TECHNICAL MANUAL

ORGANIZATIONAL
MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)
FOR
ELECTRONICS EQUIPMENT CONFIGURATION
ARMY MODELS UH-1H AND UH-1V
WITH SLAE

HEADQUARTERS, DEPARTMENT OF THE ARMY
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TECHNICAL MANUAL

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HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, DC, *23 November 1982*

ORGANIZATIONAL MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS (INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS) FOR ELECTRONICS EQUIPMENT CONFIGURATION ARMY MODELS UH-1H AND UH-1V With SLAE Current as of 21 June 1982

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, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual direct to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: DRSEL-ME-MP, Fort Monmouth, NJ 07703.

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

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*This manual supersedes TM 11-1520-210-20P-1, 5 October 1978 including Change 1, 4 May 1979.

SECTION I

INTRODUCTION

1. Scope

This manual lists spares and repair parts; special tools; special test, measurement, and diagnostic equipment (IMDE), and other special support equipment required for performance of organizational maintenance of the UH-1H and UH-LV. 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 list 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 alphanumeric 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.

(1) *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.

PD--Support item, excluding support equipment, pro cured for initial issue or outfitting and stocked only for subsequent or additional initial issues or outfittings. Not subject to automatic replenishment.

XA--Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.

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 item.. 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 *Application/Explanation*

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 *Application/Explanation*

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.

D--The lowest maintenance level capable of complete repair of the support item is the depot level.

Z--Nonreparable. No repair is authorized.

(3) *Recoverability code.* Recoverability codes are signed 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.

A--Item requires special handling or condemnation procedures because of specific reasons (i.e., precious metal content, high dollar value, critical material or hazardous material). Refer to appropriate manuals/directives for specific instructions.

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

d. Federal Supply Code for Manufacturer (FSCM). The FSCM is a 5-digit numeric code listed in SB 708-41/42 which is used to identify the manufacturer, distributor, or Government agency, etc.

e. 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 requirements to identify an item or range of items.

NOTE

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

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

g. Unit of Measure (U/M). Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance function. This merge 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*
5H2	UH-1H
ETC	UH-1V

b. The following publications pertain to the UH-1H and UH-1V and its components:

TM 11-1520-210-20, Electronics Equipment Configuration With SLAE Communications, UH-1H and UH-1V.

c. National stock numbers (NSN's) that are missing from P source coded items have been applied for and will be added to this TM by future change/revision when they are entered in the Army Master Data File (AMDF). Until the NSN's are established and published, submit exception requisitions to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: DRSEL-MM, Fort Monmouth, New Jersey 07703 for the part required to support your equipment.

d. The illustrations in this manual are identical to those published in TM 11-1520-210-34P-1. 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 alphanumeric 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.

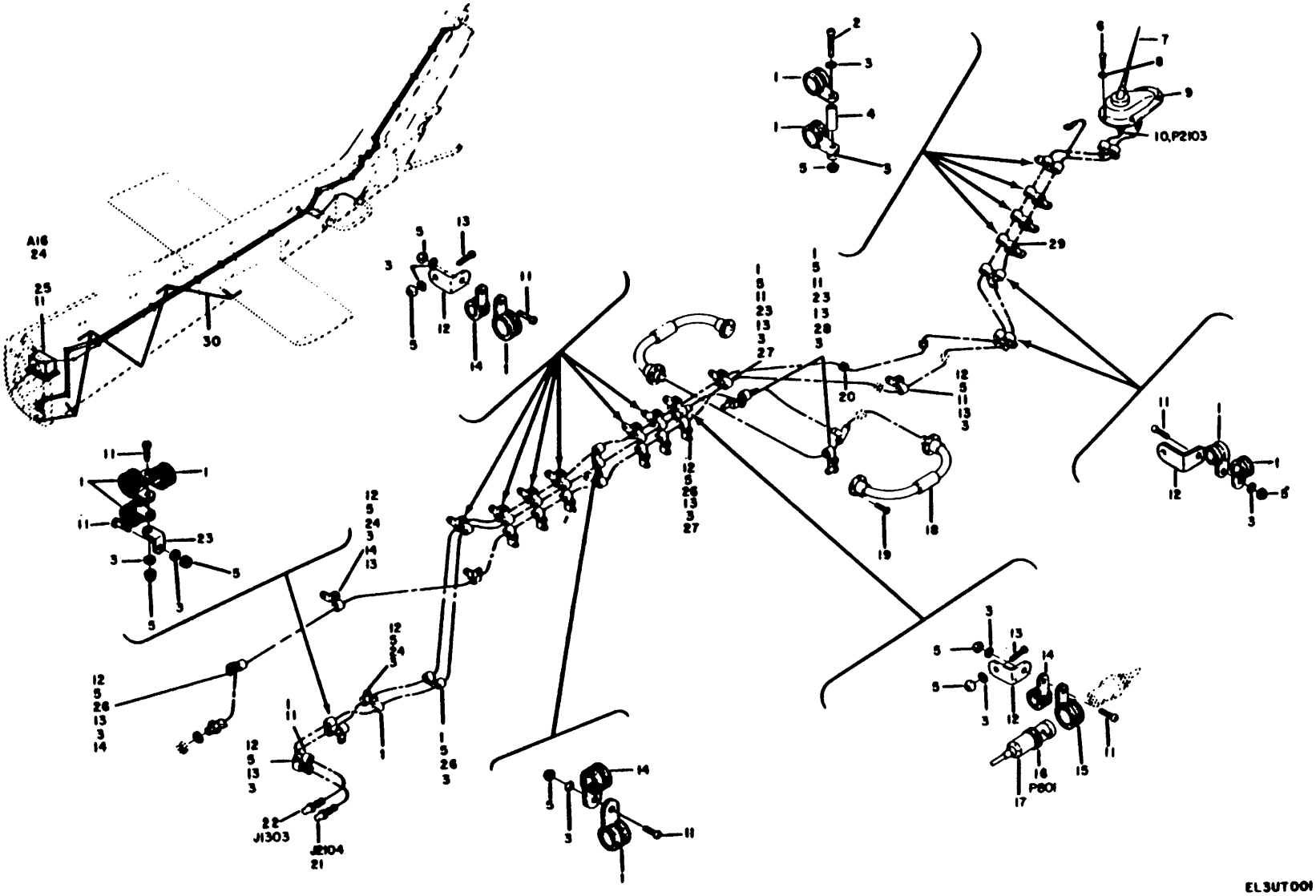

Figure 1. Electronics Equipment Configuration Army Model UH-1H and UH-1V With SLAE Communications Installation Aft Section (A).

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) FSCM	(5) PART NUMBER	(6) DESCRIPTION / USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 00 ELECTRONICS EQUIPMENT CONFIGURATION ARMY MODEL UH-1H WITH SLAE COMMUNICATIONS		
1	6	PAOZZ	5305-00-984-6193	96906	MS35206-245	SCREW , MACHINE 5M2	EA	3
1	7	PAOHH	5985-00-082-3991	80058	AS-1703/AR	ANTENNA 5M2	EA	1
1	8	PAOZZ	5310-00-905-5159	96906	MS35335-87	WASHER, LOCK 5M2	EA	5
1	9	PAOZZ	5985-00-082-3989	80058	CU-942/ARC-54	COUPLER, ANTENNA 5M2	EA	1
1	11	PAOZZ	5305-00-989-7434	96906	MS35207-263	SCEW, MACHINE 5M2	EA	16
1	18	PAOZZ	5826-00-739-4479	80058	AS-1304/ARN	ANTENNA 5M2	EA	1
1	19	XDOZZ		96906	MS24693-243	SCREW, MACHINE 5M2	EA	1
1	24	PAODD	5985-00-167-7898	80058	CU-1658/A	COUPLER, ANTENNA 5M2	EA	1
1	25	PAOZZ	5983-00-937-0415	80058	MT-3T85A	MOUNTING, ANTENNA 5M2	EA	1