

**HAND RECEIPT**

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

**TANK ASSEMBLY, FABRIC, COLLAPSIBLE, POL  
10,000 GALLON (37,850 LITER)  
NSN 5430-00-641-8552**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY  
1 JUNE 1996**



TECHNICAL MANUAL  
NO. TM 5-5430-210-10-HR

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON D.C., 1 JUNE 1996

HAND RECEIPT  
COVERING CONTENTS OF  
COMPONENTS OF END ITEM (COEI)  
BASIC ISSUE ITEMS (BII)  
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FOR

TANK ASSEMBLY, FABRIC, COLLAPSIBLE, POL  
10,000 GALLON (37,850 LITER)  
NSN 5430-00-641-8552

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 <mpmt/oavma28@st-louis-emh7.army.mil>. A reply will be furnished directly to you. Instructions for sending an electronic 2028 may be found at the back of this manual immediately preceding the hard copy 2028.

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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 Tank Assembly, Fabric, Collapsible: 10,000 Gallon.

### **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 5-5430-210-12. The listings consist of exactly the same items and are in the same sequence as those listings in TM 5-5430-210-12.

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, 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."

l. 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	Hand tools 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, 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 Pans 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.

**3/(4 blank)**



## SECTION II. HAND RECEIPT

<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 5430-00-641-8552	END ITEM DESCRIPTION Tank Assembly, Fabric, Collapsible: 10,000: Gal; Petroleum		PUBLICATION NUMBER TM 5-5430-210-12	PUBLICATION DATE 10 June 1996	QUANTITY								
STOCK NUMBER a.		ITEM DESCRIPTION b.			★ c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
									A	B	C	D	E	F
		<b>COMPONENTS OF END ITEM:</b>												
4720-00-983-0044 4720-00-983-0044		HOSE ASSEMBLY, NONMETALLIC: LIQUID FUEL; NONCOLLAPSIBLE; 4 IN X 12 FT (81349) M370B09B2A1440			X	U	EA	08						
4730-00-842-0851		MANIFOLD ASSEMBLY, HOSE LINE, TYPE 1: FUELING: 4 IN; (81396) C13200E0068 CONSISTS OF ITEMS 3 THROUGH 11:			X	U	SE							
4730-00-840-5347		COUPLING HALF, QUICK DISCONNECT: CAM LOCKING; EXTERNAL; (96906) MS27027-17			X	U	EA	02						
4730-00-840-5348		COUPLING HALF, QUICK DISCONNECT: CAM LOCKING; INTERNAL; (96906) MS27027-17			X	U	EA	02						
5330-00-647-2072		GASKET: FOR 4 IN RD FLANGE; (97403) 13216E8238			X	U	EA	06						
5310-00-732-0558		NUT, PLAIN HEXAGON: CARBON STEEL, CADMIUM PLATED; (96906) MS51967-8			X	U	HD	48						
5305-00-688-2111		SCREW, CAP HEXAGON HEAD: CARBON STEEL, CADMIUM; (80204) B1821BH038C138N			X	U	EA	48						
4730-00-840-5346		TEE, FLANGE: ALUMINUM ALLOY; 4 IN (97403) 13216E8243			X	U	EA	02						
4820-00-950-7687		VALVE, GATE: ALUMINUM ALLOY; MANUALLY OPERATED; FLANGED; (41592) 235-RF-0200AV			X	U	EA	01						
5310-00-080-6004		WASHER, FLAT: RD; STEEL, CADMIUM PLATED: 0.406 IN ID; (96906) MS27183-14			X	U	HD	48						
★ 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 a.	ITEM DESCRIPTION b.	★ c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
						A	B	C	D	E	F
5310-00-637-9541	WASHER, LOCK: STEEL; CADMIUM PLATED; 3/8 IN ID (96906) MS35338-46	X	U	HD	48						
4730-00-842-0850	MANIFOLD ASSEMBLY, HOSE LINE, TYPE II: FUELING; (81336) C13200E0803 CONSISTS OF ITEMS 13 THROUGH 21:	X	U	SE							
4730-00-840-5347	COUPLING HALF, QUICK DISCONNECT: CAM LOCKING; EXTERNAL; (96906) MS27023-17	X	U	EA	01						
4730-00-840-5348	COUPLING HALF, QUICK DISCONNECT: CAM LOCKING; INTERNAL; (96906) MS27027-17	X	U	EA	02						
5330-00-647-2072	GASKET: FOR 4 IN RD FLANGE; (97403) 13216E8238	X	U	EA	04						
5310-00-732-0558	NUT, PLAIN HEXAGON: CARBON STEEL, CADMIUM PLATED; (96906) MS51967-8	X	U	HD	32						
5305-00-688-2111	SCREW, CAP, HEXAGON HEAD: CARBON STEEL, CADMIUM; (80204) B1821BH038C138N	X	U	EA	32						
4730-00-840-5346	TEE, FLANGE: ALUMINUM ALLOY; 4 IN (97403) 13216E8243	X	U	EA	01						
4820-00-950-7687	VALVE, GATE: ALUMINUM ALLOY; MANUALLY OPERATED; FLANGED; (41592) 235-RF-0200AV	X	U	EA	01						
5310-00-080-6004	WASHER, FLAT: RD; STEEL, CADMIUM PLATED: 0.406 IN ID; (96906) MS27183-14	X	U	HD	32						
5310-00-637-9541	WASHER, LOCK: STEEL; CADMIUM PLATED; 3/8 IN ID (96906) MS 35338-46	X	U	HD	32						
4730-00-840-5345	COUPLING HALF, QUICK DISCONNECT: NIPPLE, ADAPTER: EXTERNAL BY EXTERNAL GROOVED PIPE; 4 IN: (81336) 13200E6376	X	U	EA	01						
4730-00-935-1613	NIPPLE, QUICK DISCONNECT: EXTERNAL TO EXTERNAL; QUICK; (96906) MS39352-19	X	U	EA	01						
4730-00-651-3293	REDUCER, QUICK DISCONNECT: 4 IN INTERNAL TO 3 IN EXTERNAL: 150 PSI WP; (96906) MS49000-1	X	U	EA	01						
5430-00-052-3412	TANK, FABRIC, COLLAPSIBLE: NYLON; ELASTOMERIC COATED; (00333) FCE574-81-1-A	N	U	EA							

Reverse of DA Form 2062


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STOCK NUMBER a.	ITEM DESCRIPTION b.	★ c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
						A	B	C	D	E	F
4930-00-106-8632	CHEST, ASSEMBLY, TANK: SKID MOUNTED; ALUMINUM ALLOY; (87990) MCD5136-5-1	N	U	EA	01						
5340-00-720-8858	PATCH, MECHANICAL, FLEXIBLE SURFACE: CLAMP ASSEMBLY, SEALING: 7-1/2 IN; (81336) 13202E2870-3	X	U	EA	02						
5340-00-720-8863	PATCH, MECHANICAL, FLEXIBLE SURFACE: CLAMP ASSEMBLY, SEALING: 5 IN; (81336) 13202E2870-2	X	U	EA	02						
5340-00-720-8864	PATCH, MECHANICAL, FLEXIBLE SURFACE: (81336) 13202E2870-1	X	U	EA	02						
5510-00-255-9493	PLUG, WOOD: TAPERED; 3 IN; (97403) 13211E3085	X	U	EA	02						
5510-00-255-9492	PLUG, WOOD: TAPERED; 5 IN; (97403) 13211E3084	X	U	EA	02						
4820-00-595-1842	VALVE, GATE, 1/2 INCH (76364) 1152	X	U	EA	01						
	HOSE ASSEMBLY, 1/2 INCH, 8 FT LONG (00333) 2556-8	X	U	EA	01						
5430-01-252-6434	CAP, VENT, FUEL STORAGE TANK: (49234) EX1333B-2IN	X	U	EA	01						
5330-01-262-1361	GASKET, RELIEF CAP (49234) EX1333B-18-95	X	U	EA	01						
4930-00-653-0434	SCREEN (49234) EX1333B36	X	U	EA	01						
4730-00-855-1488	ELBOW, QUICK DISCONNECT: 4 INCH, 90 DEGREE (9H113) 633K4X4	N	U	EA	01						
	BASIC ISSUE ITEMS: Not Applicable										
	ADDITIONAL AUTHORIZED ITEMS:										
5430-01-237-3659	LINER, BERM, TANK, FABRIC (81349) M53081-2	N	U	EA	01						
5430-01-352-6073	REPAIR KIT, COLLAPSIBLE FABRIC TANK (63775) 210225	N	U	KT	01						
5430-01-359-1078	REPAIR KIT, COLLAPSIBLE FABRIC TANK (0F6E1) BOV-USA-1	N	U	KT	01						



By Order of the Secretary of the Army:

Official: 

JOEL B. HUDSON  
*Administrative Assistant to the  
Secretary of the Army*  
01906

DENNIS J. REIMER  
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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.





THEN...JOT DOWN THE  
DOPE ABOUT IT ON THIS FORM.  
CAREFULLY TEAR IT OUT, FOLD IT  
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# 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.

PRINTED NAME, GRADE OR TITLE AND TELEPHONE NUMBER

SIGN HERE

DA FORM 1 JUL 79 2028-2

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ARE OBSOLETE.

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



## 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  
 10.76 sq. feet  
 1 gram = 10 decigram = .035 ounce  
 sq. feet  
 1 decagram = 10 grams = .35 ounce  
 = 2.47 acres  
 1 hectogram = 10 decagrams = 3.52 ounces  
 mile  
 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.  
 1 sq. meter (centare) = 100 sq. decimeters =  
 1 sq. dekameter (are) = 100 sq. meters = 1,076.4  
 1 sq. hectometer (hectare) = 100 sq. dekameters  
 1 sq. kilometer = 100 sq. hectometers = .386 sq.

### *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

<i>To change</i>	<i>To</i>	<i>Multiply by</i>	<i>To change</i>	<i>To</i>	<i>Multiply by</i>
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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