

TECHNICAL MANUAL

**AVIATION UNIT AND INTERMEDIATE MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS
AND SPECIAL TOOLS)
FOR
HELICOPTER, UTILITY - TACTICAL TRANSPORT
UH-1B, UH-1C, UH-1H, UH-1M, EH-1H (BELL), UH-1V**

NSN 1520-00-713-9912 (UH-1B)
1520-00-997-8862 (UH-1C)
1520-00-087-7637 (UH-1H)
1520-00-809-2631 (UH-1M)
1520-00-368-8442 (EH-1H)
1520-01-043-4949 (UH-1V)

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**AVIATION UNIT AND INTERMEDIATE MAINTENANCE
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Current as of 1 January 1988

NOTE:

This manual is printed in three volumes as follows:

TM 55-1520-210-23P-1, consisting of Table of Contents, Section I, and Section II (Functional Groups 02 thru 06).

TM 55-1520-210-23P-2, consisting of Section II (Functional Groups 07 thru 14).

TM 55-1520-210-23P-3, consisting of Section II (Functional Groups 16 thru 60), Section III, and Section IV.

The Table of Contents, Sections I, and IV are applicable to the -1, -2, and -3.

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Section I. INTRODUCTION

1. Scope.

This manual lists repair parts; special tools; test, measurement, and diagnostic equipment (TMDE); and other support equipment required for operation and performance of Aviation Unit Maintenance (AVUM), Aviation Intermediate Maintenance (AVIM), and depot maintenance of the Helicopter, Utility - Tactical Transport, UH-1B, UH-1C, UH-1H, UH-1M, EH-1H (Bell), UH-1V. It authorized the requisitioning and issue of re-questioning spares and repair parts as indicated by the source and maintenance codes. NOTE: For detailed explanation of the three levels of maintenance concept, see Appendix A to this section.

2. General.

This Repair Parts and Special Tools List is divided into the following sections:

a. Section II. Repair Parts List. A list of 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. This section is arranged by functional group, usually in disassembly order, and listed in figure and item sequence. Items are indented when required to indicate the relationship to the next higher assembly. The illustrations in this section will appear immediately preceding each figure of text. Items which are not assigned SMR codes appear for informational purposes only and are not to be requisitioned.

b. Section III. Special Tools List. A list of special tools, TMDE, and support equipment authorized for the performance of maintenance. This section, which is arranged in figure and item number sequence, contains Airframe Tools (figure numbers prefixed A), Flyaway Equipment (figure numbers prefixed F) and Ground Support Items (figure numbers prefixed G). The illustrations will appear immediately following the text portion of each group.

c. Section IV. National Stock Number and Part Number Index. A list, in ascending National Item Identification Number (NIIN) sequence, of all National stock numbers appearing in the listings, followed by a list, in alphameric sequence, of all part numbers appearing in the listings. National stock number and part numbers are cross-referenced to each illustration figure and item

number appearance. This edition contains a Supplementary National Stock Number and Part Number index.

3. Explanation of Columns.

The following provides an explanation of columns found in the tabular listings:

a. Illustration. This column is divided as follows:

(1) Figure Number. Indicates the figure number of the illustration in which the item is shown. An alpha designator in this column indicates a specific functional group as follows:

KITS - Functional Group 50.

BULK - Functional Group 60.

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

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

(1) Source Code. Source codes are assigned to support items to 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.
PB	Item procured and stocked for insurance purposes because essentiality dictates that a minimum quantity be available in the supply systems.
PC	Item procured and stocked and which otherwise would be coded PA except that it is deteriorative in nature.

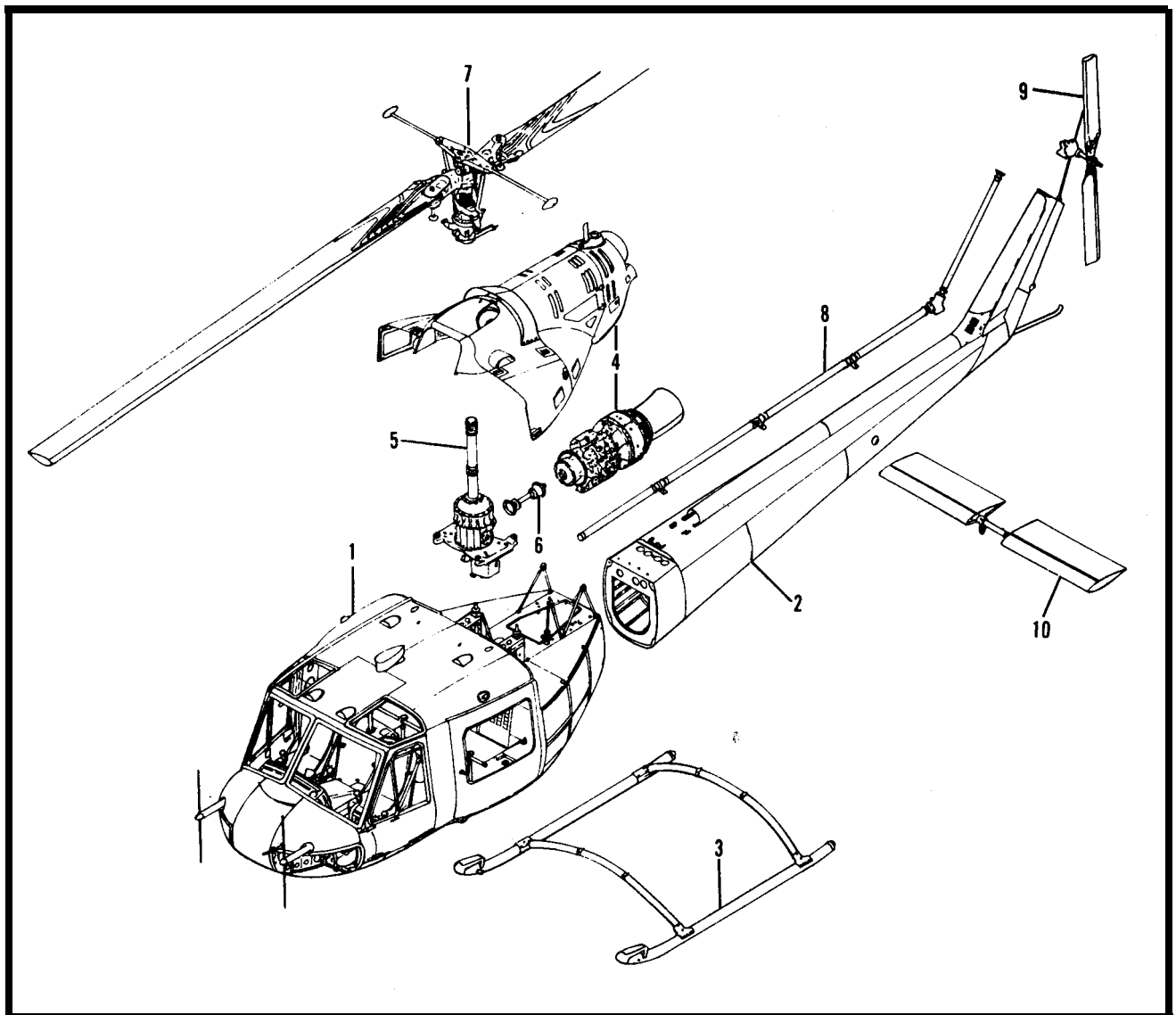


FIGURE 1. EXPLODED VIEW UH-1B HELICOPTER

INDEX NUMBER	FIGURE TITLE	FIGURE NUMBER
1	SECTION ASSEMBLY, HELICOPTER FORWARD	6
2	SECTION ASSEMBLY, HELICOPTER AFT	8
3	LANDING GEAR ASSEMBLY, SKID	92
4	POWER PLANT INSTALLATION	95
5	TRANSMISSION AND MAST ASSEMBLY	150
6	DRIVE SHAFT INSTALLATION, ENGINE TO TRANSMISSION	173
7	PYLON INSTALLATION, LOWER SECTION	128
8	SHAFT INSTALLATION, TAIL ROTOR DRIVE	178
9	HUB AND BLADE ASSEMBLY, TAIL ROTOR	147
10	ELEVATOR INSTALLATION, SYNCHRONIZED	379

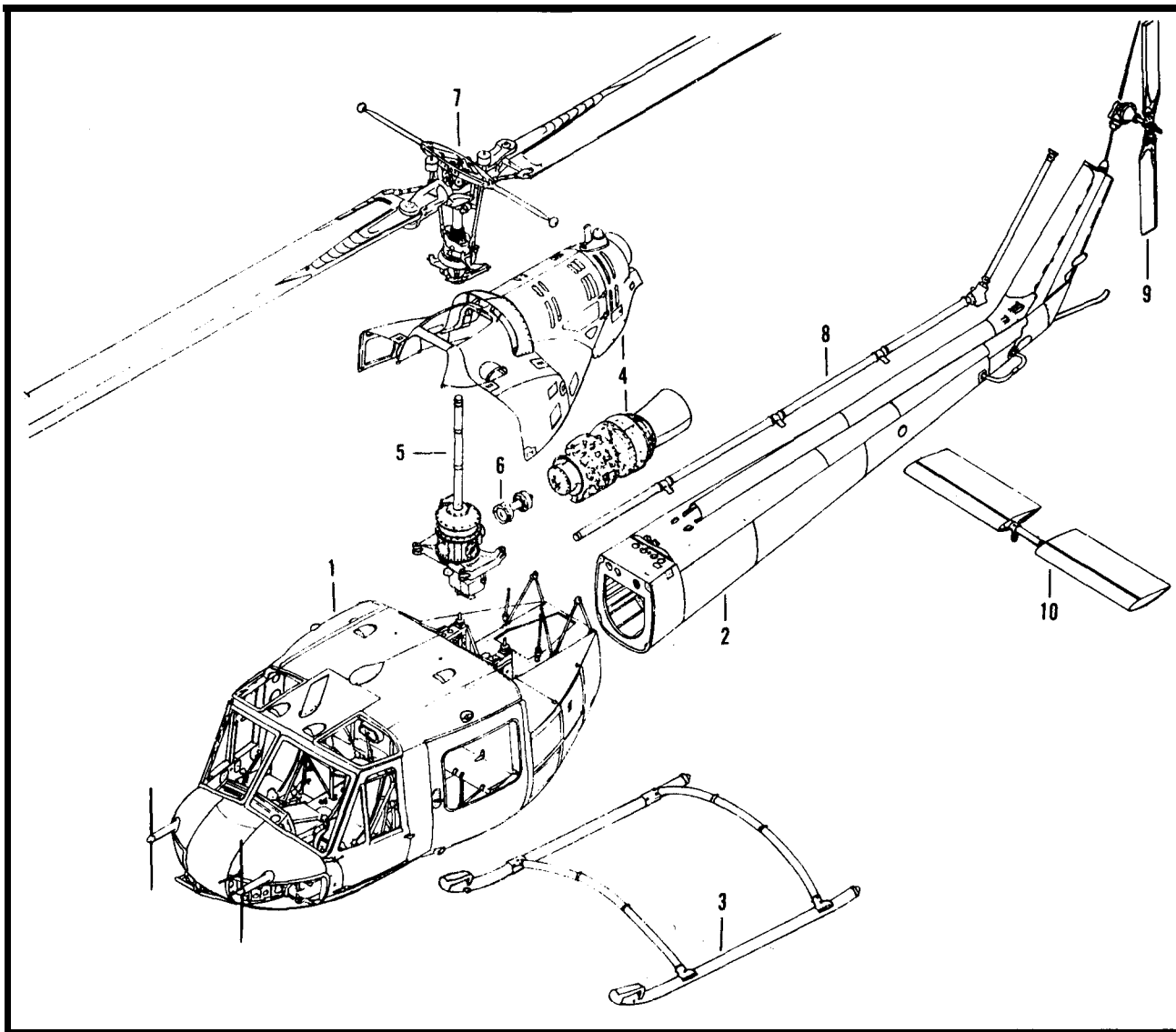


FIGURE 2. EXPLODED VIEW OF UH-1C, UH-1M HELICOPTER

INDEX NUMBER	FIGURE TITLE	FIGURE NUMBER
1	SECTION ASSEMBLY, HELICOPTER FORWARD	6
2	SECTION ASSEMBLY, HELICOPTER AFT	8
3	LANDING GEAR ASSEMBLY, SKID	92
4	POWER PLANT INSTALLATION	95
5	TRANSMISSION AND MAST ASSEMBLY	150
6	DRIVE SHAFT INSTALLATION, ENGINE TO TRANSMISSION	173
7	PYLON INSTALLATION, LOWER SECTION	128
8	SHAFT INSTALLATION, TAIL ROTOR DRIVE	178
9	HUB AND BLADE ASSEMBLY, TAIL ROTOR	147
10	ELEVATOR INSTALLATION, SYNCHRONIZED	379