

**TECHNICAL MANUAL**

**HAND RECEIPT**

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

**FOR**

**RADIO SET  
ANIGRC-193A**

**(NSN 5820-01-133-41 95)**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY**  
**14 FEBRUARY 1986**



**HAND RECEIPT**

**TM 11-5820-924-10-HR**

**HEADQUARTERS  
DEPARTMENT OF THE ARMY  
Washington, DC, 14 February 1986**

**HAND RECEIPT**

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

**RADIO SET  
AN/GRC-193A  
(NSN 5820-01-133-4195)**

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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 any way to improve the procedures, let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms), direct to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: AMSEL-ME-MP, Fort Monmouth, NJ 07703-5007. A reply will be sent to you.

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**TABLE OF CONTENTS**

	<b>Page</b>
SECTION I. Introduction . . . . .	1
SECTION II. Hand Receipt . . . . .	3



## 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 [terns (B11), and Additional Authorization List (AAL) items related to Radio Set AN/GRC-193A.

### 2. General

a. Section II is the overprinted DA Form 2062 which lists the contents of COEI, BII, and AAL extracted from TM 11-5820-924-13. The listing consist of exactly the same items and are in the same sequences those listing in TM 11-5820-924-13.

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 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 US Army Adjutant General Publications Center, Baltimore, MD, in accordance with the procedures in Chapter 3,AR310-2, and DA Pam 310-10-2.

### 3. Explanation of Blocks and Columns (DA Form 2062)

Refer to DA Pam 710-2-1, Chapter 6, Additional information required to complete DA Form 2062 is

- a. *From*. Enter the organization for which the property book is maintained.
- b. *To*. Enter the (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) to 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 TM.
- h. *Quantity*. Quantity of the end item covered by this hand receipt.
- i. *Stock Number (Column a)*. National stock number of the described. Items without stock numbers should be requisitioned by Federal Supply Code doe Manufactures (FSCM) and part number direct from: US Army Communications-Electronics Command, ATTN: AMSEL-MM, Fort Monmouth, NJ 07703-5006,
- j. *Item Description (Column b)*. Identifies the item contained in the COEI, BII, and the AAL. It will also contain nomenclature, serial/USA number (if applicable) that will be useful in identifying and controlling the item. Serial number is to be inserted and initialed on all copies by the hand receipt holder.
- k. *(Column c)*. The Accounting Requirements Code (ARC) is entered here.

#### NOTE

The Accounting Requirements Code (ARC) refers to property accountability, not to disposal authority. Disposition action and authority for an unserviceable item is governed by the recoverability code (5th position of the SMR code) assigned to the item in the RPSTL.

(1) Refer to DA Pam 710-2-1, Chapter 6, Additional Information required to complete DA Form 2062 is listed below.

(2) Hand receipts shall identify the accounting requirements status of all item entries via column c. One of the following Accounting Requirements Code (ARC) 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 FSC'S 5110, 5120, 5130,5133,5140, 5180, 5210, 5220, and 5280; and any other non-consumable with a price in excess of \$50.00 not already 'N'. |
| (X) for 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"                           |

## TM 11-5820-924-10-HR

1. *SEC (Column d)*. The Physical Security/Pilferage code is entered here. This is a one-position code which indicates the security classification or pilferage control for storage or transportation of assets. Order of precedence for assignment of codes is classified, sensitive, pilferage, Unclassified, as applicable.

SEC CODE	Physical Security Code
A	CONFIDENTIAL - Former Restricted Data
B	CONFIDENTIAL - Restricted Data
C	CONFIDENTIAL
D	CONFIDENTIAL - Cryptologic
E	SECRET - Cryptologic
F	TOP SECRET - Cryptologic
G	SECRET - Former Restricted Data
H	SECRET - Restricted Data
K	TOP SECRET - Former Restricted Data
L	TOP SECRET - Restricted Data
o	Naval Nuclear Propulsion Information
S	SECRET
T	TOP SECRET
U	UNCLASSIFIED
	<i>Sensitive Items</i>
P	Ammunition and Explosives
Q	An item which is a drug or other substance determined by the Director, Drug Enforcement Administration (DEA), Department of Justice, to be designated schedule symbol III, IV or V as defined in the Controlled Substance Act of 1970, and other items requiring secure storage.
R	Alcohol, alcoholic beverages, precious metals, drug or other substance determined by the Director, Drug Enforcement Administration (DEA), Department of Justice, to be designated schedule symbol II as defined in the Controlled Substance Act of 1970, and other items requiring vault storage.
7	Sensitive information, prior to disposal, all name plates, label plates, tags, stickers, documents or markings, which relate items to weapons system end item application, must be removed and destroyed.
	<i>Pilferable Items</i>
I	Aircraft engine equipment and parts.
M	Handtools and shop equipment.
N	Firearms
V	Individual clothing and equipment.
W	Office machines.
X	Photographic equipment and supplies.
Y	Communication/electronic equipment and parts.
Z	Vehicular equipment and parts.
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. U1 (Column e)*. Unit of Issue.

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

*o. Quantity (Column g)*. Actual quantity on hand. To be filled in by the receiving unit/personnel.

*p. Page No./No. of Pages*. Contains page number and total pages for the COEI, B11, 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 the appropriate MTOE, TDA, CTA, or JTA authorization documents.

### Section II. HAND RECEIPT

Following is the Hand Receipt for Radio Set AN/GRC-193A.

HAND RECEIPT <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	END ITEM DESCRIPTION	PUBLICATION NUMBER			PUBLICATION DATE		QUANTITY				
	5820-01-133-4195	RADIO SET AN/GRC-193A	TM 11-5820-924-13			15 JAN 86		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>	QUANTITY <i>g</i>						
		A	B	C	D	E	F					
	COMPONENTS OF END ITEM (COE I)											
5820-01-069-2368	RECEIVER-TRANSMITTER RT-1209/URC SER. NO.	N	Y	EA	1							
5820-01-070-1950	AMPLIFIER-CONVERTER AM-6879/GRC-193A SER. NO.	N	Y	EA	1							
5820-01-186-3699	POWER AMPLIFIER AM-6545A/GRC SER. NO.	N	Y	EA	1							
5985-01-050-4869	ANTENNA COUPLER CU-2064/GRC SER. NO.	N	Y	EA	1							
5820-01-196-0204	RADIO SET CONTROL GROUP AN/GRA-39C SER. NO.	D	Y	EA	1							
5965-00-069-8886	HANDSET H-250/U MIL-H-49078	D	Y	EA	1							
5805-00-067-5388	CW KEY KY-872 755002A1000	D	Y	EA	1							

TM 11-5820-924-10-HR

\* 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 11-5820-924-13, RADIO SET AN/GRC-193A

STOCK NUMBER a.	ITEM DESCRIPTION b.	* c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY					
						A	B	C	D	E	F
	(COE I CONTINUED )										
5985-00-106-6130	ANTENNA, NVIS AS-2259 AS2259GR	D	Y	EA	1						
	KIT, TACTICAL ANTENNA REMOTING 755017B00771	D	Y	EA	1						
5985-00-892-0758	ANTENNA GROUP AN/GRA.-50	D	Y	EA	1						
5985-00-892-0758	BASE, ANTENNA AB-652 SCD L49678	D	Y	EA	1						
5820-00-199-8831	MAST SECTION, ANTENNA MS-116 -A	D	Y	EA	1						
5820-00-115-7149	MAST SECTION, ANTENNA MS-117 -A	D	Y	EA	1						
5820-00-238-7474	MAST SECTION, ANTENNA MS-118A	D	Y	EA	1						
5985-00-930-7223	TIP ASSEMBLY, ANTENNA SC-C-44046	D	Y	EA	1						
5820-00-078-4769	COVER, ANTENNA SHEATH CF-475B SM-D-500428	D	Y	EA	1						
5985-01-192-8599	ADAPTER, ANTENNA MX-10618/GRC-193A 755017B0765	D	Y	EA	1						
5340-00-286-2491	CLAMP SC-B-19491	X	J	EA	1						

TM 11-5820-924-10-HR



HAND RECEIPT 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	END ITEM DESCRIPTION	PUBLICATION NUMBER	PUBLICATION DATE	QUANTITY						
	5820-01-133-4195	RADIO SET AN/GRC-193A	TM 11-5820-924-13	15 JAN 86							
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>					
	(COEI CONTINUED)					A	B	C	D	E	F
4020-00-073-3276	ROPE (2 x 20 ft.) SM-B-500418	X	J	FT	1						
	BASIC ISSUE ITEMS (BII)										
5820-01-189-9797	KIT, INSTALLATION (GENERAL PURPOSE)	N	Y	EA	1						
	MK-2459/GRC-193A										
	CONSISTING OF:										
	KIT, INSTALLATION 755017B0936	D	Y	EA	1						
5820-01-133-3974	BASE, MOUNTING MT-6232/GRC-193A 755017B0700	D	Y	EA	1						
5820-00-493-3055	GUARD ASSEMBLY, ANTENNA SC-C-446008	D	Y	EA	1						
5820-01-189-9794	KIT INSTALLATION (M882 VEHICLE) MK-2462/GRC-193A	N	Y	EA	1						
	CONSISTING OF:										
* 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 11-5820-924-10-HR

5

TM 11-5820-924-13, RADIO SET AN/GRC-193A

STOCK NUMBER a.	ITEM DESCRIPTION b.	*	SEC	UI	QTY AUTH f.	g. QUANTITY					
						A	B	C	D	E	F
	(BII CONTINUED)										
5820-01-217-8912	KIT, INSTALLATION 755017B0921	D	Y	EA	1						
5820-01-133-3974	BASE, MOUNTING MT-6232/GRC-193A 75017B0700	D	Y	EA	1						
5820-00-493-3055	GUARD ASSEMBLY, ANTENNA SC-C446008	D	Y	EA	1						
5820-02-189-9796	KIT, INSTALLATION (M561 VEHICLE) MK-2458/GRC-193A	N	Y	EA	1						
	CONSISTING OF:										
5820-01-215-7863	KIT, INSTALLATION 755017B0916	D	Y	EA	1						
5820-01-133-3974	BASE, MOUNTING MT-6232/GRC-193A 755017B0700	D	Y	EA	1						
5820-00-493-3055	GUARD ASSEMBLY, ANTENNA SC-C-446008	D	Y	EA	1						
5820-01-189-9795	KIT, INSTALLATION (M151 VEHICLE) MK-2461/GRC-193A	N	Y	EA	1						
	CONSISTING OF:										
5820-01-219-4769	KIT, INSTALLATION 755017B0775	D	Y	EA	1						

TM 11-5820924-10-HR

HAND RECEIPT <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	END ITEM DESCRIPTION	PUBLICATION NUMBER		PUBLICATION DATE	QUANTITY					
	5820-01-133-4195	RADIO SET AN/GRC-193A	TM 11-5820-924-13		15 JAN 86						
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)										
5820-01-133-3974	BASE MOUNTING MT-6232/GRC-193A 755017B0700	D	Y	EA	1						
5820-00-493-3055	GUARD ASSEMBLY, ANTENNA SC-C-446008	D	Y	EA	1						
5820-01-199-9798	KIT, INSTALLATION (M113 & M577 VEHICLES)	N	Y	EA	1						
	MK-2460/GRC-193A										
	CONSISTING OF:										
5995-01-216-5510	CABLE, INTERCOM 755017B0772	D	Y	EA	1						
5820-00-973-3964	ADAPTER ASSEMBLY SC-C-49639	D	Y	EA	1						
5820-01-133-3975	BASE, MOUNTING MT-6233/GRC-193A 755017B0759	D	Y	EA	1						

TM 11-5820-924-10-HR

\* 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 11-5820-924-13, RADIO SET AN/GRC-193A

STOCK NUMBER a.	ITEM DESCRIPTION b.	*	SEC d.	UI e.	QTY AUTH f.	QUANTITY g.					
						A	B	C	D	E	F
	BASIC ISSUE ITEMS (BII) CONTINUED)										
	TM 11-5820-924-13			EA	1						
	ADDITIONAL AUTHORIZATION LIST (AAL)										
5995-01-070-6621	CABLE ASSY CONTROL 80058 755002A1810										
5820-01-070-2362	CABLE ASSY, AUDIO 755002A1811	N	U	EA	1						
5995-01-070-2788	CABLE ASSY, COAX 755017A9040	N	U	EA	1						
5995-01-070-8650	CABLE ASSY, COAX 755017A9041	N	U	EA	2						
	CABLE ASSY, CONTROL 755017A9043	N	U	EA	1						
	CABLE ASSY, CONTROL 755017A9044	N	U	EA	1						
	CABLE ASSY, POWER 755017B0618	N	U	EA	1						
5820-01-069-2368	RECEIVER TRANSMITTER RT-1209( )/URC	N	U	EA	1						
	AMPLIFIER, POWER, AM-6545A/GRC-193A	N	U	EA	1						
5820-01-070-1950	AMPLIFIER-CONVERTER AM-6879/URC	N	U	EA	1						
5985-00-050-4869	COUPLER, ANTENNA CU-2064/GRC-193	N	U	EA	1						
5965-00-043-3463	HANDSET H-250/U	N	U	EA	1						
	MOUNTING BASE ELEC EQUIP MT-6233/GRC-193A	N	U	EA	1						

TM 11-5820-924-10-HR

HAND RECEIPT 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	END ITEM DESCRIPTION	PUBLICATION NUMBER		PUBLICATION DATE	QUANTITY					
	5820-01-133-4195	RADIO SET AN/GRC-193A	TM 11-5820-924-13		15 JAN 86						
STOCK NUMBER a.	ITEM DESCRIPTION b.	* c.	SEC d.	UI e.	QTY AUTH f.	QUANTITY					
		A	B	C	D	E	F				
ADDITIONAL AUTHORIZATION LIST (AAL)											
5133-00-227-5339	COUNTERSINK, 100 DEGREES, 7/8-INCH DIAMETER	D	M	EA	1						
5133-00-227-9662	DRILL BIT, 5/16-INCH	D	M	EA	1						
5133-00-227-9666	DRILL BIT, 3/8-INCH	D	M	EA	1						
5133-00-227-9670	DRILL BIT, 7/16-INCH	D	M	EA	1						
THOSE NSN'S INDICATED BY AN "X" IN THE ARC ON											
HAND RECEIPT PAGES NEED NOT BE COUNTED UNDER											
THE INVENTORY PROVISION OF PARA 2-10, AR 710-2.											
ITEMS WILL BE ORDERED AS REQUIRED.											

TM 11-5820-924-10-HR

\* 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).

PAGE 7 OF 8 PAGES

STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	*	SEC	U	QTY AUTH	QUANTITY							
						<i>c.</i>	<i>d.</i>	<i>e.</i>	<i>f.</i>	A	B	C	D

10

TM 11-5820-924-10-HR

By Order of the Secretary of the Army:

Official:

**JOHN A. WICKHAM JR.**  
*General, United States Army*  
*Chief of Staff*

**MILDRED E. HEDBERG**  
*Brigadier General, United States Army*  
*The Adjutant General!*

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