TECHNICAL MANUAL

NO. 55-1520-210-23-2

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

AVIATION UNIT AND INTERMEDIATE MAINTENANCE INSTRUCTIONS ARMY MODEL UH-IHNIEH-IHIX HELICOPTERS

REPORTING OF ERRORS

You can 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) located in the back of this manual directly to: Commander, U.S. Army Aviation and Missle 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. 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.

DISTRIBUTION STATEMENT A: Approved for public release; distribution Is unlimited.

TABLE OF CONTENTS

			Page
CHAPTER	1	INTRODUCTION	, age
Section	1	Servicing Lubrication	1-1
	11	Lubrication	1-50
	III	Handling, Jacking, Mooring, Hoisting, and Sling Loading	1-54
	IV	Inspection Requirements	1-66
	٧	Inspection Requirements Overhaul and Retirement Schedule	1-110
	VI	Flight Safety Critical Aircraft Parts (FSCAP) Program	1-115
CHAPTER	2	AIRFRAME STORY OF THE STORY OF	
Section	1	AIRFRAME Fuselage Tailboom	2-1
	Ħ	Tailboom	
CHAPTER 3	AUC	GHTING GEAR	
Section	1	Landing Gear	3-1
	11	Skids/Struts	3-30
	III	Floats	3-30
	IV	Skis	3-30
	٧	Brakes	3-30
CHAPTER 4	POV	VER PLANT	
Section	1	Power Plant	4-1
	11	Cooling System	4-13
	111	Cooling System	4-13
	IV	Exhaust System	4-42.7
	٧	Oil System	4-44
	VI	Ignition System	
	VII	Power Controls	4-41
	VIII	Quick Change Assembly (AVIM)	4-86