

# **FILE US ARMY TECHNICAL MANUAL OPERATORS MANUAL FOR ARMY MODEL AH 1F ATTACK HELICOPTER TM 1 1520 236 10 2001**

## **Manuals Combined - U.S. Army AH-1 Cobra Operator; Aviation Unit/Intermediate, Operator, Organizational, Field and Depot Maintenance; Repair Parts and Special Tool List; Nondestructive Testing; And Maintenance Test Flight Manuals**

Over 8,700 total pages! The types of manuals included are: 1) Operator 2) Aviation Unit/Intermediate, Operator, Organizational, Field and Depot Maintenance (body, turbine engine, electronics, radar and related parts) 3) Repair Parts and Special Tool List 4) Nondestructive Testing 5) Maintenance Test Flight Manual

## **OPERATOR'S CHECKLIST FOR HELICOPTER, ATTACK, AH-64A APACHE**

GENERAL INFORMATION AND SCOPE. SCOPE. This checklist contains the operators checks to be accomplished during normal and emergency operation. General Information. This checklist consists of three parts: normal procedures, emergency procedures, and performance data. A thru flight section is provided in this section and consists of asterisk "Thru-Flight" items. In addition to thru flight, this checklist may be used for combat/ tactical operations when authorized by the commander. NOTE This checklist does not replace the amplified version of the procedures in the operator's manual TM 1-1520-238-10, but is a condensed version of each procedure. Normal Procedures Pages. The contents of the normal procedures of this manual are a condensation of the amplified checklist appearing in the normal procedures or crew duties portion of the applicable operator's manual. Emergency Procedures Pages. The requirements for this section of the condensed checklist manual (CL) are identical to those for the normal procedures, except that the information is drawn from the amplified checks in the emergency procedures portion of the operator's manual. The emergency requirements are subdivided into 10 classifications as follows: engine; propeller/rotor; (PROP or ROTOR); fire; fuel; electrical (ELECT); hydraulic (HYD); landing and ditching (LDG/DTCH); flight controls (FLT CONT); bail out or ejection (BAILOUT) (EJECT), if applicable; and mission equipment (MSN/EQPT), as applicable. The underlined items are the steps that must be performed immediately without reference to the checklist. Performance Data Pages. This section consists of charts, tables, and checklists for use during preflight, takeoff, cruise, landing, and shutdown.

## **Bell OH-58 A C D Kiowa Helicopter Maintenance, Repair And Parts Manuals**

A sample of the manuals contained: TM55-2840-256-23 Aviation unit and aviation intermediate maintenance for engine, aircraft, turbo shaft (nsn 2840-01-131-3350) (t703-ad-700) (2840-01-333-2064) (t703-ad-700a) (2840-01-391-4397) TM1-1427-779-23P Aviation unit and intermediate maintenance repair parts and Special tools lists (including depot maintenance repair parts and special tools for OH-58d controls/displays system (nsn 1260-01-165-3959) TM1-1520-248-PPM OH-58d Kiowa Warrior helicopter progressive phase maintenance inspection checklist and preventive maintenance services TB 1-1520-248-20-21 Tailboom visual inspection on all OH-58d and OH-58d(i) Kiowa Warrior helicopters TM55-1520-248-23-8-1 Aviation unit and intermediate maintenance manual for Army model OH-58d Kiowa Warrior helicopter TM55-1520-248-23-8-2 Aviation unit and intermediate maintenance manual for Army model OH-58d Kiowa Warrior

Helicopter TM1-1520-248-S Preparation for shipment of Army model OH-58d and OH-58d(i) Kiowa Warrior Helicopters TM1-1520-248-23P Aviation unit and intermediate maintenance repair parts and Special tools list (including depot maintenance repair parts and Special tools) for Kiowa Warrior helicopter, observation OH-58d (nsn 1520-01-125-5476) (eic: roc) TB 1-1520-248-20-29 Installation and removal instructions for the tremble trimpack global positioning system (gps) special mission kits on OH-58d Kiowa Warrior helicopters TB 1-1520-248-20-31 One time and recurring visual inspection of tailboom and relate restriction on forward indicated airspeed on all OH-58d Kiowa Warrior helicopter TB 1-1520-248-20-36 Changes to tailboom inspection interval and rescinding of flight restrictions on all OH-58d Kiowa Warrior helicopters TM1-2840-256-23P Aviation unit and aviation intermediate maintenance repair parts and Special tools list (including depot maintenance repair parts) for engine, aircraft, turbo shaft (nsn 2840-01-131-3350) (t703-ad-700) (2840-01-333-2064) (t703-ad-700a) (2840-01-391-4397) (t703-ad-700b) TB 1-1520-248-23-1 Announcement of approval and release of nondestructive test equipment inspection procedure Manual FOR TM1-1520-254-23, technicalman aviation unit maintenance (avum) and aviation intermediate maintenance (avim) Manual nondestructive inspection procedures for OH-58 Kiowa Warrior Helicopter series TB 1-1520-248-20-40 Inspection and cleaning intervals for the countermeasures set an/alq-144 ir jammer transmitter on OH-58d Kiowa Warrior Helicopters TM1-1520-266-23 Aviation unit maintenance (avum) and aviation intermediate main (avim) Manual nondestructive inspection procedures for OH-58d Kiowa Warrior Helicopter series TM1-1427-779-23 Aviation unit and aviation intermediate maintenance Manual for control/display subsystem (cds) part number 8521308-902 (nsn 1260-01-432-8523) and part number 8521308-903 (1260-01-432 TM 1-1520-248-CL Technical manual, operators and crewmembers checklist, Army OH-58d Kiowa Warrior helicopter TM1-1520-248-MTF Maintenance test flight, Army OH-58d Kiowa Warrior helicopter TM55-1520-248-23-8-1 Aviation unit and intermediate maintenance manual Army model OH-58d Kiowa Warrior helicopter TM55-1520-248-23-8-2 Aviation unit and intermediate maintenance manual Army model OH-58d Kiowa Warrior helicopter TM55-1520-248-23-9 Aviation unit and intermediate maintenance manual, Army model OH Kiowa Warrior helicopter TB 1-1520-248-20-64 Revision to false engine out warning all OH-58d aircraft (tb 1-1520-248-20-52) TM55-1520-248-23-9 Aviation unit and intermediate maintenance manual, Amy model OH Kiowa Warrior helicopter TB 1-1520-248-30-02 Repair of engine cowling exhaust duct on OH-58d Kiowa Warrior Helicopters TB 1-1520-248-20-62 One time inspection for certain mast mounted sight (mms) upper shroud for discrepant clamps all OH-58d Kiowa Warrior Helicopters TB 1-1520-248-20-60 One time and recurring inspection of cartridge type fuel boost pump assembly on all OH-58d Kiowa Warrior Helicopters TB 1-1520-248-20-61 One time inspection of copilot cyclic boot shield assembly all OH-58d Kiowa Warrior Helicopters TB 1-2840-263-20-03 Inspection of first stage nozzle shield on all 250-c30r/3 on OH-58d and h-6 aircraft TB 1-2840-256-20-05 Inspection of first stage nozzle shield all t703-ad-700/700a engines on OH-58d aircraft TB 1-1520-248-20-42 Instructions for replacing OH-58d Kiowa Warrior helicopter, t703-ad-700b engine with t703-ad-700a engine TB 1-1520-248-20-44 Revision to tail boom inspection interval on all OH-58d Kiowa Warrior helicopter TB 1-2840-256-20-03 Retirement change and time change limits update for t703-ad-700 700b engines on all OH-58d(i) Kiowa Warrior helicopters TM1-1520-248-MTF Maintenance test flight, Army OH-58d Kiowa Warrior Helicopter TM1-1520-248-10 Operators manual Army OH-58d Kiowa Warrior Helicopter TM1-1520-248-CL Technical manual, operators and crewmembers checklist, Army OH-58d Kiowa Warrior Helicopter TB 1-1520-248-20-47 One time inspection and repair of support installation, oil cooler, p/n 406-030-117-125/129, on OH-58d Kiowa Warrior Helicopter TM1-1520-248-23-7 Technical manual aviation unit and intermediate maintenance Manual for Army model OH-58d Kiowa Warrior Helicopter TM1-1520-248-23-6 Aviation unit and intermediate maintenance manual for Army model for OH-58d Kiowa Warrior Helicopter TM1-1520-248-23-5 Aviation unit and intermediate maintenance manual for Army model for OH-58d Kiowa Warrior Helicopter TM1-1520-248-23-4 Aviation unit and intermediate maintenance manual for Army mode OH-58d Kiowa Warrior Helicopters TM1-1520-248-23-3 Aviation unit and intermediate maintenance manual for Army model OH-58d Kiowa Warrior Helicopter TM1-1520-248-23-2 Aviation unit and intermediate maintenance manual for Army model OH-58d Kiowa Warrior Helicopter TM1-1520-248-23-1 Aviation unit and intermediate maintenance manual for Army model OH-58d Kiowa Warrior Helicopter TM1-1520-248-T-1 Operational checks and maintenance action precise symptoms (maps) diagrams Manual for Army model OH-58d Kiowa Warrior Helicopter TM1-1520-248-T-2 Operational checks and maintenance action precise symptoms (maps) diagrams Manual for Army model OH-58d Kiowa Warrior

Helicopter TM1-1520-248-T-3 Operational checks and maintenance action precise symptoms (maps) diagrams Manual for Army model OH-58d Kiowa Warrior Helicopter TB 1-1520-248-20-48 Inspection of oil cooler support installation and oil cooler fan TB 1-2840-263-01 One time inspection and recurring inspection of new self sealing magnetic chip detectors OH-58d(r) Kiowa Warrior Helicopter engines TB 1-1520-248-20-52 Aviation Safety Action For All OH-58D Series Aircraft False Engine Out Warnings TB 1-1520-248-20-51 One time inspection for directional control tube chafing all OH-58d Kiowa Warrior Helicopters TB 1-1520-248-20-53 Maintenance mandatory hydraulic fluid sampling for all OH-58d Kiowa Warrior Helicopters TB 1-1520-248-20-54 One time inspection for incorrect fasteners in center post assembly all OH-58d aircraft TB 1-1520-248-20-55 Initial and recurring inspection of t703-ad-700b engine for specification power, compressor stall, and instability during power transients TB 1-1520-248-20-56 One time inspection for hydraulic relief valve p/n 206-076-036-101 on all OH-58d Kiowa Warrior Helicopters TB 1-2840-263-20-02 One time inspection of scroll assembly on 250-c30r/3 engine for OH-58d aircraft TB 1-2840-256-20-04 One time inspection of scroll assembly on t703-ad-700 and t703-ad-700a engines for OH-58d aircraft TB 1-1520-228-20-85 All OH-58 aircraft, one time inspection of magnetic brake TB 1-1520-248-20-58 Initial and recurring inspection of forward tail boom intercostal assembly and aft fuselage frame assembly TB 1-1520-248-20-59 One time inspection for discrepant bell Kiowa Warrior Helicopter textron parts all OH-58d aircraft TB 1-1520-248-20-63 Replacement of ma-6/8 crew seat inertia reel all OH-58d Kiowa Warrior Helicopters TB 1-1520-248-20-65 Inspection and overhaul interval change for engine to transmission driveshaft all OH-58d Kiowa Warrior Helicopters

## **AVUM and AVIM Maintenance Manual**

Over 2,900 total pages .... 1. Scope. This RPSTL lists and authorizes spares and repair parts; special tools; special Test, Measurement, and Diagnostic Equipment (TMDE); and other special support equipment required for performance of aviation unit and aviation intermediate maintenance of the AH-64A Advanced Attack Helicopter. It authorizes the requisitioning, issue, and disposition of spares, repair parts and special tools as indicated by the Source, Maintenance and Recoverability (SMR) codes. 2. General. In addition to Section I, Introduction, 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 by this RPSTL 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 ascending alphanumeric sequence, with the parts in each group listed in ascending figure and item number sequence. Bulk materials are listed in item name sequence. b. Section III. Special Tools List. A list of special tools, special TMDE, and other special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in DESCRIPTION AND USABLE ON CODE (UOC) column) for the purpose of maintenance. c. Section IV. Cross-reference Indexes. A list, in National Item Identification Number (NIIN) sequence, of all National Stock Numbers (NSN) appearing in the listing, 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. The figure and item number index lists figure and item numbers in alphanumeric sequence and cross-references NSN, FSCM/CAGE and part numbers.

## **Operators Manual**

The Army AH-64A Helicopter Systems Theory of Operation manual (TM 1-1520-238-T-9) may be used in conjunction with the wiring information in the Army AH-64A Helicopter Wiring Diagrams manual to troubleshoot any fault not isolated by the appropriate maintenance operational check and the associated fault isolation procedures. It provides troubleshooting information and theory of operation information for the Army AH-64A Helicopter only.

## **U.S. Army TECHNICAL MANUAL AVIATION UNIT AND INTERMEDIATE MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST FOR**

## **HELICOPTER, ATTACK, AH-64A APACHE (NSN 1520-01-106-9519)**

Contains the following current U.S. Army Technical Manuals related to repair and maintenance of the UH-1 Huey series helicopter: (23P-1 Level) 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, 31 October 2001, 921 pages - (23P-2 Level) 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, 23 November 2001, 970 pages - (23P-3 Level) 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, 23 November 2001, 715 pages - (23-1 Level) AVIATION UNIT AND INTERMEDIATE MAINTENANCE INSTRUCTIONS ARMY MODEL UH-1H/V/EH-1H/X HELICOPTERS, 15 October 2001, 1,176 pages - (23-2 Level) AVIATION UNIT AND INTERMEDIATE MAINTENANCE INSTRUCTIONS ARMY MODEL UH-1H/V/EH-1H/X HELICOPTERS, 1 November 2001, 836 pages - (23-3 Level) AVIATION UNIT AND INTERMEDIATE MAINTENANCE INSTRUCTIONS ARMY MODEL UH-1H/V/EH-1H/X, 14 June 1996, 754 pages. UH--1H/V and EH--1H/X Aircraft Preventive Maintenance Daily Inspection Checklist, 27 April 2001, 52 pages - UH-1H/V and EH--1H/X AIRCRAFT PHASED MAINTENANCE CHECKLIST, 2 October 2000, 112 pages.

### **Operator's, Manual**

This aircrew training manual (ATM) standardizes aircrew training programs and flight evaluation procedures. This manual provides specific guidelines for executing CH-47D/F aircrew training based on Field Manual (FM) 7-1. It establishes crewmember qualification, and refresher, mission, and continuation training and evaluation requirements. This manual applies to all CH-47D/F crewmembers and their commanders. The CH-47D is not a similar aircraft to CH-47F. The CH-47F is a similar aircraft to the CH-47G. This is not a stand-alone document; all requirements contained in Army regulations (ARs) and Training Circular (TC) 1-210 must be met. This manual is the governing authority for training and flight evaluation purposes only if differences exist between the maneuver descriptions in Technical Manual (TM) 1-1520-240-10 or TM 1-1520-271-10 and this ATM. TM 1-1520-240-10 and TM 1-1520-271-10 are the governing authority for operation of the aircraft. Implementation of this manual conforms to AR 95-1 and TC 1-210. This manual (with applicable ARs and TC 1-210) will help all levels of aviation commanders develop a comprehensive aircrew training program. By using the ATM, commanders ensure individual crewmember and aircrew proficiency is commensurate with the unit's mission and that aircrews employ standard techniques and procedures. This manual will be used as a "how to" source for performing crewmember duties. It provides performance standards and evaluation guidelines so that crewmembers know the expected level of performance. Each task has a description of the performance required to meet the standard. Standardization officers, evaluators, and unit trainers will use this manual and TC 1-210 as the primary tools to develop and implement their aircrew training program (ATP). This manual applies to the Active Army, the Army National Guard (ARNG)/Army National Guard of the United States (ARNGUS), and the United States Army Reserve (USAR) unless otherwise stated. This ATM describes training requirements for crewmembers. It will be used with AR 95-1, AR 600-105, AR 600-106, NGR (AR) 95-210, TC 1-210, and other applicable publications. The tasks in this ATM enhance training in individual and aircrew proficiency. The training focuses on accomplishing tasks that support the unit's mission. The scope and level of training to be achieved, individually by crewmembers and collectively by aircrews, is dictated by the mission-essential task list (METL). Commanders must ensure aircrews are proficient in the METL.

### **Aviation Unit and Intermediate Maintenance Manual**

US ARMY TB 1-1520-228-23-1 ANNOUNCEMENT OF APPROVAL AND RELEASE OF

NONDESTRUCTIVE TEST EQUIPMENT INSPECTION PROCEDURE MANUAL TM 1-1520-254-23, TECHNICAL MANUAL AVIATION UNIT MAINTENANCE (AVUM) AND AVIATION INTERMEDIATE MAINTENANCE (AVIM) MANUAL NONDESTRUCTIVE INSPECTION PROCEDURES FOR OH-58 HELICOPTER SERIES Survival ebooks Purpose. The purpose of this technical bulletin (TB) is to announce the approval and release of the nondestructive test equipment inspection procedure manual, TM 1-1520-254-23, Technical Manual Aviation Unit Maintenance (AVUM) and Aviation Intermediate Maintenance (AVIM) Manual Nondestructive Inspection Procedures for OH-58 Helicopter Series. This manual shall be referred to when performing inspections on the OH-58A and OH-58C aircraft. ÿ

## **Aviation Unit and Intermediate Troubleshooting Manual for Army AH-64A Helicopter, Theory of Operation**

**BOTH MANUALS:** Approved for public release; distribution unlimited. **DESCRIPTION.** This manual contains the complete operating instructions and procedures for UH-60A, UH-60Q, UH-60L, and EH-60A helicopters. The primary mission of this helicopter is that of tactical transport of troops, medical evacuation, cargo, and reconnaissance within the capabilities of the helicopter. The observance of limitations, performance, and weight and balance data provided is mandatory. The observance of procedures is mandatory except when modification is required because of multiple emergencies, adverse weather, terrain, etc. Your flying experience is recognized and therefore, basic flight principles are not included. **IT IS REQUIRED THAT THIS MANUAL BE CARRIED IN THE HELICOPTER AT ALL TIMES.**

## **Manuals Combined: UH-1 HUEY Army Helicopter Maintenance, Parts & Repair Manuals**

The 2007 Edition of The TM 1-1520-228-MTF Maintenance Test Flight Manual, Army Model OH-58A/C Helicopter.

### **Operator's Manual**

During the Vietnam War fleets of transport helicopters provided U.S. forces with an unprecedented level of mobility and proved the concept of air cavalry . But without adequate support, helicopters such as the Bell UH-1 proved vulnerable to enemy ground fire. The solution was to develop a helicopter gunship. Bell s first foray into the category was rejected by the Army, but after Lockheed s AH-56 failed to meet critical goals, Bell answered the call with a new design. Equipped with a tandem cockpit, stub wings for weapons and a chin-mounted gun turret, Bell s Model 209 prototype was smaller and lighter than the AH-56, and used proven components from the UH-1. Developed in less than nine months, the 209 performed well and easily won the Army competition. In April 1966 the Army placed its first order for 110 aircraft, now designated the AH-1 Cobra or HueyCobra (but also widely known by the nickname Snake ). Over 1100 would eventually be built, including twin-engine SeaCobra and SuperCobra versions for the Marine Corps. After entering service in June of 1967, Cobras provided extensive support in Vietnam as fire support platforms, and achieved over a million operational hours. Cobras also flew in Operation Desert Shield, Desert Storm and in Somalia before being retired in the late 1990s. They continue to fly for the Marine Corps, NATO allies and elsewhere. They also serve in a civil role as fire fighting helicopters. Created by Bell and the U.S. Army, this pilot s flight operating manual profiles the AH-1F Cobra. Over 300 pages long, this unclassified document is reprinted here in its entirety.\"

### **Operator's Manual for Army AH-64A Helicopter**

Well over 18,000 total pages ... Most manuals published by the Department of the Army (with updates) between 1999 and 2003. Contains Repair, Repair Parts, Special Tools Lists, Maintenance, Checklist and

Flight-related Technical Manuals and Bulletins for the CH-47A, CH-47B, CH-47C and CH-47D Chinook helicopter. Just a SAMPLE of the CONTENTS: AVIATION UNIT AND AVIATION INTERMEDIATE MAINTENANCE MANUAL CH-47D HELICOPTER, 1,335 pages - Aviation Unit and Aviation Intermediate Troubleshooting Manual, CH-47D Helicopter, 1,225 pages - ORGANIZATIONAL MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS FOR ELECTRONIC EQUIPMENT CONFIGURATION FOR CH-47A, CH-47B, AND CH-47C HELICOPTERS, 116 pages - Preparation for Shipment of CH-47 HELICOPTER, 131 pages - OPERATOR, AVIATION UNIT, AND AVIATION INTERMEDIATE MAINTENANCE MANUAL WITH REPAIR PARTS AND SPECIAL TOOLS LIST EXTENDED RANGE FUEL SYSTEM ARMY MODEL CH-47 HELICOPTER, 194 pages - AVIATION UNIT AND INTERMEDIATE MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST (INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS) HELICOPTER, CARGO TRANSPORT CH-47D, 689 pages - AVIATION UNIT AND INTERMEDIATE MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST (INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS) HELICOPTER, CARGO TRANSPORT CH-47D, 511 pages - PREVENTIVE MAINTENANCE DAILY INSPECTION CHECKLIST CH-47D HELICOPTER, 30 pages - PHASED MAINTENANCE CHECKLIST CH-47D HELICOPTER, 117 pages - MAINTENANCE TEST FLIGHT MANUAL ARMY MODEL CH-47D HELICOPTER, 195 pages - Operator's and Crewmember's Checklist ARMY CH-47D HELICOPTER, 49 pages - ONE TIME VISUAL INSPECTION AND RECORDS CHECK OF THE UPPER BOOST ACTUATORS AND PULL TEST OF SWASHPLATE FOR ALL CH-47D, MH-47D, AND MH-47E AIRCRAFT, 11 pages - WARRANTY PROGRAM FOR HELICOPTER, CARGO TRANSPORT CH-47D, 28 pages - CALIBRATION PROCEDURE FOR CH-47 INTEGRATED LOWER CONTROL ACTUATOR (ILCA) BENCH TEST SET, 50 pages REPAIR PARTS AND SPECIAL TOOLS LIST FOR STABILITY AUGMENTATION SYSTEM AMPLIFIERS CH-47A, CH-47B, AND CH-47C HELICOPTERS, 53 pages - AVIATION UNIT AND AVIATION INTERMEDIATE MAINTENANCE For GENERAL TIE-DOWN AND MOORING ON ALL SERIES ARMY MODELS AH-64, UH-60, CH-47, UH-1, AH-1, OH-58 HELICOPTERS, 60 pages - OPERATOR'S MANUAL FOR CH-47D (CHINOOK) FLIGHT SIMULATOR Device 2B31A, 185 pages

## **Aircrew Training Manual Cargo Helicopter, Ch-47D/F**

Training circular (TC) 3-04.34 standardizes aircrew training programs (ATPs) and flight evaluation procedures. This aircrew training manual (ATM) provides specific guidelines for executing CH-47D/F aircrew training. It is based on training principles outlined at the Army Training Network. This ATM establishes crewmember qualification training, refresher training, mission training, and continuation training and evaluation requirements. It applies to all CH-47 crewmembers and their commanders in the active Army, the Army National Guard Bureau/United States Army National Guard (ARNG), and the United States Army Reserve (USAR). The CH-47D is a similar aircraft to the CH-47F; the CH-47F is series grouped with the MH-47G. This manual is not a stand-alone document; all requirements of Army regulation (AR) 600-105, AR 600-106, National Guard Regulation (NGR) AR 95-210, and TC 3-04.11 to the ATP must be met. The operator's manual is the authority for operation of the aircraft. If differences exist between the maneuver descriptions in Technical Manual (TM) 1-1520-240-10 or TM 1-1520-271-10 and this publication, this publication is the governing authority for training and flight evaluation purposes. Implementation of this publication conforms to AR 95-1 and TC 3-04.11. If a conflict exists between this publication and TC 3-04.11, the ATP commander determines the method of accomplishment based upon the requirement and the unit's mission as to which manual takes precedence. This manual, in conjunction with the ARs and TC 3-04.11, will help develop a comprehensive ATP. Using this ATM ensures that individual crewmember and aircrew proficiency is commensurate with the unit's mission and aircrews routinely employ standard techniques and procedures. Crewmembers will use this manual as a "how to" source for performing crewmember duties. It provides performance standards and evaluation guidelines so that crewmembers know the level of performance expected. Each task has a description of the proper procedures to meet the standard. Standardization officers, evaluators, and unit trainers (UTs) will use this manual and TC 3-04.11 as the primary tools in assisting commanders with development and implementation of their ATP. The proponent of

this publication is the United States (U.S.) Army Training and Doctrine Command (TRADOC).

**US ARMY TB 1-1520-228-23-1 ANNOUNCEMENT OF APPROVAL AND RELEASE OF NONDESTRUCTIVE TEST EQUIPMENT INSPECTION PROCEDURE MANUAL TM 1-1520-254-23, TECHNICAL MANUAL AVIATION UNIT MAINTENANCE (AVUM) AND AVIATION INTERMEDIATE MAINTENANCE (AVIM) MANUAL NONDESTRUCTIVE INSPECTION PROCEDURES FOR OH-58 HELICOPTER SERIES Survival Ebooks**

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