ORGANIZATIONAL MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS FOR RADIO SETS

AN/FRC-154(V)1 (NSN 5820-00-461-0733)
AN/FRC-154(V)2 (NSN 5820-00-461-0736)
AN/FRC-154(V)3 (NSN 5820-00-461-0738)
AN/FRC-154(V)4 (NSN 5820-00-461-0739)
AN/FRC-154(V)5 (NSN 5820-00-461-0740)
AN/FRC-154(V)6 (NSN 5820-00-461-0741)
AN/FRC-154(V)7 (NSN 5820-00-461-0742)
AN/FRC-154(V)8 (NSN 5820-00-461-0751)
AN/FRC-154(V)9 (NSN 5820-00-461-0752)
AN/FRC-154(V)10 (NSN 5820-00-461-0765)
AN/FRC-154(V)11 (NSN 5820-00-461-0821)
AN/FRC-154(V)12 (NSN 5820-00-461-0842)
AN/FRC-154(V)13 (NSN 5820-00-461-0844)
AN/FRC-154(V)14 (NSN 5820-00-461-0856)
AN/FRC-154(V)15 (NSN 5820-00-461-0857)
AN/FRC-154(V)16 (NSN 5820-00-461-0858)
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AN/FRC-154(V)18 (NSN 5820-00-461-0860)
AN/FRC-154(V)19 (NSN 5820-00-461-0861)
AN/FRC-154(V)20 (NSN 5820-00-461-0862)
AN/FRC-154(V)21 (NSN 5820-00-813-6560)
AN/FRC-154(V)22 (NSN 5820-00-461-0864)
AN/FRC-154(V)23 (NSN 5820-00-222-4637)
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AN/FRC-154(V)26 (NSN 5820-00-461-0866)
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DEPARTMENTS OF THE ARMY AND THE AIR FORCE

APRIL 1979

TM 11-5820-792-20P
TO 31 R5-4-50-84

TECHNICAL MANUAL
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DEPARTMENTS OF THE ARMY

AND THE AIR FORCE

TECHNICAL ORDER
TO 31R5-4-50-84

WASHINGTON, DC, 20 April 1979

ORGANIZATIONAL MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS FOR RADIO SETS

AN/FRC-154(V)1 (NSN 5820-00-461-0733), AN/FRC-154(V)2 (NSN 5820-00-461-0736), AN/FRC-154(V)3 (NSN 5820-00-461-0738), AN/FRC-154(V)4 (NSN 5820-00-461-0739), AN/FRC-154(V)5 (NSN 5820-00-461-0740), AN/FRC-154(V)6 (NSN 5820-00-461-0741), AN/FRC-154(V)7 (NSN 5820-00-461-0742), AN/FRC-154(V)8 (NSN 5820-00-461-0751), AN/FRC-154(V)9 (NSN 5820-00-461-0752), AN/FRC-154(V)10 (NSN 5820-00-461-0765), AN/FRC-154(V)11 (NSN 5820-00-461-0821), AN/FRC-154(V)12 (NSN 5820-00-461-0842), AN/FRC-154(V)13 (NSN 5820-00-461-0844), AN/FRC-154(V)14 (NSN 5820-00-461-0856), AN/FRC-154(V)15 (NSN 5820-00-461-0857), AN/FRC-154(V)16 (NSN 5820-00-461-0858), AN/FRC-154(V)17 (NSN 5820-00-461-0859), AN/FRC-154(V)18 (NSN 5820-00-461-0860), AN/FRC-154(V)19 (NSN 5820-00-461-0861), AN/FRC-154(V)20 (NSN 5820-00-461 -0862), AN/FRC-154(V)21 (NSN 5820-00-813-6560), AN/FRC-154(V)22 (NSN 5820-00-461-0864), AN/FRC-154(V)23 (NSN 5820-00-222-4637), AN/FRC-154(V)24 (NSN 5820-00-472-4003), AN/FRC-154(V)25 (NSN 5820-00-461-0865), AN/FRC-154(V)26 (NSN 5820-00-461-0866), AN/FRC-154(V)27 (NSN 5820-00-461-0867), and AN/FRC-154(V)28 (NSN 5820-00-461-0868)

Current as of 17 October 1978

REPORTING OF ERRORS

You can improve this manual by recommending improvement using DA Form 2028-2 located in the back of the manual. Simply tear out the self-addressed form, fill it out as shown on the sample, fold it where shown, and drop it in the mail.

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In either case a reply will be furnished direct to you.

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SECTION I
INTRODUCTION

1. Scope

This manual lists spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE) and other special support equipment required for performance of direct support and general support maintenance of the AN/FRC-154(V)1 through 28. It authorizes the requisitioning and issue of spares and repair parts as indicated by the source and maintenance codes.

2. General

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 for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in numeric sequence, with the parts in each group listed in figure and item number sequence.

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 numbers (NSN) appearing in the listings, followed by a list, in alphameric sequence, of all part numbers appearing in the listings National stock numbers and part numbers are cross- referenced to each illustration figure and item number appearance.

3. Explanation of Columns

a. Illustration. This column is divided as follows:

(1) Figure number. Indicates the figure number of the illustration on which the item is shown.

(2) Item number. The number used to identify item called out in the illustration.

b. Source, Maintenance, and Recoverability (SMR) Codes.

(3) Source code. Source codes indicate the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

Code	*Definition*
PA	-Item procured and stocked for anticipated or known usage.
XD-A	support item that is not stocked. When required, item will be procured through normal supply channels.

NOTE

Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XA and aircraft support items as restricted by AR 700-42.

(2) Maintenance code. Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

(a) The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position will indicate one of the following levels of maintenance:

Code	*ApplicationlExplanation*
O	-Support item is removed, replaced, used at the organizational level.

(b) The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). This position will contain one of the following maintenance codes:

Code	*ApplicationlExplanation*
F	-The lowest maintenance level capable of complete repair of the support item is the direct support level.
H	-The lowest maintenance level capable of complete repair of the support item is the general support level.
Z	-Nonreparable. No repair is authorized.

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

Recoverability Codes	*Definition*
Z	-Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.
F	-Reparable item. When uneconomically reparable, condemn and dispose at the direct support level.
H	-Reparable item. When uneconomically reparable, condemn and dispose at the general support level.
D	-Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.

c. National Stock Number. Indicates the National stock number assigned to the item and will be used for requisitioning purposes.

d. Part Number. 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 re-

Requirements to identify an item or range of items.

NOTE

When a stock numbered item is requisitioned, 5B2 the repair part received may have a different part number than the part being replaced.

e. Federal Supply Code for Manufacturer (FSCM). The FSCM is a 5-digit numeric code listed in SB 708-42 which is used to identify the manufacturer, distributor, or Government agency, etc.

f. Description. Indicates the Federal item name and, if required, a minimum description to identify the item.

g. Unit of Measure (UIM). Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea., in, pr, etc.). When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.

h. Quantity Incorporated in Unit. Indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly

4. Special Information

a. Usable on codes are shown in the description column. Uncoded items are applicable to all models. Identification of the usable on codes used in this publication are:

Code	***Used on***
SCT	AN/FRC-154(V)l
5BD	AN/FRC-154(V)2
5BE	AN/FRC-154(V)3
5BF	AN/FRC-154004
5BG	AN/FRC-154(V)5
5BH	AN/FRC-154(V)6
5BJ	AN/FRC-154(V)7
5BK	AN/FRC-154(V)8
5BL	AN/FRC-154(V)9
5BM	AN/FRC-154(V)10
5BN	AN/FRC-154(V) 11
5BP	AN/FRC-154(V)12
5BQ	AN/FRC-154(V)13
SBR	AN/FRC-154(V)14
SBS	AN/RC-154(V)15
5BT	AN/FRC-154(V)16
5BU	AN/FRC-154(V)17
5BV	AN/FRC-154(V) 18
5BW	AN/FRC-154(V)19
5BX	AN/FRC-154(V)20
5BY	AN/FRC-15400)21
5BZ	AN/FRC-154(V)22
5B1	AN/FRC-154(V)23
5B2	AN/FRC-154(V)24
5B3	AN/FRC-154(V)25
5B4	AN/FRC-154(V)26
5B5	AN/FRC-154(V)27
5B6	AN/FRC-154(V)28

b. The following publication pertains to the AN/FRC-154(V) 1 through 28 and its components: TM 11-5820-792-14, Radio Set AN/FRC-154(V) (Models 1 through 28)

c. The illustrations in this manual are identical to those published in TM 11-5820-792-34P. Only those parts assigned the third position SMR maintenance code "C" or "O" are *listed* in the tabular listing; therefore, there may be a break in the item number sequence. Only Illustrations containing organizational authorized items appear in this manual.

5. How to Locate Repair Parts

a. When National stock number or part number is unknown.

(1) *First.* Using the table of contents, determine the functional group within which the item belongs. This is necessary since illustrations are prepared for functional groups and listings are divided into the same groups.

(2) *Second.* Find the illustration covering the functional group to which the item belongs.

(3) Third. Identify the item on the illustration and note the illustration figure and item number of the item.

(4) Fourth. Using the Repair Parts Listing, find the figure and item number noted on the illustration.

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. This index is in NIIN sequence followed by a list of part numbers in alphameric sequence, cross-referenced to the illustration figure number and item number.

(2) *Second.* After finding the figure and item number, locate the figure and item number in the repair parts list.

6. Abbreviations

Not applicable.

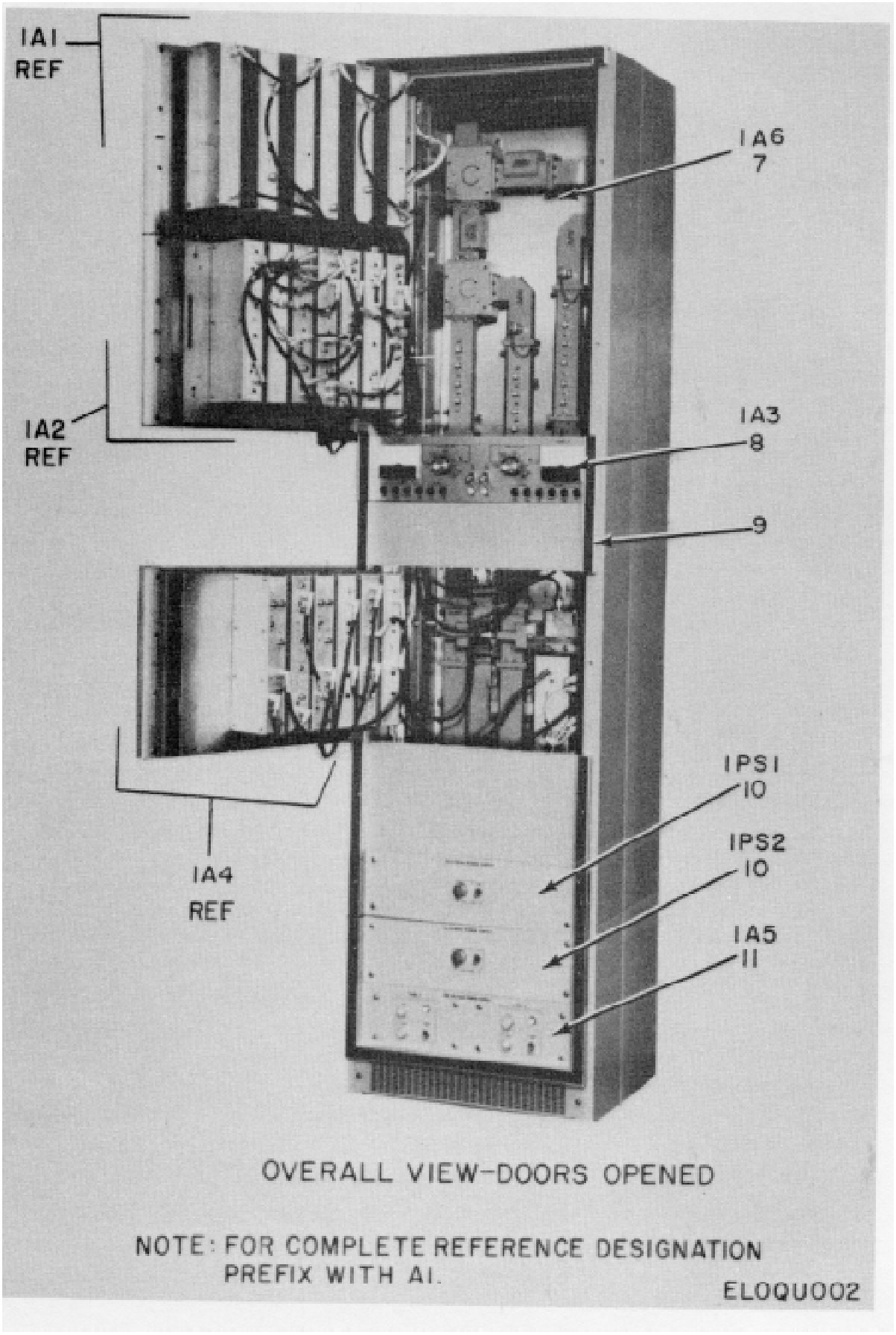

Figure 1. Radio Set AN/FRC-154(V)1 Thru 28