

**HAND RECEIPT**

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

**FOR**

**RECEIVING SET, RADIO  
AN/TRQ-32(V)  
INCLUDING  
AN/TRQ-32(V)1 NSN 5895-01-167-7655  
AN TRQ-32(V)2 NSN 5895-01-167-7656**

**This publication supersedes TM 32-5895-070-10-HR dated 13 November 1987.**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY**

**NOVEMBER 1989**

HAND RECEIPT

TM 32-5894-070-10-HR

HEADQUARTERS  
DEPARTMENT-OF THE ARMY  
WASHINGTON, D.C., 1 November 1989

**HAND RECEIPT**

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

**RECEIVING SET, RADIO AN/TRQ-32(V)**

**INCLUDING**

**AN/TRQ-32(V)1 NSN 5895-01-167-7655  
AN/TRQ-32(V)2 NSN 5895-01-167-7656**

**REPORTING OF ERRORS AND RECOMMENDED IMPROVEMENTS**

You can improve this publication by recommending improvements using DA Form 2028 (Recommended Changes to Publications and Blank Forms) and mailing the form direct to Commander, US Army Communication Electronics Activity-Vint Hill, ATTN: SELCE-MR-E-P, Vint Hill Farms Station, Warrenton, VA 22186-5141. A reply will be furnished direct to you.

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HAND RECEIPT FOR CONTENTS OF  
COMPONENTS OF END ITEM (COEI), BASIC ISSUE ITEMS (BII),  
AND ADDITIONAL AUTHORIZATION LIST (AAL) ITEMS FOR  
RADIO RECEIVING SET, AN/TRQ-32(V)

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 Radio Receiving Set, AN/TRQ-32(V).

2. GENERAL.

- a. Section II is the overprinted DA Form 2062 which lists the item entry for System/End Item and the contents of COEI, BII, and AAL extracted from TM 32-5895-070-10. The listings consist of exactly the same items and are in the same sequence as those listings in TM 32-5895-070-10.
- b. The overprinted DA Form 2062 will eliminate manual preparation of the form and will assist organizations in inventory and accounting for property as required by DA PAM 710-2-1.
- 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:

Commander  
US Army Communication Electronics Activity-Vint Hill  
ATTN: SELCE-MR-E-P  
Vint Hill Farms Station  
Warrenton, VA 22186-5144

3. EXPLANATION OF BLOCKS AND COLUMNS (DA FORM 2062). Refer to Chapter 5, DA PAM 710-2-1. 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. The entry in column C, shall be the line item's Expandability (EXP)/Accounting Requirements Code (ARC). One of the following codes will apply:

(N) for Nonexpendable: Items not consumed in use, retaining their identify 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 not already , "N".

(X) for Expendable      Items regardless of type classification of 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.

4. SPECIAL INFORMATION. (Not applicable.)

**3/(4 blank)**

SECTION II

TM 32-5895-070-10-HR

<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 5895-01-167-7656	END ITEM DESCRIPTION Radio Receiving Set AN/TRQ-32(V)2	PUBLICATION NUMBER TM 32-5895-070-10-HR	PUBLICATION DATE March 1989	QUANTITY
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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
	COMPONENTS OF END ITEM (COEI)										
5895-01-168-0084	Printer, Thermal RP-272/G	N		ea	1						
1680-00-903-4378	Caution Panel 4408-100-29	N		ea	1						
5811-01-257-0175	Controller, C-11845/TRQ-32(V)	N		ea	1						
5835-01-023-4332	Recorder-Reproducer, Sound AN/UNH-17A	N		ea	2						
5835-01-163-1118	FootswitchSA-1921/G	D		ea	2						
5895-01-115-9154	Control,OirectionFinderC-11002/USQ	N		ea	1						
5811-01-165-0405	Distribution, Unit, RF SA-2444/TRQ-32(V)	N		ea	1						
5831-00-933-9822	Control, Intercommunications Set, C-1611D/AIC	N		ea	2						
5895-01-165-6225	Panel, Operator Control MX-10570/TRQ-32(V)	N		ea	2						
7025-01-257-0177	Computer, Operator Terminal CP-18241TRQ-32(V)	N		ea	2						
5093-01-258-8009	'Switch, PowerSA-2559/TRQ-32(V)	D		ea	2						
5895-01-166-6954	Receiver Set, Radio AN/TRR-35(V)3 C/O:										
5895-01-166-6949	Unit, Signal Display ID-2349/TRR-35	N		ea	2						
5895-01-166-6958	Unit, Receiver Control C-11383/TRR-35	N		ea	2						
5895-01-166-6950	Cabinet, Electronic Quad CY-8324/TRR-35	N		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).  
 DA FORM 2062 JAN 82  
 EDITION OF JAN 58 IS OBSOLETE.  
 PAGE 1 OF 7 PAGES.

STOCK NUMBER a.	ITEM DESCRIPTION b.	★ c	SEC d.	UI e.	QTY AUTH f	g. QUANTITY					
						A	B	C	D	E	F
5895-01-168-0086	Power Supply, Receiver PP-8179/URR	N		ea	1						
5895-01-166-6951	Unit, Receiver Interface J-4144/TRR-35	N		ea	1						
5865-01-140-5013	Receiver, Radio R-2143/URR	N		ea	2						
5865-01-136-8672	Receiver, Radio R-21444/URR	N		ea	2						
5915-01-165-6223	UHF Bandpass Filter C5110526-1	N		ea	1						
5915-01-165-6224	VHF Bandpass Filter C5110525-1	N		ea	1						
5865-01-257-0174	Control, Processor, Data Link C-11844/TRQ-32(V)	N		ea	1						
6130-01-259-3074	Power Supply PP-8179/TRQ-32(V)	N		ea	1						
7025-01-257-0178	Control, Disk Drive C-11843/TRQ-32(V)	N		ea	1						
5895-01-257-0176	Recorder-Reproducer, Magnetic Disk RD-583/TRQ-32(V) C/O:										
5895-01-257-0176	Chassis, Disk, C5139622	N		ea	1						
7045-01-261-9877	Disk, Hard C5139776-1	D		ea	1						
5811-01-164-9988	Interconnecting Box, J-4099/TSQ-138	D		ea	1						
5810-01-078-1881	Junction Box, J-3513/U	D		ea	1						
5810-01-044-1979	Junction Box, J-3514NRC	D		ea	1						
5411-01-171-4750	Shelter, Elect. Equip.5-457 B/G	N		ea	1						
4120-01-168-0087	Hydraulic Generator/Air Conditioner PU-784/TRQ-32(V) C/O:	N		ea	1						
5895-01-186-8416	Panel, Hyd Gen/Air Cond. Control C5110898- 1	N		ea	1						
5411-01-186-8422	Shelter Mounted Unit Assy C 5118900- 1	N		ea	1						
5895-01-171-3477	Pump Assy C5122498-1	D		ea	1						
5895-01-171-3475	Reservoir Assy C5122481-1	D		ea	1						

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
5895-01-166-6959	Installation Kit, Truck MK-2291/TRQ-32(V) C/O:										
5895-01-171-4049	Unit, Power Take-off C5118905-1	D		ea	1						
5895-01-171-3476	Group, Speed Control C5118904-1	D		ea	1						
NYA	Skid Plate C5118946-1	D		ea	1						
NYA	Regulator Assy, RPM C5122557-1	D		ea	1						
NYA	Assy, Filter C5131037-1	D		ea	1						
NYA	Assy, Tachometer C5110708-1	D		ea	1						
NYA	Cover, Flywheel C54110621-1	D		ea	1						
NYA	Transfer Case Lockout Assy C5118950-1	D		ea	1						
NYA	Pad, Shelter Alignment C5139765-1	D		ea	2						
NYA	Pad, Shelter Alignment C5139765-2	D		ea	2						
5985-01-274-8920	Pneumatic Mast 25' C5139843-1	N		ea	1						
5985-01-274-8934	Compressor AssyC5139844-1	N		ea	1						
5985-01-274-8935	Antenna Group OE-356/TRQ-32(V) C5139845-1 C/O:										
5811-01-167-8442	Base Assembly Antenna C5114145-1	D		ea	1						
5895-01-171-3474	Assembly, Mast Crown C5114139-1	D		ea	1						
5865-01-084-0421	Converter, Magnetic Field CV-3579/TSQ	N		ea	1						
5811-01-162-2447	Processor Radio Freq MX-10526/TRQ-32(V)	N		ea	1						
5895-01-179-0671	Gearbox, Reducer C5114171-1	D		ea	1						
6130-01-163-6149	Power Supply Antenna TL-3129	N		ea	1						

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
5811-01-162-2451	Antenna, AS-3660/TRQ-32(V)	D		ea	1						
5811-01-162-2450	Antenna, AS-3661/TRQ-32(V)	D		ea	1						
5985-00-199-8831	Antenna Element MS-116A	D		ea	2						
5985-00-155-7149	Antenna Element MS-117A	D		ea	2						
5895-00-238-7474	Antenna Element MS-118A	D		ea	2						
5895-00-221-5544	Mast Base, AB-15/GR	N		ea	2						
5811-01-164-6261	Intercom, Cont. 5048981-1	N		ea	2						
5821-01-070-4433	<sup>1</sup> Control Head, RadioC10547/ARC-164	N		ea	1						
5821-01-122-7094	<sup>1</sup> Receiver-Transmitter, Radio, RT-1288A ARC-164(V)16	N		ea	1						
	<sup>1</sup> (V)2 Configuration Only										



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
	Basic Issue Item (BII)										
5975-01-258-8013	Mounting Base, Elect. Equip. MT-6017A/ARC-164(V)	D		ea	1						
5820-00-893-1323	Mounting Base, Elect. Equip. MT-1029/VRC	D		ea	1						
5820-00-893-1324	Mounting Base, Elect. Equip. MT-1898/VRC	D		ea	1						
5810-01-057-6524	Mounting Base, Elect. Equip. MT-4626/VRC	D		ea	1						
5975-00-878-3791	Ground Rod Assembly HW-E0089-001	D		ea	1						
5965-00-876-2375	Loudspeaker LS-454/U	D		ea	1						
5120-00-251-4489	Hammer, Hand GGG-H-86	D		ea	1						
5965-00-043-3463	Handset H-250/U	D		ea	1						
5965-00-755-4656	Headset H-157/AIC	D		ea	2						
5810-01-063-2875	Switch, Audio Frequency SA-217/VRC	D		ea	1						
NYA	Mounting Base, Control Head ARC-164	D		ea	1						
5995-00-823-2726	Cable (10'0") CX-4720/VRC	D		ea	1						
5995-01-058-4521	Cable (7'0") CX-13063/U	D		ea	1						
5995-01-059-7113	Cable (4'0") CX-13063/U	D		ea	1						
5995-01-044-4682	Cable (5'0") CX-13067/U	D		ea	1						
5995-01-057-0452	Cable (4'0") CX-13061/U	D		ea	1						
NYA	Cable (4'0") CS132664-1	D		ea	3						
5995-01-043-3872	Cable CX-13064/U	D		ea	1						

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
5995-00-832-8945	Cable(5')CG-4720NRC	D		ea	1						
NYA	Cable (5') C51109831	D		ea	1						
5995-01-167-8445	Cable AssyW22 C5114156-1	D		ea	1						
5120-00-246-3795	Adjustable Wrench GGG-W-631	D		ea	1						
5830-00-829-3339	Intercom Cont. C-2298NRC	D		ea							

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
5810-01-068-3693	Additional Authorization List (AAL)	N		ea	1						
5820-00-233-7434	<sup>1</sup> Elec.KeyGenerator,TSEC/KG-84 or TSEC/KG-B4A		ea	1							
5895-00-985-9024	Radio Set, AN/VRC-47 C/O		ea	1							
5820-00-892-0624	Antenna, AS-1729/VRC		ea	1							
5820-00-892-0622	Receiver, Radio R-442ANRC		ea	1							
5820-00-892-0622	Receiver-Transmitter RT-524A/VRC		ea	1							
5810-00-434-3640	Speech Security Equipment, TSEC/KY-57		ea	1							
5805-00-543-0012	Telephone, TA-312/PT		ea	1							
2320-01-158-0820	VehicleCargoM-1028A1	ea	1								
	<sup>1</sup> (V)2 Configuration Only										

By Order of the Secretary of the Army:

CARL E. VUONO  
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 <div style="border: 1px solid black; border-radius: 15px; padding: 5px; display: inline-block; margin-left: 20px;"> <p style="font-size: small; margin: 0;">THEN...JOT DOWN THE DOPE ABOUT IT ON THIS FORM. CAREFULLY TEAR IT OUT, FOLD IT AND DROP IT IN THE MAIL.</p> </div>		SOMETHING WRONG WITH PUBLICATION	
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IN THIS SPACE, TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT.			
BE EXACT PIN-POINT WHERE IT IS			
PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.
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 decagram = 10 grams = .35 ounce  
 1 hectogram = 10 decagrams = 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

<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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