

Technical Manual  
No. 55-1520-210-23-3

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, D.C., 30 September 1987

**AVIATION AND INTERMEDIATE  
MAINTENANCE INSTRUCTIONS  
ARMY MODEL UH-1H/V/EH-1H/X HELICOPTER**

**REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS**

You can help improve this manual. If you find mistakes or know of a way to improve these procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) located at the back of this manual, directly to: Commander, U.S. Army Aviation and Missile Command, ATTN: AMSAM-MMC-MA-NP, Redstone Arsenal, AL 35898-5000. A reply will be furnished to you. You may also provide DA Form 2028 information to AMCOM via e-mail, fax or the World Wide Web. Our fax number is DSN 788-6546 or Commercial (256) 842-6546. Our e-mail address is [2028@redstone.army.mil](mailto:2028@redstone.army.mil). Instructions for sending an electronic 2028 may be found at the back of this manual immediately preceding the hard copy 2028. For the World Wide Web use: <https://amcom2028.redstone.army.mil>.

**OZONE DEPLETING CHEMICALS INFORMATION**

This document has been reviewed for the presence of Class 1 Ozone Depleting Chemicals by the Engineering, Environment, and Logistics Oversight Office. As of the base document through change 9, dated 21 April 2003, all references to Class I Ozone Depleting Chemicals have been removed from this document by substitution with chemicals that do not cause atmospheric ozone depletion EXCEPT Bromotrifluoromethane (CF3BR); Fire Extinguisher Agent (Halon 1301). A waiver dated September 27, 1999 to allow continuing use of Halon 1301 has been graded in the UH-1.

**HAZARDOUS MATERIAL INFORMATION**

This document has been reviewed for the presence of SOLVENTS containing hazardous materials as defined by the EPCRA 302 and 313 lists by the Engineering, Environment, and Logistics Oversight Office. As of the base document through change 9, dated 21 April 2003, all references to SOLVENTS containing hazardous materials have been removed from this document by substitution with non-hazardous or less hazardous materials where possible.

**Distribution Statement A:** Approved for public release; distribution is unlimited.

**TABLE OF CONTENTS**

	Page
<b>CHAPTER 1. INTRODUCTION</b>	
Section I. Servicing .....	1-1
II. Lubrication.....	1-50
III. Handling, Jacking, Mooring, Hoisting, and Sling Loading.....	1-54
IV. Inspection Requirements .....	1-66
V. Overhaul and Retirement Schedule.....	1-110
VI. Flight Safety Critical Parts.....	1-115
<b>CHAPTER 2. AIRFRAME</b>	
Section I. Fuselage .....	2-1
II. Tailboom .....	2-193
<b>CHAPTER 3. ALIGHTING GEAR</b>	
Section I. Landing Gear .....	3-1
II. Skids/Struts .....	3-30
III. Floats .....	3-30
IV. Skis .....	3-30
V. Brakes .....	3-30