

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
 REPAIR PARTS AND SPECIAL TOOLS LIST
 FOR
 RECEIVER, RADIO FREQUENCY, WEINSCHEL, MODEL VM-4A
 NSN 4931-01-041-1564
 AND
 TRACKING OSCILLATOR, WEINSCHEL, MODEL VM-4A/H-2
 NSN 6695-01-102-4342
 Current as of 4 September 1984

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 or DA Form 2028 (Recommended Changes to Publications and Blank Forms) to: Commander, US Army TMDE Support Group, ATTN: AMXTM-LML, Redstone Arsenal, AL 35898-5400. A reply will be furnished directly to you

TABLE OF CONTENTS

	Page
Section I. INTRODUCTION	1
Section II. REPAIR PARTS LIST	2-1
Group 0010 Receiver, radio frequency	2-1
0020 Power supply module assembly	2-2
0030 Power supply assembly.....	2-2
0040 Regulator board assembly.....	2-2
0050 Switching board assembly.....	2-3
0060 Switching board assembly.....	2-3
0070 Control board assembly	2-4
0080 Control board assembly	2-5
0090 Tracking oscillator	2-5

*This manual supersedes TM 9-4931-526-34P, 1 June 1983.

TABLE OF CONTENTS - Continued

		Page
Group 0100	Power supply	2-6
0110	Regulator board assembly	2-6
0120	Switching board assembly.....	2-7
0130	Switching board assembly.....	2-7
0140	Control board assembly	2-7
0150	Control board assembly	2-8
0160	Power supply assembly.....	2-9
Section III	SPECIAL TOOLS LIST (Not applicable)	
Section IV.	NATIONAL STOCK NUMBER AND PART NUMBER INDEX	I-1

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE

REPAIR PARTS AND SPECIAL TOOLS LIST

SECTION I. INTRODUCTION

1. Scope. This RPSTL lists and authorizes spares and repair parts required for performance of direct and general support maintenance of Receiver, Radio Frequency, Weinschel, Model VM-4A, and Tracking Oscillator, Weinschel, Model VM-4A/H02. It authorizes the requisitioning, issue, and disposition of spares and repair parts as indicated by the Source, Maintenance and Recoverability (SMR) codes.

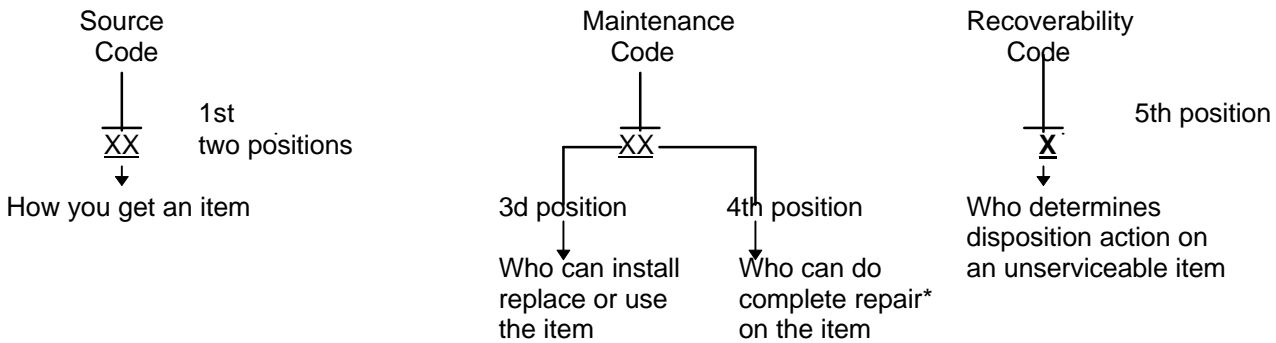
2. General. In addition to this section I, Introduction, this Repair Parts and Special Tools List is divided into the following sections:

- a. Section II. Repair Parts List.** A list of spares and repair parts authorized by this RPSTL for use in the performance of maintenance. Parts lists are composed of functional groups in ascending numeric sequence. Parts are listed in alphabetical sequence within each figure number.
- b. Section III. Special Tools List.** Not applicable.
- c. Section IV. National Stock Number and Part Number Index** A list, in National item identification number (NIIN) sequence, of all National stock numbered items (NSN) appearing in the listing, followed by a list in alphanumeric sequence of all part numbers appearing in the listing. NSN's and part numbers are cross-referenced to the figure and item number appearance.

3. Explanation of Columns (Section II)

a. Item No. (Column (1)). Indicates the number used to identify each item appearing in the listing.

b. SMR CODE (Column (2)). The Source, Maintenance, and Recoverability (SMR) code is a 5- position code containing supply/requisitioning information, maintenance category authorization criteria, and disposition instructions as shown in the following breakdown:



*Complete Repair: Maintenance capacity, capability, and authority to perform all the corrective maintenance tasks of the "Repair" function in a use/user environment in order to restore serviceability to a failed item.

(1) **Source Code.** The source code tells you how you get an item needed for maintenance, repair, or overhaul of an end item/equipment. Source codes are always the first two positions of the SMR code. Explanation of source codes follows:

Code	Explanation
PA - the	Stocked items; use the applicable NSN to request/requisition items with this code. This item is authorized to the category indicated by the code entered in the 3d position of the SMR code.
XD -	Item is not stocked. Order an "XD" coded item through normal supply channels using the FSCM and part number given, if no NSN is available.

(2) **Maintenance Code.** Maintenance codes tell you the level(s) of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the SMR code as follows:

(a) The maintenance code entered in the third position tells you the lowest maintenance level authorized to remove, replace, and use an item. The maintenance code entered in the third position will indicate authorization to the following level of maintenance.

Code	Application/Explanation
F	-Direct support level can remove, replace, and use the item.

(b) The maintenance code entered in the fourth position tells you whether or not the item is to be repaired and identifies the lowest maintenance level with the capability to do complete repair (i.e., perform all authorized repair functions). This position will contain one of the following codes.

Code	Application/Explanation
F	-Direct support is the lowest level that can do complete repair of the item.
Z	-Nonreparable. No repair is authorized.
L	-Specialized repair activity (contractor plant) is the lowest level that can do complete repair of the item.

(3) **Recoverability Code.** Recoverability codes are assigned to items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the SMR code as follows:

Recoverability Codes	Definition
Z	-Nonreparable item. When unserviceable, condemn and dispose of the item at the level of maintenance shown in the third position of the SMR code.
F	-Reparable item. When uneconomically reparable, condemn and dispose of the item at the direct support level.

**Recoverability
Codes**

Definition

L -Reparable item. Condemnation and disposal not authorized below specialized repair activity (SRA).

c. **FSCM (Column (3)).** The Federal Supply Code for Manufacturer (FSCM) is a 5-digit numeric code which is used to identify the manufacturer, distributor, or Government agency, etc., that supplies the item.

d. **PART NUMBER (Column (4)).** Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications standards, and inspection requirements to identify an item or range of items.

NOTE: When you use an NSN to requisition an item, the item you receive may have a different part number from the part ordered, but go ahead and use or furnish it as the replacement part.

e. **DESCRIPTION AND USABLE ON CODE (UOC) (Column (5))** This column includes the following information:

- (1) The Federal item name and, when required, a minimum description to identify the item.
- (2) The usable on code, when applicable (see paragraph 5, Special Information).

f. **QTY (Column (6)).** The QTY (quantity per figure column) indicates the quantity of the item used in the parts list which is prepared for a functional group, subfunctional group, or an assembly.

4. Explanation of Columns (Section IV)

a. NATIONAL STOCK NUMBER (NSN) INDEX

(1) **STOCK NUMBER column.** This column lists the NSN by National item identification number (NIIN) sequence. The NIIN consists of the last nine digits of the NSN
NSN
 (i.e., 5305-01-674-1467). When using this column to locate an item, ignore the first 4 digits of the
NIIN

NSN. However, the complete NSN should be used when ordering items by stock number. The NSN line entry identifies the first figure/item number appearance for which the stock number is applicable. The NSN is not listed for additional figure/item number appearances identified by that NSN.

(2) **FIG. column.** Indicates the figure number used to identify each item appearing in the listing. The figures are in numerical order in Section II.

(3) **ITEM column.** The item number identifies the item associated with the figure listed in the adjacent FIG. column.

b. PART NUMBER INDEX. Part numbers in this index are listed by part number in ascending alphanumeric sequence (i.e., vertical arrangement of letter and number combination which places the first letter or digit of each group in order A through Z, followed by the numbers 0 through 9 and each following letter or digit in like order).

(1) **FSCM column.** The Federal Supply Code for Manufacturer (FSCM) is a 5-digit numeric code used to identify the manufacturer, distributor, or Government agency, etc., that supplies the item.

(2) **PART NUMBER column.** Indicates the primary number used by the manufacturer (individual, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications standards, and inspection requirements to identify an item or range of items.

(3) **STOCK NUMBER column.** This column lists the NSN for the associated part number and manufacturer identified in the PART NUMBER and FSCM columns to the left. The part number line entry (with NSN, when available) identifies the first figure/item number appearance for which the part number is applicable. The part number is not listed for additional figure/item number appearances identified by that part number.

(4) **FIG. column.** This column lists the number of the figure where the item is located in Section II.

(5) **ITEM column.** The item number is that number assigned to the item as it appears in the figure referenced in the adjacent figure number column.

5. Special Information

a. Repair parts for components of standards sets which can be identified as existing in the supply system will be requisitioned through normal supply channels from the appropriate supply commodity manager.

b. Repair parts for components of standards sets which cannot be identified as to proper supply source will be requisitioned from USAMICOM, using routing identifier B64 and furnishing, as a minimum, the following as exception data.

(1) Component stock number of the individual end item to be repaired.

(2) Component manufacturer's equipment model number and serial number.

(3) The equipment manufacturer's stock number as listed in the appropriate manual for the desired repair part.

(4) The repair part reference designation, circuit reference, circuit symbol schematic designation, or reference number as listed in the manufacturer's manual.

(5) The technical specification of the repair part as contained in the appropriate manufacturer's manual.

(6) The title and date of the manufacturer's manual from which the information in a and b(3), (4), and (5) above was taken.

c. For requisitioning miscellaneous consumable maintenance supplies or expendable supplies, use CTA 50-970.

d. USABLE ON CODE. The usable on code appears in the lower left corner of the Description column heading. Usable on codes are shown as "UOC" in the Description column (justified left) on the first line applicable item description/nomenclature. Uncoded items are applicable to all models.

e. This RPSTL does not contain illustrations for items listed in Section II, since the manufacturer's manuals contain exploded view illustrations which are adequate for repair parts location. Copies of the manufacturer's manuals are furnished with the equipment for which this RPSTL is prepared. The figure and item numbers in the listing are for locating the item within this RPSTL.

6. How to Locate Repair Parts

a. When National Stock Number or Part Number is Not Known.

(1) **First.** Refer to the parts list to locate the item by description. This list is listed in alphabetical sequence within each figure number.

(2) **Second.** After locating the item in the Repair Parts List, refer to the Part Number Index to find the NSN.

b. When National Stock Number or Part Number is Known.

(1) **First.** Using the Index of National Stock Numbers and Part Numbers, find the pertinent National Stock Number or Part Number. The NSN index is in National Item Identification Number (NIIN) sequence. The part numbers in the Part Number index are listed in ascending alphanumeric sequence. Both indexes cross-reference you to the illustration figure and item number of the item you are looking for.

(2) **Second.** After finding the figure and item number, verify that the item is the one you're looking for, then locate the item number in the repair parts list for the figure.

7. Abbreviations. Not applicable.

SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM NO	SMR CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
GROUP 0010					
FIGURE 1 RECEIVER,RADIO FREQUENCY					
VM-4A (93459)					
10	PAFFF	93459	190-245	AMPLIFIER MODULE ASSEMBLY 1A2.....	2
20	PAFZZ	93459	68-23	CABLE ASSEMBLY 1P1.....	1
30	PAFFF	93459	190-287-2	CIRCUIT CARD ASSEMB PACE/ROM 1A9A1	1
40	PAFFF	93459	190-287-3	CIRCUIT CARD ASSEMB RAM/ROM BUS	1
				BUFFER 1A9A2.....	
50	PAFFF	93459	190-287-4	CIRCUIT CARD ASSEMB FRONT PANEL.....	1
				CONTROLLER 1A9A3.....	
60	PAFFF	93459	190-287-5	CIRCUIT CARD ASSEMB RAM/ROM RS-232.....	1
				1A9A4.....	
70	PAFFF	93459	190-287-6	CIRCUIT CARD ASSEMB COMMAND/DATA.....	1
				1A9A5.....	
80	PAFFF	93459	190-287-7	CIRCUIT CARC ASSEMB L.E.D. PARALLEL	1
				I/O 1A9A7.....	
90	PAFFF	93459	190-287-8	CIRCUIT CARD ASSEMB IEEE INTERFACE.....	1
				1A9A8.....	
100	PAFFF	93459	190-62-1	CONTROL BOARD ASSEMBLY 1A8A3A1	1
				(FOR PARTS SEE GROUP 0080,FIGURE 8).....	
110	PAFFF	93459	190-60-1	CONTROL BOARD ASSEMBLY 1A8A2A1	1
				(FOR PARTS SEE GROUP 0070,FIGURE 7)	
120	PAFZZ	26916	010-005290-029	CONNECTOR BODY,PLUG 1A7S1P1	1
130	PAFZZ	00779	87165-1	CONTACT,ELECTRICAL 1A9J1.....	2
140	PAFZZ	09410	69-11-2	CONTROLLER,MOTOR 1B1	1
150	PAFFF	93459	190-272	MOTOR-GENERATOR MODULE ASSEMBLY	2
				1A5.....	
160	PAFFF	93459	190-2661	PANEL ASSEMBLY FRONT 1A7	1
170	PAFFF	93459	190-351	POWER SUPPLY ASSEMB	1
				(FOR PARTS SEE GROUP 0020,FIGURE 2).	
180	PAFFF	93459	190-21	POWER SUPPLY ASSEMB	1
				(FOR PARTS SEE GROUP 0030, FIGURE	
				3).....	
190	PAFFF	93459	190-41	REGULATOR BOARD ASSEMBLY 1A8A5.....	1
				(FOR PARTS SEE GROUP 0040,FIGURE 4).	
200	PAFLL	93459	190-169	STEP ATTENUATOR MODULE ASSEMBLY	2
				1A3.....	
210	PAFFF	93459	190-39	SWITCHING BOARD ASSEMBLY 1A8A3	1
				(FOR PARTS SEE GROUP 0050,FIGURE 5).	
220	PAFFF	93459	190-37	SWITCHING BOARD ASSEMBLY 1A8A2	1
				(FOR PARTS SEE GROUP 0060,FIGURE 6).	
230	PAFFF	93459	190-265	SYNCHRONOUS DETECTO MODULE ASSEMBLY	2
				1A4.....	

SECTION II

TM9-4931-526-34P

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
-------------------	--------------------	-------------	-----------------------	--	------------

GROUP 0020

 FIGURE 2 POWER SUPPLY MODULE
 190-351 (93459)

20	PAFFF	93459	190-44	FILTER BOARD ASSEMBLY 1A8A4	1
30	PAFZZ	93459	52-1-3SB	FUSE.....	2
40	PAFZZ	96214	412723-1	FUSEHOLDER,EXTRACTO	2
50	XDFZZ	83330	5083	TERMINAL,QUICK DISC	1

GROUP 0030

 FIGURE 3 POWER SUPPLY ASSEMBLY
 190-21 (93459)

10	PAFZZ	70903	8663	BRAID,WIRE	1
20	PAFZZ	81349	M39014/01-1345	CAPACITOR,FIXED,CER	1
30	PAFZZ	81349	M39014/01-1357	CAPACITOR,FIXED,CER	1
40	PAFZZ	81349	RCR20G390JS	RESISTOR,FIXED,COMP	1
50	PAFZZ	81349	RCR32G563JS	RESISTOR,FIXED,COMP	2
60	PAFZZ	81349	RNC55H1002FS	RESISTOR,FIXED,FILM.....	1
70	PAFZZ	81349	RNC55H1472FS	RESISTOR,FIXED,FILM.....	2
80	PAFZZ	81349	RNC55H3011FS	RESISTOR,FIXED,FILM.....	2
90	PAFZZ	81349	RNC55H1001FS	RESISTOR,FIXED,FILM.....	3
100	PAFZZ	81349	RNC55H2002FS	RESISTOR,FIXED,FILM.....	2
110	PAFZZ	81349	RWR74S5R62FR	RESISTOR,FIXED,WIRE.....	1
120	PAFZZ	09109	V150LA20A	RESISTOR,THERMAL	3
130	PAFZZ	04713	MR504	SEMICONDUCTOR DEVIC	4
140	PAFZZ	81349	JAN1N3064	SEMICONDUCTOR DEVIC	1
150	PAFZZ	81349	JAN1N5712	SEMICONDUCTOR DEVIC	1
160	PAFZZ	81349	M83519/1-5	SPLICE,CONDUCTOR.....	2
170	PAFZZ	18876	9175157	TERMINAL,LUG	1
180	PAFZZ	96906	MS77068-1	TERMINAL,LUG	1
190	PAFZZ	81349	SE16XC01	TERMINAL,STUD.....	1
200	PAFZZ	13499	648-5338-001	TRANSISTOR	4

GROUP 0040

 FIGURE 4 REGULATOR BOARD ASSEMBLY
 190-41 (93459)

10	PAFZZ	72982	811-000Z5UO-103M	CAPACITOR,FIXED,CER.....	1
20	PAFZZ	81349	M39014/01-1357	CAPACITOR,FIXED,CER.....	1
30	PAFZZ	81349	M39003/01-3094	CAPACITOR,FIXED,ELE.....	4
40	PAFZZ	81349	M39003/01-3006	CAPACITOR,FIXED,ELE.....	7
50	PAFZZ	30221	44B341335P1	CONTACT,ELECTRICAL.....	19
60	PAFZZ	04713	B51547F002	INSULATOR,BUSHING	11
70	PAFZZ	27014	LM117KSTEEL/883B	MICROCIRCUIT,LINEAR.....	2

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
80	PAFZZ	13499	351-1124-130	MICROCIRCUIT,LINEAR.....	1
90	PAFZZ	81349	RNC55H2370FS	RESISTOR,FIXED,FILM.....	3
100	PAFZZ	81349	RNC60H2153FS	RESISTOR,FIXED,FILM.....	3
110	PAFZZ	81349	RNC55H6811FS	RESISTOR,FIXED,FILM.....	1
120	PAFZZ	81349	RNC55H2150FS	RESISTOR,FIXED,FILM.....	1
130	PAFZZ	81349	RNC55H1960FS	RESISTOR,FIXED,FILM.....	1
140	PAFZZ	81349	RNC55H1002FS	RESISTOR,FIXED,FILM.....	4
150	PAFZZ	81349	RNC60H1963FS	RESISTOR,FIXED,FILM.....	2
160	PAFZZ	81349	RNC60H1473FS	RESISTOR,FIXED,FILM.....	1
170	PAFZZ	81349	RNC60H2613FS	RESISTOR,FIXED,FILM.....	1
180	PAFZZ	81349	RNC55H9091FS	RESISTOR,FIXED,FILM.....	1
190	PAFZZ	81349	RNC55H1003FS	RESISTOR,FIXED,FILM.....	1
200	PAFZZ	81349	RNC55H1000FS	RESISTOR,FIXED,FILM.....	1
210	PAFZZ	81349	RNC55H9092FS	RESISTOR,FIXED,FILM.....	1
220	PAFZZ	28480	2100-0554	RESISTOR,VARIABLE,N.....	3
230	PAFZZ	81349	JAN1N3064	SEMICONDUCTOR DEVIC.....	1
240	PAFZZ	81349	JANTX1N751A	SEMICONDUCTOR DEVIC.....	1
250	PAFZZ	81349	JANTX1N758A	SEMICONDUCTOR DEVIC.....	2
260	PAFZZ	04713	1N4001	SEMICONDUCTOR DEVIC.....	3
270	PAFZZ	13499	648-5338-001	TRANSISTOR.....	2
280	PAFZZ	50804	702-308027-001	TRANSISTOR.....	1
290	PAFZZ	80131	2N6545	TRANSISTOR.....	1
300	PAFZZ	80131	2N6055	TRANSISTOR.....	1

GROUP 0050
 FIGURE 5 SWITCHING BOARD ASSEMBLY
 190-39 (93459)

20	PAFZZ	28480	0180-2827	CAPACITOR,FIXED,ELE.....	5
30	PAFZZ	81349	M39003/01-3006	CAPACITOR,FIXED,ELE.....	4
40	PAFZZ	00853	052EE010T450B	CAPACITOR,FIXED,ELE.....	1
50	PAFLZ	04713	B51547F002	INSULATOR,BUSHING.....	8
60	PAFZZ	17773	11241287	MOUNTING PAD,ELECTR.....	4
70	PAFZZ	81349	RNC60K10R0FS	RESISTOR,FIXED,FILM.....	4
80	PAFZZ	81349	RNC55H1000FS	RESISTOR,FIXED,FILM.....	4
90	PAFZZ	80131	1N4934	SEMICONDUCTOR DEVIC.....	6
100	PAFZZ	81349	JAN1N3064	SEMICONDUCTOR DEVIC.....	4
110	PAFZZ	04713	1N4001	SEMICONDUCTOR DEVIC.....	8
120	PAFZZ	04713	MR851	SEMICONDUCTOR DEVIC.....	2
130	PAFZZ	80131	2N6545	TRANSISTOR.....	4

GROUP 0060
 FIGURE 6 SWITCHING BOARD ASSEMBLY
 190-37 (93459)

20	PAFZZ	27914	10251-0007	CAPACITOR,FIXED,ELE.....	1
30	PAFZZ	81349	M39003/01-3006	CAPACITOR,FIXED,ELE.....	4
40	PAFZZ	04713	B51547F002	INSULATOR,BUSHING.....	8

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
50	PAFZZ	13103	4860	KIT,MOUNTING	2
60	PAFZZ	17773	11241287	MOUNTING PAD,ELECTR.....	4
70	PAFZZ	81349	RNC60K10ROFS	RESISTOR,FIXED,FILM.....	4
80	PAFZZ	81349	RNC55H1000FS	RESISTORT,FIXED,FILM.....	4
90	PAFZZ	04713	IN4001	SEMICNDUCTOR DEVIC	8
100	PAFZZ	81349	JAN1N5550	SEMICGNDUCTOR DEVIC	1
110	PAFZZ	81349	JAN1N3064	SEMICONDUCTOR DEVIC	4
120	PAFZZ	80131	2N6545	TRANSISTOR	4

GROUP 0070
 FIGURE 7 CONTROL BOARD ASSEMBLY
 190-60-1 (93459)

10	PAFZZ	81349	M39014/01-1353	CAPACITOR,FIXED,CER.....	1
20	PAFZZ	81349	M39014/02-1419	CAPACITOR,FIXED,CER.....	1
30	PAFZZ	81349	M39014/02-1329	CAPACITOR,FIXED,CER.....	1
40	PAFZZ	81349	M39014/01-1593	CAPACITOR,FIXED,CER.....	2
50	PAFZZ	81349	M39014/01-1575	CAPACITOR,FIXED,CER.....	2
60	PAFZZ	56289	TVA1227	CAPACITOR,FIXED,ELE.....	1
70	PAFZZ	81349	CE11C100G	CAPACITOR,FIXED,ELE.....	1
80	PAFZZ	81349	M39003/01-2991	CAPACITOR,FIXED,ELE.....	1
90	PAFZZ	96214	539601-1	CONNECTOR,RECEPTACL.....	11
100	PAFZZ	17773	11241287	MOUNTING PAD,ELECTR.....	2
110	PAFZZ	81349	RNC55H2941FS	RESISTOR,FIXED,FILM.....	2
120	PAFZZ	81349	RNC55H1001FS	RESISTOR,FIXED,FILM.....	3
130	PAFZZ	81349	RNC55H5111FS	RESISTOR,FIXED,FILM.....	2
140	PAFZZ	81349	RNC55H2151FS	RESISTOR,FIXED,FILM.....	1
150	PAFZZ	81349	RNC55H4991FS	RESISTOR,FIXED,FILM.....	2
160	PAFZZ	81349	RNC55H1002FS	RESISTOR,FIXED,FILM.....	3
170	PAFZZ	81349	RNC55H68R1FS	RESISTOR,FIXED,FILM.....	2
180	PAFZZ	81349	RNC55H1003FS	RESISTOR,FIXED,FILM.....	2
190	PAFZZ	81349	RNC55H2152FS	RESISTOR,FIXED,FILM.....	1
200	PAFZZ	81349	RNC55H1050FS	RESISTOR,FIXED,FILM.....	1
210	PAFZZ	81349	RNC55H20R0FS	RESISTOR,FIXED,FILM.....	1
220	PAFZZ	81349	RNC55H2871FS	RESISTOR,FIXED,FILM.....	1
240	PAFZZ	81349	RNC55H1622FS	RESISTOR,FIXED,FILM.....	1
250	PAFZZ	81349	RNC55H4641FS	RESISTOR,FIXED,FILM.....	1
260	PAFZZ	80294	3009P1-102	RESISTOR,VARIABLE,N	1
270	PAFZZ	81349	JAN1N3611	SEMICONDUCTOR DEVIC	1
280	PAFZZ	81349	JAN1N3064	SEMICONDUCTOR DEVIC	2
290	PAFZZ	80131	1N4934	SEMICONDUCTOR DEVIC	2
300	PAFZZ	87557	9136C2021	TRANSISTOR	2
310	PAFZZ	13499	648-5338-001	TRANSISTOR	2

SECTION II

TM9-4931-526-34P

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
-------------------	--------------------	-------------	-----------------------	--	------------

GROUP 0080

FIGURE 8

CONTROL BOARD ASSEMBLY

190-62-1 (93459)

10	PAFZZ	81349	M39014/01-1593	CAPACITOR, FIXED, CER.....	1
20	PAFZZ	81349	M39014/01-1575	CAPACITOR, FIXED, CER.....	1
30	PAFZZ	81349	M39003/01-2977	CAPACITOR, FIXED, ELE.....	1
40	PAFZZ	81349	CE11C100G	CAPACITOR, FIXED, ELE.....	1
50	PAFZZ	56289	TVA1227	CAPACITOR, FIXED, ELE.....	1
60	PAFZZ	96214	539601-1	CONNECTOR, RECEPACL.....	8
70	PAFZZ	17773	11241287	MOUNTING PAD, ELECTR.....	2
80	PAFZZ	81349	RNC55H1001FS	RESISTOR, FIXED, FILM.....	2
90	PAFZZ	81349	RNC55H2002FS	RESISTOR, FIXED, FILM.....	1
100	PAFZZ	81349	RNC55H2941FS	RESISTOR, FIXED, FILM.....	1
110	PAFZZ	81349	RNC55H5111FS	RESISTOR, FIXED, FILM.....	3
120	PAFZZ	81349	RNC55H3321FS	RESISTOR, FIXED, FILM.....	1
130	PAFZZ	81349	RNC55H68R1FS	RESISTOR, FIXED, FILM.....	2
140	PAFZZ	81349	RNC55H1002FS	RESISTOR, FIXED, FILM.....	3
150	PAFZZ	81349	RNC55H1003FS	RESISTOR, FIXED, FILM.....	2
160	PAFZZ	81349	RNC55H2152FS	RESISTOR, FIXED, FILM.....	1
170	PAFZZ	81349	RNC55H2871FS	RESISTOR, FIXED, FILM.....	1
180	PAFZZ	81349	RNC55H2151FS	RESISTOR, FIXED, FILM.....	1
190	PAFZZ	81349	RNC55H1000FS	RESISTOR, FIXED, FILM.....	1
200	PAFZZ	80294	3009P1-102	RESISTOR, VARIABLE, N.....	1
210	PAFZZ	81349	JAN1N3064	SEMICONDUCTOR DEVIC.....	1
220	PAFZZ	81349	JAN1N3611	SEMICONDUCTOR DEVIC.....	1
230	PAFZZ	80131	1N4934	SEMICONDUCTOR DEVIC.....	2
240	PAFZZ	87557	9136C2021	TRANSISTOR.....	2
250	PAFZZ	13499	648-5338-001	TRANSISTOR.....	1

GROUP 0090

FIGURE 9 TRACKING OSCILLATOR

VM-4A/HO-2 (93459)

10	PAFFF	93459	190-253	AMPLIFIER, INTERMEDI IF AMPLIFIER.....	1
				2A3.....	
20	PAFZZ	93459	68-23	CABLE ASSEMBLY 2P1.....	1
30	PAFZZ	00779	87027-3	CONTACT, ELECTRICAL 2A1J8.....	2
40	PAFFF	93459	190-60-2	CONTROL BOARD ASSEM 2A8A2A1 (FOR.....	1
				PARTS SEE GROUP 0140, FIGURE 14).....	
50	PAFFF	93459	190-62-2	CONTROL BOARD ASSEM 2A8A3A1 (FOR.....	1
				PARTS SEE GROUP 0150, FIGURE 15).....	
60	PAFFF	93459	190-329	CONTROL BOARD, INTERFACE ASSEMBLY.....	1
				2A11.....	
70	PAFZZ	09410	69-11-2	CONTROLLER, MOTOR 2B1.....	1
80	PAFFF	93459	190-310	DIVIDER ASSEMBLY, MO LOW FREQUENCY	
				MULTIPLIER AND DIVIDER 2A5.....	1
90	PAFFF	93459	190-47	FILTER ASSEMBLY, BOA 2A8A4.....	1

SECTION II					
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR	FSCM	PART	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
NO	CODE		NUMBER		
100	PAFFF	93459	190-286	FILTER ASSEMBLY, LOO 2A4.....	1
110	PAFFF	93459	190-315	MODULE ASSEMBLY MIXER BIAS SUPPLY.....	2
				2A9.....	
120	PAFFF	93459	190-321	MODULE ASSEMBLY 30 MHZ SELF TEST.....	1
				2A2.....	
130	PAFZZ	93459	190-305	OSCILLATOR, CRYSTAL ,LOW FREQUENCY.....	1
				OSCILLATOR 2A6.....	
140	PAFFF	93459	190-306	OSCILLATOR, CRYSTAL ,HIGH FREQUENCY.....	1
				OSCILLATOR 2A7.....	
145	PAFFF	93459	190-294	PANEL ASSEMBLY FRONT 2A10.....	1
150	PAFFF	93459	190-21	POWER SUPPLY ASSEMB 1A8A1 (FOR.....	1
				PARTS SEE GROUP 0160, FIGURE 16).....	
160	PAFFF	93459	190-328	POWER SUPPLY 2A8 (FOR PARTS SEE.....	1
				GROUP 0100, FIGURE 10).....	
170	PAFFF	93459	190-32	REGULATOR BOARD ASSEMBLY 2A8A5	1
				(FOR PARTS SEE GROUP 0110, FIGURE 11)	
180	PAFFF	93459	190-25	SWITCHING BOARD ,ASSEMBLY 2A8A2	1
				(FOR PARTS SEE GROUP 0120, FIGURE 12)	
190	PAFFF	93459	190-29	SWITCHING BOARD ASSEMBLY 2A8A3	1
				(FOR PARTS SEE GROUP 0130, FIGURE 13)	
				GROUP 0100	
				FIGURE 10 POWER SUPPLY	
				190-328 (93459)	
20	PAFZZ	96214	412723-1	FUSEHOLDER, EXTRACTO.....	2
30	XDFZZ	83330	5083	TERMINAL, QUICK DISC.....	1
				GROUP 0110	
				FIGURE 11 REGULATOR BOARD ASSEMBLY	
				190-32 (93459)	
10	PAFZZ	81349	M39003/01-3094	CAPACITOR, FIXED, ELE.....	10
20	PAFZZ	81349	M39003/01-3006	CAPACITOR, FIXED, ELE.....	14
30	PAFZZ	30221	44B341335P1	CONTACT, ELECTRICAL.....	16
40	PAFZZ	04713	B51547F002	INSULATOR, BUSHING.....	20
50	PAFZZ	27014	LM117KSTEEL/8838	MICROCIRCUIT, LINEAR.....	6
60	PAFZZ	81349	RNC55H1003FS	RESISTOR, FIXED, FILM.....	1
70	PAFZZ	81349	RNC55H9092FS	RESISTOR, FIXED, FILM.....	1
80	PAFZZ	81349	RNC55H9091FS	RESISTOR, FIXED, FILM.....	1
90	PAFZZ	81349	RNC55H5111FS	RESISTOR, FIXED, FILM.....	1
100	PAFZZ	81349	RNC55H4021FS	RESISTOR, FIXED, FILM.....	1
110	PAFZZ	81349	RNC55H2611FS	RESISTOR, FIXED, FILM.....	1
120	PAFZZ	81349	RNC55H2431FS	RESISTOR, FIXED, FILM.....	3
130	PAFZZ	81349	RNC55H6490FS	RESISTOR, FIXED, FILM.....	2
140	PAFZZ	81349	RNC55H2370FS	RESISTOR, FIXED, FILM.....	8
150	PAFZZ	01121	E2A201	RESISTOR, VARIABLE, N.....	2
160	PAFZZ	28480	2100-0554	RESISTOR, VARIABLE, N.....	3

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
170	PAFZZ	01121	E2A102	RESISTOR,VARIABLE,N	2
180	PAFZZ	04713	MR501	SEMICONDUCTOR DEVIC	2
190	PAFZZ	81349	JAN1N3611	SEMICONDUCTOR DEVIC	8
GROUP 0120					
FIGURE 12 SWITCHING BOARD ASSEMBLY					
190-25 (93459)					
20	PAFZZ	81349	M39003/01-3006	CAPACITOR,FIXED,ELE	4
30	PAFZZ	28480	0180-2827	CAPACITOR,FIXED,ELE	5
40	PAFZZ	27914	10251-0007	CAPACITOR,FIXED,ELE	3
50	PAFZZ	04713	B51547F002	INSULATOR,BUSHING	8
60	PAFZZ	13103	4860	KIT,MOUNTING	2
70	PAFZZ	17773	11241287	MOUNTING PAC,ELECTR	4
80	PAFZZ	81349	RNC55H1000FS	RESISTOR,FIXED,FILM	4
90	PAFZZ	81349	RNC60K10R0FS	RESISTOR,FIXED,FILM	4
100	PAFZZ	81349	JAN1N3064	SEMICONDUCTOR DEVIC	4
110	PAFZZ	80131	1N4933	SEMICONDUCTOR DEVIC	2
120	PAFZZ	81349	JAN1N3611	SEMICONDUCTOR DEVIC	8
130	PAFZZ	80131	1N4934	SEMICONDUCTOR DEVIC	4
140	PAFZZ	04713	MR851	SEMICONDUCTOR DEVIC	4
150	PAFZZ	80131	2N6545	TRANSISTOR	4
GROUP 0130					
FIGURE 13 SWITCHING BOARD ASSEMBLY					
190-29 (93459)					
20	PAFZZ	81349	M39003/01-3006	CAPACITOR,FIXED,ELE	4
30	PAFZZ	04713	851547F002	INSULATOR,BUSHING	8
40	PAFZZ	17773	11241287	MOUNTING PAC,ELECTR	4
50	PAFZZ	81349	RNC55H1000FS	RESISTOR,FIXED,FILM	4
60	PA-ZZ	81349	RNC60K10R0FS	RESISTOR,FIXED,FILM	4
70	PAFZZ	81349	JAN1N3611	SEMICONDUCTOR DEVIC	8
80	PAFZZ	81349	JAN1N3064	SEMICONDUCTOR DEVIC	4
90	PAFZZ	80131	1N4934	SEMICONDUCTOR DEVIC	2
100	PAFZZ	80131	2N6545	TRANSISTOR	4
GROUP 0140					
FIGURE 14 CONTROL BOARD ASSEMBLY					
190-60-2 (93459)					
10	PAFZZ	56289	TVA1227	CAPACITOR,FIXED,ELE	1
20	PAFZZ	81349	CE11C100G	CAPACITOR,FIXED,ELE	1
30	PAFZZ	81349	M39014/01-1593	CAPACITOR,FIXED,CER	2
40	PAFZZ	81349	M39014/01-1575	CAPACITOR,FIXED,CER	2
50	PAFZZ	81349	M39003/01-2991	CAPACITOR,FIXED,ELE	1

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
60	PAFZZ	81349	M39014/01-1353	CAPACITOR, FIXED, CER.....	1
70	PAFZZ	96214	539601-1	CONNECTOR, RECEPTACL.....	11
80	PAFZZ	17773	11241287	MOUNTING PAC, ELECTR.....	2
90	PAFZZ	81349	RNC55H2211FS	RESISTOR, FIXED, FILM.....	1
100	PAFZZ	81349	RNC55H2151FS	RESISTOR, FIXED, FILM.....	1
110	PAFZZ	81349	RNC55H2871FS	RESISTOR, FIXED, FILM.....	1
120	PAFZZ	81349	RNC55H2152FS	RESISTOR, FIXED, FILM.....	1
130	PAFZZ	81349	RNC55H1003FS	RESISTOR, FIXED, FILM.....	2
140	PAFZZ	81349	RNC55H68R1FS	RESISTOR, FIXED, FILM.....	2
150	PAFZZ	81349	RNC55H1002FS	RESISTOR, FIXED, FILM.....	3
160	PAFZZ	81349	RNC55H4991FS	RESISTOR, FIXED, FILM.....	2
170	PAFZZ	81349	RNC55H5111FS	RESISTOR, FIXED, FILM.....	2
180	PAFZZ	81349	RNC55H1001FS	RESISTOR, FIXED, FILM.....	3
190	PAFZZ	81349	RNC55H2941FS	RESISTOR, FIXED, FILM.....	1
200	PAFZZ	81349	RNC55H2002FS	RESISTOR, FIXED, FILM.....	1
210	PAFZZ	81349	RNC55H4641FS	RESISTOR, FIXED, FILM.....	1
220	PAFZZ	80294	3009P1-102	RESISTOR, VARIABLE, N.....	1
230	PAFZZ	80131	1N4934	SEMICONDUCTOR DEVIC.....	2
240	PAFZZ	81349	JAN1N3064	SEMICONDUCTOR DEVIC.....	2
250	PAFZZ	81349	JAN1N3611	SEMICONDUCTOR DEVIC.....	1
260	PAFZZ	13499	648-5338-001	TRANSISTOR.....	2
270	PAFZZ	87557	9136C2021	TRANSISTOR.....	2

GROUP 0150
 FIGURE 15 CONTROL BOARD ASSEMBLY
 190-62-2 (93459)

15	PAFZZ	81349	M39014/01-1593	CAPACITOR, FIXED, CER.....	1
20	PAFZZ	81349	439003/01-2977	CAPACITOR, FIXED, ELE.....	1
30	PAFZZ	81349	M39014/01-1575	CAPACITOR, FIXED, CER.....	1
40	PAFZZ	81349	CE11C100G	CAPACITOR, FIXED, ELE.....	1
50	PAFZZ	56289	TVA1227	CAPACITOR, FIXED, ELE.....	1
60	PAFZZ	96214	539601-1	CCNNECTOR, RECEPTACL.....	10
70	PAFZZ	17773	11241287	MOUNTING PAD, ELECTR.....	2
80	PAFZZ	81349	RNC55H1000FS	RESISTOR, FIXED, FILM.....	1
90	PAFZZ	81349	RNC55H2151FS	RESISTOR, FIXED, FILM.....	1
100	PAFZZ	81349	RNC55H2871FS	RESISTOR, FIXED, FILM.....	1
110	PAFZZ	81349	RNC55H2152FS	RESISTOR, FIXED, FILM.....	1
120	PAFZZ	81349	RNC55H1003FS	RESISTOR, FIXED, FILM.....	2
130	PAFZZ	81349	RNC55H1002FS	RESISTOR, FIXED, FILM.....	3
140	PAFZZ	81349	RNC55H68R1FS	RESISTOR, FIXED, FILM.....	2
150	PAFZZ	81349	RNC55H3321FS	RESISTOR, FIXED, FILM.....	1
160	PAFZZ	81349	RNC55H5111FS	RESISTOR, FIXED, FILM.....	3
170	PAFZZ	81349	RNC55H2941FS	RESISTOR, FIXED, FILM.....	1
180	PAFZZ	81349	RNC55H3922FS	RESISTOR, FIXED, FILM.....	1
190	PAFZZ	81349	RNC55H1001FS	RESISTOR, FIXED, FILM.....	2
200	PAFZZ	80294	3009P1-102	RESISTOR, VARIABLE, N.....	1
210	PAFZZ	81349	JAN1N3064	SEMICONDUCTOR DEVIC.....	1
220	PAFZZ	80131	1N4934	SEMICONDUCTOR DEVIC.....	2
230	PAFZZ	81349	JAN1N3611	SEMICONDUCTOR DEVIC.....	1

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE UNION CODES (UOC)	(6) QTY
240	PAFZZ	13499	648-5338-001	TRANSISTOR	1
250	PAFZZ	87557	9136C2021	TRANSISTOR	2
GROUP 0160 FIGURE 16 POWER SUPPLY ASSEMBLY 190-21 (93459)					
20	PAFZZ	70903	8663	BRAID,WIRE	1
25	PAFZZ	81349	M39014/01-1345	CAPACITOR, FIXED, CER	1
30	PAFZZ	81349	M39014/01-1357	CAPACITOR, FIXED, CER	1
40	PAFZZ	81349	RCR20G390JS	RESISTOR ,FIXED,COMP	1
50	PAFZZ	81349	RCR32G563JS	RESISTOR, FIXED, COMP	2
60	PAFZZ	81349	RNC55H1002FS	RESISTOR, FIXED, FILM	1
70	PAFZZ	81349	RNC55H1472FS	RESISTOR, FIXED, FILM	2
80	PAFZZ	81349	RNC55H3011FS	RESISTOR, FIXED, FILM	2
90	PAFZZ	81349	RNC55H1001FS	RESISTOR, FIXED, FILM	3
100	PAFZZ	81349	RNC55H2002FS	RESISTOR, FIXED, FILM	2
110	PAFZZ	81349	RWR74S5R62FR	RESISTOR, FIXED, WIRE	1
120	PAFZZ	09109	V150LA20A	RESISTOR, THERMAL	3
130	PAFZZ	04713	MR504	SEMICONDUCTOR DEVIC	4
140	PAFZZ	81349	JAN1N3064	SEMICONDUCTOR DEVIC	1
150	PAFZZ	81349	JAN1N5712	SEMICONDUCTOR DEVIC	1
160	PAFZZ	06090	D142-52	SPLICE, CONDUCTOR	2
170	PAFZZ	18876	9175157	TERMINAL, LUG	1
180	PAFZZ	96906	MS77068-1	TERMINAL, LUG	1
190	PAFZZ	81349	SE16XC01	TERMINAL, STUD	1
200	PAFZZ	13499	648-5338-001	TRANSISTOR	4

NATIONAL STOCK NUMBER AND PART NUMBER INDEX
NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM.
5910-00-007-3974	7	80	5905-00-138-3376	16	90
	14	50	5905-00-138-7397	8	120
5910-00-010-8498	3	20		15	150
	16	25	5905-00-138-7399	7	130
5910-00-010-8666	3	30		8	110
	4	20		11	90
	16	30		14	170
5910-00-010-8717	7	40		15	160
	8	10	5905-00-141-1118	3	40
	14	30		16	40
	15	15	5905-00-150-0519	7	260
5910-00-010-8721	7	20		8	200
5920-00-018-1450	2	40		14	220
	10	20		15	200
5935-00-032-9619	7	90	5905-00-151-4657	4	120
	8	60	5905-00-151-4659	7	250
	14	70		14	210
	15	60	5905-00-152-8441	4	90
5961-00-048-7106	3	150		11	140
	16	150	5905-00-153-0205	4	150
5961-00-069-3641	7	300	5905-00-184-7792	4	160
	8	240	5905-00-186-2210	4	180
	14	270		11	80
	15	250	5905-00-186-2212	4	100
5940-00-082-5002	3	190	5910-00-189-4248	8	30
	16	190		15	20
5910-00-101-2382	7	30	5910-00-199-5335	7	10
5961-00-104-1398	4	240		14	60
5905-00-112-1233	3	80	5905-00-211-0488	7	200
	16	80	5905-00-223-2741	3	60
5910-00-113--5475	4	40		4	140
	5	30		7	160
	6	30		8	140
	11	20		14	150
	12	20		15	130
	13	20		16	60
5910-00-124-0659	7	50	5910-00-236-8766	4	30
	8	20		11	10
	14	40	5905-00-247-8735	3	50
	15	30		16	50
5905-00-137-4363	7	190	5905-00-250-3328	11	120
	8	160	5961-00-264-4875	4	300
	14	120	5961-00-278-9620	4	260
	15	110		5	110
5905-00-138-3361	11	130		6	90
5905-00-138-3376	3	90	5905-00-353-0109	4	220
	7	120		11	160
	8	80	5905-00-401-7432	4	190
	14	180		7	180
	15	190		8	150

NATIONAL STOCK NUMBER AND PART NUMBER INDEX
NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM.	
5905-00-401-7432	11	60	5910-00-702-6410	8	40	
	14	130		14	20	
	15	120		15	40	
5905-00-401-7433	7	240	5905-00-758-5011	7	220	
5905-00-403-4448	15	180		8	170	
5905-00-410-1577	14	90		14	110	
5905-00-412-4048	3	100	5910-00-787-7558	15	100	
	8	90		5	40	
	14	200		3	140	
5999-00-417-3868	16	100	5961-00-814-0768	4	230	
	4	50		5	100	
	9	30		6	110	
5961-00-419-5373	11	30	5905-00-828-2416	7	280	
	12	110		8	210	
	6	100		12	100	
5905-00-421-6187	4	110	5905-00-828-2416	13	80	
5905-00-422-5284	4	210		14	240	
5905-00-431-5155	11	70		5999-00-867-8666	15	210
	7	110	16		140	
	8	100	4		200	
5961-00-450-6361	14	190	6145-00-865-2058	5	80	
	15	170		6	80	
	5	90		8	190	
5905-00-473-2699	7	290	5999-00-867-8666	12	80	
	8	230		13	50	
	12	130		15	80	
5905-00-479-9945	13	90	5961-00-938-4977	3	10	
5905-00-481-1110	14	230		5961-00-957-6865	16	20
	15	220			5	60
	4	170	6		60	
5905-00-481-1321	3	70	5910-00-988-4949	7	100	
5905-00-481-1404	16	70		5940-01-010-1572	8	70
	7	150			12	70
	14	160	13		70	
5905-00-481-1404	11	110	5905-01-015-8116	14	40	
5905-00-481-8452	7	170		5910-00-988-4949	14	80
	8	130			15	70
	14	140	4		250	
5905-00-481-8452	15	140	5940-01-010-1572	7	270	
5905-00-481-8454	4	130		5905-01-015-8116	8	220
	7	140			11	190
	8	180	12		120	
5905-00-481-8456	14	100	5910-00-988-4949	13	70	
	15	90		14	250	
	11	100		15	230	
5940-00-578-9896	3	170	5940-01-010-1572	4	10	
5940-00-682-2477	16	170		5905-01-015-8116	16	160
	3	180			5	70
	16	180	6		70	
5910-00-702-6410	7	70	5905-01-015-8116	12	90	
				13	60	

NATIONAL STOCK NUMBER AND PART NUMBER INDEX
NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM.
5905-01-022-7424	3	110	6625-01-112-0131	2	30
	16	110	4931-01-124-6327	2	20
5961-01-023-7427	11	180	4931-01-125-0173	9	60
5905-01-025-6914	7	210	4931-01-125-0174	9	90
5826-01-037-7276	6	50	4931-01-125-0175	9	100
	12	60	4931-01-125-0176	9	120
5910-01-039-4531	6	20	4931-01-125-0177	9	80
	12	40	4931-01-125-0178	9	145
5962-01-048-6860	4	70	4931-01-125-0179	9	170
	11	50	4931-01-125-0180	9	180
5970-01-049-0963	4	60	4931-01-125-0288	9	160
	5	50	4931-01-125-0298	9	10
	6	40	4931-01-125-6088	9	40
	11	40	4931-01-125-9253	9	50
	12	50	5955-01-129-3839	9	130
	13	30	5963-01-132-0991	9	140
5961-01-050-7909	5	120	5940-01-135-7079	3	160
	12	140	4931-01-142-2621	1	190
5910-01-053-3976	7	60	4931-01-142-9562	1	70
	8	50	4931-01-142-9563	1	90
	14	10	4931-01-143-3188	1	230
	15	50	4931-01-143-3190	1	210
5999-01-056-1646	1	130	4931-01-143-3191	1	100
5962-01-062-2739	4	80	4931-01-143-3221	1	50
5905-01-062-7454	3	120	4931-01-143-4517	1	10
	16	120	4931-01-143-4518	1	220
5905-01-064-9095	11	170	6695-01-143-4519	9	190
6110-01-071-3366	1	140	4931-01-143-4557	1	30
	9	70	4931-01-143-4558	1	60
5910-01-072-8492	5	20	4931-01-143-4559	1	80
	12	30	4931-01-146-0866	1	110
5935-01-078-3483	1	120	4931-01-146-3458	1	160
5961-01-087-9950	3	130	4931-01-146-3459	1	200
	16	130	6695-01-146-9203	9	110
5961-01-095-8468	4	290	6130-01-149-3639	1	170
	5	130	6130-01-149-3640	1	180
	6	120		9	150
	12	150	6125-01-150-2844	1	150
	13	100	4931-01-154-3961	1	40
6695-01-102-4338	1	20			
	9	20			
5961-01-102-6553	3	200			
	4	270			
	7	310			
	8	250			
	14	260			
	15	240			
	16	200			
5905-01-103-7881	11	150			
5961-01-105-1704	4	280			

**NATIONAL STOCK NUMBER AND PART NUMBER INDEX
PART NUMBER INDEX**

FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM			
04713	B51547F002	5970-01-049-0963	4	60			
			5	50			
			6	40			
			11	40			
			12	50			
			13	30			
81349	CE11C100G	5910-00-702-6410	7	70			
			8	40			
			14	20			
			15	40			
			16	160			
06090	D142-52	5940-01-010-1572	16	160			
01121	E2A102	5905-01-064-9095	11	170			
01121	E2A201	5905-01-103-7881	11	150			
81349	JANTX1N751A	5961-00-104-1398	4	240			
81349	JANTX1N758A	5961-00-938-4977	4	250			
81349	JAN1N3064	5961-00-814-0768	3	140			
			4	230			
			5	100			
			6	110			
			7	280			
			8	210			
			12	100			
			13	80			
			14	240			
			15	210			
			16	140			
			81349	JAN1N3611	5961-00-957-6865	7	270
						8	220
						11	190
						12	120
13	70						
14	250						
15	230						
16	150						
81349	JAN1N5550	5961-00-421-3002	6	100			
81349	JAN1N5712	5961-00-048-7106	3	150			
			16	150			
27014	LM117KSTEEL/8838	5962-01-048-6860	4	70			
04713	MR501	5961-01-023-7427	11	50			
			11	180			
04713	MR504	5961-01-087-9950	3	130			
			16	130			
04713	MR851	5961-01-050-7909	5	120			
96906	MS77068-1	5940-00-682-2477	12	140			
			3	180			
81349	M39003/01-2977	5910-00-189-4248	16	180			
			8	30			
81349	M39003/01-2991	5910-00-007-3974	15	20			
			7	80			
81349	M39003/01-3006	5910-00-113-5475	14	50			
			4	40			
			5	30			

**NATIONAL STOCK NUMBER AND PART NUMBER INDEX
PART NUMBER INDEX**

FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
81349	M39003/01-3006	5910-00-113-5475	6	30
			11	20
			12	20
			13	20
81349	M39003/01-3094	5910-00-236-8766	4	30
			11	10
81349	M39014/01-1345	5910-00-010-8498	3	20
			16	25
81349	M39014/01-1353	5910-00-199-5335	7	10
			14	60
81349	M39014/01-1357	5910-00-010-8666	3	30
			4	20
			16	30
			7	50
81349	M39014/01-1575	5910-00-124-0659	8	20
			14	40
			15	30
			7	40
81349	M39014/01-1593	5910-00-010-8717	8	10
			14	30
			15	15
			7	30
81349	M39014/02-1329	5910-00-101-2382	7	30
81349	M39014/02-1419	5910-00-010-8721	7	20
81349	M83519/1-5	5940-01-135-7079	3	160
81349	RCR20G390JS	5905-00-141-1118	3	40
			16	40
81349	RCR32G563JS	5905-00-247-8735	3	50
			16	50
81349	RNC55H1000FS	5905-00-828-2416	4	200
			5	80
			6	80
			8	190
			12	80
			13	50
			15	80
			3	90
81349	RNC55H1001FS	5905-00-138-3376	7	120
			8	80
			14	180
			15	190
			16	90
81349	RNC55H1002FS	5905-00-223-2741	3	60
			4	140
			7	160
			8	140
			14	150
			15	130
			16	60
81349	RNC55H1003FS	5905-00-401-7432	4	190
			7	180
			8	150

**NATIONAL STOCK NUMBER AND PART NUMBER INDEX
PART NUMBER INDEX**

FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
81349	RNC55H1003FS	5905-00-401-7432	11	60
			14	130
			15	120
81349	RNC55H1050FS	5905-00-211-0488	7	200
81349	RNC55H1472FS	5905-00-479-9945	3	70
			16	70
81349	RNC55H1622FS	5905-00-401-7433	7	240
81349	RNC55H1960FS	5905-00-481-8452	4	130
81349	RNC55H20R0FS	5905-01-025-6914	7	210
81349	RNC55H2002FS	5905-00-412-4048	3	100
			8	90
			14	200
			16	100
81349	RNC55H2150FS	5905-00-151-4657	4	120
81349	RNC55H2151FS	5905-00-481-8454	7	140
			8	180
			14	100
			15	90
81349	RNC55H2152FS	5905-00-137-4363	7	190
			8	160
			14	120
			15	110
81349	RNC55H2211FS	5905-00-410-1577	14	90
81349	RNC55H2370FS	5905-00-152-8441	4	90
			11	140
			11	120
81349	RNC55H2431FS	5905-00-250-3328	11	120
81349	RNC55H2611FS	5905-00-481-1321	11	110
81349	RNC55H2871FS	5905-00-758-5011	7	220
			8	170
			14	110
			15	100
81349	RNC55H2941FS	5905-00-431-5155	7	110
			8	100
			14	190
			15	170
81349	RNC55H3011FS	5905-00-112-1233	3	80
81349	RNC55H3321FS	5905-00-138-7397	16	80
			8	120
81349	RNC55H3922FS	5905-00-403-4448	15	150
81349	RNC55H3922FS	5905-00-403-4448	15	180
81349	RNC55H4021FS	5905-00-481-8456	11	100
81349	RNC55H4641FS	5905-00-151-4659	7	250
			14	210
81349	RNC55H4991FS	5905-00-481-1110	7	150
81349	RNC55H5111FS	5905-00-138-7399	14	160
			7	130
			8	110
			11	90
81349	RNC55H5111FS	5905-00-138-7399	14	170
			15	160
			11	130
81349	RNC55H6490FS	5905-00-138-3361	11	130

**NATIONAL STOCK NUMBER AND PART NUMBER INDEX
PART NUMBER INDEX**

FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
81349	RNC55H68R1FS	5905-00-481-1404	7	170
			8	130
			14	140
			15	140
81349	RNC55H6811FS	5905-00-421-6187	4	110
81349	RNC55H9091FS	5905-00-186-2210	4	180
			11	80
81349	RNC55H9092FS	5905-00-422-5284	4	210
			11	70
81349	RNC60H1473FS	5905-00-184-7792	4	160
81349	RNC60H1963FS	5905-00-153-0205	4	150
81349	RNC60H2153FS	5905-00-186-2212	4	100
81349	RNC60H2613FS	5905-00-473-2699	4	170
81349	RNC60K10R0FS	5905-01-015-8116	5	70
			6	70
			12	90
			13	60
81349	RWR74S5R62FR	5905-01-022-7424	3	110
81349	SE16XC01	5940-00-082-5002	16	110
			3	190
56289	TVA1227	5910-01-053-3976	16	190
			7	60
09109	V150LA20A	5905-01-062-7454	8	50
			14	10
			15	50
			3	120
26916	010-005290-029	5935-01-078-3483	16	120
			1	120
28480	0180-2827	5910-01-072-8492	5	20
			12	30
00853	052EE010T450B	5910-00-787-7558	5	40
04713	1N4001	5961-00-278-9620	4	260
			5	110
			6	90
			12	110
80131	1N4933	5961-00-419-5373	5	90
80131	1N4934	5961-00-450-6361	7	290
			8	230
			12	130
			13	90
			14	230
			15	220
			6	20
			12	40
27914	10251-0007	5910-01-039-4531	5	60
17773	11241287	5999-00-867-8666	6	60
			7	100
			8	70
			12	70
			13	40
			14	80

**NATIONAL STOCK NUMBER AND PART NUMBER INDEX
PART NUMBER INDEX**

FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
17773	11241287	5999-00-867-8666	15	70
93459	190-169	4931-01-146-3459	1	200
93459	190-21	6130-01-149-3640	1	180
			9	150
93459	190-245	4931-01-143-4517	1	10
93459	190-25	4931-01-125-0180	9	180
93459	190-253	4931-01-125-0298	9	10
93459	190-265	4931-01-143-3188	1	230
93459	190-266	4931-01-146-3458	1	160
93459	190-272	6125-01-150-2844	1	150
93459	190-286	4931-01-125-0175	9	100
93459	190-287-2	4931-01-143-4557	1	30
93459	190-287-3	4931-01-154-3961	1	40
93459	190-287-4	4931-01-143-3221	1	50
93459	190-287-5	4931-01-143-4558	1	60
93459	190-287-6	4931-01-142-9562	1	70
93459	190-287-7	4931-01-143-4559	1	80
93455	190-287-8	4931-01-142-9563	1	90
93459	190-29	6695-01-143-4519	9	190
93459	190-294	4931-01-125-0178	9	145
93459	190-305	5955-01-129-3839	9	130
93459	190-306	5963-01-132-0991	9	140
93459	190-310	4931-01-125-0177	9	80
93459	190-315	6695-01-146-9203	9	110
93459	190-32	4931-01-125-0179	9	170
93459	190-321	4931-01-125-0176	9	120
93459	190-328	4931-01-125-0288	9	160
93459	190-329	4931-01-125-0173	9	60
93459	190-351	6130-01-149-3639	1	170
93459	190-37	4931-01-143-4518	1	220
93459	190-39	4931-01-143-3190	1	210
93459	190-41	4931-01-142-2621	1	190
93459	190-44	4931-01-124-6327	2	20
93459	190-47	4931-01-125-0174	9	90
93459	190-60-1	4931-01-146-0866	1	110
93459	190-60-2	4931-01-125-6088	9	40
93459	190-62-1	4931-01-143-3191	1	100
93459	190-62-2	4931-01-125-9253	9	50
80131	2N6055	5961-00-264-4875	4	300
80131	2N6545	5961-01-095-8468	4	290
			5	130
			6	120
			12	150
			13	100
28480	2100-0554	5905-00-353-0109	4	220
			11	160
80294	3009P1-102	5905-00-150-0519	7	260
			8	200
			14	220
			15	200
13499	351-1124-130	5962-01-062-2739	4	80

**NATIONAL STOCK NUMBER AND PART NUMBER INDEX
PART NUMBER INDEX**

FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
96214	412723-1	5920-00-018-1450	2	40
			10	20
30221	44B341335P1	5999-00-417-3868	4	50
			11	30
13103	4860	5826-01-037-7276	6	50
			12	60
83330	5083		2	50
			10	30
93459	52-1-3SB	6625-01-112-0131	2	30
96214	539601-1	5935-00-032-9619	7	90
			8	60
			14	70
			15	60
13499	648-5338-001	5961-01-102-6553	3	200
			4	270
			7	310
			8	250
			14	260
			15	240
			16	200
93459	68-23	6695-01-102-4338	1	20
			9	20
09410	69-11-2	6110-01-071-3366	1	140
			9	70
50804	702-308027-001	5961-01-105-1704	4	280
72982	811-000Z5U0-103M	5910-00-988-4949	4	10
70903	8663	6145-00-865-2058	3	10
			16	20
00779	87027-3	5999-00-417-3868	9	30
00779	87165-1	5999-01-056-1646	1	130
87557	9136C2021	5961-00-069-3641	7	300
			8	240
			14	270
			15	250
18876	9175157	5940-00-578-9896	3	170
			16	170

By Order of the Secretary of the Army:

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

Official:

DON J. DELANDRO
Brigadier General, United States Army
The Adjutant General

Distribution:

To be distributed in accordance with DA Form 12-34C, Block No. 319, requirements for calibration procedures publications.

*U.S. GOVERNMENT PRINTING OFFICE 1985-546-944/19395