

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

**FOR  
FORWARD AREA  
WATER POINT SUPPLY SYSTEM (FAWPSS)  
MODEL WPSS100 NSN 4320-01-168-1629  
AND  
MODEL 9095-91 NSN 4320-01-338-3305**

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

\* This manual supersedes TM 5-4320-301-10-HR, dated 31 August 1994.

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**HEADQUARTERS, DEPARTMENT OF THE ARMY  
22 JULY 1996**

TECHNICAL MANUAL  
NO. 5-4320-301-10-HR

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON D.C., 22 July 1996

**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 these procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual directly to: Commander, US Army Aviation and Troop Command, ATTN: AMSAT-I-MP, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. You may also submit your recommended changes by E-mail directly to <mpmtO/oavma20280st-louis-emh7.army.mil>. 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 the FAWPSS.

### 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 5-4320-301-13&P. The listings consist of exactly the same items and are in the same sequence as those listings in TM 5-4320-301-13&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 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, out-fits, 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-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."

I. 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 are as follows:

SEC CODE	CONTROLLED INVENTORY ITEM CODE
U	UNCLASSIFIED PILFERABLE ITEMS
M	Handtools and shop equipment
J	Pilferable item due to its size, shape and utility, which does not fall under one of the above categories. Pilferage controls may be designated by the coding activity to items coded U (unclassified) by recoding 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\_\_\_\_OF\_\_\_\_PAGES. Contains page number and total number of pages for the COEI, BI, 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 (BII) 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.** SPECIAL INFORMATION. Items coded (\*) indicate information is not available.

HAND RECEIPT / ANNEX NUMBER For Tue ofthis form, see DA PAM 710-2-1 The proponent agency is ODCSLOG		FROM:		TO:		HAND RECEIPT NUMBER	
FOR ANNEX MCR ONLY	END ITEM STOCK NUMBER	END ITEM DESCRIPTION  Forward Area Water Point Supply System		PUBLICATION NUMBER TM 5-4320-301-13 &P		PUBLICATION DATE 6 January 1989	
STOCK NUMBER	ITEM DESCRIPTION		★	SEC	UI	QTY AUTH	g. QUANTITY
a.	b.		c.	d.	e.	f.	A B C D E F
	FORWARD AREA WATER POINT SUPPLY SYSTEM (FAWPSS)						
	COMPONENTS OF END ITEM (COEI)						
7240-00-222-3088	CAN, 5-GALLON GASOLINE				EA	2	
8110-01-122-0015	DRUM, WATER, 500 GALLON (COLLAPSIBLE FABRIC DRUM, 2 INCH ELBOW COUPLER VALVE ASSEMBLY)				EA	6	
5330-00-360-0595	GASKET, RUBBER, 1 1/2 INCH (96906) MS27030-5				EA	4	
5330-00-612-2414	GASKET, RUBBER, 2 INCH (96906) MS27030-6				EA	19	
4720-01-174-8173	HOSE ASSEMBLY, DISCHARGE 1 1/2 INCH BY 25 FOOT				EA	4	
	(97403) 13225E9136-11						
4720-01-163-5088	HOSE ASSEMBLY, DISCHARGE 2 INCH BY 10 FOOT				EA	1	
	(97403) 13225E9136-1						
4720-01-175-5957	HOSE ASSEMBLY, DISCHARGE 2 INCH BY 25 FOOT				EA	2	
	(97403) 13225E9136-5						
4720-01-163-4683	HOSE ASSEMBLY, SUCTION, 2 INCH BY 10				EA	3	
	(97403) 13225E9135-1						

★WHEN USED AS A'  
 HAND RECEIPT. enter Hand Receipt Annex Number  
 HAND RECEIPT FOR QUARTERS FURNITURE. enter Condition Code  
 HAND RECEIPT ANNEX/COMPONENTS RECEIPT. enter Accounting Requirements Code (ARC)

HAND RECEIPT / ANNEX NUMBER For Tue of this form, see DA PAM 710-2-1 The proponent agency is ODCSLOG		FROM:		TO:				HAND RECEIPT NUMBER					
FOR ANNEX MCR ONLY	END ITEM STOCK NUMBER	END ITEM DESCRIPTION  Forward Area Water Point Supply System		PUBLICATION NUMBER TM 5-4320-301-13 &P		PUBLICATION DATE 6 January 1989		QUANTITY					
STOCK NUMBER	ITEM DESCRIPTION			★	SEC	UI	QTY AUTH	g. QUANTITY					
a.	b.			c.	d.	e.	f.	A	B	C	D	E	F
COEI-CONTINUE													
4730-00-222-1844	NIPPLE, PIPE (96906) MS51846-152					EA	1						
4730-00-009-1735	NIPPLE, QUICK-DISCONNECT (96906) MS39352-9					EA	1						
4610-01-188-8197	NOZZLE ASSEMBLY, WATER DISTRIBUTION (81718) 811-PW Consisting of: -Distribution Nozzle -Swivel -Reducer, External pipe thread by quick-disconnect, cam locking type					EA	4						
4730-00-823-5316	PLUG, QUICK DISCONNECT (96906) MS27029-2					EA	4						
4320-00-542-3347	PUMPING ASSEMBLY, 125 GPM (QUICK DISCONNECT MALE & QUICK DISCONNECT FEMALE). USED ON FAWPSS MODEL					EA	1						
	WPSS 100 ONLY												
4320-01-247-7127	PUMPING ASSEMBLY, 125 GPM (QUICK DISCONNECT MALE & QUICK DISCONNECT FEMALE). USED ON FAWPSS MODEL					EA	1						
	9095-91 ONLY.												
4320-01-190-0417	PUMPING ASSEMBLY, 125 GPM. USED ON MARINE CORPS MODEL ONLY.					EA	1						
4730-01-126-3825	REDUCER, 1/2 INCH TO 1 INCH (96906) MS49002-17					EA	4						
4730-00-951-3295	REDUCER, QUICK DISCONNECT 2 INCH FEMALE TO 1 1/2 INCH					EA	4						
	MALE (96906) MS490005												
5365-00-926-5411	RING, RETAINING (9H113) H01434M					EA	7						

HAND RECEIPT / ANNEX NUMBER For Tue ofthis form, see DA PAM 710-2-1 The proponent agency is ODCSLOG		FROM:		TO:		HAND RECEIPT NUMBER	
FOR ANNEX MCR ONLY	END ITEM STOCK NUMBER	END ITEM DESCRIPTION  Forward Area Water Point Supply System		PUBLICATION NUMBER TM 5-4320-301-13 &P		PUBLICATION DATE 6 January 1989	
STOCK NUMBER		ITEM DESCRIPTION		★	SEC	UI	QTY AUTH
a.	b.	c.	d.	e.	f.	g. QUANTITY	
						A	B
						C	D
						E	F
	COEI-CONTINUED						
7240-00-177-6154	SPOUT, CAN, FLEXIBLE (81349) MILS-1285 CTO BE USED WITH			EA	1		
	CAN, 5-GALLON, GASOLINE)						
4930-01-120-7426	STAND ASSEMBLY (97403) 13225E9140			EA	2		
4820-00-330-5466	VALVE ASSEMBLY, 2 INCH (12168) T-590-Y-2IN Consisting of: -Two Inch Bronze/Aluminum Type-Threaded Ball Valve -Quick Disconnect Coupling Half, Cam Locking Type, Male -Quick Disconnect Coupling Half, Cam Locking Type, Female			EA	2		
4730-01-068-5070	WYE, QUICK DISCONNECT, 2-INCH, (97403) 13219E0477			EA	4		
8110-00-856-6243	YOKE, TOWING (97403) 13216E7991			EA	1		
	BASIC ISSUE ITEMS (B1)						
	MANUAL, TECHNICAL, FORWARD AREA WATER POINT SUPPLY SYSTEM, TM 5-4320-301-13&P			EA	1		
	ADDITIONAL AUTHORIZATION LIST (AAL)						
	NOT APPLICABLE						

DA FORM 2062 EDITION OF JAN 58 IS OBSOLETE  
JAN 82

CURRENT AS OF 27 MAY 1994

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[illegible]

By Order of the Secretary of the Army:

Officer:



JOEL B. HUDSON

Administrative Assistant to the  
Secretary of the Army

02192

DENNIS J. REIMER  
General, United States Army  
Chief of Staff

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To be distributed in accordance with DA Form 12-25-E, block no. 5570,  
requirements for TM 5-4320-301-10-HR.

### **These are the instructions for sending an electronic 2028**

The following format must be used if submitting an electronic 2028. The subject line must be exactly the same and all fields must be included; however only the following fields are mandatory: 1, 3, 4, 5, 6, 7, 8, 9,10, 13,15, 16,17, and 27.

From: "Whoever" <whoever@avma27.army.mil>

To: mpmt%avma28@st-louis-emh7.army. mil

Subject: DA Form 2028

1. From: Joe Smith
2. Unit: home
3. Address:4300 Park
4. City: Hometown
5. St: MO
6. Zip: 77777
7. Date Sent: 19-OCT-93
8. Pub no: 55-2840-229-23
9. Pub Title: TM
10. Publication Date: 04-JUL-85
11. Change Number. 7
12. Submitter Rank: MSG
13. Submitter FName: Joe
14. Submitter MName: T
15. Submitter LName: Smith
16. Submitter Phone: 123-123-1234
17. Problem: 1
18. Page: 2
19. Paragraph: 3
20. Line: 4
21. NSN: 5
22. Reference: 6
23. Figure: 7
24. Table: 8
25. Item: 9
26. Total: 123
27. Text:

This is the text for the problem below line 27.

## 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 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	squaremeters	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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