in Vehicle OVE Box										
5120-00-316-9217	Wrench, Wheel Stud Nut, Str Dbl Socket, Type 2, Size 1, No. 2	(D)			1						
	Length, MIL-W-43105 (81349) UOC: BWH, CYJ, DBE, DTN,										
	Stored in Vehicle OVE Box										
5120-00-223-7398	Pliers, Combination, Slip-Joint, Straight Nose w/Cutter, 10 inch Long,	(D)			1						
	MS15382-2 (96906) UOC: BWH, CYJ, DBE, DTN, Stored in Tool Bag										
5120-00-222-8852	Screwdriver, Flat Tip, Hvy Duty, Plastic Hdl, 1/4 inch Tip,	(D)			1						
	4 inch Bld, 7 3/4 inch Long, MS15219-1 (96906) UOC: BWH, CYJ,										
	DBE, DTN, Stored in Tool Bag										
<p>* WHEN USED AS A:</p> <p>HAND RECEIPT, enter Hand Receipt Annex Number</p> <p>HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes</p> <p>HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC)</p>											

7

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
	AAL CONTINUED										
5120-00-227-7338	Screwdriver, Ft. Hvy Dty. Steel Hdl, W/Wood Insr, Sq Bld, 1/2 inch Wd Tip 5 inch Bld, 9 1/2 inch Lg, MS15220-5 (96906) UOC: BWH, CYJ, DBE, DTN, Stored in Tool Bag	(D)			1						
5120-00-234-8912	Screwdriver, Cross Tip, Phillips #3, Plastic Hdl, 6 inch Blade, 10 1/8 inch Long MS15224-6 (96906) UOC: BWH, CYJ, DBE, DTN, Stored in Tool Bag	(D)			1						
5120-00-449-8083	Wrench, Adjustable, Open End, Hvy Duty, 9 1/2 to 10 1/2 inch LOA, Type 1, Class 1, GGG-W-631 (81348) UOC: BWH, CYJ, DBE, DTN, Stored in Tool Bag	(D)			1						
5315-00-782-1019	Wrench, (Key), Drain Plug, Str Bar, 1/2 inch Sq, 2 1/2 inch LG MS52066-543 (96906) UOC: BWH, CYJ, DBE, DTN, Stored in Tool Bag	(D)			1						
5120-00-224-4047	Hammer, Hand, Machinist's Ball-Peen, 2 Lb. Type 2, Class 1, Style A, GGG-H-86 (81348) UOC: BWH, CYJ, DBE, DTN, Stored in Tool Bag	(D)			1						

By Order of the Secretary of the Army:

Official:



MILTON H. HAMILTON
*Administrative Assistant to the
Secretary of the Army*
00415

GORDON R. SULLIVAN
*General, United States Army
Chief of Staff*

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RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



SOMETHING WRONG WITH THIS PUBLICATION?

THEN... JOT DOWN THE DOPE ABOUT IT ON THIS FORM. CAREFULLY TEAR IT OUT. FOLD IT AND DROP IT IN THE MAIL!

FROM (PRINT YOUR UNIT'S COMPLETE ADDRESS)

PFC JOHN DOE
COA, 3d ENGINEER BN
FT. LEAVENWORTH, MO 63108

DATE SENT

PUBLICATION NUMBER

TM 5-5420-209-10-HR

PUBLICATION DATE

9 January 1992

PUBLICATION TITLE

Improved Float Bridge

BE EXACT PIN-POINT WHERE IT IS

PAGE NO	PARA-GRAPH	FIGURE NO	TABLE NO
---------	------------	-----------	----------

6

2-1
a

B1

4-3

125

line 20

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

DA FORM 1 JUL 79 2028-2

PREVIOUS EDITIONS ARE OBSOLETE.
DRSTS-M Overprint 1, 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

TEAR ALONG PERFORATED LINE

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



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SOMETHING WRONG WITH THIS PUBLICATION?

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

DATE SENT

PUBLICATION NUMBER TM 5-5420-209-10-HR	PUBLICATION DATE 9 January 1992	PUBLICATION TITLE Improved Float Bridge
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BE EXACT PIN-POINT WHERE IT IS				IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:
PAGE NO	PARA-GRAPH	FIGURE NO	TABLE NO	

TEAR ALONG PERFORATED LINE

PRINTED NAME, GRADE OR TITLE AND TELEPHONE NUMBER	SIGN HERE
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4300 GOODFELLOW BOULEVARD
ST. LOUIS, MO 63120-1798

TEAR ALONG PERFORATED LINE

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: 069187-000