

***TM 55-1520-240-PMD**

**PREVENTIVE MAINTENANCE
DAILY INSPECTION CHECKLIST
CH-47D HELICOPTER**

***This manual supersedes TM 55-1520-240-PMD, dated 6 September 1988, including all changes.**

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

**HEADQUARTERS, DEPARTMENT OF THE ARMY
25 MAY 2003**

GENERAL INFORMATION AND SCOPE

1. INSPECTION REQUIREMENTS. This manual contains complete requirements for daily inspection for CH-47D helicopter. It does not contain instructions for repair, adjustment, or other means of rectifying conditions, nor does it contain instructions for troubleshooting to find causes for malfunctioning. Specific tolerances, limits, etc. can be found in the applicable maintenance manuals. Use of the alphabetical index in the applicable manuals will facilitate locating the required information.

2. SCOPE. The inspections prescribed by this manual will be accomplished by aviation unit maintenance activities with assistance of aviation intermediate maintenance when required.

3. GENERAL INFORMATION.

a. The inspection requirements contained herein are stated in such a manner as to establish what equipment is to be inspected and the conditions to be sought. Compliance with the provisions outlined herein is required in order to assure that latent defects are discovered and corrected before malfunctioning or serious trouble results. In order to arrange inspection requirements as nearly as possible according to the manner in which work will be accomplished, the requirements in each area are divided into groups under area headings (See Figure 1). An area title indicates a specific aircraft location, which may be comprised of several systems or groups of related components within this given area.

b. The inspection designated herein will not be exceeded except in actual operational emergencies as explained herein. It is the commander's responsibility to determine (on an individual

aircraft basis) when inspections may be exceeded. For this purpose, operational emergencies are conditions of combat, or conditions of disaster, which necessitate flight to evacuate aircraft or personnel. When aircraft are operated beyond the normal inspection due-time because of such emergency situations, a circled red "X" status symbol and an appropriate statement (to include authority) must be entered on DA Form 2408-13-1 (Aircraft Inspection and Maintenance Record) until such time as the inspection is complete. Since safety may be jeopardized when inspections are delayed to meet emergency requirements, commander will assure that the aircraft status reverts to a red "X" and that delayed inspections are accomplished immediately upon termination of the actual emergency. When unusual local conditions of environment, utilization, mission, experience of flight crew and maintenance personnel, periods of inactivity, etc., are encountered the maintenance officer will, at his discretion, increase the scope and/or frequency of maintenance or inspections as necessary to insure safe flight.

c. This manual pertains to all CH-47D aircraft and may therefore contain inspection requirements applicable to specific equipment not installed on individual aircraft. When this situation is encountered, those requirements that are not applicable should be disregarded.

d. DA Form 2408-13-1 (Aircraft Inspection and Maintenance Record) will be used to record all deficiencies or shortcomings discovered during accomplishment of the daily inspection.

e. Report of errors, omissions, and recommendations for improving this publication by the individual user is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to Publications) and forwarded direct to: Commander, US Army Aviation and Missile Command, ATTN: AMSAM-MMC-MA-NP, Redstone Arsenal, AL 35898-5000. You may submit your recommended changes by Email directly to: 2028@redstone.army.mil or by fax 256-842-6546/DSN 788-6546.

4. The daily inspection will be accomplished in accordance with TM 1-1500-328-23. The inspection consists of visual examination and operation checks to determine the aircraft can safely and efficiently perform its assigned mission. When an aircraft does not fly for **14 consecutive calendar days**, perform a daily inspection and an engine ground run.

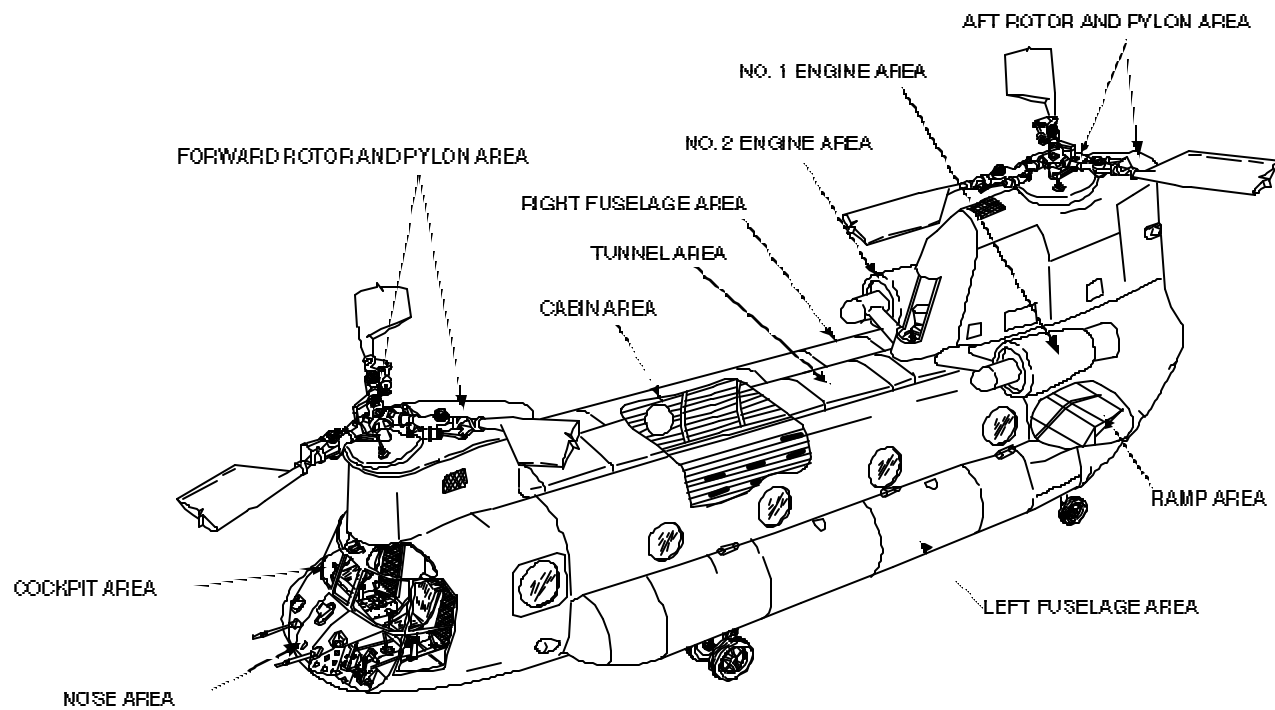


Figure 1. Area Diagram