

**TM 55-1520-244-PM**

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**TECHNICAL MANUAL**

**PHASED MAINTENANCE**

**CHECKLISTS**

**AH-1E/F/P/S HELICOPTER**

Approved for public release: Distribution is unlimited.

This manual supersedes TM 55-1500-220-PM, 22 September 1978.

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**HEADQUARTERS, DEPARTMENT OF THE ARMY**

**30 APRIL 1990**

CHANGE

NO. 8

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WASHINGTON, D.C., 31 August 1996**PHASED MAINTENANCE CHECKLISTS****AH-1E/F/P/S HELICOPTER**

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7-27 and 7-28  
7-41 and 7-42  
7-57 through 7-60  
7-77 and 7-78  
7-87 and 7-88  
7-107 and 7-108

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1-1 through 1-4  
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4-13 and 4-14  
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7-27 and 7-28  
7-41 and 7-42  
7-57 through 7-60  
7-77 and 7-78  
7-87 and 7-88  
7-107 and 7-108

TM 55-1520-244-PM  
C 8

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## PHASED MAINTENANCE CHECKLISTS

### AH-1E/F/P/S HELICOPTER

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7-61 and 7-62  
7-81 and 7-82  
7-89 and 7-90

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7-1 through 7-4  
7-61 and 7-62  
7-81 and 7-82  
7-89 and 7-90

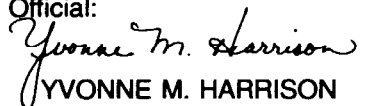
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7-101 and 7-102  
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TECHNICAL MANUAL

PHASE13 MAINTENANCE  
CHECKLISTS  
AH-1E/F/P/S HELICOPTER

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2-13 and 2-14

3-3 and 3-4

3-13 through 3-18

4-3 and 4-4

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4-5 and 4-6

4-13 and 4-14

5-3 and 5-4

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2-5 and 2-6

2-13 through 2-15/(2-16 blank)

3-3 and 3-4

3-13 through 3-18

4-3 and 4-4

4-4.1/(4-4.2 blank)

4-5 and 4-6

4-13 and 4-14

5-3 and 5-4

Remove pages

5-17 and 5-18

6-3 and 6-4

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6-5 and 6-6

7-3 and 7-4

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7-7 through 7-10

7-17 through 7-20

7-31 and 7-32

7-35 and 7-36

7-39 and 7-40

7-47 and 7-48

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7-51 through 7-56

7-65 and 7-66

7-69 and 7-70

7-75 through 7-78

7-81 and 7-82

7-85 and 7-86

7-97 and 7-98

7-101 through 7-104

7-113 and 7-114

Insert pages

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6-3 and 6-4

6-4.1/(6-4.2 blank)

6-5 and 6-6

7-3 and 7-4

7-4.1/(7-4.2 blank)

7-7 through 7-10

7-17 through 7-20

7-3-1 and 7-32

7-35 and 7-36

7-39 and 7-40

7-47 and 7-48

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7-51 through 7-56

7-65 and 7-66

7-69 and 7-70

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7-81 and 7-82

7-85 and 7-86

7-97 and 7-98

7-101 through 7-104

7-113 and 7-114

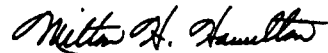
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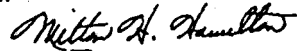
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1-1 through 1-4  
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2-3 and 2-4  
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2-11 through 2-14  
3-3 and 3-4  
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3-17 and 3-18  
4-3 and 4-4  
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Insert pages

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1-11 and 1-12  
2-3 and 2-4  
2-4.1/2-4.2  
2-11 through 2-14  
3-3 and 3-4  
3-4.1/3-4.2  
3-17 and 3-18  
4-3 and 4-4  
4-4.1/4-4.2

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4-13 and 4-14  
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5-15 through 5-18  
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6-13 and 6-14  
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7-7 and 7-8  
7-15 through 7-18  
7-23 through 7-26  
7-39 through 7-42  
7-49 and 7-50  
7-55 through 7-60  
7-63 through 7-66  
7-73 and 7-74  
7-89 and 7-90  
7-95 and 7-96  
7-111 through 7-114

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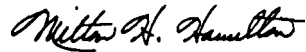
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5-4.1/5-4.2  
5-15 through 5-18  
6-3 and 6-4  
6-4.1/6-4.2  
6-13/6-14  
7-3 and 7-4  
7-7 and 7-8  
7-15 through 7-18  
7-23 through 7-26  
7-39 through 7-42  
7-49 and 7-50  
7-55 through 7-60  
7-63 through 7-66  
7-73 and 7-74  
7-89 and 7-90  
7-95 and 7-96  
7-111 through 7-114

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PHASED MAINTENANCE CHECKLIST  
AH-1E/F/P/S HELICOPTER

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1-1 through 1-4  
2-3 through 2-6  
2-11 through 2-14  
3-3 and 3-4  
3-11 through 3-18  
4-3 through 4-6  
4-11 through 4-14  
5-3 and 5-4  
5-11 and 5-12  
5-15 through 5-18  
6-3 through 6-6

Insert pages

1-1 through 1-4  
2-3 through 2-6  
2-11 through 2-14  
3-3 and 3-4  
3-11 through 3-19/3-20  
4-3 through 4-6  
4-11 through 4-14  
5-3 and 5-4  
5-11 and 5-12  
5-15 through 5-18  
6-3 through 6-6



TM 55-1520-244-PM  
C 2

Remove Pages

6-11 through 6-14  
7-3 through 7-6  
7-9 through 7-12  
7-19 and 7-20  
7-23 through 7-28  
7-31 through 7-40  
7-43 through 7-62  
7-77 and 7-78  
7-89 through 7-96  
7-103 and 7-104

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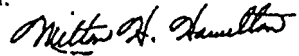
6-11 through 6-14  
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7-31 through 7-40  
7-43 through 7-62  
7-77 and 7-78  
7-89 through 7-96  
7-103 and 7-104

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PHASED MAINTENANCE CHECKLISTS  
AH-1E/F/P/S HELICOPTER

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7-7 through 7-16  
7-19 through 7-60  
7-63 through 7-114

Insert Pages

1-1 and 1-2  
7-1 through 7-4  
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7-19 through 7-60  
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HEADQUARTERS  
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PHASED MAINTENANCE CHECKLISTS  
AH-1 E/F/P/S HELICOPTER

GENERAL INFORMATION AND SCOPE

**WARNING:** CERTAIN INSPECTIONS ARE MANDATORY SAFETY-OF-FLIGHT REQUIREMENTS, AND THE INSPECTION INTERVALS CANNOT BE EXCEEDED. IN THE EVENT THESE INSPECTIONS CANNOT BE ACCOMPLISHED AT THE SPECIFIED INTERVAL, THE AIRCRAFT CONDITION STATUS SYMBOL WILL BE IMMEDIATELY CHANGED TO A RED "X". THESE TYPE INSPECTION ITEMS ARE PRECEDED BY "MANDATORY SAFETY-OF-FLIGHT INSPECTION ITEM".

**NOTE:** INSPECTION ITEMS CONTAINED IN THIS MANUAL ARE CONSIDERED THE MINIMUM REQUIREMENTS FOR PERFORMING A DAILY INSPECTION AND MUST BE PERFORMED. THE CUMULATIVE EFFECTS OF INSPECTION DEFERRALS ARE UNKNOWN AND COULD RESULT IN CATASTROPHIC FAILURE OR INCREASED MAINTENANCE AT A LATER DATE. THEREFORE, THE USE OF SPECIAL LETTERING TO EMPHASIZE MANDATORY SAFETY-OF-FLIGHT INSPECTION ITEMS IS NOT TO BE CONSTRUED AS AUTHORITY FOR DEFERRAL OF OTHER INSPECTIONS.

THIS MANUAL MAY DUPLICATE INSPECTION DATA CONTAINED IN THE PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) TABLES IN THE SUBSYSTEM TMs OR THE INSPECTION CRITERIA INCLUDED IN THE PM AND PMD MAY DIFFER FROM THAT INCLUDED IN THE SUBSYSTEM TMs. WHEN A DIFFERENT INSPECTION INTERVAL IS SPECIFIED IN THE PMCS, THE PM AND PMD WILL TAKE PRECEDENCE. THE PM AND PMD SHALL BE USED TO PERFORM ALL DAILY AND/OR PHASE INSPECTIONS EXCEPT WHERE THE INSPECTION IS REFERENCED TO THE APPROPRIATE SUBSYSTEM TM. IN THIS CASE THE PMCS TABLES IN THE SUBSYSTEM TMs SHALL BE USED.

\*This manual supersedes TM 55-1500-220-PM, 22 September 1978.

1-1 Change 4

**SECTION I - GENERAL INFORMATION**

**1-1. PHASED SCHEDULE** This phased maintenance inspection checklist contains requirements for inspection of all AH-1 E/F/P/S aircraft on a phased schedule having a 600 hour (flight hours) cycle with 150 hour phases. Each 150 hour requirement included herein is designated for accomplishment at least once, but not more than four times during the 600 hour cycle. In addition to the 150hour checklist, 25, 50, 75, 100, and 125 hour airframe, armament missile and avionic checks have been included. These inspections are to be completed once for each 150 hour cycle of the 600 hour phase cycle. As the 25, 50, 75, 100, and 125 hour inspections are special inspections, they may be accomplished within a plus or minus 10 percent tolerance.

**1-2. EXCEEDING THE PHASED SCHEDULE.** The maintenance inspection intervals designated are the maximum and shall 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 inspection intervals may be exceeded. For this purpose, operational emergencies are conditions of combat or disaster which necessitate flight to evacuate aircraft or personnel. Those inspections annotated by a "C" in the Inspect Phase No's column along with the DA Form 2408-18 (Equipment Inspection Record) items that are due, constitute the MINIMUM mandatory inspections required on helicopters scheduled for imminent deployment to, or stationed in a combat environment. Under no circumstances will two combat phase inspections be performed sequentially. 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 in block 16 and 17 of DA Form 2408-13 (Aircraft Inspection and Maintenance Record) until such time as the inspection is complete. When inspections are delayed to meet emergency requirements, Commanders will assure that the aircraft status symbol reverts to a red X and that delayed inspections are accomplished immediately upon termination of the actual emergency. When unusual local conditions (utilization, type of mission personnel, periods of inactivity, environmental conditions, etc.) dictate, it is the prerogative and responsibility

of the Maintenance Officer to increase the scope and/or frequency of maintenance or inspection as necessary to ensure safe operation (TM 1-1500-238-23).

**1-3. MAINTENANCE ACTIVITIES.** The inspections prescribed by this checklist will be accomplished at specific times by Aviation Unit Maintenance (AVUM) activities with assistance of Aviation Intermediate Maintenance (AVIM) and Depot Maintenance activities when required.

**1-4. LIMITATIONS.** The checklist does not contain instructions for repair, adjustment or other means of rectifying conditions. Neither does it contain special tolerances, limits or instructions for special troubleshooting to find causes for malfunctions. Such data will be contained from the latest issue of the applicable armament, missile or avionic maintenance manuals. Airframe data will be obtained from the latest issue of TM 55-1520-234-23 (AH-1 S) and TM 55-1520-236-23 (AH-1 E/F/P) Maintenance Manuals.

**1-5. CHANGEOVER FROM SUPERSEDED TM 55-1500-220-PM** and implementation of this publication: This TM will be implemented at the next 25 hour inspection interval. An aircraft that is in phase maintenance I.A.W. TM 55-1500-220-PM shall be completed (150 cycle) using that publication. For an aircraft, for example, that is 65 hours out of phase maintenance, this TM will be implemented at the 75 hour inspection interval. This publication is based on recording 25, 50, 75, 100, 125 and will be completed at 150 hours.

**1-6. PRE-INSPECTION MAINTENANCE TEST FLIGHT (MTF).** A pre-inspection MTF to duplicate nonhazardous equipment problems, determine unsatisfactory conditions, determine equipment operation problems, etc., is recommended prior to start of aircraft disassembly for phased maintenance inspection. The decision to perform the preinspection MTF, however, shall be the responsibility of the unit Maintenance Officer.

**1-7. SPECIAL AND CALENDAR INSPECTIONS AND LUBRICATION REQUIREMENTS.** Special and calendar inspections recorded on DA

## TM 55-1520-244-PM

Form 2408-18 shall be reviewed and accomplished in accordance with the inspection due requirements specified.

**1-8 TIME BETWEEN OVERHAUL (TBO) AND RETIREMENT LIFE ITEMS CHECK.** Prior to start of the applicable phased maintenance inspection, a check will be made of components and their remaining operating hours prior to removal. The latest issue of TM 55-1520-234-23 or TM 55-1520-236-23 and DA Form 2408-16 shall be referred to for a complete listing of components and their TBO and retirement life.

**1-9. USING THE INSPECTION CHECKLISTS.** For use of the phased inspection checklist, refer to DA PAM 738-751.

**1-10. FINAL RECORDS CHECK.** After all corrective actions have been completed and following completion of the phased inspection, the Technical Inspector or designated supervisor shall verify that all applicable forms and records have been properly updated. All uncorrected faults shall be entered on DA Form 2408-13, or 2408-13-1 prepared for that date or to the DA Form 2408-14. A Final Records Checklist (table 1-2) is provided to ensure forms and records have been inspected for completeness and accuracy prior to release of the aircraft from the maintenance inspection. The inspector verifying the final records check shall enter his initials adjacent to the indicated form or record on Final Records Checklist. The initials entered shall be registered on the Signature Sheet (table 1-1) adjacent to that person's signature. The TI stamp can be used in lieu of the inspector's initials IAW FM 1-500.

**1-11. SIGNATURE SHEET.** All personnel performing inspection and/or maintenance tasks shall place their signature and initials on the signature sheet (Table 1-1). A signature sheet is included at the end of each section. The purpose of the signature sheet is to provide a correlation between initials entered on the individual checklist sheets and the actual names of the personnel accomplishing these tasks.

**1-12. MAINTENANCE OPERATIONAL CHECKS (MOC).** After the completion of any required corrective actions to any of the components of a functional system of the aircraft, MOC shall be performed on that system to determine the effectiveness of the maintenance actions performed and to verify the proper operation of that system. These MOC shall be performed in accordance with TM 1-1500-328-23. Copies of Supplemental sheets (DA Form 4676-R) may be used to record and sign off the maintenance operational checks performed.

**1-13. MAINTENANCE TEST FLIGHT.** When all required inspections have been accomplished and initialed in accordance with the above procedure, a daily inspection in accordance with TM 55-1520-244-PMD will be performed on the aircraft to permit performance of a Maintenance Test Flight (MTF) if required. The MTF shall be performed in accordance with the requirements of TM 1-1500-328-23 and TM 55-1520-244-MTF or TM 55-1520-236-MTF as applicable, using the MTF form in the MTF technical manual. A rotor smoothing record (figure 1-4) is provided at the end of Section 1.

**1-14. CHECKLIST DISPOSITION.** The booklet should be maintained in the aircraft's historical files as one unit. When the 150-hour (phase) inspection is completed, the entire booklet with all six completed inspections is attached to the DA Form 2408-13(S) or 2408-13-1(S) on which completion of the 150-hour inspection is recorded and filed for the six month period as required by DA PAM 738-751. At the end of the six month period, these records will be destroyed per the disposition instructions in DA PAM 738-751.

**1-15. INSPECTION AREAS.** Figure 1-2 reflects the inspection areas of the AH-1 E/F/P/S aircraft. Those areas are titled as shown. Figure 1-3 shows the location of access doors and panels which require removal at various phased maintenance inspections.

**1-16. INSPECTION OF REMOVED COMPONENTS.** When components are being removed from an aircraft, all inspections required by the next phase maintenance inspection must be accomplished prior to either immediate reuse or storage. Upon installation, the component will be inspected in accordance with the current phase (either that phase the receiving aircraft is in or if in between phase, the last phase performed). This will ensure that a re-used component will not overfly any PM inspections, and that it will be properly interfaced with the receiving aircraft phase sequence.

**1-17. REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS**

You can help 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), or DA Form 2028-2 located in the back of this manual, directly to the Commander, US Army Aviation and Troop Command, ATTN: AMSAT-I-MP,

4300 Goodfellow Blvd., St. Louis, MO 63120-1798. You may also submit your recommended changes by E-mail directly to <mpmt%avma28@st-louis-emh7.army.mil>. A reply will be furnished to you. Instructions for sending an electronic 2028 may be found at the back of this manual immediately preceding the hard copy 2028.

**1-18 UNCORRECTED FAULTS/INCOMPLETE INSPECTIONS.** In the event a fault/inspection cannot be corrected/completed during phase, and the uncorrected fault/inspection does not exceed a mandatory Safety-Of-Flight criteria or affect the flight safety of the aircraft, the uncorrected fault/inspection may be transferred to DA Form 2408-13 and the system or subsystem assigned a proper rating status per AR 700-138. This may be accomplished in order to perform MOC or MTF to get the aircraft flyable. Uncorrected faults/inspections should be corrected as soon as possible thereafter.



TM 55-1520-244-PM

| PHASE NO. /        | Area Name and No.<br>PYLON - 9 (RIGHT SIDE)  | Aircraft Serial No.<br>67-15660 | Date<br>1 JUN 89                         |   |            |
|--------------------|--|---------------------------------|--|---|------------|
| Inspect Phase No's | Inspection Requirements  | Status                          | Faults and/or Remarks                    | Action Taken  | Initial    |
| 3                  | 1. Pylon center fairing for cracks and missing or stripped fasteners. Seals for cuts, tears and bonding separation.<br>Access 11                               |                                 | THIS ITEM NOT APPLICABLE TO PHASE NO. 1. | N/A   | MPC        |
|                    | <b>EXAMPLE OF TWO FAULTS IN ONE BLOCK</b>  |                                 |  | <b>HEAVY LINES ADDED TO SEPARATE FAULTS WITHIN A BLOCK</b>        |            |
| 2.3                | 2. Upper pylon access doors for cracks, dents and security. Latches for proper operation. Seals for cuts, tears and bonding separation.<br>Access 12           | ✓                               | Access door has crack near latch MPC     | Repaired  | MPC        |
|                    |  | ✓                               | Access door latch bending MPC            | Repaired  | MPC        |
| ALL                | 3. Transmission access doors for cracks, dents and proper alignment. Latches for proper operation. Seals for cuts, tears and bonding separation.<br>Access 11. |                                 | <b>EXAMPLE</b>                           |   |            |
|                    |  | ✓                               | Access door latch snap MPC               | Repaired  | MPC        |
| ALL                | 4. Transmission access door hinges for wear, cracks, corrosion and proper adjustment.<br>Access 11   |                                 | TI SIGNED OFF.                           | Ins - Found OK R. Simon   |            |
|                    |  |                                 |  | Ins - Found OK  | MPC        |
| ALL                | 5. Pylon structure, including forward pylon bulkhead for cracks, corrosion and loose or missing rivets.<br>Access 11, 12                                       |                                 |  | <b>TWO PEOPLE PERFORMED THIS INSPECTION. BOTH HAVE INITIALED.</b> | MPC<br>KAD |

"FOD REMINDER"

Check area for tools and parts after completion of maintenance and inspection.

Figure 1-1. Example of Using Phased Maintenance Checklist (Sheet 1 of 3)

| PHASE NO. 1        |  | Area Name and No.<br>AFT FUEL CELL AND ELECTRICAL EQUIPMENT - 13 |   | Aircraft Serial No.<br>67-15660 |         | Date<br>10 JUN 89 |  |
|--------------------|--|--|---|---------------------------------|---------|-------------------|--|
| Inspect Phase No's | Inspection Requirements  | Status   | Faults and/or Remarks   | Action Taken                    | Initial |                   |  |
| ALL                | 16. Ensure that electrical connectors 20P1, 20J1, 20P2, and 20J2 are free contaminants or corrosion; clean with isopropyl alcohol. (TM 9-1425-473-20)<br><b>← DENOTES CHANGE</b> | ✘  | Electrical Connector 20J1 Corroded MPC  | Cleaned all connectors          | MPC     |                   |  |
|                    |  |  |   |                                 |         |                   |  |
|                    |  |  | NOTE THAT THE SAME PERSON (MPC) DISCOVERED AND CORRECTED THE FAULT AS EVIDENCED BY SAME INITIALS. |                                 |         |                   |  |
|                    |  | ✘  | Aft fuel cell outlet panel needs paint (2 Jun 89)   | Painted panel.                  | TMS     | EXAMPLE           |  |
|                    |  |  | A DIFFERENT PERSON CORRECTED THIS FAULT.  |                                 |         |                   |  |
|                    | INSPECTION ITEM ADDED TO AVAILABLE SPACE ON A CHECKLIST PAGE.  |  |   |                                 |         |                   |  |
|                    |  |  |   |                                 |         |                   |  |
|                    |  |  |   |                                 |         |                   |  |
|                    |  |  |   |                                 |         |                   |  |

"FOD REMINDER"

Check work area for tools and parts after completion of maintenance and inspection.

Figure 1-1. Example of using Phased Maintenance Checklist (Sheet 2 of 3)

TM 55-1520-244-PM

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG).) |   |          |   | TM              | DATE<br><i>10 June 89</i> |            |
|---|---|----------|---|-----------------|---------------------------|------------|
| INSPECTION NO<br><b>1</b>   | AREA NAME AND NUMBER<br><i>PYLON-9 (Right side)</i> |          | AIRCRAFT SERIAL NO<br><i>67-15660</i>       |                 | TOTAL HOURS THIS AREA     |            |
| AREA AND INSP REQ NO  | INSPECTION REQUIREMENTS                             | STATUS   | FAULTS AND/OR REMARKS                       | ACTION TAKEN    | MAN-HOURS                 | INITIAL    |
| <i>9R<br/>2</i>   | <i>(Continued)</i>                                  | <i>✓</i> | <i>Access door seals</i>                    | <i>Replaced</i> |                           | <i>MPC</i> |
|   |   |          | <i>are cut, torn and coming unbuttoned.</i> |                 |                           |            |
| <p><b>A SUPPLEMENTAL SHEET IS USED WHEN SPACE IS NOT AVAILABLE ON CHECKLIST PAGE FOR ALL FAULTS OR CORRECTIVE ACTION</b></p> <p><b>EXAMPLE</b></p>                              |   |          |   |                 |                           |            |
| <p><b>"FOD REMINDER"</b><br/>Check work area for tools and parts after completion of maintenance and inspection</p>   |   |          |   |                 |                           |            |

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Figure 1-1. Example of Using Phased Maintenance Checklist (Sheet 3 of 3)

**TM 55-1520-244-PM**

Table 1-1. Signature Sheet

|   |                  |                   |
|---|------------------|-------------------|
| _____<br>Signature of Person Accomplishing Necessary Work | _____<br>Initial | _____<br>TI Stamp |
| _____<br>Signature of Person Accomplishing Necessary Work | _____<br>Initial | _____<br>TI Stamp |
| _____<br>Signature of Person Accomplishing Necessary Work | _____<br>Initial | _____<br>TI Stamp |
| _____<br>Signature of Person Accomplishing Necessary Work | _____<br>Initial | _____<br>TI Stamp |
| _____<br>Signature of Person Accomplishing Necessary Work | _____<br>Initial | _____<br>TI Stamp |
| _____<br>Signature of Person Accomplishing Necessary Work | _____<br>Initial | _____<br>TI Stamp |
| _____<br>Signature of Person Accomplishing Necessary Work | _____<br>Initial | _____<br>TI Stamp |
| _____<br>Signature of Person Accomplishing Necessary Work | _____<br>Initial | _____<br>TI Stamp |
| _____<br>Signature of Person Accomplishing Necessary Work | _____<br>Initial | _____<br>TI Stamp |
| _____<br>Signature of Maintenance Supervisor              | _____<br>Initial | _____<br>TI Stamp |
| _____<br>Signature of Technical Inspector                 | _____<br>Initial | _____<br>TI Stamp |
| _____<br>Signature of Maintenance Officer                 | _____<br>Initial | _____<br>TI Stamp |

**TM 55-1520-244-PM**

**Table 1-2. Final Records Checklist**

This checklist is provided to ensure the indicated forms and records listed have been inspected for presence, completeness legibility and accuracy prior to releasing the aircraft from a phase inspection. Verification of inspection will be indicated by placing the initials of the inspector in the appropriate initial block.

| AIRCRAFT LOG BOOK      | INITIAL | TI STAMP | HISTORICAL RECORDS     | INITIAL | TI STAMP |
|------------------------|---------|----------|------------------------|---------|----------|
| DA FORM 2408-4         |         |          | DA FORM 2408-5         |         |          |
| DA FORM 2408-12        |         |          |                        |         |          |
| DA FORM 2408-13        |         |          |                        |         |          |
| DA FORM 2408-14        |         |          | DA FORM 2408-9         |         |          |
| DA FORM 2408-18        |         |          | DA FORM 2408-15        |         |          |
| TM 55-1500-220-PMD     |         |          | DA FORM 2408-16        |         |          |
| TM 55-1520-236-MTF     |         |          |                        |         |          |
| TM 55-1520-244-MTF     |         |          | DA FORM 2408-17        |         |          |
|                        |         |          | DA FORM 2408-19        |         |          |
|                        |         |          | DA FORM 2408-20        |         |          |
| LOCALLY REQUIRED FORMS |         |          | LOCALLY REQUIRED FORMS |         |          |
|                        |         |          |                        |         |          |

| PRODUCTION CONTROL RECORDS | INITIAL | TI STAMP | QUALITY CONTROL        | INITIAL | TI STAMP |
|----------------------------|---------|----------|------------------------|---------|----------|
| FLOW CHART                 |         |          | TBO FILE               |         |          |
| STATUS BOARD               |         |          | QA FILE                |         |          |
| WORK ORDER FILE            |         |          | SERIAL NUMBER FILE     |         |          |
| MWO FILE                   |         |          | AOAP FILE              |         |          |
| CONFIGURATION CHART        |         |          | INVENTORY RECORDS      |         |          |
| 2405 LOG                   |         |          | WEIGHT AND BALANCE     |         |          |
| 1352 REPORTS               |         |          | MSG FILE               |         |          |
| LOCAL RECORDS              |         |          | DA FORM 2410 SUBMITTED |         |          |
|                            |         |          | LOCAL RECORDS          |         |          |
|                            |         |          |                        |         |          |

**Area No. Area Title**

- 1 Nose
- 2 Turret and Ammunition Compartment
- 3 Crew Compartment
- 4 Forward Fuselage
- 5 Landing Gear and Bottom Fuselage
- 6 Forward Fuel Cell and Lower Pylon
- 7 Wings (LH and RH)
- 8 Foreward Pylon
- 9 Pylon
- 10 Main Rotor
- 11 Engine
- 12 Aft Fuel Cell and Oil Cooler Blower
- 13 Aft Fuel Cell and Electrical Equipment
- 14 Tail Boom and Fin
- 15 Tail Rotor Drive Train
- 16 Tail Rotor

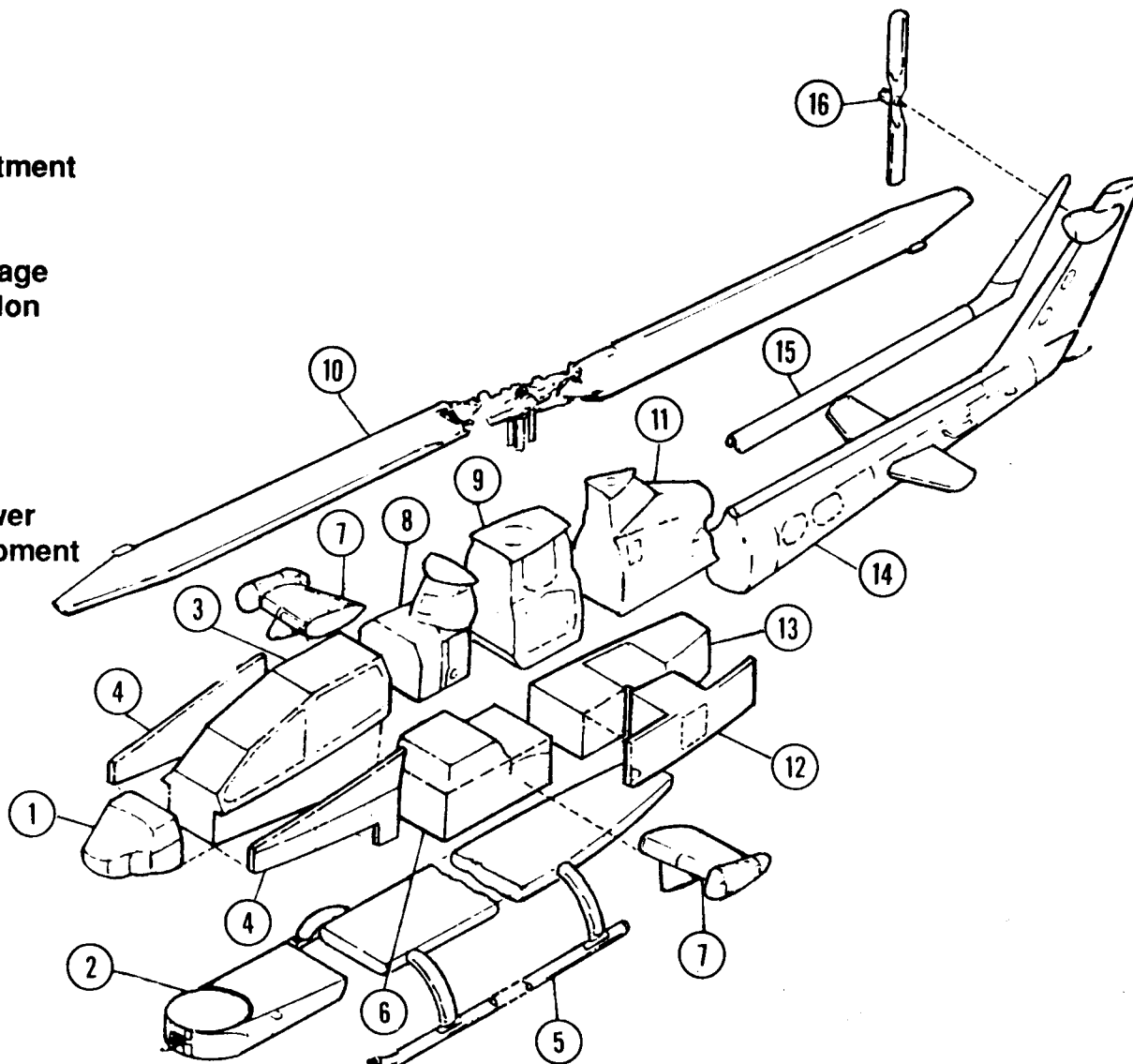


Figure 1-2. Inspection Areas.

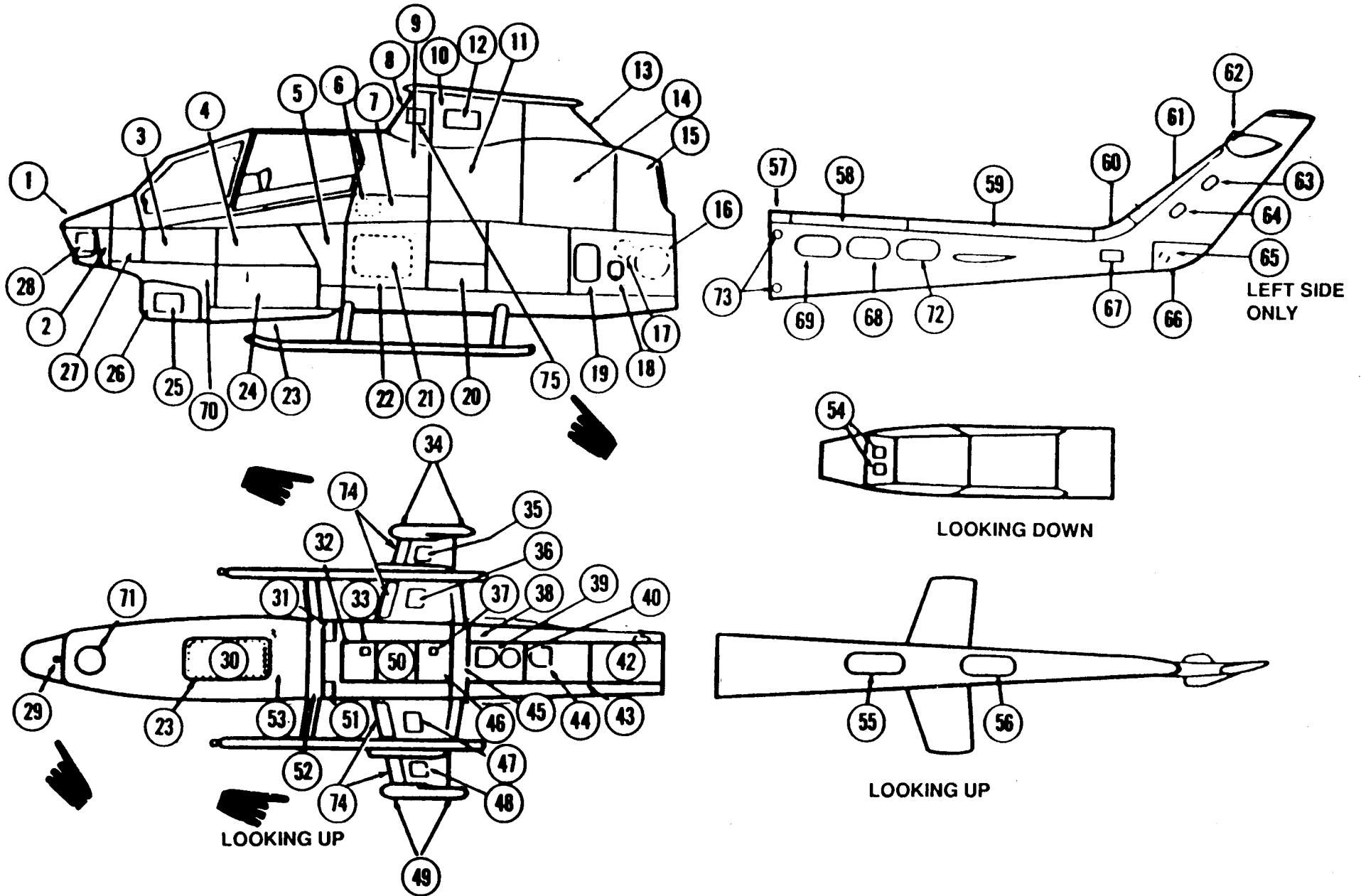


Figure 1-3. Model AH-1 Access and Inspection Provisions (Sheet 1 of 2)

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. Telescopic Sight Unit Upper Fairing</li> <li>2. Telescopic Sight Unit Side Fairing (Left and Right)</li> <li>3. Flight Controls Outer Panel (Left and Right)</li> <li>4. Flight Controls Outer Panel (Left and Right)</li> <li>5. Flight Controls Outer Panel (Left and Right)</li> <li>6. Tow Interface Unit Access Panel (RH Only)</li> <li>7. Fuel Cell Access Panel</li> <li>8. Forward Pylon Fairing</li> <li>9. Hydraulics Access Door (LH and RH)</li> <li>10. Center Pylon Fairing (LH and RH)</li> <li>11. Transmission Cowl</li> <li>12. Rotating Controls Access Door (LH and RH)</li> <li>13. Engine Oil Tank Aft Pylon Fairing</li> <li>14. Engine Cowl Assembly (LH and RH)</li> <li>15. Tail Pipe Fairing</li> <li>16. Battery Access Panel (RH only)</li> <li>17. Oil Cooler Access Panel (RH only)</li> <li>18. External Power Receptacle Door (LH only)</li> <li>19. Oil Cooler Duct Panel (LH only)</li> <li>20. Lower Transmission Access Panel (LH and RH)</li> <li>21. Interface Control Unit Access Panel</li> <li>22. Outer Fuel Cell Panel (Left Access)</li> <li>23. Telescopic Sight Unit Wiring Access Panel</li> <li>24. Ammunition Compartment Door (LH and RH)</li> <li>25. Turret Access Door</li> <li>26. Turret Fairing</li> <li>27. Controls Access Panel (LH and RH)</li> <li>28. Telescopic Sight Outer Fairing (LH and RH)</li> <li>29. Telescopic Sight Unit Access Plate and Plug</li> <li>30. Ammunition Compartment Upper Panel</li> <li>31. Avionics Wiring Access Panel (AH-1P)</li> <li>32. Forward Fuel Cell Sump Panel</li> <li>33. Forward Fuel Drain Panel</li> <li>34. Pylon Hydraulic and Electrical Access Panel (Left)</li> <li>35. TOW Hydraulic and Electrical Access Panel (Left)</li> <li>36. TOW Hydraulic and Electrical Access Panel (Left)</li> <li>37. Aft Fuel Cell Drain Cover</li> <li>38. Control Linkages Access Panel</li> </ol> | <ol style="list-style-type: none"> <li>39. Fuel Sump Drain Door</li> <li>40. APN 209 Antenna</li> <li>41. Jack Opening (LH only)</li> <li>42. Antenna and SCAS Control Tube</li> <li>43. Electrical Cables Lower Skin Panel</li> <li>44. Antenna AT 256/A</li> <li>45. Aft Crosstube Supports Fairing</li> <li>46. Aft Fuel Cell Sump Panel</li> <li>47. TOW Hydraulic and Electrical Access Panel (Right)</li> <li>48. TOW Hydraulic and Electrical Access Panel (Right)</li> <li>49. Pylon Hydraulic and Electrical Access Panel (Right)</li> <li>50. Control Linkages Access Panel</li> <li>51. Avionics Wiring Access Panel (AH-1P)</li> <li>52. Forward Crosstube Support Fairing</li> <li>53. SCAS Transducer, Hydraulic Lines Access Panel</li> <li>54. Armament Turret Access Panel (LH Side)</li> <li>55. Control Linkage Access Door</li> <li>56. Cooling Fan Access Door</li> <li>57. Tail Rotor Drive Shaft Forward Cover</li> <li>58. Tail Rotor Drive Shaft Center Cover</li> <li>59. Tail Rotor Drive Shaft Aft Cover</li> <li>60. 42 Degree Gearbox Cover</li> <li>61. Tail Rotor Drive Shaft Cover</li> <li>62. 90 Degree Gearbox Fairing and Cover</li> <li>63. Tail Rotor Control Linkage Access Cover AH-1P</li> <li>64. Tail Rotor Control Linkage Access Cover AH-1P</li> <li>65. Tail Structure and Tail Skid Access Cover (LH only)</li> <li>66. Tail Structure Fairing</li> <li>67. Tail Skid Attach Point Access (LH and RH)</li> <li>68. Avionics, Electronics Equipment and Cooling Fan Door (LH only)</li> <li>69. Avionics, Electronics Equipment and Cooling Fan Door (LH only) AH-1P)</li> <li>70. Rain Removal Valve (LH and RH)</li> <li>71. Pitot Static Line/Pedal Support Access Panel</li> <li>72. Avionics, Electronics Equipment and Cooling Fan Door (LH only)</li> <li>73. Tailboom Attaching Fitting Barrel Nut (LH and RH)</li> <li>74. Wing Leading Edge Access Panel (LH and RH)</li> <li>75. SU-130 Laser Sensor Detectors (LH and RH) (After MWO 55-1520-236-50-23)</li> </ol> |
|--|--|

Figure 1-3. Model AH-1 Access and Inspection Provisions (Sheet 2 of 2)



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ROTOR SMOOTHING RECORD

| RED BLADE SERIAL NUMBER   |     |      |         |        | WHITE BLADE SERIAL NUMBER |     |      |         |        |
|---------------------------|-----|------|---------|--------|---------------------------|-----|------|---------|--------|
| ADJUSTMENT NUMBER         | TAB | ROLL | BALANCE | EFFECT | ADJUSTMENT NUMBER         | TAB | ROLL | BALANCE | EFFECT |
| 1                         |     |      |         |        | 1                         |     |      |         |        |
| 2                         |     |      |         |        | 2                         |     |      |         |        |
| 3                         |     |      |         |        | 3                         |     |      |         |        |
| 4                         |     |      |         |        | 4                         |     |      |         |        |
| 5                         |     |      |         |        | 5                         |     |      |         |        |
| REMARKS                   |     |      |         |        |                           |     |      |         |        |
|                           |     |      |         |        |                           |     |      |         |        |
| _____<br>PILOTS SIGNATURE |     |      |         |        |                           |     |      |         |        |

Figure 1-4. Rotor Smoothing Record

1-13/(1-14 blank)

**TM 55-1520-244-PM**

**SECTION II - 25 HOUR INSPECTION**

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 738-751, the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG)) |  |                    |                       | TM           | DATE                  |         |
|--|--|--------------------|-----------------------|--------------|-----------------------|---------|
| INSPECTION NO<br>1 (25 HOUR)   | AREA NAME AND NUMBER<br>General                            | AIRCRAFT SERIAL NO |                       |              | TOTAL HOURS THIS AREA |         |
| AREA AND INSP REQ NO   | INSPECTION REQUIREMENTS                                    | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS             | INITIAL |
| 1.   | Engine oil sample. Aircraft without ODDS.                  |                    |                       |              |                       |         |
| 2.   | Transmission oil sample. Aircraft without ODDS.            |                    |                       |              |                       |         |
| 3.   | 42° gearbox oil sample.                                    |                    |                       |              |                       |         |
| 4.   | 90° gearbox oil sample.                                    |                    |                       |              |                       |         |
| 5.   | #1 hydraulic oil sample.                                   |                    |                       |              |                       |         |
| 6.   | #2 hydraulic oil sample.                                   |                    |                       |              |                       |         |
| 7.   | #3 hydraulic oil sample.                                   |                    |                       |              |                       |         |
| 8.   | Swashplate grease sample.                                  |                    |                       |              |                       |         |
| 9.   | Scissors and sleeve grease sample.                         |                    |                       |              |                       |         |
| 10.  | Inspect transmission chip detector. Aircraft without ODDS. |                    |                       |              |                       |         |

**“FOD REMINDER”**  
Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| <b>MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)</b><br>(For use of this form, see DA Pamphlet 738-751, the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG)) |  |                    |                       | TM           | DATE                  |         |
|---|--|--------------------|-----------------------|--------------|-----------------------|---------|
| INSPECTION NO<br>1 (25 HOUR)  | AREA NAME AND NUMBER<br>General                            | AIRCRAFT SERIAL NO |                       |              | TOTAL HOURS THIS AREA |         |
| AREA AND INSP REQ NO  | INSPECTION REQUIREMENTS                                    | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS             | INITIAL |
| 11.   | Inspect 42° gearbox chip detector.                         |                    |                       |              |                       |         |
| 12.   | Inspect 90° gearbox chip detector.                         |                    |                       |              |                       |         |
| 13.   | Deleted  |                    |                       |              |                       |         |
| 14.   | Deleted  |                    |                       |              |                       |         |
| 15.   | Inspect 42° gearbox filler cap vent.                       |                    |                       |              |                       |         |
| 16.   | Inspect 90° gearbox filler cap vent.                       |                    |                       |              |                       |         |
| 17.   | Inspect tail rotor and elevator control tubes and guides.  |                    |                       |              |                       |         |
| 18.   | Inspect K747 blade erosion guards.                         |                    |                       |              |                       |         |
| 18.1  | Aircraft equipped with ODDS, inspect engine chip detector. |                    |                       |              |                       |         |
| 19.   | Check washplate contact.                                   |                    |                       |              |                       |         |
| 20.   | Inspect scissors and sleeve.                               |                    |                       |              |                       |         |
| <b>"FOD REMINDER"</b><br>Check work area for tools and parts after completion of maintenance and inspection   |  |                    |                       |              |                       |         |

TM 55-1520-244-PM

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 738-751, the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG)) |   |                    |                       | TM           | DATE                  |         |
|--|---|--------------------|-----------------------|--------------|-----------------------|---------|
| INSPECTION NO<br>1 (25 HOUR)   | AREA NAME AND NUMBER<br>General   | AIRCRAFT SERIAL NO |                       |              | TOTAL HOURS THIS AREA |         |
| AREA AND INSP REQ NO   | INSPECTION REQUIREMENTS   | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS             | INITIAL |
| 20.1   | Inspect elastomeric pitch change rod end bearings.  |                    |                       |              |                       |         |
| 21.  | Inspect main rotor feather bearing.   |                    |                       |              |                       |         |
| 21.1   | Inspect main rotor pitch horn bushing.  |                    |                       |              |                       |         |
| 22.  | Retorque alternator V-band clamp.   |                    |                       |              |                       |         |
| 22.1   | Perform maintenance operational checks (MOC) IAW TM 1-1500-328-23   |                    |                       |              |                       |         |
| 22.2   | Check DA PAM 25-30 to determine if new applicable MWOs have been published: check that all URGENT MWOs have been applied to the equipment and that all NORMAL MWOs have been scheduled. |                    |                       |              |                       |         |
| 22.3   | Check 2408-18 for inspections due.  |                    |                       |              |                       |         |
| <p><b>“FOD REMINDER”</b><br/>Check work area for tools and parts after completion of maintenance and inspection</p>  |   |                    |                       |              |                       |         |

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| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG).) |   |                     |                       | TM                    | DATE      |         |
|---|---|---------------------|-----------------------|-----------------------|-----------|---------|
| INSPECTION NO.<br>1 (25 Hour)   | AREA NAME AND NUMBER<br>Avionics  | AIRCRAFT SERIAL NO. |                       | TOTAL HOURS THIS AREA |           |         |
| AREA AND INSP REQ NO  | INSPECTION REQUIREMENTS   | STATUS              | FAULTS AND/OR REMARKS | ACTION TAKEN          | MAN-HOURS | INITIAL |
| 22.4<br>C   | AH-1F (After MWO 55-1520-236-50-23)<br>Laser detectors SU-130 (Forward Pylon, left and right sides)<br>Inspect for dirty, scratched, cracked, broken, or fogged window. Inspect for loose or missing detector head assembly.<br>(TM 11-1520-236-23) |                     |                       |                       |           |         |
|   |   |                     |                       |                       |           |         |
|   |   |                     |                       |                       |           |         |
|   |   |                     |                       |                       |           |         |
|   |   |                     |                       |                       |           |         |
|   |   |                     |                       |                       |           |         |
|   |   |                     |                       |                       |           |         |
|   |   |                     |                       |                       |           |         |
|   |   |                     |                       |                       |           |         |
|   |   |                     |                       |                       |           |         |
|   |   |                     |                       |                       |           |         |
|   |   |                     |                       |                       |           |         |
|   |   |                     |                       |                       |           |         |
|   |   |                     |                       |                       |           |         |
|   |   |                     |                       |                       |           |         |
| <b>"FOD REMINDER"</b><br>Check work area for tools and parts after completion of maintenance and inspection   |   |                     |                       |                       |           |         |

**TM 55-1520-244-PM**

| <b>MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)</b>   |   |                     |                       | TM           | DATE                  |         |
|--|---|---------------------|-----------------------|--------------|-----------------------|---------|
| (For use of this form, see DA Pamphlet 738-751, the proponent agency is Deputy Chief of Stall for Logistics (DCSLOG).) |   |                     |                       |              |                       |         |
| INSPECTION NO<br><small>1 (25 Hour)</small>  | AREA NAME AND NUMBER<br><br>General   | AIRCRAFT SERIAL NO. |                       |              | TOTAL HOURS THIS AREA |         |
| AREA AND INSP REQ NO   | INSPECTION REQUIREMENTS   | STATUS              | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS             | INITIAL |
| 23.  | Inspect and clean all equipment. Remove rust or corrosion, spot paint as required. Inspect for missing, loose, cracked, distorted, or broken parts. Ensure component casing are not punctured or cracked. |                     |                       |              |                       |         |
|  |   |                     |                       |              |                       |         |
|  |   |                     |                       |              |                       |         |
|  |   |                     |                       |              |                       |         |
|  |   |                     |                       |              |                       |         |
| 24.  | Deleted.  |                     |                       |              |                       |         |
| 24.1   | Deleted.  |                     |                       |              |                       |         |
| 25.  | Ensure that visible wiring harness and intercabling is free from cuts and breaks and is properly connected to M65 units. (TM 9-1425-473-20)   |                     |                       |              |                       |         |
|  |   |                     |                       |              |                       |         |
|  |   |                     |                       |              |                       |         |
|  |   |                     |                       |              |                       |         |
|  |   |                     |                       |              |                       |         |
|  |   |                     |                       |              |                       |         |
|  |   |                     |                       |              |                       |         |
|  |   |                     |                       |              |                       |         |
|  |   |                     |                       |              |                       |         |
|  |   |                     |                       |              |                       |         |

**"FOD REMINDER"**  
 Check work area for tools end parts after completion of maintenance and inspection

A Form 4676-R, Dec 84

## TM 55-1520-244-PM

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Stall for Logistics (DCSLOG).) |  |                    |                       |              | TM                    | DATE    |
|---|--|--------------------|-----------------------|--------------|-----------------------|---------|
| INSPECTION NO<br>1 (25 Hour)  | AREA NAME AND NUMBER<br>Armament   | AIRCRAFT SERIAL NO |                       |              | TOTAL HOURS THIS AREA |         |
| AREA AND INSP REQ No  | INSPECTION REQUIREMENTS  | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS             | INITIAL |
| 26.   | TSU (without LAAT)<br>Ensure that optics are not cracked or broken. Ensure that eyeshield is not cracked or brittle. With window cover removed, ensure that if window has scratches, nicks or coating deterioration, it is not to the extent that it impairs view and field of vision. Ensure that small window cover is installed and that the four snap slides are safety wired. (TM 9-1 425-473-20) |                    |                       |              |                       |         |
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| 27.   | TSU (with LAAT)<br>Ensure that eyeshield is not cracked or brittle. With laser window cover removed, ensure that if window has scratches, nicks or coating deterioration, it is not to the extent that it impairs view and field of vision. Ensure that laser window cover is installed. Visually inspect LEU for physical damage. Ensure that connectors are secure as required. (TM 9-1425-473-20)   |                    |                       |              |                       |         |
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**“FOD REMINDER”**  
 Check work area for tools and parts after completion of maintenance and inspection



**TM 55-1520-244-PM**

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Stall for Logistics (DCSLOG).) |  |                    |                       | TM           | DATE                  |         |  |
|---|--|--------------------|-----------------------|--------------|-----------------------|---------|--|
| INSPECTION NO<br>1 (25 Hour)  | AREA NAME AND NUMBER<br>Armament   | AIRCRAFT SERIAL NO |                       |              | TOTAL HOURS THIS AREA |         |  |
| AREA AND<br>INSP REQ<br>NO  | INSPECTION REQUIREMENTS  | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-<br>HOURS         | INITIAL |  |
| 28.   | SHC Ensure that switches are free from binding. Ensure that track control stick is free from abnormal looseness. Check mounting brackets for firm support. Ensure connector is securely attached. (Ensure ACQ/TRK/STOW switch is set to STOW.) (TM 9-1 425-473-20) |                    |                       |              |                       |         |  |
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| 29.   | AH-1E/P/S<br>PSI Ensure that indicator glass is not cracked or broken and that moisture is not visible inside glass. Ensure connector is securely attached. Check mounting bracket for firm support. (TM 9-1425-473-20)  |                    |                       |              |                       |         |  |
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| <b>“FOD REMINDER”</b>   |  |                    |                       |              |                       |         |  |
| Check work area for tools and parts after completion of maintenance and inspection  |  |                    |                       |              |                       |         |  |

**TM 55-1520-244-PM**

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG).) |   |                    |                       | TM                    | DATE      |         |
|---|---|--------------------|-----------------------|-----------------------|-----------|---------|
| INSPECTION NO<br>1 (25 Hour)  | AREA NAME AND NUMBER<br>Armament  | AIRCRAFT SERIAL NO |                       | TOTAL HOURS THIS AREA |           |         |
| AREA AND INSP REQ NO  | INSPECTION REQUIREMENTS   | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN          | MAN-HOURS | INITIAL |
| 30.   | <b>AH-1E/P/S</b><br>MSP/MSI Ensure that switch is free from binding. Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. (TM 9-1425-473-20)  |                    |                       |                       |           |         |
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| 31.   | TCP Ensure that controls and switches are free from binding. (MIS-SILE SELECT switch rotates only CW). Ensure that indicator glass in not cracked or broken and that moisture is not visible inside of glass. (MODE SELECT switch to be set to OFF). (TM 9-1425-473-20) |                    |                       |                       |           |         |
|   |   |                    |                       |                       |           |         |
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| <b>"FOD REMINDER"</b><br>Check work area for tools and pane after completion of maintenance and inspection  |   |                    |                       |                       |           |         |

**TM 55-1520-244-PM**

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Stall for Logistics (DCSLOG.)) |  |                    |                       |              | TM                    | DATE    |
|---|--|--------------------|-----------------------|--------------|-----------------------|---------|
| INSPECTION NO<br>1 (25 Hour)  | AREA NAME AND NUMBER<br>Armament   | AIRCRAFT SERIAL NO |                       |              | TOTAL HOURS THIS AREA |         |
| AREA AND INSP REQ NO  | INSPECTION REQUIREMENTS  | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS             | INITIAL |
| 32.   | EPS Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. Ensure that filter vent is free of foreign objects. Ensure connectors are securely attached. (TM 9-1425-473-20)                 |                    |                       |              |                       |         |
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| 33.   | SCA Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. Ensure that filter vents are free of foreign objects. Clean filter. Ensure connectors are securely attached. (TM 9-1425-473-20) |                    |                       |              |                       |         |
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| 34.   | MCA Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. Ensure connectors are securely attached. (TM 9-1425-473-20)   |                    |                       |              |                       |         |
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| <p>"FOD REMINDER"</p> <p>Check work area for tools and parts after completion of maintenance and inspection</p>   |  |                    |                       |              |                       |         |

**TM 55-1520-244-PM**

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br><small>(For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Stall for Logistics (DCSLOG).)</small> |   |                    |                       | TM                    | DATE      |         |  |
|--|---|--------------------|-----------------------|-----------------------|-----------|---------|--|
| INSPECTION NO<br><small>1 (25 Hour)</small>  | AREA NAME AND NUMBER<br><br>Armament  | AIRCRAFT SERIAL NO |                       | TOTAL HOURS THIS AREA |           |         |  |
| AREA AND INSP REQ NO   | INSPECTION REQUIREMENTS   | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN          | MAN-HOURS | INITIAL |  |
| 35.  | TML Visually inspect all TML components. Inspect debris director assemblies and forward tube assemblies for visual abnormality. Replace TML items that could impair performance. Ensure that TML harness receptacle and launcher harness connector pins are not bent or broken and phenolic isolators are intact. Ensure that TML harness receptacle, launcher harness connector, and umbilical connectors are free of corrosion; clean with isopropyl alcohol. Apply lubricant to lug assemblies. Apply lubricant to TML harness connector. (TM 9-1425-473-20) |                    |                       |                       |           |         |  |
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| 36.  | EER Ensure that self locking swing bolts are free from binding. Ensure that guide pins are secure and not bent or broken. (TM 9-1425-473-20)  |                    |                       |                       |           |         |  |
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| <p><b>"FOD REMINDER"</b><br/>Check work area for tools and parts after completion of maintenance and inspection</p>  |   |                    |                       |                       |           |         |  |

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|---|---|---|-----------------------|-----------------------|-------------------|--|--|
| INSPECTION NO<br>1 (25 Hour)  | AREA NAME AND NUMBER<br>Armament  | AIRCRAFT SERIAL NO  |                       | TOTAL HOURS THIS AREA |                   |  |  |
| AREA AND INSP REQ NO  | INSPECTION REQUIREMENTS   | STATUS  | FAULTS AND/OR REMARKS | ACTION TAKEN          | MAN-HOURS INITIAL |  |  |
| 37.   | Electrical connectors: 20P8 and 20S8 AH-1E/F/P, P8 and S8 AH-IS. Ensure that connectors are free of contaminants or corrosion; clean with isopropyl alcohol. (TM 9-1425-473-20)   |   |                       |                       |                   |  |  |
|   |   |   |                       |                       |                   |  |  |
| 38.   | AH-1 P/S<br>DELINKING FEEDER MAU-56/A<br>Inspect feeder for dented, cracked, or loose parts. Cycle seven dummy rounds through feeder. Check that feeder delinks rounds, ejects links into link chute, and expels rounds using hand pressure applied to feeder gear. Inspect rounds for cuts or dents. If undue pressure is required or dummy rounds are found to be damaged repair the feeder. (TM 9-1090-203 Series) |   |                       |                       |                   |  |  |
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|   |   | <b>“FOD REMINDER”</b><br>Check work area for tools and parts after completion of maintenance and inspection |                       |                       |                   |  |  |

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| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA pamphlet 738-751; the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG).) |   |                     |                       | TM           | DATE                  |         |
|---|---|---------------------|-----------------------|--------------|-----------------------|---------|
| INSPECTION<br>1 (25 Hour)   | AREA NAME AND NUMBER  | AIRCRAFT SERIAL NO. |                       |              | TOTAL HOURS THIS AREA |         |
| AREA AND<br>INSP REQ<br>No  | INSPECTION REQUIREMENTS   | STATUS              | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-<br>HOURS         | INITIAL |
| 39.   | REFLEX SIGHT M73 AH-IE/P/S<br>Inspect reflex sight for damaged components. Check beamsplitter for freedom of movement. Inspect electrical cables for damage. (TM 9-1090-203 Series)   |                     |                       |              |                       |         |
| 40.   | ELECTRICAL CABLES (TURRET AREA, AMMUNITION COMPARTMENT AREAS) AH-1P/S<br>Check cable assemblies for secure connections. Inspect connectors for evidence of cross-threading or damage. Wires and insulation should not be cut or frayed. (TM 9-1090-203) |                     |                       |              |                       |         |
| 41.   | <b>AH-1F HUD (M76)</b><br>Set HUDS PWR switch to STBY. SP fan should run and be audible. (TM 9-1270-220-23&P)   |                     |                       |              |                       |         |
| 42.   | ELEVATION DRIVE CLUTCH AH-1E/F<br>Release elevation drive motor brake and move barrel cluster up and down two or three times to make certain that elevation drive system is free to move. Perform clutch slip check (TM 9-1090-206-20 Series).          |                     |                       |              |                       |         |
| <p><b>“FOD REMINDER”</b><br/>Check work area for tools and parts after completion of maintenance and inspection</p>   |   |                     |                       |              |                       |         |

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|--|--|---------------------|-----------------------|-----------------------|-----------|---------|
| INSPECTION NO  | AREA NAME AND NUMBER   | AIRCRAFT SERIAL NO. |                       | TOTAL HOURS THIS AREA |           |         |
| 1 (25 Hour)  | Armament   |                     |                       |                       |           |         |
| AREA AND INSP REQ NO   | INSPECTION REQUIREMENTS  | STATUS              | FAULTS AND/OR REMARKS | ACTION TAKEN          | MAN-HOURS | INITIAL |
| 43.  | RECOIL ADAPTER (E/F) Perform recoil adapter preload check. (TM 9-1090-206 Series)  |                     |                       |                       |           |         |
| 44.  | Perform maintenance operational checks (MOC) IAW TM 1-1500-328-25.   |                     |                       |                       |           |         |
| 45.  | MACHINE GUN DRIVE ASSEMBLY, M134 AH-1P/S Check gears for chipped or missing teeth and electrical cable for cuts or fraying. Clean and lubricate. (TM 9-1090-203 Series)  |                     |                       |                       |           |         |
| 46.  | GRENADE LAUNCHER, M129 AH-1P/S. Inspect for cracked, dented, or loose parts. Using dummy ammo, manually cycle the grenade launcher through one complete cycle. (A definite effort is required to cock and fire the launcher.) Check to see that feed slide assembly moves freely. Clean and lubricate the launcher. (TM 9-1090-203 Series) |                     |                       |                       |           |         |
| 47.  | DYNAMIC BRAKE TRANSDUCER AH-1P/S. Test the dynamic brake transducer in accordance with TM 9-1090-203 Series  |                     |                       |                       |           |         |
| <b>"FOD REMINDER"</b>  |  |                     |                       |                       |           |         |
| Check work area for tools and parts after completion of maintenance and inspection   |  |                     |                       |                       |           |         |

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|---|--|--------------------|-----------------------|-----------------------|-----------|---------|--|
| INSPECTION NO<br>2 (50 Hour)  | AREA NAME AND NUMBER<br>Armament   | AIRCRAFT SERIAL NO |                       | TOTAL HOURS THIS AREA |           |         |  |
| AREA AND INSP REQ NO  | INSPECTION REQUIREMENTS  | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN          | MAN-HOURS | INITIAL |  |
| 48.   | AIM-1/EXL AH-1F.<br>Check AIM-1/EXL aiming light and adapter for security and cleanliness. |                    |                       |                       |           |         |  |
| 49.   |  |                    |                       |                       |           |         |  |
|   | Perform system functional check.<br>(TM 9-1090-203)  |                    |                       |                       |           |         |  |
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**"FOD REMINDER"**  
Check work area for tools and parts after completion of maintenance and inspection



Signature Sheet (25 Hour Inspection)

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Signature of Person Accomplishing Necessary Work

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**TM 55-1520-244-PM**

**SECTION III - 50 HOUR INSPECTION**

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 738-751, the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG)) |   |                    |                       |              | TM                    | DATE    |
|--|---|--------------------|-----------------------|--------------|-----------------------|---------|
| INSPECTION NO<br>2 (50 HOUR)   | AREA NAME AND NUMBER<br>General   | AIRCRAFT SERIAL NO |                       |              | TOTAL HOURS THIS AREA |         |
| AREA AND INSP REQ NO   | INSPECTION REQUIREMENTS   | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS             | INITIAL |
| 1.   | Check DA PAM 25-30 to determine if new applicable MWOs have been published: check that all URGENT MWOs have been applied to the equipment and that all NORMAL MWOs have been scheduled. |                    |                       |              |                       |         |
| 2.   | Check 2408-18 for inspections due.  |                    |                       |              |                       |         |
| 3.   | Check avionic control heads and panels for general condition, loose knobs, and proper operation of switches.  |                    |                       |              |                       |         |
| 4.   | Engine oil sample. Aircraft without ODDS.   |                    |                       |              |                       |         |
| 5.   | Transmission oil sample. Aircraft without ODDS.   |                    |                       |              |                       |         |
| 6.   | 42° gearbox oil sample.   |                    |                       |              |                       |         |
| 7.   | 90° gearbox oil sample.   |                    |                       |              |                       |         |
| <p><b>"FOD REMINDER"</b><br/>Check work area for tools and parts after completion of maintenance and inspection</p>  |   |                    |                       |              |                       |         |

**TM 55-1520-244-PM**

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|---|---|--------------------|-----------------------|-----------------------|-----------|---------|
| INSPECTION NO<br>2 (50 HOUR)  | AREA NAME AND NUMBER<br>General                               | AIRCRAFT SERIAL NO |                       | TOTAL HOURS THIS AREA |           |         |
| AREA AND INSP REQ NO  | INSPECTION REQUIREMENTS                                       | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN          | MAN-HOURS | INITIAL |
| 8.  | #1 hydraulic oil sample.                                      |                    |                       |                       |           |         |
| 9.  | #2 hydraulic oil sample.                                      |                    |                       |                       |           |         |
| 10.   | #3 hydraulic oil sample.                                      |                    |                       |                       |           |         |
| 11.   | Swashplate grease sample.                                     |                    |                       |                       |           |         |
| 12.   | Scissors and sleeve grease sample.                            |                    |                       |                       |           |         |
| 13.   | Inspect transmission chip detector.<br>Aircraft without ODDS. |                    |                       |                       |           |         |
| 14.   | Inspect 42° gearbox chip detector.                            |                    |                       |                       |           |         |
| 15.   | Inspect 90° gearbox chip detector.                            |                    |                       |                       |           |         |
| 16.   | Deleted   |                    |                       |                       |           |         |
| 17.   | Deleted   |                    |                       |                       |           |         |

**“FOD REMINDER”**  
 Check work area for tools and parts after completion of maintenance and inspection

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 738-751, the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG)) |  |                    |                       | TM           | DATE                  |         |
|--|--|--------------------|-----------------------|--------------|-----------------------|---------|
| INSPECTION NO<br>2 (50 HOUR)   | AREA NAME AND NUMBER<br>General                            | AIRCRAFT SERIAL NO |                       |              | TOTAL HOURS THIS AREA |         |
| AREA AND INSP REQ NO   | INSPECTION REQUIREMENTS                                    | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS             | INITIAL |
| 17.1   | Aircraft equipped with ODDS, inspect engine chip detector. |                    |                       |              |                       |         |
| 18.  | Inspect 42° gearbox filler cap vent.                       |                    |                       |              |                       |         |
| 19.  | Inspect 90° gearbox filler cap vent.                       |                    |                       |              |                       |         |
| 20.  | Inspect tail rotor and elevator control tubes and guides.  |                    |                       |              |                       |         |
| 21.  | Inspect K747 blade erosion guards.                         |                    |                       |              |                       |         |
| 22.  | Check swashplate contact.                                  |                    |                       |              |                       |         |
| 23.  | Inspect scissors and sleeve.                               |                    |                       |              |                       |         |
| 23.1   | Inspect elastomeric pitch change rod end bearings.         |                    |                       |              |                       |         |
| 24.  | Inspect main rotor feather bearing.                        |                    |                       |              |                       |         |
| 24.1   | Retorque alternator V-band clamp.                          |                    |                       |              |                       |         |
| C  |  |                    |                       |              |                       |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 738-751, the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG).) |   |        |                       |                       | TM        | DATE    |
|---|---|--------|-----------------------|-----------------------|-----------|---------|
| INSPECTION NO<br>2 (50 Hour)  | AREA NAME AND NUMBER  |        | AIRCRAFT SERIAL NO.   | TOTAL HOURS THIS AREA |           |         |
| AREA AND INSP REQ NO  | INSPECTION REQUIREMENTS   | STATUS | FAULTS AND/OR REMARKS | ACTION TAKEN          | MAN-HOURS | INITIAL |
| 24.2  | Perform maintenance operational checks (MOC) IAW TM 1-1500-328-23.  |        |                       |                       |           |         |
| 24.3<br>C   | AH-1F (After MWO-55-1520-236-50-23) Laser detectors SU-130 (Forward pylon, left and right sides). Inspect for dirty, scratched, cracked, broken, or fogged window. Inspect for loose or missing detector head assembly. (TM 11-1520-236-23) |        |                       |                       |           |         |
| 24.4  | M89 FEEDER AH-1E/F Disassemble, clean, inspect, and lubricate. (TM 9-1090-206 Series)   |        |                       |                       |           |         |
| 24.5  | M197 CANNON AH-1E/F Disassemble, clean, inspect, and lubricate. Manually cycle six linked rounds of dummy ammo through the M89 feeder to the cannon. (TM 9-1090-206 Series).  |        |                       |                       |           |         |
| <b>"FOD REMINDER"</b>   |   |        |                       |                       |           |         |
| Check work area for tools and parts after completion of maintenance and inspection  |   |        |                       |                       |           |         |

**TM 55-1520-244-PM**

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 736-751; the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG).) |   | 1 TM               | DATE                  |              |
|---|---|--------------------|-----------------------|--------------|
| INSPECTION NO<br>2 (50 Hour)  | AREA NAME AND NUMBER<br>Armament  | AIRCRAFT SERIAL NO | TOTAL HOURS THIS AREA |              |
| AREA AND INSP REQ NO  | INSPECTION REQUIREMENTS   | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN |
| 25.   | Inspect and clean all equipment. Remove rust or corrosion, spot paint as required. Inspect for missing, loose, cracked, distorted, or broken parts. Ensure component casing are not punctured or cracked.   |                    |                       |              |
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| 26.   | Ensure that visible wiring harness and intercabling is free from cuts and breaks and is properly connected to M65 units. (TM 9-1425-473-20)   |                    |                       |              |
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| 27.   | TSU (without LAAT)<br>Ensure that optics are not cracked or broken. Ensure that eyeshield is not cracked or brittle. With window cover removed, ensure that if window has scratches, nicks or coating deterioration, it is not to the extent that it impairs view and field of vision. Ensure that small window cover is installed and that the four snap slides are safety wired. (TM 9-1425-473-20) |                    |                       |              |
|   |   |                    |                       |              |
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| <b>“FOD REMINDER”</b><br>Check work area for tools and parts after completion of maintenance and inspection   |   |                    |                       |              |

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| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 736-751; the proponent agency is Deputy Chief of Stall for Logistics (DCSLOG).) |   |                    |                       | TM           | DATE                  |         |
|---|---|--------------------|-----------------------|--------------|-----------------------|---------|
| INSPECTION NO   | AREA NAME AND NUMBER<br>Armament  | AIRCRAFT SERIAL NO |                       |              | TOTAL HOURS THIS AREA |         |
| AREA AND INSP REQ NO  | INSPECTION REQUIREMENTS   | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS             | INITIAL |
| 28.   | TSU (with LAAT)<br>Ensure that eyeshield is not cracked or brittle. With laser window cover removed, ensure that if window has scratches, nicks, or coating deterioration, it is not to the extent that it impairs view and field of vision. Ensure that laser window cover is installed. Visually inspect LEU for physical damage. Ensure that connectors are secure as required. (TM 9-1425-473-20) |                    |                       |              |                       |         |
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| 29.   | SHC Ensure that switches are free from binding. Ensure that track control stick is free from abnormal looseness. Check mounting brackets for firm support. Ensure connector is securely attached. (Ensure ACQ/TRK/STOW switch is set to STOW.) (TM 9-1425-473-20)   |                    |                       |              |                       |         |
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**“FOD REMINDER”**  
Check work area for tools and parts after completion of maintenance and inspection



**TM 55-1520-244-PM**

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br><small>(For use of this form, see DA Pamphlet 736-751; the proponent agency is Deputy Chief of Stall for Logistics (DCSLOG).)</small> |  |                    |                       | TM           | DATE      |         |  |
|--|--|--------------------|-----------------------|--------------|-----------|---------|--|
| INSPECTION NO<br>2 (50 Hour)   | AREA NAME AND NUMBER<br>Armament   | AIRCRAFT SERIAL NO | TOTAL HOURS THIS AREA |              |           |         |  |
| AREA AND INSP REQ NO   | INSPECTION REQUIREMENTS  | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS | INITIAL |  |
| 30.  | AH1-E/P/S<br>PSI Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. Ensure connector is securely attached. Check mounting bracket for firm support. (TM 9-1425-473-20) |                    |                       |              |           |         |  |
|  |  |                    |                       |              |           |         |  |
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| 31.  | AH-1S<br>MSP Ensure that switch is free from binding. Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. (TM 9-1425-473-20)  |                    |                       |              |           |         |  |
|  |  |                    |                       |              |           |         |  |
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**“FOD REMINDER”**  
 Check work area for tools and parts alter completion of maintenance and inspection

**TM 55-1520-244-PM**

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this term, see DA Pamphlet 736-751; the proponent agency is Deputy Chief of Stall for Logistics (DCSLOG).) |   |                    |                       | TM                    | DATE      |         |
|---|---|--------------------|-----------------------|-----------------------|-----------|---------|
| INSPECTION NO<br>2 (50 Hour)  | AREA NAME AND NUMBER<br>Armament  | AIRCRAFT SERIAL NO |                       | TOTAL HOURS THIS AREA |           |         |
| IREA AND NSP REQ NO   | INSPECTION REQUIREMENTS   | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN          | MAN-HOURS | INITIAL |
| 32.   | TCP Ensure that controls and switches are free from binding. (MIS-SILE SELECT switch rotates only CW). Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. (MODE SELECT switch to be set to OFF). (TM 9-1425-473-20) |                    |                       |                       |           |         |
|   |   |                    |                       |                       |           |         |
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| 33.   | EPS Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. Ensure that filter vent is free of foreign objects. Ensure connectors are securely attached. (TM 9-1425-473-20)  |                    |                       |                       |           |         |
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| <b>“FOD REMINDER”</b><br>Check work area for tools and parts after completion of maintenance and inspection   |   |                    |                       |                       |           |         |

**TM 55-1520-244-PM**

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 736-751; the proponent agency is Deputy Chief of Stall for Logistics (DCSLOG).) |  |                    |                       | TM                    | DATE      |         |  |
|---|--|--------------------|-----------------------|-----------------------|-----------|---------|--|
| INSPECTION NO<br>2 (50 Hour)  | AREA NAME AND NUMBER<br>Armament   | AIRCRAFT SERIAL NO |                       | TOTAL HOURS THIS AREA |           |         |  |
| AREA AND INSP REQ NO  | INSPECTION REQUIREMENTS  | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN          | MAN-HOURS | INITIAL |  |
| 34.   | SCA Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. Ensure that filter vents are free of foreign objects. Clean filter. Ensure connectors are securely attached. (TM 9-1425-473-20) |                    |                       |                       |           |         |  |
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|   |  |                    |                       |                       |           |         |  |
| 35.   | MCA Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. Ensure connectors are securely attached. (TM 9-1425-473-20)   |                    |                       |                       |           |         |  |
|   |  |                    |                       |                       |           |         |  |
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"FOD REMINDER"  
 Check work area for tool and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 736-751; the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG).) |   |                    |                       | TM                    | DATE      |         |  |
|---|---|--------------------|-----------------------|-----------------------|-----------|---------|--|
| INSPECTION NO<br>2(50 Hour)   | AREA NAME AND NUMBER<br>Armament  | AIRCRAFT SERIAL NO |                       | TOTAL HOURS THIS AREA |           |         |  |
| AREA AND INSP REQ NO  | INSPECTION REQUIREMENTS   | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN          | MAN-HOURS | INITIAL |  |
| 36.   | TML Visually inspect all TML components. Inspect debris director assemblies and forward tube assemblies for visual abnormality. Replace TML items that could impair performance. Ensure that TML harness receptacle and launcher harness connector pins are not bent or broken and phenolic isolators are intact. Ensure that TML harness receptacle, launcher harness connector, and umbilical connectors are free of corrosion; clean with isopropyl alcohol. Apply lubricant to lug assemblies. Apply lubricant to TML harness connector. (TM 9-1425-473-20) |                    |                       |                       |           |         |  |
|   |   |                    |                       |                       |           |         |  |
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| 37.   | EER Ensure that self locking swing bolts are free from binding. Ensure that guide pins are secure and not bent or broken. (TM 9-1425-473-20)  |                    |                       |                       |           |         |  |
|   |   |                    |                       |                       |           |         |  |
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| <p><b>“FOD REMINDER”</b><br/>Check work area for tools and parts after completion of maintenance and inspection</p>   |   |                    |                       |                       |           |         |  |

**TM 55-1520-244-PM**

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br><small>(For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG).)</small> |   |                    |                       | TM                    | DATE      |         |
|--|---|--------------------|-----------------------|-----------------------|-----------|---------|
| INSPECTION NO<br>2 (50 Hour)   | AREA NAME AND NUMBER<br>Armament  | AIRCRAFT SERIAL NO |                       | TOTAL HOURS THIS AREA |           |         |
| AREA AND INSP REQ NO   | INSPECTION REQUIREMENTS   | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN          | MAN-HOURS | INITIAL |
| 38.  | Electrical connectors: 20P8 and 20S8 AH-1E/F/P, P8 and S8 AH-1S. Ensure that connectors are free of contaminants or corrosion; clean with isopropyl alcohol. (TM 9-1425-473-20)   |                    |                       |                       |           |         |
| 39.  | AH-1 P/S<br>DELINKING FEEDER MAU-56/A<br>Inspect feeder for dented, cracked, or loose parts. Cycle seven dummy rounds through feeder. Check that feeder delinks rounds, ejects links into link chute, and expels rounds using hand pressure applied to feeder gear. Inspect rounds for cuts or dents. If undue pressure is required or dummy rounds are found to be damaged repair the feeder. (TM 9-1090-203 Series) |                    |                       |                       |           |         |
| <p><b>“FOD REMINDER”</b><br/>Check work area for tools and parts after completion of maintenance and inspection</p>  |   |                    |                       |                       |           |         |

DA Form 4676-R, Dec 84

**TM 55-1520-244-PM**

| <b>MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)</b><br>(For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Stall for Logistics (DCSLOG).)            |  |  |                       | TM           | DATE                  |         |
|---|--|--|-----------------------|--------------|-----------------------|---------|
| INSPECTION NO<br>2 (50 Hour)  | AREA NAME AND NUMBER<br>Armament   | AIRCRAFT SERIAL NO   |                       |              | TOTAL HOURS THIS AREA |         |
| AREA AND INSP REQ NO  | INSPECTION REQUIREMENTS  | STATUS   | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS             | INITIAL |
| <b>40.</b><br>AH-1E/P/S<br>REFLEX SIGHT M73<br>Inspect reflex sight for damaged components. Check beamsplitter for freedom of movement. Inspect electrical cables for damage. (TM 9-1090-203/206) | <b>41.</b><br>AH-1P/S<br>FLEXIBLE SHAFT ASSEMBLY (TURRET AREA)<br>Inspect shaft assembly for evidence of wear, binding, or twisting. Check shaft housing for cuts and possible separation at connectors. Clean and lubricate. (TM 9-1090-203 Series) | <b>42.</b><br>AH-1F HUD (M76)<br>Set HUDS PWR switch to STBY. SP fan should run and be audible. (TM 9-1270-220-23&P) |                       |              |                       |         |
|   |  |  |                       |              |                       |         |
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# TM 55-1520-244-PM

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br><small>(For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Stall for Logistics (DCSLOG))</small> |   |                    |                       |              | TM                    | DATE    |
|---|---|--------------------|-----------------------|--------------|-----------------------|---------|
| INSPECTION NO<br>2 (50 Hour)  | AREA NAME AND NUMBER<br>Armament  | AIRCRAFT SERIAL NO |                       |              | TOTAL HOURS THIS AREA |         |
| AREA AND INSP REQ NO  | INSPECTION REQUIREMENTS   | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS             | INITIAL |
| 43.   | INTERVALOMETERS (FUSELAGE AND ENGINE AREA, LEFT AND RIGHT SIDES (P/S)<br>Perform check for ground at all rocket launcher firing contacts using multimeter or rocket system tester, if rocket pods are installed. (TM 9-1055-460-13&P) |                    |                       |              |                       |         |
|   |   |                    |                       |              |                       |         |
|   |   |                    |                       |              |                       |         |
|   |   |                    |                       |              |                       |         |
| 44.   | RECOIL ADAPTER (E/F)<br>Perform recoil adapter preload check. (TM 9-1090-206 Series)  |                    |                       |              |                       |         |
|   |   |                    |                       |              |                       |         |
|   |   |                    |                       |              |                       |         |
| 45.   | MACHINE GUN DRIVE ASSEMBLY, M134 (P/S)<br>Check gears for chipped or missing teeth and electrical cable for cuts or fraying. Clean and lubricate. (TM 9-1090-203 Series).   |                    |                       |              |                       |         |
|   |   |                    |                       |              |                       |         |
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**“FOD REMINDER”**  
Check work area after completion of maintenance and inspection

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**TM 55-1520-244-PM**

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|---|---|---------------------|-----------------------|--------------|---------------|---------|
| INSPECTION NO<br>2(50 HOUR)   | AREA NAME AND NUMBER<br>General   | AIRCRAFT SERIAL NO. | TOTAL HOURS THIS AREA |              |               |         |
| AREA AND<br>INSP REQ<br>NO  | INSPECTION REQUIREMENTS   | STATUS              | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-<br>HOURS | INITIAL |
| 46.   | GRENADE LAUNCHER, M129 (P/S)<br>Inspect for cracked, dented, or loose parts. Using dummy ammo manually cycle the grenade launcher through one complete cycle. (A definite effort is required to cock and fire the launcher.) Check to see that feed slide assembly moves freely. Clean and lubricate the launcher. (TM 9-1090-203 Series) |                     |                       |              |               |         |
|   |   |                     |                       |              |               |         |
|   |   |                     |                       |              |               |         |
|   |   |                     |                       |              |               |         |
| 47.   | DYNAMIC BRAKE TRANSDUCER, AH-1P/S<br>Test the dynamic brake transducer in accordance with TM 9-1090-203 Series.   |                     |                       |              |               |         |
|   |   |                     |                       |              |               |         |
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| 48.   | Deleted.  |                     |                       |              |               |         |
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| <b>"FOD REMINDER"</b><br>Check work area for tools and parts after completion of maintenance and inspection   |   |                     |                       |              |               |         |

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**TM 55-1520-244-PM**

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|--|---|--------------------|-----------------------|--------------|-----------------------|---------|
| INSPECTION NO<br>2 (50 Hour)   | AREA NAME AND NUMBER<br>Armament  | AIRCRAFT SERIAL NO |                       |              | TOTAL HOURS THIS AREA |         |
| AREA AND<br>INSP REQ<br>NO   | INSPECTION REQUIREMENTS   | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-<br>HOURS         | INITIAL |
| 51.  | RECOIL ADAPTER AH-1 E/F<br>Clean and lubricate recoil adapter slider assemblies. Check covers for cracks, tears, and deterioration, if defective replace. Clean and lubricate spindles. Check spindles and retainers for cracks, deformation, and damaged threads. Check housing for elongated mounting holes, cracked, and damaged threads, if defective replace. (TM 9-1090-206 Series) |                    |                       |              |                       |         |
| 52.  | TURRET ASSEMBLY<br>Lubricate assembly. (TM 9-1090-206 Series)   |                    |                       |              |                       |         |
| 53.  | AMMUNITION FEED SYSTEM AH-1 E/F<br>Clean and lubricate assembly (TM 9-1090-206)   |                    |                       |              |                       |         |
| 54.  | GUN DRIVE ASSEMBLY AH-1 E/F<br>Clean and lubricate assembly (TM 9-1090-206)   |                    |                       |              |                       |         |
| <p><b>"FOD REMINDER"</b><br/>Check work area for tools and parts after completion of maintenance and inspection</p>  |   |                    |                       |              |                       |         |

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### TM 55-1520-244-PM

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 738-751, the proponent agency is Deputy Chief of Stall for Logistics (DCSLOG) ) |  |                    |                       | TM                   | DATE         |         |
|---|--|--------------------|-----------------------|----------------------|--------------|---------|
| INSPECTION NO<br>2 (50 Hour)  | AREA NAME AND NUMBER<br>Armmament  | AIRCRAFT SERIAL NO |                       | TOTA HOURS THIS AREA |              |         |
| AREA AND<br>INSP REQ<br>NO  | INSPECTION REQUIREMENTS  | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN         | MAN<br>HOURS | INITIAL |
| 55.   | ROCKET LAUNCHER AH-1 E/F<br>Inspect and check alignment<br>(TM 9-1090-203)                                       |                    |                       |                      |              |         |
| 56.   | GUN DRIVE ASSEMBLY, M129 (40MM)<br>AH-1 P/S<br>Clean and lubricate assembly (TM 9-1090-203)                      |                    |                       |                      |              |         |
| 57.   | FLEXIBLE DRIVE SHAFT, M129 (40MM)<br>AH-1 P/S<br>Inspect and lubricate. (TM 9-1090-203)                          |                    |                       |                      |              |         |
| 58.   | ELECTRICAL CABLES (TURRET AND<br>AMMUNITION COMPARTMENT) AH-1<br>P/S<br>Inspect in accordance with TM 9-1090-203 |                    |                       |                      |              |         |
| 59.   | MACHINE GUN, M134 AH-1 P/S<br>Clean, inspect, and lubricate. (TM 9-1090-203)                                     |                    |                       |                      |              |         |
| 60.   | Quick check boresight. (TM<br>9-1090-203)  |                    |                       |                      |              |         |
| <p><b>“FOD REMINDER”</b><br/>Check work area for tools and parts after completion of maintenance and inspection</p>   |  |                    |                       |                      |              |         |

DA Form 4676-R, Dec 84

**TM 55-1520-244-PM**

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see Pamphlet 738-751, the proponent agency is Deputy chief of Staff for Logistics (DCSLOG) ) |   |                    |                       | TM                    | DATE          |         |
|--|---|--------------------|-----------------------|-----------------------|---------------|---------|
| INSPECTION NO<br>2 (50 Hour)   | AREA NAME AND NUMBER<br>Armament  | AIRCRAFT SERIAL NO |                       | TOTAL HOURS THIS AREA |               |         |
| AREA AND<br>INSP REQ<br>NO   | INSPECTION REQUIREMENTS   | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN          | MAN-<br>HOURS | INITIAL |
| 61.  | AIM-1/EXL AH-1F.<br>Check boresight of AIM-1/EXL<br>aiming light. (TM 9-1090-203<br>Series) |                    |                       |                       |               |         |
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| 62.  | Perform system functional check.<br>(TM 9-1090-203 Series)                                  |                    |                       |                       |               |         |
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| 63.  | Perform maintenance operational<br>checks. (MOC) IAW TM 1-1500-<br>328-25                   |                    |                       |                       |               |         |
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**“FOD REMINDER”**  
Check work area for tools and parts after completion of maintenance and inspection

DA Form 4676-R, Dec 84

**TM 55-1520-244-PM**

Signature Sheet (50 Hour Inspection)

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Signature of Person Accomplishing Necessary Work

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Signature of Maintenance Supervisor

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Signature of Technical Inspector

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Signature of Maintenance Officer

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**TM 55-1520-244-PM**

**SECTION IV- 75 HOUR INSPECTION**

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 738-751, the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG)) |  |                    |                       |              | TM                    | DATE    |
|--|--|--------------------|-----------------------|--------------|-----------------------|---------|
| INSPECTION NO<br>3 (75 HOUR)   | AREA NAME AND NUMBER<br>General                            | AIRCRAFT SERIAL NO |                       |              | TOTAL HOURS THIS AREA |         |
| AREA AND INSP REQ NO   | INSPECTION REQUIREMENTS                                    | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS             | INITIAL |
| 1.   | Engine oil sample. Aircraft without ODDS.                  |                    |                       |              |                       |         |
| 2.   | Transmission oil sample. Aircraft without ODDS.            |                    |                       |              |                       |         |
| 3.   | 42° gearbox oil sample.                                    |                    |                       |              |                       |         |
| 4.   | 90° gearbox oil sample.                                    |                    |                       |              |                       |         |
| 5.   | #1 hydraulic oil sample.                                   |                    |                       |              |                       |         |
| 6.   | #2 hydraulic oil sample.                                   |                    |                       |              |                       |         |
| 7.   | #3 hydraulic oil sample.                                   |                    |                       |              |                       |         |
| 8.   | Swashplate grease sample.                                  |                    |                       |              |                       |         |
| 9.   | Scissors and sleeve grease sample.                         |                    |                       |              |                       |         |
| 10.  | Inspect transmission chip detector. Aircraft without ODDS. |                    |                       |              |                       |         |

**“FOD REMINDER”**  
Check work area for tools and parts after completion of maintenance and inspection



| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 738-751, the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG). |   |                     |                       | TM                    | DATE      |         |
|--|---|---------------------|-----------------------|-----------------------|-----------|---------|
| INSPECTION NO  | AREA NAME AND NUMBER                                      | AIRCRAFT SERIAL NO. |                       | TOTAL HOURS THIS AREA |           |         |
| 3 (75 Hour)  | General   |                     |                       |                       |           |         |
| AREA AND INSP REQ NO   | INSPECTION REQUIREMENTS                                   | STATUS              | FAULTS AND/OR REMARKS | ACTION TAKEN          | MAN-HOURS | INITIAL |
| 11.  | Inspect 42° gearbox chip detector.                        |                     |                       |                       |           |         |
| 12.  | Inspect 90° gearbox chip detector.                        |                     |                       |                       |           |         |
| 13.  | Deleted.  |                     |                       |                       |           |         |
| 14.  | Inspect transmission oil filter. Aircraft without ODDS.   |                     |                       |                       |           |         |
| 15.  | Inspect 42° gearbox filler cap vent.                      |                     |                       |                       |           |         |
| 16.  | Inspect 90° gearbox filler cap vent.                      |                     |                       |                       |           |         |
| 17.  | Inspect tail rotor and elevator control tubes and guides. |                     |                       |                       |           |         |
| 18.  | Inspect K747 blade erosion guards.                        |                     |                       |                       |           |         |
| 19.  | Check swashplate contact.                                 |                     |                       |                       |           |         |
| 19.1   | Inspect engine chip detectors. Aircraft without ODDS.     |                     |                       |                       |           |         |
| <b>"FOD REMINDER"</b><br>Check work area for tools and parts after completion of maintenance and inspection  |   |                     |                       |                       |           |         |

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 738-751, the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG)) |   |                    |                       |              | TM                    | DATE    |
|--|---|--------------------|-----------------------|--------------|-----------------------|---------|
| INSPECTION NO<br>3 (75 HOUR)   | AREA NAME AND NUMBER<br>General   | AIRCRAFT SERIAL NO |                       |              | TOTAL HOURS THIS AREA |         |
| AREA AND INSP REQ NO   | INSPECTION REQUIREMENTS   | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS             | INITIAL |
| 20.  | Inspect scissors and sleeve.  |                    |                       |              |                       |         |
| 20.1   | Inspect elastomeric pitch change rod end bearings.  |                    |                       |              |                       |         |
| 21.  | Inspect main rotor feather bearing.   |                    |                       |              |                       |         |
| 22.  | Retorque alternator V-band clamp.   |                    |                       |              |                       |         |
| 22.1   | Perform maintenance operational checks (MOC) IAW TM 1-1500-328-23.  |                    |                       |              |                       |         |
| 22.2   | Deleted   |                    |                       |              |                       |         |
| 22.3   | Check DA PAM 25-30 to determine if new applicable MWOs have been published: Check that all URGENT MWOs have been applied to the equipment and that all NORMAL MWOs have been scheduled. |                    |                       |              |                       |         |
| 22.4   | Check 2408-18 for inspections due.  |                    |                       |              |                       |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form see DA Pamphlet 733-751; the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG).) |   |                     |                       | TM           | DATE                  |         |  |
|--|---|---------------------|-----------------------|--------------|-----------------------|---------|--|
| INSPECTION NO.<br>3 (75 Hour)  | AREA NAME AND NUMBER<br>Avionics  | AIRCRAFT SERIAL NO. |                       |              | TOTAL HOURS THIS AREA |         |  |
| AREA AND INSP REQ NO   | INSPECTION REQUIREMENTS   | STATUS              | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS             | INITIAL |  |
| 22.5<br>C  | AH-1F (After MWO 55-1520-236-50-23)<br>Laser detectors SU-130 (Forward pylon, left and right sides)<br>Inspect for dirty, scratched, cracked, broken, or fogged window. Inspect for loose or missing detector head assembly.<br>(TM 11-1520-236-23) |                     |                       |              |                       |         |  |
|  |   |                     |                       |              |                       |         |  |
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| <b>"FOD REMINDER"</b>  |   |                     |                       |              |                       |         |  |
| Check work area for tools and parts after completion of maintenance and inspection   |   |                     |                       |              |                       |         |  |

| <b>MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)</b><br>(For use of this form, see DA Pamphlet 738-51, the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG).) |  |                     |                       | TM           | DATE                  |         |
|---|--|---------------------|-----------------------|--------------|-----------------------|---------|
| INSPECTION NO<br>3 (75 Hour)  | AREA NAME AND NUMBER<br>Armament   | AIRCRAFT SERIAL NO. |                       |              | TOTAL HOURS THIS AREA |         |
| AREA AND INSP REQ No  | INSPECTION RETIREMENTS   | STATUS              | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS             | INITIAL |
| 23.   | Inspect and clean all equipment. Remove rust or corrosion, spot paint as required. Inspect for missing, loose, cracked, distorted or broken parts. Ensure component casing are not punctured or cracked. |                     |                       |              |                       |         |
| 24.   | Deleted.   |                     |                       |              |                       |         |
| 24.1  | Deleted.   |                     |                       |              |                       |         |
| 25.   | Ensure that visible harness and inter-cabling is free from cuts and breaks and is properly connected to M85 units. (TM 9-1425-473-20)  |                     |                       |              |                       |         |
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| <b>“FOD REMINDER”</b><br>Check work area for tools and parts after completion of maintenance and inspection.  |  |                     |                       |              |                       |         |

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 738-751, the proponent agency is Deputy Chief of Stall for Logistics (DCSLOG) ) |   |                    |                       |              |                       |         |  |
|---|---|--------------------|-----------------------|--------------|-----------------------|---------|--|
| INSPECTION NO<br>3 (75 Hour)  | AREA NAME AND NUMBER<br>Armament  | AIRCRAFT SERIAL NO |                       |              | TOTAL HOURS THIS AREA |         |  |
| AREA AND INSP REQ NO  | INSPECTION REQUIREMENTS   | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS             | INITIAL |  |
| 26.   | TSU (without LAAT)<br>Ensure that optics are not cracked or broken. Ensure that eyeshield is not cracked or brittle. With window cover removed, ensure that if window has scratches, nicks or coating deterioration, it is not to the extent that it impairs view and field of vision. Ensure that small window cover is installed and that the four snap slides are safety wired. (TM 9-1425-473-20) |                    |                       |              |                       |         |  |
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| 27  | TSU (with LAAT)<br>Ensure that eyeshield is not cracked or brittle. With laser window cover removed, ensure that if window has scratches, nicks or coating deterioration, it is not to the extent that it impairs view and field of vision. Ensure that laser window cover is installed. Visually inspect LEU for physical damage. Ensure that connectors are secure as required. (TM 9-1425-473-20)  |                    |                       |              |                       |         |  |
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**“FOD REMINDER”**  
Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Stall for Logistics (DCSLOG) ) |  |                    |                       | TM                    | DATE      |         |
|---|--|--------------------|-----------------------|-----------------------|-----------|---------|
| INSPECTION NO<br>3 (75 Hour)  | AREA NAME AND NUMBER<br>Armament   | AIRCRAFT SERIAL NO |                       | TOTAL HOURS THIS AREA |           |         |
| AREA AND INSP REQ NO  | INSPECTION REQUIREMENTS  | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN          | MAN-HOURS | INITIAL |
| 28.   | SHC Ensure that switches are free from binding. Ensure that track control stick is free from abnormal looseness. Check mounting brackets for firm support. Ensure connector is securely attached. (Ensure ACQ/TRK/STOW switch is set to STOW.) (TM 9-1 425-473-20) |                    |                       |                       |           |         |
|   |  |                    |                       |                       |           |         |
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|   |  |                    |                       |                       |           |         |
| 29.   | AH-1E/P/S<br>PSI Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. Ensure connector is securely attached. Check mounting bracket for firm support. (TM 9-1425-473-20)   |                    |                       |                       |           |         |
|   |  |                    |                       |                       |           |         |
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|   |  |                    |                       |                       |           |         |
| 30.   | AH1-S<br>MSP Ensure that switch is free from binding. Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. (TM 9-1425-473-20)  |                    |                       |                       |           |         |
|   |  |                    |                       |                       |           |         |
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| <b>"FOD REMINDER"</b><br>Check work area for tools and parts after completion of maintenance and inspection   |  |                    |                       |                       |           |         |

**TM 55-1520-244-PM**

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 738-751, the proponent agency's Deputy Chief of Staff for Logistics (DCSLOG)) |   |                    | TM                    | DATE                  |           |         |
|---|---|--------------------|-----------------------|-----------------------|-----------|---------|
| INSPECTION NO<br>3 (75 Hour)  | AREA NAME AND NUMBER<br>Armament  | AIRCRAFT SERIAL NO |                       | TOTAL HOURS THIS AREA |           |         |
| AREA AND INSP REQ NO  | INSPECTION REQUIREMENTS   | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN          | MAN-HOURS | INITIAL |
| 31.   | TCP Ensure that controls and switches are free from binding. (MIS-SILE SELECT switch rotates only CW). Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. (MODE SELECT switch to be set to OFF). (TM 9-1425-473-20) |                    |                       |                       |           |         |
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| 32  | EPS Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. Ensure that filter vent is free of foreign objects. Ensure connectors are securely attached. (TM 9-1425-473-20)  |                    |                       |                       |           |         |
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| <b>"FOD REMINDER"</b><br>Check work area for tools and parts after completion of maintenance and inspection   |   |                    |                       |                       |           |         |

**TM 55-1520-244-PM**

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Stall for Logistics (DCSLOG) ) |  |                    |                       | TM                    | DATE          |         |
|---|--|--------------------|-----------------------|-----------------------|---------------|---------|
| INSPECTION NO<br>3 (75 Hour)  | AREA NAME AND NUMBER<br>Armament   | AIRCRAFT SERIAL NO |                       | TOTAL HOURS THIS AREA |               |         |
| AREA AND<br>INSP REQ<br>NO  | INSPECTION REQUIREMENTS  | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN          | MAN-<br>HOURS | INITIAL |
| 33.   | SCA Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. Ensure that filter vents are free of foreign objects. Clean filter. Ensure connectors are securely attached. (TM 9-1425-473-20) |                    |                       |                       |               |         |
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| 34."  | MCA Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. Ensure connectors are securely attached. (TM 9-1425-473-20)   |                    |                       |                       |               |         |
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**“FOD REMINDER”**  
Check work area for tools and parts after completion of maintenance and inspection



**TM 55-1520-244-PM**

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 73&751, the proponent agency is Deputy Chief of Stall for Logistics (DCSLOG) ) |   |                    | TM                    | DATE         |                       |         |  |
|--|---|--------------------|-----------------------|--------------|-----------------------|---------|--|
| INSPECTION NO<br>3 (75 Hour)   | AREA NAME AND NUMBER<br>Armament  | AIRCRAFT SERIAL NO |                       |              | TOTAL HOURS THIS AREA |         |  |
| AREA AND INSP REQ NO   | INSPECTION REQUIREMENTS   | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS             | INITIAL |  |
| 35.  | TML Visually inspect all TML components. Inspect debris director assemblies and forward tube assemblies for visual abnormality. Replace TML items that could impair performance. Ensure that TML harness receptacle and launcher harness connector pins are not bent or broken and phenolic isolators are intact. Ensure that TML harness receptacle, launcher harness connector, and umbilical connectors are free of corrosion; clean with isopropyl alcohol. Apply lubricant to lug assemblies. Apply lubricant to TML harness connector. (TM 9-1425-473-20) |                    |                       |              |                       |         |  |
|  |   |                    |                       |              |                       |         |  |
|  |   |                    |                       |              |                       |         |  |
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|  |   |                    |                       |              |                       |         |  |
| 36.  | EER Ensure that self locking swing bolts are free from binding. Ensure that guide pins are secure and not bent or broken. (TM 9-1425-473-20)  |                    |                       |              |                       |         |  |
|  |   |                    |                       |              |                       |         |  |
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**FOD REMINDER”**  
Check work area for tools and parts after completion of maintenance and inspection

DA Form 4676-R, Dec 84

**TM 55-1520-244-PM**

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Stall for Logistics (DCSLOG).) |   |                    |                       | TM           | DATE                  |         |  |  |
|---|---|--------------------|-----------------------|--------------|-----------------------|---------|--|--|
| INSPECTION NO<br>3 (75 Hour)  | AREA NAME AND NUMBER<br>Armament  | AIRCRAFT SERIAL NO |                       |              | TOTAL HOURS THIS AREA |         |  |  |
| AREA AND INSP REQ NO  | INSPECTION REQUIREMENTS   | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS             | INITIAL |  |  |
| 37.   | Electrical connectors: 20P8 and 20S8 AH-IE/F/P, P8 and S8 AH-IS. Ensure that connectors are free of contaminants or corrosion; clean with isopropyl alcohol. (TM 9-1425-473-20)   |                    |                       |              |                       |         |  |  |
|   |   |                    |                       |              |                       |         |  |  |
| 38.   | DELINKING FEEDER MAU-56/A<br>Inspect feeder for dentad, cracked, or loose parts. Cycle seven dummy rounds through feeder. Check that feeder delinks rounds, ejects links into link chute, and expels rounds using hand pressure applied to feeder gear. Inspect rounds for cuts or dents. If undue pressure is required or dummy rounds are found to be damaged repair the feeder. (TM 9-1090-203 Series) |                    |                       |              |                       |         |  |  |
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| <b>“FOD REMINDER”</b><br>Check work area for tools and parts after completion of maintenance and inspection   |   |                    |                       |              |                       |         |  |  |

**TM 55-1520-244-PM**

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG) ) |   |                    |                       | TM           | DATE      |         |  |
|---|---|--------------------|-----------------------|--------------|-----------|---------|--|
| INSPECTION NO<br>3 (75 Hour)  | AREA NAME AND NUMBER<br>Armament  | AIRCRAFT SERIAL NO | TOTAL HOURS THIS AREA |              |           |         |  |
| AREA AND INSP REQ NO  | INSPECTION REQUIREMENTS   | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS | INITIAL |  |
| 39.   | REFLEX SIGHT M73 AH-1 E/P/S<br>Inspect reflex sight for damaged components. Check beamsplitter for freedom of movement. Inspect electrical cables for damage. (TM 9-1 090-203/206). |                    |                       |              |           |         |  |
|   |   |                    |                       |              |           |         |  |
| 40.   |   | Deleted.           |                       |              |           |         |  |
|   |   |                    |                       |              |           |         |  |
| 41.   | AH-1F HUD (M76)<br>Set HUDS PWR switch on STBY. SP fan should run and be audible. (TM 9-1270-220-13&P)  |                    |                       |              |           |         |  |
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**“FOD REMINDER”**  
Check work area for tools and parts after completion of maintenance and inspection

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG).) |  |                     |                       |              | TM                    | DATE    |
|---|--|---------------------|-----------------------|--------------|-----------------------|---------|
| INSPECTION NO.<br>3 (75 Hour)   | AREA NAME AND NUMBER<br>Armament   | AIRCRAFT SERIAL NO. |                       |              | TOTAL HOURS THIS AREA |         |
| AREA AND INSP REQ NO  | INSPECTION REQUIREMENTS  | STATUS              | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS             | INITIAL |
| 42.   | MACHINE GUN DRIVE ASSEMBLY, M134 (P/S)<br>Check gears for chipped or missing teeth and electrical cable for cuts or fraying. Clean and lubricate. (TM 9-1090-203 Series) |                     |                       |              |                       |         |
| 43.   | ROCKET LAUNCHERS ALIGNMENT<br>Check (TM 9-1090-206-20-1/2)   |                     |                       |              |                       |         |
| 44.   | AMMUNITION FEED SYSTEM AH-1 E/F<br>Inspect, clean, and lubricate (TM 9-1090-206)   |                     |                       |              |                       |         |
| 45.   | GUN DRIVE ASSEMBLY AH-1 E/F<br>Inspect, clean, and lubricate (TM 9-1090-206)   |                     |                       |              |                       |         |
| 46.   | GUN DRIVE ASSEMBLY AH-1 P/S<br>Inspect, clean, and lubricate (TM 9-1090-206)   |                     |                       |              |                       |         |
| <b>"FOD REMINDER"</b>   |  |                     |                       |              |                       |         |
| Check work area for tools and parts after completion of maintenance and inspection  |  |                     |                       |              |                       |         |

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br><small>(For use of this form, see DA Pamphlet 738-751, the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG).)</small> |   |        |                       | TM           | DATE                  |         |
|--|---|--------|-----------------------|--------------|-----------------------|---------|
| INSPECTION NO<br>3 (75 Hour)   | AREA NAME AND NUMBER<br>General                             |        | AIRCRAFT SERIAL NO.   |              | TOTAL HOURS THIS AREA |         |
| AREA AND INSP REQ NO   | INSPECTION REQUIREMENTS                                     | STATUS | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS             | INITIAL |
| 47.  | ELECTRICAL CABLES AH-1 P/S Inspect.                         |        |                       |              |                       |         |
| 48.  | Perform system functional check (TM 9-1090-203/206 series). |        |                       |              |                       |         |
| 49.  | Deleted.  |        |                       |              |                       |         |
| 50.  | Deleted.  |        |                       |              |                       |         |
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| <b>"FOD REMINDER"</b><br>Check work area for tools and parts after completion of maintenance and inspection  |   |        |                       |              |                       |         |

**TM 55-1520-244-PM**

Signature Sheet (75 Hour Inspection)

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Signature of Person Accomplishing Necessary Work

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Signature of Maintenance Supervisor

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Signature of Technical Inspector

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Signature of Maintenance Officer

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**TM 55-1520-244-PM**

**SECTION V- 100 HOUR INSPECTION**



| <b>MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)</b><br>(For use of this form, see DA Pamphlet 738-751, the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG)) |   |                    |                       | TM           | DATE                  |         |
|---|---|--------------------|-----------------------|--------------|-----------------------|---------|
| INSPECTION NO<br>4 (100 HOUR)   | AREA NAME AND NUMBER<br>General   | AIRCRAFT SERIAL NO |                       |              | TOTAL HOURS THIS AREA |         |
| AREA AND INSP REQ NO  | INSPECTION REQUIREMENTS   | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS             | INITIAL |
| 1.  | Check DA PAM 25-30 to determine if new applicable MWOs have been published: Check that all URGENT MWOs have been applied to the equipment and that all NORMAL MWOs have been scheduled. |                    |                       |              |                       |         |
| 2.  | Check 2408-18 for inspections due.  |                    |                       |              |                       |         |
| 3.  | Check avionic control heads and panels for general condition, loose knobs, and proper operation of switches.  |                    |                       |              |                       |         |
| 4.  | Engine oil sample. Aircraft without ODDS.   |                    |                       |              |                       |         |
| 5.  | Transmission oil sample. Aircraft without ODDS.   |                    |                       |              |                       |         |
| 6.  | 42° gearbox oil sample.   |                    |                       |              |                       |         |
| 7.  | 90° gearbox oil sample.   |                    |                       |              |                       |         |
| <b>"FOD REMINDER"</b><br>Check work area for tools and parts after completion of maintenance and inspection   |   |                    |                       |              |                       |         |

**TM 55-1520-244-PM**

| <b>MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)</b><br>(For use of this form, see DA Pamphlet 738-751, the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG)) |   |                    |                       | TM           | DATE                  |         |
|---|---|--------------------|-----------------------|--------------|-----------------------|---------|
| INSPECTION NO<br>4 (100 HOUR)   | AREA NAME AND NUMBER<br>General                               | AIRCRAFT SERIAL NO |                       |              | TOTAL HOURS THIS AREA |         |
| AREA AND INSP REQ NO  | INSPECTION REQUIREMENTS                                       | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS             | INITIAL |
| 8.  | #1 hydraulic oil sample.                                      |                    |                       |              |                       |         |
| 9.  | #2 hydraulic oil sample.                                      |                    |                       |              |                       |         |
| 10.   | #3 hydraulic oil sample.                                      |                    |                       |              |                       |         |
| 11.   | Swashplate grease sample.                                     |                    |                       |              |                       |         |
| 12.   | Scissors and sleeve grease sample.                            |                    |                       |              |                       |         |
| 13.   | Inspect transmission chip detector.<br>Aircraft without ODDS. |                    |                       |              |                       |         |
| 14.   | Inspect 42° gearbox chip detector.                            |                    |                       |              |                       |         |
| 15.   | Inspect 90° gearbox chip detector.                            |                    |                       |              |                       |         |
| 16.   | Deleted   |                    |                       |              |                       |         |
| 17.   | Deleted   |                    |                       |              |                       |         |

**“FOD REMINDER”**  
Check work area for tools and parts after completion of maintenance and inspection

| <b>MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)</b><br>(For use of this form, see DA Pamphlet 738-751, the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG)) |  |                    |                       |              | TM                    | DATE    |
|---|--|--------------------|-----------------------|--------------|-----------------------|---------|
| INSPECTION NO<br>4 (100 HOUR)   | AREA NAME AND NUMBER<br>General                            | AIRCRAFT SERIAL NO |                       |              | TOTAL HOURS THIS AREA |         |
| AREA AND INSP REQ NO  | INSPECTION REQUIREMENTS                                    | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS             | INITIAL |
| 17.1  | Aircraft equipped with ODDS, inspect engine chip detector. |                    |                       |              |                       |         |
| 18.   | Inspect 42° gearbox filler cap vent.                       |                    |                       |              |                       |         |
| 19.   | Inspect 90° gearbox filler cap vent.                       |                    |                       |              |                       |         |
| 20.   | Inspect tail rotor and elevator control tubes and guides.  |                    |                       |              |                       |         |
| 21.   | Inspect K747 blade erosion guards.                         |                    |                       |              |                       |         |
| 22.   | Check washplate contact.                                   |                    |                       |              |                       |         |
| 23.   | Inspect scissors and sleeve.                               |                    |                       |              |                       |         |
| 23.1  | Inspect elastomeric pitch change rod end bearings.         |                    |                       |              |                       |         |
| 24.   | Inspect main rotor feather bearing.                        |                    |                       |              |                       |         |
| 24.1  | Lubricate aircraft.  |                    |                       |              |                       |         |
| <b>"FOD REMINDER"</b><br>Check work area for tools and parts after completion of maintenance and inspection   |  |                    |                       |              |                       |         |

**TM 55-1520-244-PM**

| <b>MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)</b><br>(For use of this form, see DA Pamphlet 738-751, the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG)) |  |                    |                       |              | TM                    | DATE    |
|---|--|--------------------|-----------------------|--------------|-----------------------|---------|
| INSPECTION NO<br>4 (100 HOUR)   | AREA NAME AND NUMBER<br>General                                    | AIRCRAFT SERIAL NO |                       |              | TOTAL HOURS THIS AREA |         |
| AREA AND INSP REQ NO  | INSPECTION REQUIREMENTS  | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS             | INITIAL |
| 24.2  | Lubricate collective levers and idler links.                       |                    |                       |              |                       |         |
| 24.3  | Lubricate tail rotor cross head.                                   |                    |                       |              |                       |         |
| 24.4  | Lubricate pitch change link universal joint.                       |                    |                       |              |                       |         |
| 24.5  | Lubricate drive links  |                    |                       |              |                       |         |
| 24.6  | Deleted  |                    |                       |              |                       |         |
| 24.7  | Check voltage regulator setting.                                   |                    |                       |              |                       |         |
| 24.8<br>C   | Retorque alternator V-band clamp.                                  |                    |                       |              |                       |         |
| 24.9  | Perform maintenance operational checks (MOC) IAW TM 1-1520-328-23. |                    |                       |              |                       |         |
| <b>"FOD REMINDER"</b><br>Check work area for tools and parts after completion of maintenance and inspection   |  |                    |                       |              |                       |         |

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br><small>(For use of this form, see DA Pamphlet 738-751, the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG))</small> |   |                    |                       | TM                    | DATE          |         |
|---|---|--------------------|-----------------------|-----------------------|---------------|---------|
| INSPECTION NO<br>4 (100 HOUR)   | AREA NAME AND NUMBER<br><br>General   | AIRCRAFT SERIAL NO |                       | TOTAL HOURS THIS AREA |               |         |
| AREA<br>AND INSP<br>REQ NO  | INSPECTION REQUIREMENTS   | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN          | MAN-<br>HOURS | INITIAL |
| 24.10<br>C  | AH-1F (After MWO 55-1520-236-50-23) Laser detectors SU-130 (Forward pylon, left and right sides) Inspect for dirty, scratched, cracked, broken, or fogged window. Inspect for loose or missing detector head assembly. (TM 11-1520-236-23). |                    |                       |                       |               |         |
|   |   |                    |                       |                       |               |         |
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| <p><b>“FOD REMINDER”</b><br/>                     Check work area for tools and parts after completion of maintenance and inspection</p>  |   |                    |                       |                       |               |         |

DA Form 4676-R, Dec 84

**TM 55-1520-244-PM**

| <b>MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)</b><br>(For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG) ) |  |                    |                       |              | TM                    | DATE    |
|--|--|--------------------|-----------------------|--------------|-----------------------|---------|
| INSPECTION NO<br>4 (100 Hour)  | AREA NAME AND NUMBER<br>Armament   | AIRCRAFT SERIAL NO |                       |              | TOTAL HOURS THIS AREA |         |
| AREA AND<br>INSP REQ<br>NO   | INSPECTION REQUIREMENTS  | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-<br>HOURS         | INITIAL |
| 25.  | Inspect and clean ail equipment. Remove rust or corrosion, spot paint as required. Inspect for missing, loose, cracked, distorted or broken parts. Ensure component casing are not punctured or cracked.   |                    |                       |              |                       |         |
|  |  |                    |                       |              |                       |         |
|  |  |                    |                       |              |                       |         |
|  |  |                    |                       |              |                       |         |
| 26.  | Ensure that visible wiring harness and intercabling is free from cuts and breaks and is properly connected to M65 units. (TM 9-1425-473-20)  |                    |                       |              |                       |         |
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| 27.  | TSU (without LAAT)<br>Ensure that optics are not cracked or broken. Ensure that eyeshield is not cracked or brittle. With window cover removed, ensure that if window has scratches, nicks or coating deterioration, it is not to the extent that it impairs view and field of vision. Ensure that small window cover is installed and that the four snap slides are safety wired. (TM 9-1 425-473-20) |                    |                       |              |                       |         |
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**“FOD REMINDER”**  
 Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| <b>MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)</b><br>(For use of this form, see DA Pamphlet 736-751; the proponent agency is Deputy Chief of Stall for Logistics (DCSLOG).) |  |                    |                       |              | TM        | DATE    |
|--|--|--------------------|-----------------------|--------------|-----------|---------|
| INSPECTION NO<br>4 (100 Hour)  | AREA NAME AND NUMBER<br>Armament   | AIRCRAFT SERIAL NO | TOTAL HOURS THIS AREA |              |           |         |
| AREA AND INSP REQ NO   | INSPECTION REQUIREMENTS  | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS | INITIAL |
| 28.  | TSU (with LAAT)<br>Ensure that eyeshield is not cracked or brittle. With laser window cover removed, ensure that if window has scratches, nicks, or coating deterioration, it is not to the extent that it impairs view and field of vision. Ensure that laser window cover is installed. Visually inspect LEU for physical damage. Ensure that connectors are secure as required. (TM 9-1 425-473-20) |                    |                       |              |           |         |
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| 29.  | SHC Ensure that switches are free from binding. Ensure that track control stick is free from abnormal looseness. Check mounting brackets for firm support. Ensure connector is securely attached. (Ensure ACQ/TRK/STOW switch is set to STOW.) (TM 9-1 425-473-20)   |                    |                       |              |           |         |
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| <p><b>"FOD REMINDER"</b><br/>Check work area for tools and parts after completion of maintenance and inspection</p>  |  |                    |                       |              |           |         |

**TM 55-1520-244-PM**

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Stall for Logistics (DCSLOG)) |  |                    |                       |              | TM        | DATE    |
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| INSPECTION NO<br>4 (100 Hour)  | AREA NAME AND NUMBER<br>Armament   | AIRCRAFT SERIAL NO | TOTAL HWRS THIS AREA  |              |           |         |
| AREA AND INSP REQ NO   | INSPECTION REQUIREMENTS  | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS | INITIAL |
| 30.  | AH-1E/P/S<br>PSI Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. Ensure connector is securely attached. Check mounting bracket for firm support. (TM 9-1425-473-20) |                    |                       |              |           |         |
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|  |  |                    |                       |              |           |         |
| 31.  | AH-1S<br>MSP Ensure that switch is free from binding. Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. (TM 9-1 425-473-20)   |                    |                       |              |           |         |
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| <b>“FOD REMINDER”</b><br>Check work area for tools and parts after completion of maintenance and inspection  |  |                    |                       |              |           |         |



**TM 55-1520-244-PM**

| <b>MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)</b><br>(For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG).) |  | TM                 | DATE                  |              |           |         |
|--|--|--------------------|-----------------------|--------------|-----------|---------|
| INSPECTION NO<br>4 (100 Hour)  | AREA NAME AND NUMBER<br>Armament   | AIRCRAFT SERIAL NO | TOTAL HOURS THIS AREA |              |           |         |
| AREA AND INSP REQ NO   | INSPECTION REQUIREMENTS  | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS | INITIAL |
| 32.  | TCP Ensure that controls and switches are free from binding. (MIS-SILE SELECT switch rotates only CW). Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. (MODE SELECT switch to be set to OFF). (TM 9-1 425-473-20) |                    |                       |              |           |         |
|  |  |                    |                       |              |           |         |
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|  |  |                    |                       |              |           |         |
| 33.  | EPS Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. Ensure that filter vent is free of foreign objects. Ensure connectors are securely attached. (TM 9-1425-473-20)   |                    |                       |              |           |         |
|  |  |                    |                       |              |           |         |
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**“FOD REMINDER”**  
 Check work area for tools and parts after completion of maintenance and inspection

TM 55-1520-244-PM

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Stall for Logistics (DCSLOG).) |  |                    |                       |              | TM                    | DATE    |
|---|--|--------------------|-----------------------|--------------|-----------------------|---------|
| INSPECTION NO<br>4 (100 Hour)   | AREA NAME AND NUMBER<br>Armament   | AIRCRAFT SERIAL NO |                       |              | TOTAL HOURS THIS AREA |         |
| AREA AND<br>INSP REQ<br>NO  | INSPECTION REQUIREMENTS  | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-<br>HOURS         | INITIAL |
| 34.   | SCA Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. Ensure that filter vents are free of foreign objects. Clean filter. Ensure connectors are securely attached. (TM 9-1425-473-20) |                    |                       |              |                       |         |
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| 35.   | MCA Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. Ensure connectors are securely attached. (TM 9-1425-473-20)   |                    |                       |              |                       |         |
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"FOD REMINDER"  
Check work area for tools and parts after completion of maintenance and inspection

DA Form 4676-R, Dec 84

**TM 55-1520-244-PM**

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG).) |   |                    |                       | TM                    | DATE          |         |
|---|---|--------------------|-----------------------|-----------------------|---------------|---------|
| INSPECTION NO<br>4 (100 Hour)   | AREA NAME AND NUMBER<br>Armament  | AIRCRAFT SERIAL NO |                       | TOTAL HOURS THIS AREA |               |         |
| AREA AND<br>INSP REQ<br>NO  | INSPECTION REQUIREMENTS   | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN          | MAN-<br>HOURS | INITIAL |
| 36.   | TML Visually inspect all TML components. Inspect debris director assemblies and forward tube assemblies for visual abnormality. Replace TML items that could impair performance. Ensure that TML harness receptacle and launcher harness connector pins are not bent or broken and phenolic isolators are intact. Ensure that TML harness receptacle, launcher harness connector, and umbilical connectors are free of corrosion; clean with isopropyl alcohol. Apply lubricant to lug assemblies. Apply lubricant to TML harness connector. (TM 9-1425-473-20) |                    |                       |                       |               |         |
| 37.   | EER Ensure that self locking swing bolts are free from binding. Ensure that guide pins are secure and not bent or broken. (TM 9-1425-473-20)  |                    |                       |                       |               |         |
| <p><b>"FOD REMINDER"</b><br/>Check work area for tools and parts after completion of maintenance and inspection</p>   |   |                    |                       |                       |               |         |

**TM 55-1520-244-PM**

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br><small>(For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG).)</small> |  |        |                       |              |                       | TM      | DATE |
|--|--|--------|-----------------------|--------------|-----------------------|---------|------|
| INSPECTION NO<br>4 (100 Hour)  | AREA NAME AND NUMBER<br>Armament   |        | AIRCRAFT SERIAL NO    |              | TOTAL HOURS THIS AREA |         |      |
| AREA AND INSP REQ NO   | INSPECTION REQUIREMENTS  | STATUS | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS             | INITIAL |      |
| 38.  | Electrical connectors: 20P8 and 20S8 AH-1E/F/P, P8 and S8 AH-1S. Ensure that connectors are free of contaminants or corrosion; clean with isopropyl alcohol. (TM 9-1425-473-20)  |        |                       |              |                       |         |      |
| 39.  | DELINKING FEEDER MAU-56/A<br>Inspect feeder for dented, cracked or loose parts. Cycle seven dummy rounds through feeder. Check that feeder delinks rounds, ejects links into link chute, and expels rounds using hand pressure applied to feeder gear. Inspect rounds for cuts or dents. If undue pressure is required or dummy rounds are found to be damaged repair the feeder. (TM 9-1090-203 Series) |        |                       |              |                       |         |      |
|  |  |        |                       |              |                       |         |      |
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| <p align="center"><b>“FOD REMINDER”</b><br/>Check work area for tools and parts after completion of maintenance and inspection</p>   |  |        |                       |              |                       |         |      |

DA Form 4876-R, Dec 84

**TM 55-1520-244-PM**

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br><small>(For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG).)</small> |  |                    |                       | TM           | DATE                  |         |
|--|--|--------------------|-----------------------|--------------|-----------------------|---------|
| INSPECTION NO<br>4 (100 Hour)  | AREA NAME AND NUMBER<br>Armament   | AIRCRAFT SERIAL NO |                       |              | TOTAL HOURS THIS AREA |         |
| AREA AND INSP REQ NO   | INSPECTION REQUIREMENTS  | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS             | INITIAL |
| 40.  | REFLEX SIGHT M73 AH-1E/P/S<br>Inspect reflex sight for damaged components. Check beamsplitter for freedom of movement. Inspect electrical cables for damage. (TM 9-1090-203/206).  |                    |                       |              |                       |         |
|  |  |                    |                       |              |                       |         |
|  |  |                    |                       |              |                       |         |
| 41.  | FLEXIBLE SHAFT ASSEMBLY (TURRET AREA) AH-1 P/S<br>Inspect shaft assembly for evidence of wear, binding, or twisting. Check shaft housing for cuts and possible separation at connectors. Clean and lubricate. (TM 9-1090-203 Series) |                    |                       |              |                       |         |
|  |  |                    |                       |              |                       |         |
|  |  |                    |                       |              |                       |         |
| 42.  | <b>AH-1F HUD (M76)</b><br>Set HUDS PWR switch to STBY. SP fan should run and be audible. (TM 9-1270-220-13&P)  |                    |                       |              |                       |         |
|  |  |                    |                       |              |                       |         |
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| <b>"FOD REMINDER"</b><br>Check work area for tools and parts after completion of maintenance and inspection  |  |                    |                       |              |                       |         |

DA Form 4676-R, Dec 84

**TM 55-1520-244-PM**

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG).) |  | TM                 | DATE                       |              |           |         |
|---|--|--------------------|----------------------------|--------------|-----------|---------|
| INSPECTION NO<br>4 (100 Hour)   | AREA NAME AND NUMBER<br>Armament   | AIRCRAFT SERIAL NO | TOTAL HOURS THIS AREA<br>I |              |           |         |
| AREA AND INSP REQ NO  | INSPECTION REQUIREMENTS  | STATUS             | FAULTS AND/OR REMARKS      | ACTION TAKEN | MAN-HOURS | INITIAL |
| 43.   | INTERVALOMETERS (FUSELAGE AND ENGINE AREA, LEFT AND RIGHT SIDES) (P/S)<br>Perform check for ground at all rocket launcher firing contacts using multimeter or rocket system tester. (TM 9-1055-460-13&P) |                    |                            |              |           |         |
|   |  |                    |                            |              |           |         |
|   |  |                    |                            |              |           |         |
| 44.   | RECOIL ADAPTER (E/F)<br>Perform recoil adapter preload check. (TM 9-1090-206 Series)   |                    |                            |              |           |         |
|   |  |                    |                            |              |           |         |
|   |  |                    |                            |              |           |         |
| 45.   | MACHINE GUN DRIVE ASSEMBLY, M134 (P/S)<br>Check gears for chipped or missing teeth and electrical cable for cuts or fraying. Clean and lubricate. (TM 9-1090-203 Series)                                 |                    |                            |              |           |         |
|   |  |                    |                            |              |           |         |
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| <b>"FOD REMINDER"</b><br>Check work area for tools and parts after completion of maintenance and inspection   |  |                    |                            |              |           |         |

**TM 55-1520-244-PM**

| <b>MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)</b><br>(For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Staff of Logistics (DCSLOG).) |   |                    |                       | TM           | DATE          |         |  |
|---|---|--------------------|-----------------------|--------------|---------------|---------|--|
| INSPECTION NO<br>4 (100 Hour)   | AREA NAME AND NUMBER<br>Armament  | AIRCRAFT SERIAL NO | TOTAL HOURS THIS AREA |              |               |         |  |
| AREA AND<br>INSP REQ<br>NO  | INSPECTION REQUIREMENTS   | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-<br>HOURS | INITIAL |  |
| 46.   | GRENADE LAUNCHER, M129 (P/S)<br>Inspect for cracked, dented, or loose parts. Using dummy ammo manually cycle the grenade launcher through one complete cycle. (A definite effort is required to cock and fire the launcher). Check to see that feed slide assembly moves freely. Clean and lubricate the launcher. (TM 9-1090-203 Series) |                    |                       |              |               |         |  |
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| 47.   | DYNAMIC BRAKE TRANSDUCER<br>AH-1 P/S<br>Test the dynamic brake transducer in accordance with TM 9-1090-203 Series.  |                    |                       |              |               |         |  |
|   |   |                    |                       |              |               |         |  |
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| 48.   | M89 FEEDER<br>Disassemble, clean, inspect, and lubricate. (TM 9-1090-206 Series)  |                    |                       |              |               |         |  |
|   |   |                    |                       |              |               |         |  |
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| <b>“FOD REMINDER”</b><br>Check work area for tools and parts after completion of maintenance and inspection   |   |                    |                       |              |               |         |  |

**TM 55-1520-244-PM**

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 738-761; the proponent agency is Deputy Chief of Stall for Logistics (DCSLOG).) |  |                    |                       |              | TM            | DATE    |
|---|--|--------------------|-----------------------|--------------|---------------|---------|
| INSPECTION NO<br>4 (100 Hour)   | AREA NAME AND NUMBER<br>Armament   | AIRCRAFT SERIAL NO | TOTAL HOURS THIS AREA |              |               |         |
| AREA AND<br>INSP REQ<br>No  | INSPECTION REQUIREMENTS  | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-<br>HOURS | INITIAL |
| 49.   | M197 CANNON E/F<br>Disassemble, clean, inspect, and lubricate the M197 Cannon. Manually cycle six linked rounds of dummy ammo through the M89 feeder to the Cannon (TM 9-1090-206 Series)  |                    |                       |              |               |         |
|   |  |                    |                       |              |               |         |
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|   |  |                    |                       |              |               |         |
| 50.   | ELEVATION DRIVE CLUTCH AH-1E/F<br>Release elevation drive motor brake and move barrel cluster up and down two or three times to make certain that elevation drive system is free to move. Perform clutch slip check. (TM 9-1090-206-20 Series) |                    |                       |              |               |         |
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**“FOD REMINDER”**  
Check work area for tools and parts after completion of maintenance and inspection



**TM 55-1520-244-PM**

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG).) |  |                     |                       | TM           | DATE                  |         |
|---|--|---------------------|-----------------------|--------------|-----------------------|---------|
| INSPECTION NO.<br>4 (100 Hour)  | AREA NAME AND NUMBER<br>Armament   | AIRCRAFT SERIAL NO. |                       |              | TOTAL HOURS THIS AREA |         |
| AREA AND INSP REQ NO  | INSPECTION REQUIREMENTS  | STATUS              | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS             | INITIAL |
| 51.   | RECOIL ADAPTER AH-1E/F<br>Clean and lubricate recoil adapter assembly. Check cover for cracks, tears, and deterioration, if defective replace. Clean and lubricate spindle. Check spindle and retainer for cracks, deformation, and damaged threads. Check for galling. Check housing for elongated mounting holes, cracks, and damaged threads, if defective replace recoil adapter. (TM 9-1090-206 Series) |                     |                       |              |                       |         |
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|   |  |                     |                       |              |                       |         |
|   |  |                     |                       |              |                       |         |
| 52.   | TURRET ASSEMBLY<br>Clean, inspect, lubricate assembly (TM 9-1090-203/206)  |                     |                       |              |                       |         |
|   |  |                     |                       |              |                       |         |
|   |  |                     |                       |              |                       |         |
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| 53.   | ROCKET LAUNCHERS<br>Inspect (TM 9-1090-203/206)  |                     |                       |              |                       |         |
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| <b>"FOD REMINDER"</b><br>Check work area for tools and parts after completion of maintenance and inspection   |  |                     |                       |              |                       |         |

**TM 55-1520-244-PM**

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 738-751, the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG)) |   |                    |                       | TM           | DATE                  |         |
|--|---|--------------------|-----------------------|--------------|-----------------------|---------|
| INSPECTION NO<br>1 (25 HOUR)   | AREA NAME AND NUMBER<br>Armament  | AIRCRAFT SERIAL NO |                       |              | TOTAL HOURS THIS AREA |         |
| AREA AND INSP REQ NO   | INSPECTION REQUIREMENTS   | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS             | INITIAL |
| 54.  | FLEXIBLE DRIVE SHAFT M129 AH-1P/S<br>Inspect, clean and lubricate<br>(TM 9-1090-203)      |                    |                       |              |                       |         |
| 55.  | AMMUNITION FEED SYSTEM AH-1 E/F<br>Inspect, clean, and lubricate<br>(TM 9-1090-203)       |                    |                       |              |                       |         |
| 56.  | GUN DRIVE ASSEMBLY AH-1 E/F<br>Inspect, clean, and lubricate<br>(TM 9-1090-203)           |                    |                       |              |                       |         |
| 57.  | GUN DRIVE ASSEMBLY, M129 AH-1 P/S<br>Inspect, clean, and lubricate<br>(TM 9-1090-203)     |                    |                       |              |                       |         |
| 56.  | FLEXIBLE DRIVE SHAFT, M1 29 AH-1 P/S<br>Inspect, clean, and lubricate<br>(TM 9-1090-203)  |                    |                       |              |                       |         |
| 59.  | ELECTRICAL CABLES (TURRET, AMMO COMPARTMENT, GENERAL) AH-1P/S<br>Inspect (TM 9-1090-203)  |                    |                       |              |                       |         |
| 59.1.  | MACHINE GUN, M134 (7.62) AH-1 P/S<br>Disassemble, clean, and lubricate<br>(TM 9-1090-203) |                    |                       |              |                       |         |
| 60.  | Quick check boresight.<br>(TM 9-1090-203 Series)  |                    |                       |              |                       |         |
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**“FOD REMINDER”**  
Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| <b>MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)</b>  |  |                           |                       | <b>TM</b>                   | <b>DATE</b> |         |  |
|---|--|---------------------------|-----------------------|-----------------------------|-------------|---------|--|
| (For use of this form, see DA Pamphlet 738-751, the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG)) |  |                           |                       |                             |             |         |  |
| <b>INSPECTION NO</b><br>4 (100 Hour)  | <b>AREA NAME AND NUMBER</b><br>Armament  | <b>AIRCRAFT SERIAL NO</b> | 1                     | <b>TOTM HOURS THIS AREA</b> |             |         |  |
| AREA AND INSP REQ NO  | INSPECTION REQUIREMENTS  | STATUS                    | FAULTS AND/OR REMARKS | ACTION TAKEN                | MAN-HOURS   | INITIAL |  |
| 61.   | <b>AIM-1/EXL AH-1F.<br/>Check boresight of AIM-1/EXL aiming light. (TM 9-1090-203)</b> |                           |                       |                             |             |         |  |
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| 62.   | <b>Perform system functional check, (TM 9-1 090-203)</b>                               |                           |                       |                             |             |         |  |
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| 63.   | <b>Perform maintenance operational checks. (MOC) IAW TM 1-1500-328-25</b>              |                           |                       |                             |             |         |  |
|   |  |                           |                       |                             |             |         |  |
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"FOD REMINDER"  
Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

Signature Sheet (100 Hour Inspection)

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Signature of Person Accomplishing Necessary Work

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Initial

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TI Stamp

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Signature of Person Accomplishing Necessary Work

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Signature of Maintenance Supervisor

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Signature of Technical Inspector

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Signature of Maintenance Officer

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**TM 55-1520-244-PM**

**SECTION VI- 125 HOUR INSPECTION**

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 738-751, the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG)) |  |                    |                       | TM           | DATE                  |         |
|--|--|--------------------|-----------------------|--------------|-----------------------|---------|
| INSPECTION NO<br>5 (125 HOUR)  | AREA NAME AND NUMBER<br>General                            | AIRCRAFT SERIAL NO |                       |              | TOTAL HOURS THIS AREA |         |
| AREA AND INSP REQ NO   | INSPECTION REQUIREMENTS                                    | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS             | INITIAL |
| 1.   | Engine oil sample. Aircraft without ODDS.                  |                    |                       |              |                       |         |
| 2.   | Transmission oil sample. Aircraft without ODDS.            |                    |                       |              |                       |         |
| 3.   | 42° gearbox oil sample.                                    |                    |                       |              |                       |         |
| 4.   | 90° gearbox oil sample.                                    |                    |                       |              |                       |         |
| 5.   | #1 hydraulic oil sample.                                   |                    |                       |              |                       |         |
| 6.   | #2 hydraulic oil sample.                                   |                    |                       |              |                       |         |
| 7.   | #3 hydraulic oil sample.                                   |                    |                       |              |                       |         |
| 8.   | Swashplate grease sample.                                  |                    |                       |              |                       |         |
| 9.   | Scissors and sleeve grease sample.                         |                    |                       |              |                       |         |
| 10.  | Inspect transmission chip detector. Aircraft without ODDS. |                    |                       |              |                       |         |
| <b>"FOD REMINDER"</b><br>Check work area for tools and parts after completion of maintenance and inspection  |  |                    |                       |              |                       |         |

**TM 55-1520-244-PM**

| <b>MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)</b><br>(For use of this form, see DA Pamphlet 738-751, the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG)) |   |                    |                       | TM           | DATE                  |         |
|---|---|--------------------|-----------------------|--------------|-----------------------|---------|
| INSPECTION NO<br>5 (125 HOUR)   | AREA NAME AND NUMBER<br>General                           | AIRCRAFT SERIAL NO |                       |              | TOTAL HOURS THIS AREA |         |
| AREA<br>AND INSP<br>REQ NO  | INSPECTION REQUIREMENTS                                   | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-<br>HOURS         | INITIAL |
| 11.   | Inspect 42° gearbox chip detector.                        |                    |                       |              |                       |         |
| 12.   | Inspect 90° gearbox chip detector.                        |                    |                       |              |                       |         |
| 13.   | Deleted   |                    |                       |              |                       |         |
| 14.   | Deleted   |                    |                       |              |                       |         |
| 15.   | Inspect 42° gearbox filler cap vent.                      |                    |                       |              |                       |         |
| 16.   | Inspect 90° gearbox filler cap vent.                      |                    |                       |              |                       |         |
| 17.   | Inspect tail rotor and elevator control tubes and guides. |                    |                       |              |                       |         |
| 18.   | Inspect K747 blade erosion guards.                        |                    |                       |              |                       |         |
| 19.   | Check swashplate contact.                                 |                    |                       |              |                       |         |
| 20.   | Inspect scissors and sleeve.                              |                    |                       |              |                       |         |
| <b>"FOD REMINDER"</b><br>Check work area for tools and parts after completion of maintenance and inspection   |   |                    |                       |              |                       |         |

**TM 55-1520-244-PM**

| <b>MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)</b><br>(For use of this form, see DA Pamphlet 738-751, the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG)) |   |                    |                       | TM           | DATE                  |         |
|---|---|--------------------|-----------------------|--------------|-----------------------|---------|
| INSPECTION NO<br>5 (125 HOUR)   | AREA NAME AND NUMBER<br>General   | AIRCRAFT SERIAL NO |                       |              | TOTAL HOURS THIS AREA |         |
| AREA AND INSP REQ NO  | INSPECTION REQUIREMENTS   | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS             | INITIAL |
| 20.1  | Inspect elastomeric pitch change rod end bearings.  |                    |                       |              |                       |         |
| 20.2  | Aircraft equipped with ODDS, inspect engine chip detector.  |                    |                       |              |                       |         |
| 21.   | Inspect main rotor feather bearing.   |                    |                       |              |                       |         |
| 22.   | Retorque alternator V-band clamp.   |                    |                       |              |                       |         |
| 22.1  | Perform maintenance operational checks (MOC) IAW TM 1-1500-328-23.  |                    |                       |              |                       |         |
| 22.2  | Check DA PAM 25-30 to determine if new applicable MWOs have been published: check that all URGENT MWOs have been applied to the equipment and that all NORMAL MWOs have been scheduled. |                    |                       |              |                       |         |
| 22.3  | Check 2408-18 for inspections due.  |                    |                       |              |                       |         |
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| <b>"FOD REMINDER"</b><br>Check work area for tools and parts after completion of maintenance and inspection   |   |                    |                       |              |                       |         |

DA Form 4676-R, Dec 84



TM 55-1520-244-PM

| <b>MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)</b>  |   |                           |                       | <b>TM</b>    | <b>DATE</b>                  |         |  |
|---|---|---------------------------|-----------------------|--------------|------------------------------|---------|--|
| (For use of this form, see DA Pamphlet 738-751, the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG)) |   |                           |                       |              |                              |         |  |
| <b>INSPECTION NO</b><br>5 (125 HOUR)  | <b>AREA NAME AND NUMBER</b><br>General  | <b>AIRCRAFT SERIAL NO</b> |                       |              | <b>TOTAL HOURS THIS AREA</b> |         |  |
| AREA AND INSP REQ NO  | INSPECTION REQUIREMENTS   | STATUS                    | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS                    | INITIAL |  |
| 22.4  | AH-1F (After MWO 55-1520-236-50-23) Laser detectors SU-130 (Forward pylon, left and right sides). Inspect for dirty, scratched, cracked broken or fogged window. Inspect for loose or missing detector head assembly. (TM 11-1520-236-23) |                           |                       |              |                              |         |  |
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| <b>"FOD REMINDER"</b><br>Check work area for tools and parts after completion of maintenance and inspection           |   |                           |                       |              |                              |         |  |

**TM 55-1520-244-PM**

| <b>MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)</b><br>(For use of this form, see DA Pamphlet 738-751, the proponent agency is Deputy Chief of Stall for Logistics (DCSLOG).) |  |                       | TM                    |              | DATE                  |         |  |
|--|--|-----------------------|-----------------------|--------------|-----------------------|---------|--|
| INSPECTION NO<br>5(125 Hour)   | AREA NAME AND NO.<br>Armament  | AIRCRAFT NAME AND NO. |                       |              | TOTAL HOURS THIS AREA |         |  |
| AREA AND INSP REQ NO   | INSPECTION   | STATUS                | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS             | INITIAL |  |
| 23.  | Inspect and clean all equipment. Remove rust or corrosion, spot paint as required. Inspect for missing, loose, cracked, distorted or broken parts. Ensure component casing are not punctured or cracked. |                       |                       |              |                       |         |  |
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| 24.  | Deleted.   |                       |                       |              |                       |         |  |
| 24.1   | Deleted.   |                       |                       |              |                       |         |  |
| 25.  | Ensure that visible wiring harness and inter-cabling is free from cuts and breaks and is properly connected to M65 units. (TM 9-1425-473-20)   |                       |                       |              |                       |         |  |
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| <b>"FOD REMINDER"</b><br>Check work area for tools end parts after completion of maintenance and inspection  |  |                       |                       |              |                       |         |  |

**TM 55-1520-244-PM**

| <b>MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)</b><br>(For use of this form, see DA Pamphlet 738-751, the proponent agency is Deputy Chief of Stall for Logistics (DCSLOG). ) |   |                    |                       | TM           | DATE      |         |
|---|---|--------------------|-----------------------|--------------|-----------|---------|
| INSPECTION NO<br>5 (125 Hour)   | AREA NAME AND NUMBER<br>Armament  | AIRCRAFT SERIAL NO | TOTAL HOURS THIS AREA |              |           |         |
| AREA AND INSP REQ NO  | INSPECTION REQUIREMENTS   | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS | INITIAL |
| 26.   | TSU (without LAAT)<br>Ensure that optics are not cracked or broken. Ensure that eyeshield is not cracked or brittle. With window cover removed, ensure that if window has scratches, nicks or coating deterioration, it is not to the extent that it impairs view and field of vision. Ensure that small window cover is installed and that the four snap slides are safety wired. (TM 9-1425-473-20) |                    |                       |              |           |         |
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| 27.   | TSU (with LAAT)<br>Ensure that eyeshield is not cracked or brittle. With laser window cover removed, ensure that if window has scratches, nicks or coating deterioration, it is not to the extent that it impairs view and field of vision. Ensure that laser window cover is installed. Visually inspect LEU for physical damage. Ensure that connectors are secure as required. (TM 9-1425-473-20)  |                    |                       |              |           |         |
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| <b>“FOD REMINDER”</b><br>Check work area for tools and parts after completion of maintenance and inspection   |   |                    |                       |              |           |         |

**TM 55-1520-244-PM**

| <b>MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)</b><br>(For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Stall for Logistics (DCSLOG).) |   |                    | TM                    | DATE         |           |         |
|--|---|--------------------|-----------------------|--------------|-----------|---------|
| INSPECTION NO<br>5 (125 Hour)  | AREA NAME AND NUMBER<br>Armament  | AIRCRAFT SERIAL NO | TOTAL HOURS THIS AREA |              |           |         |
| AREA AND No  | INSPECTION REQUIREMENTS   | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS | INITIAL |
| 28.  | SHC Ensure that switches are free from binding. Ensure that track control stick is free from abnormal looseness. Check mounting brackets for firm support. Ensure connector is securely attached. (Ensure ACQ/TRK/STOW switch is set to STOW.) (TM 9-1425-473-20) |                    |                       |              |           |         |
| 29.  | AH-1 E/P/S<br>PSI Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. Ensure connector is securely attached. Check mounting bracket for firm support. (TM 9-1425-473-20)                                       |                    |                       |              |           |         |
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| <p><b>"FOD REMINDER"</b><br/>                     Check work area for tools and parts after completion of maintenance and inspection</p>   |   |                    |                       |              |           |         |

## TM 55-1520-244-PM

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br><small>(For use of this form, see DA Pamphlet 738-751, the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG).)</small> |   | TM                 | DATE                  |              |           |         |
|--|---|--------------------|-----------------------|--------------|-----------|---------|
| INSPECTION NO<br>5 (125 Hour)  | AREA NAME AND NUMBER<br>Armament  | AIRCRAFT SERIAL NO | TOTAL HOURS THIS AREA |              |           |         |
| AREA AND INSP REQ NO   | INSPECTION REQUIREMENTS   | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS | INITIAL |
| 30.  | AH-1 E/P/S MSP/MSI Ensure that switch is free from binding. Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. (TM 9-1425-473-20)   |                    |                       |              |           |         |
| 31.  | TCP Ensure that controls and switches are free from binding. (MISSILE SELECT switch rotates only CW). Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. (MODE SELECT switch to be set to OFF). (TM 9-1 425-473-20) |                    |                       |              |           |         |
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| <p><b>“FOD REMINDER”</b><br/>Check work area for tools and parts after completion of maintenance and inspection</p>  |   |                    |                       |              |           |         |

**TM 55-1520-244-PM**

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Stall for Logistics (DCSLOG).) |  |                    |                       | TM                    | DATE          |         |  |
|---|--|--------------------|-----------------------|-----------------------|---------------|---------|--|
| INSPECTION NO<br>5 (125 Hour)   | AREA NAME AND NUMBER<br>Armament   | AIRCRAFT SERIAL NO |                       | TOTAL HOURS THIS AREA |               |         |  |
| AREA AND<br>INSP REO<br>NO  | INSPECTION REQUIREMENTS  | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN          | MAN-<br>HOURS | INITIAL |  |
| 32.   | EPS Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. Ensure that filter vent is free of foreign objects. Ensure connectors are securely attached. (TM 9-1425-473-20)                 |                    |                       |                       |               |         |  |
|   |  |                    |                       |                       |               |         |  |
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| 33.   | SCA Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. Ensure that filter vents are free of foreign objects. Clean filter. Ensure connectors are securely attached. (TM 9-1425-473-20) |                    |                       |                       |               |         |  |
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| 34.   | MCA Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. Ensure connectors are securely attached. (TM9-1425-473-20)  |                    |                       |                       |               |         |  |
|   |  |                    |                       |                       |               |         |  |
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| <p><b>“FOD REMINDER”</b><br/>Check work area for tools and parts after completion of maintenance and inspection</p>   |  |                    |                       |                       |               |         |  |

**TM 55-1520-244-PM**

| <b>MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)</b><br>(For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Stall for Logistics (DCSLOG).) |   |                    |                       |              | TM                    | DATE    |
|--|---|--------------------|-----------------------|--------------|-----------------------|---------|
| INSPECTION NO<br>5 (125 Hour)  | AREA NAME AND NUMBER<br>Armament  | AIRCRAFT SERIAL NO |                       |              | TOTAL HOURS THIS AREA |         |
| AREA AND<br>INSP REQ<br>NO   | INSPECTION REQUIREMENTS   | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-<br>HOURS         | INITIAL |
| 35.  | TML Visually inspect all TML components. Inspect debris director assemblies and forward tube assemblies for visual abnormality. Replace TML items that could impair performance. Ensure that TML harness receptacle and launcher harness connector pins are not bent or broken and phenolic isolators are intact. Ensure that TML harness receptacle, launcher harness connector, and umbilical connectors are free of corrosion; clean with isopropyl alcohol. Apply lubricant to lug assemblies. Apply lubricant to TML harness connector. (TM 9-1425-473-20) |                    |                       |              |                       |         |
| 36.  | EER Ensure that self locking swing bolts are free from binding. Ensure that guide pins are secure and not bent or broken. (TM 9-1425-473-20)  |                    |                       |              |                       |         |
| <b>"FOD REMINDER"</b><br>Check work area for tools and parts after completion of maintenance and inspection  |   |                    |                       |              |                       |         |

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| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br><small>(For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG).)</small> |  | TM                 | DATE                  |              |                       |         |
|--|--|--------------------|-----------------------|--------------|-----------------------|---------|
| INSPECTION NO<br>5 (125 Hour)  | AREA NAME AND NUMBER<br>Armament   | AIRCRAFT SERIAL NO |                       |              | TOTAL HOURS THIS AREA |         |
| AREA AND INSP REQ NO   | INSPECTION REQUIREMENTS  | STATUS             | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-HOURS             | INITIAL |
| 37.  | Electrical connectors: 20P8 and 20S8 AH-1 E/F/P, P8 and S8 AH-1S. Ensure that connectors are free of contaminants or corrosion; clean with isopropyl alcohol. (TM 9-1425-473-20)   |                    |                       |              |                       |         |
| 38.  | <b>AH-1 P/S</b><br>DELINKING FEEDER MAU-56/A<br>Inspect feeder for dented, cracked, or loose parts. Cycle seven dummy rounds through feeder. Check that feeder delinks rounds, ejects links into link chute, and expels rounds using hand pressure applied to feeder gear. Inspect rounds for cuts or dents. If undue pressure is required or dummy rounds are found to be damaged repair the feeder. (TM 9-1090-203 Series) |                    |                       |              |                       |         |
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**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

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**TM 55-1520-244-PM**

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)<br>(For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG).) |  |        |                       | TM           | DATE                  |         |
|---|--|--------|-----------------------|--------------|-----------------------|---------|
| INSPECTION NO<br>5 (125 Hour)   | AREA NAME AND NUMBER<br>Armament   |        | AIRCRAFT SERIAL NO    |              | TOTAL HOURS THIS AREA |         |
| AREA AND<br>INSP REQ<br>NO  | INSPECTION REQUIREMENTS  | STATUS | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN-<br>HOURS         | INITIAL |
| 39.   | REFLEX SIGHT M73<br>Inspect reflex sight for damaged compo-<br>nents. Check beamsplitter for freedom of<br>movement. Inspect electrical cables for<br>damage. (TM 9-1090-203/206 Series) |        |                       |              |                       |         |
| 40.   | Deleted  |        |                       |              |                       |         |
| 41.   | AH-1F HUD (M76)<br>Set HUDS PWR switch on STBY. SP fan<br>should run and be audible. (TM 9-1270-<br>220-23&P)  |        |                       |              |                       |         |
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**“FOD REMINDER”**

Check work area for tools and parts after completion of maintenance and inspection

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| <b>MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET)</b>   |   |                            | TM                           |                     | DATE                         |                |
|--|---|----------------------------|------------------------------|---------------------|------------------------------|----------------|
| (For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG).) |   |                            |                              |                     |                              |                |
| <b>INSPECTION NO.</b><br>5 (125 Hour)  | <b>AREA NAME AND NUMBER</b><br>Armament                                 | <b>AIRCRAFT SERIAL NO.</b> |                              |                     | <b>TOTAL HOURS THIS AREA</b> |                |
| <b>AREA AND INSP REQ NO</b>  | <b>INSPECTION REQUIREMENTS</b>  | <b>STATUS</b>              | <b>FAULTS AND/OR REMARKS</b> | <b>ACTION TAKEN</b> | <b>MAN-HOURS</b>             | <b>INITIAL</b> |
| 42.  | ELECTRICAL CABLES (TURRET, AMMO COMPARTMENT, GENERAL) AH-1 P/S Inspect. |                            |                              |                     |                              |                |
|  |   |                            |                              |                     |                              |                |
| 43.  | Perform system functional check (TM 9-1090-203/206 Series).             |                            |                              |                     |                              |                |
|  |   |                            |                              |                     |                              |                |
|  |   |                            |                              |                     |                              |                |
|  |   |                            |                              |                     |                              |                |
|  |   |                            |                              |                     |                              |                |
|  |   |                            |                              |                     |                              |                |
|  |   |                            |                              |                     |                              |                |
|  |   |                            |                              |                     |                              |                |
|  |   |                            |                              |                     |                              |                |
|  |   |                            |                              |                     |                              |                |
|  |   |                            |                              |                     |                              |                |
|  |   |                            |                              |                     |                              |                |
|  |   |                            |                              |                     |                              |                |
|  |   |                            |                              |                     |                              |                |
|  |   |                            |                              |                     |                              |                |
|  |   | <b>"FOD REMINDER"</b>      |                              |                     |                              |                |
| Check work area for tools and parts after completion of maintenance and inspection                                     |   |                            |                              |                     |                              |                |

**TM 55-1520-244-PM**

Signature Sheet (125 Hour Inspection)

|   |                  |                   |
|---|------------------|-------------------|
| _____<br>Signature of Person Accomplishing Necessary Work | _____<br>Initial | _____<br>TI Stamp |
| _____<br>Signature of Person Accomplishing Necessary Work | _____<br>Initial | _____<br>TI Stamp |
| _____<br>Signature of Person Accomplishing Necessary Work | _____<br>Initial | _____<br>TI Stamp |
| _____<br>Signature of Person Accomplishing Necessary Work | _____<br>Initial | _____<br>TI Stamp |
| _____<br>Signature of Person Accomplishing Necessary Work | _____<br>Initial | _____<br>TI Stamp |
| _____<br>Signature of Person Accomplishing Necessary Work | _____<br>Initial | _____<br>TI Stamp |
| _____<br>Signature of Person Accomplishing Necessary Work | _____<br>Initial | _____<br>TI Stamp |
| _____<br>Signature of Person Accomplishing Necessary Work | _____<br>Initial | _____<br>TI Stamp |
| _____<br>Signature of Person Accomplishing Necessary Work | _____<br>Initial | _____<br>TI Stamp |
| _____<br>Signature of Maintenance Supervisor              | _____<br>Initial | _____<br>TI Stamp |
| _____<br>Signature of Technical Inspector                 | _____<br>Initial | _____<br>TI Stamp |
| _____<br>Signature of Maintenance Officer                 | _____<br>Initial | _____<br>TI Stamp |

**SECTION VII - 150 HOUR INSPECTION**

**NOTE**

PRIOR TO START OF THE PHASED (150 HOUR) MAINTENANCE INSPECTION, IT IS RECOMMENDED THAT A PRE-INSPECTION MAINTENANCE TEST FLIGHT (MTF) BE CONDUCTED. ACCOMPLISHMENT OF THE MTF SHALL BE DETERMINED BY THE UNIT MAINTENANCE OFFICER. THE PRE-INSPECTION MTF SHOULD BE CONDUCTED BY A MAINTENANCE TEST PILOT FOLLOWING A REVIEW OF THE AIRCRAFT FORMS AND RECORDS AND A BRIEFING FROM THE REGULAR FLIGHT CREW OF THE AIRCRAFT. THE MTF IS RECOMMENDED TO ASSESS THE AIRCRAFT PERFORMANCE AND IDENTIFY DEFICIENCIES THAT SHOULD BE CORRECTED WHILE THE AIRCRAFT IS UNDERGOING PHASED INSPECTION.

| PHASE NO.          |   | Area Name and No.<br>General |                       | Aircraft Serial No. | Date    |
|--------------------|---|------------------------------|-----------------------|---------------------|---------|
| Inspect Phase No's | Inspection Requirements   | Status                       | Faults and/or Remarks | Action Taken        | Initial |
| ALL<br>C           | 1. Prior to inspection, check forms and records for recorded deficiencies (Table 1-2).  |                              |                       |                     |         |
| ALL                | 2. Fuel tanks shall be fully serviced prior to start of phase inspection. If maintenance is to be accomplished which requires defueling, this item may be deferred until after such maintenance is completed. |                              |                       |                     |         |
| ALL<br>C           | 3. Check for honeycomb panel voids on airframe prior to starting phase and submit Maintenance Manhour Expenditure Limits (MMEL) on voids exceeding TM limits IAW TB 43-0002-3.                                |                              |                       |                     |         |
| ALL<br>C           | 4. Engine oil sample. Aircraft without ODDS.  |                              |                       |                     |         |
| ALL<br>C           | 5. Transmission oil sample. Aircraft without ODDS.  |                              |                       |                     |         |
| ALL<br>C           | 6. 42° gearbox oil sample.  |                              |                       |                     |         |
| ALL<br>C           | 7. 90° gearbox oil sample.  |                              |                       |                     |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection.

TM 55-1520-244-PM

| PHASE NO.          |  | Area Name and No.<br>General |                       | Aircraft Serial No. | Date    |
|--------------------|--|------------------------------|-----------------------|---------------------|---------|
| Inspect Phase No's | Inspection Requirements  | Status                       | Faults and/or Remarks | Action Taken        | Initial |
| ALL<br>C           | 8. #1 hydraulic oil sample.  |                              |                       |                     |         |
| ALL<br>C           | 9. #2 hydraulic oil sample.  |                              |                       |                     |         |
| ALL<br>C           | 10. #3 hydraulic oil sample.   |                              |                       |                     |         |
| ALL<br>C           | 11. Swashplate grease sample.  |                              |                       |                     |         |
| ALL<br>C           | 12 Scissors and sleeve grease sample.                                |                              |                       |                     |         |
|                    | 13. Deleted  |                              |                       |                     |         |
|                    | 14. Deleted  |                              |                       |                     |         |
|                    | 15. Deleted  |                              |                       |                     |         |
|                    | 16. Deleted  |                              |                       |                     |         |
| ALL<br>C           | 17. Inspect internal transmission oil filter. Aircraft without ODDS. |                              |                       |                     |         |
| ALL<br>C           | 17.1 Aircraft equipped with ODDS, inspect engine chip detector.      |                              |                       |                     |         |
| ALL<br>C           | 17.2 Inspect transmission debris monitor. Aircraft with ODDS.        |                              |                       |                     |         |

**"FOD REMINDER"**

**Check work area for tools and parts after completion of maintenance and inspection.**

| PHASE NO.          |   | Area Name and No.<br>General |                       | Aircraft Serial No. | Date    |
|--------------------|---|------------------------------|-----------------------|---------------------|---------|
| Inspect Phase No's | Inspection Requirements                                       | Status                       | Faults and/or Remarks | Action Taken        | Initial |
| ALL                | 18. Inspect 42° gearbox filler cap vent.                      |                              |                       |                     |         |
| ALL                | 19. Inspect 90° gearbox filler cap vent.                      |                              |                       |                     |         |
| ALL                | 20. Inspect tail rotor and elevator control tubes and guides. |                              |                       |                     |         |
| ALL<br>C           | 21. Inspect K747 blade erosion guards.                        |                              |                       |                     |         |
| ALL<br>C           | 22. Check swashplate contact.                                 |                              |                       |                     |         |
| ALL                | 23. Inspect scissors and sleeve.                              |                              |                       |                     |         |
| ALL                | 23.1 Inspect elastomeric pitch change rod end bearings.       |                              |                       |                     |         |
| ALL                | 24. Wash aircraft.  |                              |                       |                     |         |
| ALL                | 25. Deleted   |                              |                       |                     |         |
| ALL                | 26. Deleted   |                              |                       |                     |         |
| ALL<br>C           | 27. Retorque alternator V-band clamps.                        |                              |                       |                     |         |
| ALL                | 28. Inspect IR suppressor.                                    |                              |                       |                     |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection.

| PHASE NO.          | Area Name and No.<br>GENERAL   | Aircraft Serial No. | Date                  |              |         |
|--------------------|--|---------------------|-----------------------|--------------|---------|
| Inspect Phase No's | Inspection Requirements  | Status              | Faults and/or Remarks | Action Taken | Initial |
| ALL                | 29. Inspect AAU-32/A Altimeter.  |                     |                       |              |         |
| ALL                | 30. Inspect M130 chaff System.   |                     |                       |              |         |
| ALL                | 31. Perform avionics inspections, check and test electrical equipment as required in applicable publications. Use supplementary sheets to record results of avionics inspection by avionics personnel. |                     |                       |              |         |
| ALL                | 32. Clean and inspect compressor. (TM 55-2840-229-23).   |                     |                       |              |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection



**TM 55-1520-244-PM**

| PHASE NO.          |   | Area Name and No. |                       | Aircraft Serial No. |  | Date    |  |
|--------------------|---|-------------------|-----------------------|---------------------|--|---------|--|
|                    |   | NOSE -1           |                       |                     |  |         |  |
| Inspect Phase No's | Inspection Requirements   | Status            | Faults and/or Remarks | Action Taken        |  | Initial |  |
| ALL                | 1. Telescopic sight unit. Check azimuth indicator for damage and security. Check TSU window for cleanliness and excessive scratches. (TM 9-1425-473-20) |                   |                       |                     |  |         |  |
| 1                  | 2. Nose exterior skin for cracks, punctures loose or missing rivets. Paint for chipped or peeling condition.  |                   |                       |                     |  |         |  |
| ALL                | 3. Antenna mounts for damage and security.<br><br>Access 27   |                   |                       |                     |  |         |  |
| 1,3                | 4. Tail rotor control bellcrank for damage, condition of bearings and security.<br><br>Access 27, 71  |                   |                       |                     |  |         |  |
| ALL                | 5. Heater (ECU) ducts for cracks, cuts, tears, condition and security.<br><br>Access 27   |                   |                       |                     |  |         |  |

**“FOD REMINDER”**  
Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| PHASE NO.          |   | Area Name and No.<br>NOSE-1 |                       | Aircraft Serial No. | Date    |
|--------------------|---|-----------------------------|-----------------------|---------------------|---------|
| Inspect Phase No's | Inspection Requirements   | Status                      | Faults and/or Remarks | Action Taken        | Initial |
| 1                  | 6. Nose structure for cracks and corrosion.<br><br>Access 1, 2  |                             |                       |                     |         |
|                    |   |                             |                       |                     |         |
|                    |   |                             |                       |                     |         |
| ALL                | 7. Check antenna cables, connectors and terminals for security, corrosion and general condition.  |                             |                       |                     |         |
|                    |   |                             |                       |                     |         |
|                    |   |                             |                       |                     |         |
| 2, 4               | 8. Check antennas or completeness, general condition, and cleanliness. (Dents are allowed if operable: cracks are not allowed.)   |                             |                       |                     |         |
|                    |   |                             |                       |                     |         |
|                    |   |                             |                       |                     |         |
| 2, 4               | 9. Radar Warning Dual Receiver R-1838( )/APR-39<br>Check for completeness, general condition, and cleanliness. (Dents are allowed if operable: cracks are not allowed.) |                             |                       |                     |         |
|                    |   |                             |                       |                     |         |
|                    |   |                             |                       |                     |         |
| ALL                | 10. Pilot and static lines for chafing, security, and base connections.   |                             |                       |                     |         |
|                    |   |                             |                       |                     |         |
|                    |   |                             |                       |                     |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| PHASE NO.          |  | Area Name and No.<br>TURRET AND AMMUNITION COMPARTMENT -2 |                       | Aircraft Serial No. |         | Date |  |
|--------------------|--|---|-----------------------|---------------------|---------|------|--|
| Inspect Phase No's | Inspection Requirements  | Status  | Faults and/or Remarks | Action Taken        | Initial |      |  |
| ALL                | 1. Turret fairing for cracks and security. All turret mounting hardware for corrosion and security. AIM-1/EXL aiming light for corrosion, security and cleanliness. (AH-1F) AIM-1/EXL aiming light front window for cleanliness, damage, scratches and cracks. |   |                       |                     |         |      |  |
| 1                  | 2. Ammunition compartment doors for cracks, dents and other damage. Door seals for bonding separation and tears.   |   |                       |                     |         |      |  |
| 1                  | 3. Door latch mechanism for wear and proper operation.   |   |                       |                     |         |      |  |
| ALL                | 4. Door support cables for broken strands and wear.<br><br>Access 24   |   |                       |                     |         |      |  |
| ALL                | 5. FLEXIBLE SHAFT ASSEMBLY (P/S)<br>Inspect shaft assembly for evidence of wear, binding, or twisting. Check shaft housing for cuts and possible separation at connectors. Clean and lubricate. (TM 9-1090-203 Series)<br><br>Access 24                        |   |                       |                     |         |      |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection.

TM 55-1520-244-PM

| PHASE NO.          |  | Area Name and No                      | Aircraft Serial No    |              | Date    |
|--------------------|--|---------------------------------------|-----------------------|--------------|---------|
|                    |  | TURRET AND AMMUNITION COMPARTMENT - 2 |                       |              |         |
| Inspect Phase No's | Inspection Requirements  | Status                                | Faults and/or Remarks | Action Taken | Initial |
| 1, 3               | 6. Ammo compartment structure for cracks, punctures and corrosion. Teflon runners for bonding separation and tears.<br><br>Access 24 |                                       |                       |              |         |
| ALL                | 7. Heater (ECU) ducts for cracks, cuts, tears, condition and security.<br><br>Access 30  |                                       |                       |              |         |
| 1                  | 8. Cyclic jackshaft for damage, corrosion and security.<br><br>Access 31   |                                       |                       |              |         |
| 1, 3<br>C          | 9. Flight control push-pull tubes for damage, binding, worn bearings, corrosion and security.<br><br>Access 30, 53                   |                                       |                       |              |         |
| 1, 3<br>C          | 10. Flight control bellcranks and supports for damage, condition of bearings and security.<br><br>Access 30, 53                      |                                       |                       |              |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection.

**TM 55-1520-244-PM**

| PHASE NO.          |  | Area Name and No.                     |                       | Aircraft Serial No. |         | Date |  |  |
|--------------------|--|---------------------------------------|-----------------------|---------------------|---------|------|--|--|
|                    |  | TURRET AND AMMUNITION COMPARTMENT - 2 |                       |                     |         |      |  |  |
| Inspect Phase No's | Inspection Requirements  | Status                                | Faults and/or Remarks | Action Taken        | Initial |      |  |  |
| 1                  | 11. Hydraulic lines and hoses for leakage, chafing, damage and security. (As Applicable).<br><br>Access 24, 30, 53 |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
| ALL<br>C           | 12. SCAS motion transducers for damage and security.<br><br>Access 53  |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
| ALL                | 13. Electrical wiring for chafing and loose or corroded connections.   |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
| ALL                | 13.1 SECU: Inspect for security, corrosion, and hardware. Access 53  |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
| ALL                | 14. Electrical relays for security.<br><br>Access 23   |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
| ALL                | 15. Pitot static drain for moisture.<br><br>Access 71  |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

| PHASE NO.          | Function and No.   | Serial No. | Date         |         |
|--------------------|--|------------|--------------|---------|
|                    | TURRET AND AMMUNITION COMPARTMENT  |            |              |         |
| Inspect Phase No's | Inspection Requirements  | Status     | Action Taken | Initial |
| ALL                | 16. Check wiring of landing/catch light for chafing, loose or corroded connections, and signs of heat damage (burnt insulation).   |            |              |         |
| ALL<br>C           | 17. ELEVATION DRIVE CLUTCH (AH-11/4)<br>Release elevation drive motor brake and move barrel cluster up and down two or three times to make certain that election drive system is free to move. Perform clutch slip check. (TM 9-1090-206 Series) |            |              |         |
| ALL<br>C           | 18. M89 Feeder: Disassemble, clean, and lubricate. Check general condition of assembly. Check aft round guide, forward and aft sprocket for GO/NO GO indication on gage. (TM 9-1090-206 Series)  |            |              |         |
| ALL                | 19. Inspect ARMT LRUs/components for security and corrosion.   |            |              |         |
| ALL                | 20. Machine gun drive assembly M134 (P/S): Check gears for chipped or missing teeth and electrical cable for cuts or fraying. Clean and lubricate. (TM 9-1090-203 Series)  |            |              |         |
| ALL                | 20.1 Machine Gun, M134 AH-1P/S: Disassemble, clean, lubricate (TM-1090-203).   |            |              |         |
|                    | 20.2. Deleted.   |            |              |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| PHASE NO.          |  | Area Name and No.                     |                       | Aircraft Serial No. |         | Date |  |  |
|--------------------|--|---------------------------------------|-----------------------|---------------------|---------|------|--|--|
|                    |  | TURRET AND AMMUNITION COMPARTMENT - 2 |                       |                     |         |      |  |  |
| Inspect Phase No's | Inspection Requirements  | Status                                | Faults and/or Remarks | Action Taken        | Initial |      |  |  |
| ALL                | AH-1P/S<br>21. MAU56/A delinker feeder: Inspect feeder for dented, cracked, or loose parts. Cycle seven dummy rounds through feeder. Check that feeder delinks rounds, ejects links into link chute, and expels rounds using hand pressure applied to feeder gear. Inspect rounds for cuts or dents. If undue pressure is required or dummy rounds are found to be damaged repair the feeder. (TM 9-1090-203 Series) |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
| ALL<br>C           | 22. Recoil Adapter AH-1E/F.<br>Perform recoil adapter preload check. (TM 9-1090-206 Series)  |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
| ALL                | 23. M129 Grenade launcher: (P/S) Inspect for cracked, dented, or loose parts, manually cycle the grenade launcher using the plug and link assemblies through one complete cycle of operation. Check to see that feed slide assembly moves freely, that a definite effort is required to turn the drum assembly to cock and fire the launcher. Clean and lubricate. (TM 9-1090-203 Series)                            |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
| ALL                | 23.1 Gun drive assembly, M129 AH-1P/S: Inspect, clean, and lubricate (TM 9-1090-203)   |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |
|                    |  |                                       |                       |                     |         |      |  |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| PHASE NO.          |  | Area Name and No.                     | Aircraft Serial No.   | Date         |         |
|--------------------|--|---------------------------------------|-----------------------|--------------|---------|
|                    |  | TURRET AND AMMUNITION COMPARTMENT - 2 |                       |              |         |
| Inspect Phase No's | Inspection Requirements  | Status                                | Faults and/or Remarks | Action Taken | Initial |
| ALL<br>C           | 24. DYNAMIC BRAKE TRANSDUCER AH-1P/S<br>Test the dynamic brake transducer in accordance with TM 9-1090-203 Series.   |                                       |                       |              |         |
| ALL<br>C           | 25. Turret Assembly AH-1E/F: Lubricate Assembly. (TM 9-0190-206 Series)  |                                       |                       |              |         |
| ALL                | AH-1P/S<br>26. M28A2/A3 Turret: Inspect components for dirt, excessive grease or oil, metal filings, solder waste, or other foreign matter. Inspect for broken or frayed wiring. Inspect aft weapons support for wear. Lubricate (TM 9-1090-203 Series)  |                                       |                       |              |         |
| ALL<br>C           | 27. RECOIL ADAPTER/SLIDER AH-1E/F: Clean and lubricate recoil adapter and slider assemblies. Check covers for cracks, tears, and deterioration. If defective, replace. Clean and lubricate spindles. Check spindles and retainers for cracks, deformation, and damaged threads. Check for galling. Check housings for elongated mount holes, cracks and damaged threads. If defective, replace recoil adapter/slider (TM 9-1090-206) |                                       |                       |              |         |
| ALL                | 28. AMMUNITION FEED SYSTEM AH-1E/F: Clean and lubricate (TM 9-1090-206).   |                                       |                       |              |         |
| ALL<br>C           | 29. M197 CANNON AH-1E/F: Disassemble, clean, inspect, and lubricate. Manually cycle six linked rounds of dummy ammo through the M89 feeder to the cannon. (TM 9-1090-206)  |                                       |                       |              |         |
| ALL                | 30. GUN DRIVE ASSEMBLY AH-1E/F: Clean and lubricate (TM 9-1090-206).   |                                       |                       |              |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection



| PHASE NO.          | Area Name and No.<br>CREW COMPARTMENT -3 (REAR)             | Aircraft Serial No. | Date                  |              |         |
|--------------------|---|---------------------|-----------------------|--------------|---------|
| Inspect Phase No's | Inspection Requirements                                     | Status              | Faults and/or Remarks | Action Taken | Initial |
| ALL                | 1. Canopy frame for cracks and damage.                      |                     |                       |              |         |
| ALL                | 2. Pilots door for proper alignment and damage.             |                     |                       |              |         |
| ALL                | 3. Pilots door latch for wear and proper operation.         |                     |                       |              |         |
| ALL                | 4. Pilots door hinge for wear, cracks and security.         |                     |                       |              |         |
| 1,3                | 5. Pilots door seal for bonding separation, cuts and tears. |                     |                       |              |         |

**“FOD REMINDER”**  
Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| PHASE NO.          |  | Area Name and No.<br>CREW COMPARTMENT - 3 (REAR) |                       | Aircraft Serial No. |  | Date    |  |
|--------------------|--|--|-----------------------|---------------------|--|---------|--|
| Inspect Phase No's | Inspection Requirements  | Status   | Faults and/or Remarks | Action Taken        |  | Initial |  |
| ALL                | 6. Pilots door strut for proper operation and security.  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
| ALL<br>C           | 7. Pilots canopy removal system, signal transmission lines (tubes) and linear explosives for breaks and condition. |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
| 1, 3               | 8. Pilots seat for damage and security.  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
| 1, 3               | 9. Pilots seat for positive movement and locking in all positions.   |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
| ALL                | 10. Pilots safety belts for cuts or fraying. Attachment fittings for corrosion and security.                       |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |

**"FOD REMINDER"**  
Check work area for tools and parts after completion of maintenance and inspection.

**TM 55-1520-244-PM**

| PHASE NO.          |  | Area Name and No.<br>CREW COMPARTMENT - 3 (REAR) |                       | Aircraft Serial No. |         | Date |  |
|--------------------|--|--|-----------------------|---------------------|---------|------|--|
| Inspect Phase No's | Inspection Requirements  | Status   | Faults and/or Remarks | Action Taken        | Initial |      |  |
| ALL                | 11. Pilots shoulder harness for cuts or fraying. Attachment fittings for corrosion and security. |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
| ALL                | 12. Pilots inertia reel for security, binding, positive locking, unlocking, and cracks.          |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
| ALL                | 13. Pilots armor plate for damage and security.  |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
| ALL                | 14. Inspect/test turbine gas temperature system.   |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
| ALL                | 15. Instrument panel glare shield for damage.  |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
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|                    |  |  |                       |                     |         |      |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| PHASE NO.          |  | Area Name and No.<br>CREW COMPARTMENT - 3 (REAR) |                       | Aircraft Serial No. |  | Date    |  |
|--------------------|--|--|-----------------------|---------------------|--|---------|--|
| Inspect Phase No's | Inspection Requirements  | Status   | Faults and/or Remarks | Action Taken        |  | Initial |  |
| ALL                | 16. Pitot and static lines for chafing, security and loose connections.                            |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
| 2                  | 17. Fuel quantity indicator system for correct calibration per applicable airframe manual.         |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
| ALL                | 18. Pilots canopy windows for cracks, scratches, crazing, and warping.                             |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
| 1, 3<br>C          | 19. Tail rotor control push-pull tubes for damage, binding, worn bearings, corrosion and security. |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
| 1, 3               | 20. Control boot for cuts, tears and security.   |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| PHASE NO.          |   | Area Name and No.<br>CREW COMPARTMENT -3 (REAR) | Aircraft Serial No.   | Data         |         |
|--------------------|---|---|-----------------------|--------------|---------|
| Inspect Phase No's | Inspection Requirements   | Status  | Faults and/or Remarks | Action Taken | Initial |
| ALL                | 21. Electrical wiring for chafing and loose or corroded connections.    |   |                       |              |         |
|                    |   |   |                       |              |         |
|                    |   |   |                       |              |         |
|                    |   |   |                       |              |         |
| ALL                | 22. Electrical relays for security.                                     |   |                       |              |         |
|                    |   |   |                       |              |         |
|                    |   |   |                       |              |         |
|                    |   |   |                       |              |         |
| ALL                | 23. Cockpit floor for damage and cleanliness.                           |   |                       |              |         |
|                    |   |   |                       |              |         |
|                    |   |   |                       |              |         |
|                    |   |   |                       |              |         |
| ALL                | 24. Cabin structure for cracks, corrosion, loose or missing rivets.     |   |                       |              |         |
|                    |   |   |                       |              |         |
|                    |   |   |                       |              |         |
|                    |   |   |                       |              |         |
| ALL                | 25. Heater (ECU) ducts for cracks, cuts, tears, condition and security. |   |                       |              |         |
|                    |   |   |                       |              |         |
|                    |   |   |                       |              |         |
|                    |   |   |                       |              |         |

**“FOD REMINDER”**  
Check work area for tools and parts after completion of maintenance and inspection

| PHASE No.          | Area Name and No.   | Aircraft Serial No. | Date                  |              |         |
|--------------------|---|---------------------|-----------------------|--------------|---------|
|                    | <b>CREW COMPARTMENT -3 (REAR)</b>   |                     |                       |              |         |
| Inspect Phase No's | Inspection Requirements   | Status              | Faults and/or Remarks | Action Taken | Initial |
| ALL                | 26. Check circuit breakers switches and knobs for security and proper operation   |                     |                       |              |         |
| ALL                | 27. Check frequency cards, decals, stencils, and other insignia for currency and legibility.  |                     |                       |              |         |
| 2, 4               | 28. SCAS Sensor Amplifier: Check for completeness, general condition, security and cleanliness. (Dents are allowed if operable. Cracks are not allowed)                                   |                     |                       |              |         |
| ALL                | 29. Check all instruments (indicators) for completeness, general condition, security and cleanliness. Ensure instrument lights operate properly.  |                     |                       |              |         |
| ALL                | 30. Check all control panels and heads for completeness, general condition, security and cleanliness. Ensure lights work properly.  |                     |                       |              |         |
| ALL<br>c           | 30.1 AH-1F HUD (M76): Set HUDS PWR switch to STBY. SP fan should run and be audible. (TM -1270-220-23&P)  |                     |                       |              |         |
| ALL                | 30.2 AH-1E/P/S MSP/MSI: Ensure that switch is free from binding. Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass (TM 9-1425-473-20) |                     |                       |              |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

TM 55-1520-244-PM

| PHASE NO.          |   | Area Name and No            | Aircraft Serial No    |              | Date    |
|--------------------|---|-----------------------------|-----------------------|--------------|---------|
|                    |   | CREW COMPARTMENT - 3 (REAR) |                       |              |         |
| Inspect Phase No's | Inspection Requirements   | Status                      | Faults and/or Remarks | Action Taken | Initial |
| 2, 4<br>C          | 31. SCAS 3 - Axis Rate Sensor (E/F):<br>Check for security, completeness, general condition, and cleanliness. (Dents are allowed if operable: Cracks are not allowed) (TM 11-1520-236-23 Series)    |                             |                       |              |         |
| 2, 4               | 32. SCAS Pylon Compensation Unit (P/S):<br>Check for security, completeness, general condition, and cleanliness. (Dents are allowed if operable: Cracks are not allowed) (TM 11-1520-236-23 Series) |                             |                       |              |         |
| 2, 4               | 33. VHF Homing Filter (F):<br>Check for security, completeness, general condition, and cleanliness. (Dents are allowed if operable: Cracks are not allowed) (TM 11-1520-236-23 Series)              |                             |                       |              |         |
| ALL                | 33.1. Cabin sound proofing for cuts, tears, and security.   |                             |                       |              |         |
| ALL                | 33.2. Pilots cyclic and collective friction adjustment  |                             |                       |              |         |
| ALL                | 33.3. RMS-DU: Perform applicable inspections (TM 9-1090-207-13&P)   |                             |                       |              |         |
| 2, 4               | 33.4. EIA: Inspect for security of mounting, corrosion, dents, and cracks. Inspect attached wiring for security, cuts, or other damage (TM 9-1270-212-14 & P)                                       |                             |                       |              |         |
| ALL                | 33.5. HSS: Visually inspect rails for proper operation, security, and cleanliness (TM 9-1270-212-14 & P)  |                             |                       |              |         |
| ALL                | 33.6. M73 Sight AH-IE/P/S: Inspect reflex sight for damaged components. Check beamsplitter for freedom of movement. Inspect electrical cables for damage (TM 9-1090-203/206 Series)                 |                             |                       |              |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| PHASE NO.          | Area Name and No.  | Aircraft Serial No. | Date                  |              |         |
|--------------------|--|---------------------|-----------------------|--------------|---------|
|                    | <b>CREW COMPARTMENT -3 (FRONT)</b>   |                     |                       |              |         |
| Inspect Phase No's | Inspection Requirements  | Status              | Faults and/or Remarks | Action Taken | Initial |
| ALL                | 33.7. AH-1E/P/S PSI: Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. Ensure connector is securely attached. Check mounting bracket for firm support. (TM 9-1425-473-20) |                     |                       |              |         |
|                    | 33.8. Deleted.   |                     |                       |              |         |
| ALL                | 34. Canopy frame for cracks and damage.  |                     |                       |              |         |
| ALL                | 35. Gunners door for proper alignment and damage.  |                     |                       |              |         |
| ALL                | 36. Gunners door latch for proper alignment and damage.  |                     |                       |              |         |
| ALL                | 37. Gunners door hinge for wear, cracks and security.  |                     |                       |              |         |
| ALL                | 38. Gunners door seal for bonding separation, cuts and tears.  |                     |                       |              |         |

**“FOD REMINDER”**

Check work area for tools and parts after completion of maintenance and inspection



**TM 55-1520-244-PM**

| PHASE NO.          | Area Name and No.  |        | Aircraft Serial No.   |              | Date    |
|--------------------|--|--------|-----------------------|--------------|---------|
|                    | CREW COMPARTMENT - 3 (FRONT)   |        |                       |              |         |
| Inspect Phase No's | Inspection Requirements  | Status | Faults and/or Remarks | Action Taken | Initial |
| ALL                | 39. Gunners door strut for proper operation and security.  |        |                       |              |         |
|                    |  |        |                       |              |         |
|                    |  |        |                       |              |         |
| ALL<br>C           | 40. Gunners canopy removal system, signal transmission lines (tubes) and linear explosives for breaks and condition. |        |                       |              |         |
|                    |  |        |                       |              |         |
|                    |  |        |                       |              |         |
| 1, 3               | 41. Gunners seat for damage and security.  |        |                       |              |         |
|                    |  |        |                       |              |         |
|                    |  |        |                       |              |         |
| ALL                | 42. Gunners arm rest for condition and security.   |        |                       |              |         |
|                    |  |        |                       |              |         |
|                    |  |        |                       |              |         |
| ALL                | 43. Gunners safety belts for cuts or fraying. Attachment fittings for corrosion and security.                        |        |                       |              |         |
|                    |  |        |                       |              |         |
|                    |  |        |                       |              |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection.

**TM 55-1520-244-PM**

| PHASE NO.          | Area Name and No.   | Aircraft Serial No. | Data                  |              |         |
|--------------------|---|---------------------|-----------------------|--------------|---------|
|                    | <b>CREW COMPARTMENT -3 (FRONT)</b>  |                     |                       |              |         |
| Inspect Phase No's | Inspection Requirements   | Status              | Faults and/or Remarks | Action Taken | Initial |
| ALL                | 44. Gunners shoulder harness for cuts or fraying. Attachment fittings for corrosion and security. |                     |                       |              |         |
|                    |   |                     |                       |              |         |
|                    |   |                     |                       |              |         |
|                    |   |                     |                       |              |         |
| ALL                | 45. Gunners inertia reel for security, binding, positive locking, unlocking and cracks.           |                     |                       |              |         |
|                    |   |                     |                       |              |         |
|                    |   |                     |                       |              |         |
|                    |   |                     |                       |              |         |
| ALL                | 46. Gunners armor plate for damage and security.  |                     |                       |              |         |
|                    |   |                     |                       |              |         |
|                    |   |                     |                       |              |         |
|                    |   |                     |                       |              |         |
| ALL                | 47. Instrument panel glare shield for damage.   |                     |                       |              |         |
|                    |   |                     |                       |              |         |
|                    |   |                     |                       |              |         |
|                    |   |                     |                       |              |         |
| ALL                | 48. Control boot for cuts, tears, and security.   |                     |                       |              |         |
|                    |   |                     |                       |              |         |
|                    |   |                     |                       |              |         |
|                    |   |                     |                       |              |         |

**"FOD REMINDER"**  
 Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| PHASE NO.          |   | Area Name and No.<br>CREW COMPARTMENT - 3 (FRONT) |                       | Aircraft Serial No. |  | Date    |  |
|--------------------|---|---|-----------------------|---------------------|--|---------|--|
| Inspect Phase No's | Inspection Requirements   | Status  | Faults and/or Remarks | Action Taken        |  | Initial |  |
| ALL                | 49. Electrical wiring for chafing and loose or corroded connections.    |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
| ALL                | 50. Electrical relays for security.                                     |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
| ALL                | 51. Cockpit for damage and cleanliness.                                 |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
| ALL                | 52. Cabin structure for cracks, corrosion, loose or missing rivets.     |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
| ALL                | 53. Heater (ECU) ducts for cracks, cuts, tears, condition and security. |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

TM 55-1520-244-PM

| PHASE NO.          |  | Area Name and No.<br>CREW COMPARTMENT - 3 (FRONT) |                       | Aircraft Serial No. |         | Date |  |
|--------------------|--|---|-----------------------|---------------------|---------|------|--|
| Inspect Phase No's | Inspection Requirements  | Status  | Faults and/or Remarks | Action Taken        | Initial |      |  |
| ALL                | 54. Gunners canopy windows for cracks, scratches, crazing, and warping.  |   |                       |                     |         |      |  |
| ALL                | 55. Deleted.   |   |                       |                     |         |      |  |
| ALL<br>C           | 56. Deleted.   |   |                       |                     |         |      |  |
| ALL<br>C           | 57. ADS (AH-1F): Check system for any signs of damage and condition of electrical connections. Check that swiveling probe rotates freely. (TM 9-1270-219-13&P) |   |                       |                     |         |      |  |

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Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| PHASE NO.          |  | Area Name and No.          | Aircraft Serial No.   | Date         |         |
|--------------------|--|----------------------------|-----------------------|--------------|---------|
|                    |  | CREW COMPARTMENT - (FRONT) |                       |              |         |
| Inspect Phase No's | Inspection Requirements  | Status                     | Faults and/or Remarks | Action Taken | Initial |
| ALL<br>C           | 58. HSS: Visually inspect rails for proper operation, security, and cleanliness. (TM 9-1270-212-14&P)  |                            |                       |              |         |
|                    |  |                            |                       |              |         |
|                    |  |                            |                       |              |         |
|                    |  |                            |                       |              |         |
| ALL<br>C           | 59. TSU (with LAAT)<br>Ensure that eyeshield is not cracked or brittle. With laser window cover removed, ensure that if window has scratches, nicks or coating deterioration, it is not to the extent that it impairs view and field of vision. Ensure that laser window cover is installed. Visually inspect LEU for physical damage. Ensure that connectors are secure as required. (TM 9-1425-473-20) |                            |                       |              |         |
|                    |  |                            |                       |              |         |
|                    |  |                            |                       |              |         |
|                    |  |                            |                       |              |         |
| ALL<br>C           | 60. SHC: Ensure that switches are free from binding. Ensure that track control stick is free from abnormal looseness. Check mounting brackets for firm support. Ensure contractor is securely attached. (Ensure ACQ/TRK/STOW switch is set to STOW.) (TM 9-1425-473-20)  |                            |                       |              |         |
|                    |  |                            |                       |              |         |
|                    |  |                            |                       |              |         |
|                    |  |                            |                       |              |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| PHASE NO.          |   | Area Name and No.<br>CREW COMPARTMENT - 3 (FRONT) |                       | Aircraft Serial No. |         | Date |  |
|--------------------|---|---|-----------------------|---------------------|---------|------|--|
| Inspect Phase No's | Inspection Requirements   | Status  | Faults and/or Remarks | Action Taken        | Initial |      |  |
| ALL                | 61. Deleted.  |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
| ALL                | 62. TSU (without LAAT): Ensure that optics are not cracked or broken. Ensure that eyeshield is not cracked or brittle. With window cover removed, ensure that if window has scratches, nicks or coating deterioration, it is not to the extent that it impairs view and field of vision. Ensure that small window cover is installed and that the four snap slides are safety wired. (TM 9-1425-473-20) |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
| ALL                | 63. Deleted.  |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |

**“FOD REMINDER”**

Check work area for tools and parts after completion of maintenance and inspection

| PHASE NO.          | Area Name and No.<br>CREW COMPARTMENT - 3 (FRONT)   |        | Aircraft Serial No.   | Date         |         |
|--------------------|---|--------|-----------------------|--------------|---------|
| Inspect Phase No's | Inspection Requirements   | Status | Faults and/or Remarks | Action Taken | Initial |
| ALL                | 64. TCP: Ensure that controls and switches are free from binding. (MISSILE SELECT switch rotates only CW). Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. (MODE SELECT switch to be set to OFF). (TM 9-1425-473-20) |        |                       |              |         |
|                    | 65. Deleted   |        |                       |              |         |
|                    | 66. Deleted   |        |                       |              |         |
|                    | 67. Deleted   |        |                       |              |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

| PHASE NO.          | Area Name and No.<br>CREW COMPARTMENT - 3 (FRONT)  |        | Aircraft Serial No.   |              | Date    |
|--------------------|--|--------|-----------------------|--------------|---------|
| Inspect Phase No's | Inspection Requirements  | Status | Faults and/or Remarks | Action Taken | Initial |
| ALL                | 68. Check circuit breakers, switches and knobs for security and proper operation.                                      |        |                       |              |         |
|                    |  |        |                       |              |         |
|                    |  |        |                       |              |         |
| ALL                | 69. Check frequency cards, decals, stencils, and other insignia for currency and legibility.                           |        |                       |              |         |
|                    |  |        |                       |              |         |
|                    |  |        |                       |              |         |
| ALL                | 70. Check instruments (indicators) for security, broken glass, and cleanliness. Check lights for proper operation.     |        |                       |              |         |
|                    |  |        |                       |              |         |
|                    |  |        |                       |              |         |
| ALL                | 71. Check control panels and heads for security, general condition and cleanliness. Check lights for proper operation. |        |                       |              |         |
|                    |  |        |                       |              |         |
|                    |  |        |                       |              |         |
| 2, 4               | 72. VHF FM Homing Filter (AH-1E/P/S): Check for completeness, general condition, and cleanliness.                      |        |                       |              |         |
|                    |  |        |                       |              |         |
|                    |  |        |                       |              |         |
| ALL<br>C           | 73. Inspect and test OAT/FAT Gauge in accordance with TM 1-1500-204-23.  |        |                       |              |         |
|                    |  |        |                       |              |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

7-28 Change 8



TM 55-1520-244-PM

| PHASE NO.          |   | Area Name and No.<br>FORWARD FUSELAGE - 4 (RIGHT SIDE) |                       | Aircraft Serial No. |  | Date    |  |
|--------------------|---|--|-----------------------|---------------------|--|---------|--|
| Inspect Phase No's | Inspection Requirements   | Status   | Faults and/or Remarks | Action Taken        |  | Initial |  |
| 1                  | 1. Exterior skin for cracks, punctures, loose or missing rivets. Paint and decals for chipped or peeling condition. |  |                       |                     |  |         |  |
| ALL                | 2. Side structural panels for punctures, cracks, corrosion and missing or stripped fasteners.<br><br>Access 3, 4, 5 |  |                       |                     |  |         |  |
| 1, 3<br>C          | 3. Flight control push-pull tubes for damage, binding, worn bearings, corrosion and security.<br><br>Access 3, 4, 5 |  |                       |                     |  |         |  |
| 1, 3<br>C          | 4. Cyclic control link for damage, binding, worn bearings, corrosion and security.<br><br>Access 3, 4, 5            |  |                       |                     |  |         |  |
| 1, 3<br>C          | 5. Flight control bellcranks and supports for damage. condition of bearings and security.<br><br>Access 3, 4, 5     |  |                       |                     |  |         |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection.

TM 55-1520-244-PM

| PHASE NO.          |   | Area Name and No.<br>FORWARD FUSELAGE - 4 (RIGHT SIDE) |                       | Aircraft Serial No. |  | Date    |  |
|--------------------|---|--|-----------------------|---------------------|--|---------|--|
| Inspect Phase No's | Inspection Requirements   | Status   | Faults and/or Remarks | Action Taken        |  | Initial |  |
| 1, 3               | 6. Electrical wiring for chafing and loose or corroded connections.<br><br>Access 3, 4, 5                             |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
| ALL                | 7. Heater (ECU) ducts for cracks, cuts, tears, condition and security.<br><br>Access 4, 5                             |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
| 1                  | 8. Forward fuselage structure for cracks, corrosion and damage. Steps for cracks and condition.<br><br>Access 3, 4, 5 |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
| ALL<br>C           | 9. ADS: Inspect arm and head for security, corrosion, and hardware (AH-1F only).                                      |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
| 2, 4<br>C          | 10. Audio Threshold: Check for completeness, security, general condition, and cleanliness.                            |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection.

TM 55-1520-244-PM

| PHASE NO.          | Area Name and No.  | Aircraft Serial No. | Date                  |              |         |
|--------------------|--|---------------------|-----------------------|--------------|---------|
|                    | FORWARD FUSELAGE 4 (RIGHT SIDE)  |                     |                       |              |         |
| Inspect Phase No's | Inspection Requirements  | Status              | Faults and/or Remarks | Action Taken | Initial |
| 2, 4               | 11. UHF Filter:<br>Check for completeness, security, general condition, and cleanliness.                                 |                     |                       |              |         |
| ALL C              | 12. TCA/ECA: Inspect for security, loose or broken connectors, and corrosion. (TM 9-1090-203/206 Series)<br><br>Access 3 |                     |                       |              |         |
|                    |  |                     |                       |              |         |
|                    |  |                     |                       |              |         |
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**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| PHASE NO.          |  | Area Name and No.<br><b>FORWARD FUSELAGE -4 (LEFT SIDE)</b> | Aircraft Serial No.   | Date |
|--------------------|--|---|-----------------------|------|
| Inspect Phase No's | Inspection Requirements  | Status  | Faults and/or Remarks |      |
| 1                  | 12. Exterior skin for cracks, punctures, and loose or missing rivets. Paint and decals for chipped or peeling condition. |   |                       |      |
| ALL                | 13. Side structural panels for punctures, cracks, corrosion and missing or stripped fasteners.<br><br>Access 3, 4, 5     |   |                       |      |
| 1, 3<br>C          | 14. Flight control push-pull tubes for damage binding, worn bearings, corrosion and security.<br><br>Access 3, 4, 5      |   |                       |      |
| 1,3<br>C           | 15. Flight control bellcranks and supports for damage, condition of bearings and security.<br><br>Access 3, 4, 5         |   |                       |      |
| ALL<br>C           | 16. Throttle control push-pull rods for damage, binding, worn bearings, corrosion and security.<br><br>Access 3, 4, 5    |   |                       |      |

**“FOD REMINDER”**

Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| PHASE NO.                 | Area Name and No.<br>FORWARD FUSELAGE - 4 (LEFT SIDE)   | Aircraft Serial No. | Date                         |                     |                |
|---------------------------|---|---------------------|------------------------------|---------------------|----------------|
| <b>Inspect Phase No's</b> | <b>Inspection Requirements</b>  | <b>Status</b>       | <b>Faults and/or Remarks</b> | <b>Action Taken</b> | <b>Initial</b> |
| ALL<br>C                  | 17. Throttle control bellcrank and supports for damage, condition of bearings and security.<br><br>Access 3, 4, 5 |                     |                              |                     |                |
| ALL<br>C                  | 18. Electrical relays for security. Visually inspect power transformer mount for cracks.<br><br>Access 3, 4, 5    |                     |                              |                     |                |
| ALL                       | 19. Electrical wiring for chafing and loose or corroded connections.<br><br>Access 3, 4, 5                        |                     |                              |                     |                |
| ALL                       | 20. Pitot and static lines for chafing, security and for loose connections.<br><br>Access 3, 4, 5                 |                     |                              |                     |                |
| ALL                       | 21. Heater (ECU) ducts for cracks, cuts, tears, condition and security.<br><br>Access 3, 4                        |                     |                              |                     |                |

**“FOD REMINDER”**

Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| PHASE NO.          |   | Area Name and No.<br>FORWARD FUSELAGE - 4 9LEFT SIDE) |                       | Aircraft Serial No. |  | Date    |  |
|--------------------|---|---|-----------------------|---------------------|--|---------|--|
| Inspect Phase No's | Inspection Requirements   | Status  | Faults and/or Remarks | Action Taken        |  | Initial |  |
| 1                  | 22. Forward fuselage structure for cracks, corrosion and damage. Steps for cracks and condition.<br><br>Access 3, 4, 5  |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
| 23. Deleted        |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
| 24. Deleted        |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
| 2, 4               | 25. FM Communication Filter:<br>Check for completeness, general condition, security, and cleanliness. (Dents are allowed if operable, Cracks are not allowed) |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| PHASE NO.          |  | Area Name and No,<br><b>FORWARD FUSELAGE - 4 (LEFT SIDE)</b> |                       | Aircraft Serial No. | Date    |
|--------------------|--|--|-----------------------|---------------------|---------|
| Inspect Phase No's | Inspection Requirements  | Status   | Faults and/or Remarks | Action Taken        | Initial |
| 2,4                | 26. VHF Filter:<br>Check for completeness, general condition, security, and cleanliness. (Dents are allowed if operable, Cracks are not allowed) |  |                       |                     |         |
|                    |  |  |                       |                     |         |
|                    |  |  |                       |                     |         |
|                    |  |  |                       |                     |         |
|                    | 27. Deleted.   |  |                       |                     |         |
|                    |  |  |                       |                     |         |
|                    |  |  |                       |                     |         |
|                    |  |  |                       |                     |         |
|                    |  |  |                       |                     |         |
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**“FOD REMINDER”**

Check work areas for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| PHASE NO.          |  | Area Name and No                     |                       | Aircraft Serial No |         | Date |  |
|--------------------|--|--------------------------------------|-----------------------|--------------------|---------|------|--|
|                    |  | LANDING GEAR AND BOTTOM FUSELAGE - 5 |                       |                    |         |      |  |
| Inspect Phase No's | Inspection Requirements  | Status                               | Faults and/or Remarks | Action Taken       | Initial |      |  |
| 1                  | 1. Exterior skin for cracks, punctures, or missing rivets. Paint and decals for chipped or peeling condition.                              |                                      |                       |                    |         |      |  |
|                    |  |                                      |                       |                    |         |      |  |
|                    |  |                                      |                       |                    |         |      |  |
|                    |  |                                      |                       |                    |         |      |  |
| ALL                | 2. Antennas and antenna mounts for damage, security and completeness.  |                                      |                       |                    |         |      |  |
|                    |  |                                      |                       |                    |         |      |  |
|                    |  |                                      |                       |                    |         |      |  |
|                    |  |                                      |                       |                    |         |      |  |
| ALL                | 3. Bottom structural panels for punctures, cracks, corrosion and missing or stripped fasteners.  |                                      |                       |                    |         |      |  |
|                    |  |                                      |                       |                    |         |      |  |
|                    |  |                                      |                       |                    |         |      |  |
|                    |  |                                      |                       |                    |         |      |  |
| 1                  | 4. Access covers/panels for punctures, cracks corrosion and missing or stripped fasteners.<br><br>Access 32, 33, 38, 43, 45, 50, 52        |                                      |                       |                    |         |      |  |
|                    |  |                                      |                       |                    |         |      |  |
|                    |  |                                      |                       |                    |         |      |  |
|                    |  |                                      |                       |                    |         |      |  |
| 1, 3               | 5. Flight control push-pull tubes for damage, binding, worn bearings, corrosion and security.<br><br>Access 32, 33, 38, 43, 45, 46, 50, 52 |                                      |                       |                    |         |      |  |
|                    |  |                                      |                       |                    |         |      |  |
|                    |  |                                      |                       |                    |         |      |  |
|                    |  |                                      |                       |                    |         |      |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection



**TM 55-1520-244-PM**

| PHASE NO.          |   | Area Name and No.                    | Aircraft Serial No.   |              | Date    |
|--------------------|---|--------------------------------------|-----------------------|--------------|---------|
|                    |   | LANDING GEAR AND BOTTOM FUSELAGE - 5 |                       |              |         |
| Inspect Phase No's | Inspection Requirements   | Status                               | Faults and/or Remarks | Action Taken | Initial |
| 1, 3<br>C          | 6. Flight control bellcranks and supports for damage, condition of bearing and security.<br><br>Access 32, 33, 38, 43, 45, 46, 50, 52       |                                      |                       |              |         |
|                    |   |                                      |                       |              |         |
|                    |   |                                      |                       |              |         |
|                    |   |                                      |                       |              |         |
|                    |   |                                      |                       |              |         |
| 1, 3<br>C          | 7. Tail rotor control levers and supports for damage, condition of bearings and security.<br><br>Access 32, 33, 38, 43, 45, 46, 50, 52      |                                      |                       |              |         |
|                    |   |                                      |                       |              |         |
|                    |   |                                      |                       |              |         |
|                    |   |                                      |                       |              |         |
|                    |   |                                      |                       |              |         |
| 1, 3<br>C          | 8. Elevator control walking beam for damage, condition of bearings and security.<br><br>Access 32, 43, 45, 46                               |                                      |                       |              |         |
|                    |   |                                      |                       |              |         |
|                    |   |                                      |                       |              |         |
|                    |   |                                      |                       |              |         |
|                    |   |                                      |                       |              |         |
| ALL<br>C           | 9. Throttle control push-pull rods for damage, binding, worn bearings, corrosion and security.<br><br>Access 32, 33, 38, 43, 45, 46, 50, 52 |                                      |                       |              |         |
|                    |   |                                      |                       |              |         |
|                    |   |                                      |                       |              |         |
|                    |   |                                      |                       |              |         |
|                    |   |                                      |                       |              |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| PHASE NO.          |   | Area Name and No.<br>LANDING GEAR AND BOTTOM FUSELAGE - 5 |                       | Aircraft Serial No. |  | Date    |  |
|--------------------|---|---|-----------------------|---------------------|--|---------|--|
| Inspect Phase No's | Inspection Requirements   | Status  | Faults and/or Remarks | Action Taken        |  | Initial |  |
| ALL<br>C           | 10. Throttle control bellcranks and supports for damage, condition of bearings and security.<br><br>Access 38, 43, 45, 46, 50 |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
| ALL<br>C           | 11. Throttle control idler and support for damage, condition of bearings and security.<br><br>Access 50                       |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
| ALL<br>C           | 12. SCAS actuators for damage, leakage and security.<br><br>Access 33, 38   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
| ALL<br>C           | 13. SCAS motion transducers for damage and security.<br><br>Access 38   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
| ALL                | 14. Electrical relays for security.<br><br>Access 32, 33, 38, 43, 45, 46, 50, 52  |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

TM 55-1520-244-PM

| PHASE NO.          |  | Area Name and No.<br>LANDING GEAR AND BOTTOM FUSELAGE -5 |                       | Aircraft Serial No. |         | Date |  |
|--------------------|--|--|-----------------------|---------------------|---------|------|--|
| Inspect Phase No's | Inspection Requirements  | Status   | Faults and/or Remarks | Action Taken        | Initial |      |  |
| ALL                | 15. Electrical wiring for chafing and loose or corroded connections.<br><br>Access 32, 33, 38, 43, 45, 46, 50, 52                                  |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
| 1                  | 16. Hydraulic lines and hoses for leakage, chafing, damage and security.<br><br>Access 32, 33, 38, 43,45,46, 50, 52                                |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
| 1                  | 17. Fuselage structure for cracks, corrosion, <b>loose or missing rivets.</b><br><br>Access 32, 33, 38, 43,45,46, 50, 52                           |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
| ALL                | 18. Cross tube support castings for damage, cracks and corrosion.<br><br>Access 45, 52   |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
| ALL                | 19. Cross tube attachment clamps for wear, cracks, corrosion and security. Rubber bumpers for wear, cracks and deterioration.<br><br>Access 45, 52 |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |

**"FOD REMINDER"**

Check work for tools and parts after completion of maintenance and inspection

TM 55-1520-244-PM

| PHASE NO.          |   | Area Name and No                     |                       | Aircraft Serial No |         | Date |  |
|--------------------|---|--------------------------------------|-----------------------|--------------------|---------|------|--|
|                    |   | LANDING GEAR AND BOTTOM FUSELAGE - 5 |                       |                    |         |      |  |
| Inspect Phase No's | Inspection Requirements   | Status                               | Faults and/or Remarks | Action Taken       | Initial |      |  |
| 1                  | 20. Cross tube for excessive spread by measurement (jack aircraft).<br><br>Access 45, 52  |                                      |                       |                    |         |      |  |
| ALL C              | 21. Cross tubes for cracks. Pay particular attention to the aft portion of the right forward cross tube in the area from the step to the saddle attachment.<br><br>Access 45, 52  |                                      |                       |                    |         |      |  |
| ALL                | 22. Cross tubes for cracks using ultrasonic shear wave inspection or dye penetrant inspection. Remove saddle bracket for dye penetrant inspection.<br><br><b>NOTE:</b> Perform on aircraft assigned to approved transition courses, or those aircraft specifically dedicated to pilot standardization training, and aircraft using locally manufactured heavy duty skid shoes or rails. Access 45, 52 |                                      |                       |                    |         |      |  |
| ALL                | 23. Cross tube fairings for cracks and loose or missing fasteners.<br><br>Access 45, 52   |                                      |                       |                    |         |      |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

TM 55-1520-244-PM

| PHASE NO.          |   | Area Name and No.<br>LANDING GEAR AND BOTTOM FUSELAGE - 5 |                       | Aircraft Serial No. |         | Date |  |
|--------------------|---|---|-----------------------|---------------------|---------|------|--|
| Inspect Phase No's | Inspection Requirements   | Status  | Faults and/or Remarks | Action Taken        | Initial |      |  |
| ALL<br>C           | 24. Landing skid tubes for cracks, distortion and wear.   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
| 1, 3               | 25. Landing skid shoes for excessive wear, cracks and security.   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
| ALL<br>C           | 26. Logic Relay Assembly AH-1F. Inspect for security, loose/broken connectors. (TM 9-1090-206-20-1)             |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
| 2, 4<br>C          | 27. Doppler Unit AH-1F:RT-1193( )/ASN-128 Check for completeness, security, general condition, and cleanliness. |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
| 2, 4<br>C          | 28. Armament Compensator Unit AH-1E/F. Check for completeness, security, general condition, and cleanliness.    |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
| ALL<br>C           | 29. Bleed air tubing connections for looseness and proper safety wire installation.                             |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

| PHASE NO.          | Area Name and No.<br><b>FORWARD FUEL CELL AND LOWER PYLON - 6<br/>(RIGHT SIDE)</b>                                  |        | Aircraft Serial No.   | Date         |         |
|--------------------|---|--------|-----------------------|--------------|---------|
| Inspect Phase No's | Inspection Requirements   | Status | Faults and/or Remarks | Action Taken | Initial |
| 1                  | 1. Exterior skin for cracks, punctures, loose or missing rivets. Paint and decals for chipped or peeling condition. |        |                       |              |         |
| ALL                | 2. Main fuel cap and adapter for cracks. Seals for cuts or evidence of leakage.                                     |        |                       |              |         |
| ALL                | 3. Side structural panels for punctures, cracks, corrosion and missing or stripped fasteners.                       |        |                       |              |         |
| ALL                | 4. Lower pylon access panels for punctures, cracks, corrosion and missing or stripped fasteners.                    |        |                       |              |         |
| 1, 3<br>C          | 5. Flight control push-pull tubes for damage, binding, worn bearings, corrosion and security.<br><br>Access 20      |        |                       |              |         |
| ALL                | 5.1. AH-P/S: inspect collective accumulator for pre-charge, condition, and security.                                |        |                       |              |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| PHASE NO.          | Area Name and No.   | Aircraft Serial No. | Date                  |              |         |
|--------------------|---|---------------------|-----------------------|--------------|---------|
| Inspect Phase No's | Inspection Requirements   | Status              | Faults and/or Remarks | Action Taken | Initial |
| ALL                | 6. Hydraulic lines and hoses for leakage, chafing, damage and security.<br><br>Access 20          |                     |                       |              |         |
| ALL                | 7. Hydraulic in-line filters for leakage and security.<br><br>Access 20                           |                     |                       |              |         |
| 1, 3<br>C          | 8. Emergency hydraulic reservoir for damage, evidence of leakage and security.<br><br>Access 20   |                     |                       |              |         |
| 1, 3<br>C          | 9. Electrical emergency hydraulic pump package for damage, leakage and security.<br><br>Access 20 |                     |                       |              |         |
| ALL                | 10. Electrical wiring for chafing and loose or corroded connections.<br><br>Access 20             |                     |                       |              |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| PHASE NO.          |  | Area Name and No.                                  |                       | Aircraft Serial No. |  | Date    |  |
|--------------------|--|--|-----------------------|---------------------|--|---------|--|
|                    |  | FORWARD FUEL CELL AND LOWER PYLON - 6 (RIGHT SIDE) |                       |                     |  |         |  |
| Inspect Phase No's | Inspection Requirements  | Status   | Faults and/or Remarks | Action Taken        |  | Initial |  |
| 1                  | 11. Fuselage structure for cracks, corrosion, loose or missing rivets.<br><br>Access 20  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
| 1                  | 12. Lower pylon structural tubes for cracks, corrosion and security.<br><br>Access 20  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
| ALL<br>C           | 13. Exposed portion of hydraulic piston rods wiped clean and lightly lubricated using a soft cloth moistened with preservative hydraulic fluid.<br><br>Access 20 |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
| ALL                | 14. INTERVALOMETERS: Perform check for ground at all rocket launcher firing contacts using multimeter or rocket system tester. (TM 9-1055-460-13&P)              |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
| ALL<br>C           | 15. IFCU: Inspect for security, loose or broken connectors, and corrosion. (TM 9-1090-203/206 Series)<br><br>Access 21   |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |

**“FOD REMINDER”**

Check work area for tools and parts after completion of maintenance and inspection



**TM 55-1520-244-PM**

| PHASE NO.          |  | Area Name and No.                               |                       | Aircraft Serial No. |         | Date |  |
|--------------------|--|---|-----------------------|---------------------|---------|------|--|
|                    |  | FORWARD FUEL CELL AND LOWER PYLON - (LEFT SIDE) |                       |                     |         |      |  |
| Inspect Phase No's | Inspection Requirements  | Status  | Faults and/or Remarks | Action Taken        | Initial |      |  |
| 1                  | 15. Exterior skin for cracks, punctures, loose or missing rivets. Paint and decals for chipped or peeling condition.   |   |                       |                     |         |      |  |
| ALL                | 16. Side structural panels for punctures, cracks, corrosion and missing or stripped fasteners.   |   |                       |                     |         |      |  |
| ALL                | 17. Lower pylon access panels for punctures, cracks, corrosion and missing or stripped fasteners.  |   |                       |                     |         |      |  |
| 1, 3<br>C          | 18. Flight control push-pull tubes for damage, binding, worn bearings, corrosion and security.<br><br>Access 20  |   |                       |                     |         |      |  |
| ALL                | 19. Hydraulic lines and hoses for leakage, chafing, damage and security. Check all drain line tee boss fittings and hydraulic lines for clogging.<br><br>Access 20 |   |                       |                     |         |      |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| PHASE NO.          |  | Area Name and No.                               |                       | Aircraft Serial No. |         | Date |  |
|--------------------|--|---|-----------------------|---------------------|---------|------|--|
|                    |  | FORWARD FUEL CELL AND LOWER PYLON - (LEFT SIDE) |                       |                     |         |      |  |
| Inspect Phase No's | Inspection Requirements  | Status  | Faults and/or Remarks | Action Taken        | Initial |      |  |
| ALL                | 20. Electrical wiring for chafing and loose or corroded connections.<br><br>Access 20  |   |                       |                     |         |      |  |
|                    |  |   |                       |                     |         |      |  |
|                    |  |   |                       |                     |         |      |  |
|                    |  |   |                       |                     |         |      |  |
| 1                  | 21. Fuselage structure for cracks, corrosion, loose or missing rivets.<br><br>Access 20  |   |                       |                     |         |      |  |
|                    |  |   |                       |                     |         |      |  |
|                    |  |   |                       |                     |         |      |  |
|                    |  |   |                       |                     |         |      |  |
| 1                  | 22. Lower pylon structural tubes for cracks, corrosion and security.<br><br>Access 20  |   |                       |                     |         |      |  |
|                    |  |   |                       |                     |         |      |  |
|                    |  |   |                       |                     |         |      |  |
|                    |  |   |                       |                     |         |      |  |
| ALL<br>C           | 23. Exposed portion of hydraulic piston rods wiped clean and lightly lubricated using a soft cloth moistened with preservative hydraulic fluid.<br><br>Access 20 |   |                       |                     |         |      |  |
|                    |  |   |                       |                     |         |      |  |
|                    |  |   |                       |                     |         |      |  |
|                    |  |   |                       |                     |         |      |  |
| ALL<br>C           | 24. Droop compensating control rod for damage, binding, worn bearings, corrosion, and security.<br><br>Access 20   |   |                       |                     |         |      |  |
|                    |  |   |                       |                     |         |      |  |
|                    |  |   |                       |                     |         |      |  |
|                    |  |   |                       |                     |         |      |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| PHASE NO.          |   | Area Name and No.                                  | Aircraft Serial No.   | Date         |         |
|--------------------|---|--|-----------------------|--------------|---------|
|                    |   | FORWARD FUEL CELL AND LOWER PYLON - 6 (LEFT SIDE ) |                       |              |         |
| Inspect Phase No's | Inspection Requirements   | Status   | Faults and/or Remarks | Action Taken | Initial |
| ALL                | 25. Fuel lines and hoses for leakage, chafing, and security.  |  |                       |              |         |
|                    | Access 20   |  |                       |              |         |
|                    |   |  |                       |              |         |
| 1, 3<br>C          | 26. Elevator control bellcranks and supports for damage, condition of bearings and security.  |  |                       |              |         |
|                    | Access 20   |  |                       |              |         |
|                    |   |  |                       |              |         |
| 1, 3<br>C          | 27. Lift beam structure for cracks, corrosion, loose or missing rivets.   |  |                       |              |         |
|                    | Access 20   |  |                       |              |         |
|                    |   |  |                       |              |         |
| ALL<br>C           | 28. Collective servo balance spring and bolt for wear and security.   |  |                       |              |         |
|                    | Access 20   |  |                       |              |         |
|                    |   |  |                       |              |         |
| ALL                | 29. INTERVALOMETERS: Preform check for ground at all rocket launcher firing contacts using multimeter or rocket system tester. (TM 9-1055-460-13&P) |  |                       |              |         |
|                    |   |  |                       |              |         |
|                    |   |  |                       |              |         |
| ALL                | 30. LCU: Inspect for security, loose, or broken connectors, and corrosion. Insure switch is set to 20MM.  |  |                       |              |         |
|                    | Access 21   |  |                       |              |         |
|                    |   |  |                       |              |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection



**TM 55-1520-244-PM**

| PHASE NO.                |  | Area Name and No.<br><b>WINGS -7 (RIGHT SIDE)</b> | Aircraft Serial No.   |              | Date    |
|--------------------------|--|---|-----------------------|--------------|---------|
| Inspect<br>Phase<br>No's | Inspection Requirements  | Status  | Faults and/or Remarks | Action Taken | Initial |
| 2, 4                     | 1. Wing exterior surfaces for cracks, punctures, loose or missing rivets. Paint and decals for chipped or peeling condition.   |   |                       |              |         |
|                          |  |   |                       |              |         |
|                          |  |   |                       |              |         |
| 2, 4                     | 2. Access panels for punctures, cracks, corrosion and missing or stripped fasteners.   |   |                       |              |         |
|                          |  |   |                       |              |         |
|                          |  |   |                       |              |         |
| 4                        | 3. Hydraulic lines and hoses for leakage, chafing, damage, and security.<br><br>Access 47, 48  |   |                       |              |         |
|                          |  |   |                       |              |         |
|                          |  |   |                       |              |         |
| ALL                      | 4. Electrical wiring for chafing and loose or corroded connections.<br><br>Access-Wing leading edge panels   |   |                       |              |         |
|                          |  |   |                       |              |         |
|                          |  |   |                       |              |         |
| 4                        | 5. Stores and ejector rack, disassemble to extent necessary to replace packings, and inspect.<br>Note The ejector rack explosive cartridges and associated hardware shall be removed and inspect-act at the beginning of <u>all phases</u> . |   |                       |              |         |
|                          |  |   |                       |              |         |
|                          |  |   |                       |              |         |

**“FOD REMINDER”**

Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| PHASE NO.          |   | Area Name and No.<br>WINGS - 7 (RIGHT SIDE) | Aircraft Serial No.   |              | Date    |
|--------------------|---|---|-----------------------|--------------|---------|
| Inspect Phase No's | Inspection Requirements   | Status                                      | Faults and/or Remarks | Action Taken | Initial |
| ALL                | 6. Armament rack fairings for cracks and missing or stripped fasteners.   |   |                       |              |         |
| ALL                | 6.1 RMSOU: Inspect for security, corrosion, and hardware.   |   |                       |              |         |
| ALL<br>C           | 7. TOW: Visually inspect all TML components. Inspect debris director assemblies and forward tube assemblies for visual abnormality. Replace TML items that could impair performance. Ensure that TML harness receptacle and launcher harness connector pins are not bent or broken and phenolic isolators are intact. Ensure that all components are free of corrosion. Apply lubricant to lug assemblies and TML harness connector. (TM 9-1425-473-20) |   |                       |              |         |
| ALL                | 8. HYDRA 70 (M158A1-200 Series)<br>Repaint chipped or peeled surfaces. Restore nameplate or markings to their original readability. (TM 9-1055-460-13&P)  |   |                       |              |         |
| ALL<br>C           | 9. HYDRA 70 (M 158A1-200 Series)<br>Check suspension for proper adjustment. (TM 9-1055-460-13&P)  |   |                       |              |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| PHASE NO.          |   | Area Name and No.<br>WINGS - 7 (RIGHT SIDE) | Aircraft Serial No.   | Date         |         |
|--------------------|---|---|-----------------------|--------------|---------|
| Inspect Phase No's | Inspection Requirements   | Status                                      | Faults and/or Remarks | Action Taken | Initial |
| ALL<br>C           | 10. HYDRA 70 (M158A1-200 Series)<br>Check continuity and isolation of individual tubes (TM 9-1055-460-13&P).  |   |                       |              |         |
|                    |   |   |                       |              |         |
|                    |   |   |                       |              |         |
|                    |   |   |                       |              |         |
| ALL<br>C           | 10.1 HYDRA 70 (M260-261 Series)<br>Check continuity and isolation of individual tubes and J1 and J2 connectors. (TM 9-1055-460-13&P).                   |   |                       |              |         |
|                    |   |   |                       |              |         |
|                    |   |   |                       |              |         |
|                    |   |   |                       |              |         |
| ALL<br>C           | 10.2 HYDRA 70 (M260-261 Series) apply coat of lubricant. (TM 9-1055-460-13&P).  |   |                       |              |         |
|                    |   |   |                       |              |         |
|                    |   |   |                       |              |         |
|                    |   |   |                       |              |         |
| ALL<br>C           | 10.3 Test wing stores jettison system with multimeter.  |   |                       |              |         |
|                    |   |   |                       |              |         |
|                    |   |   |                       |              |         |
|                    |   |   |                       |              |         |
| ALL<br>C           | 10.4 AH-1E/F/P. Ensure that electrical connectors 20P2 and 20J2 are free of contaminants or corrosion; clean with isopropyl alcohol. (TM 9-1425-473-20) |   |                       |              |         |
|                    |   |   |                       |              |         |
|                    |   |   |                       |              |         |
|                    |   |   |                       |              |         |
| ALL<br>C           | 10.5 AH-1S: Ensure that electrical connectors P322 and J322 are free of contaminants or corrosion; clean with isopropyl alcohol (TM 9-1425-473-20).     |   |                       |              |         |
|                    |   |   |                       |              |         |
|                    |   |   |                       |              |         |
|                    |   |   |                       |              |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| PHASE NO.          |   | Area Name and No.<br>WINGS -7 (RIGHT SIDE) |                       | Aircraft Serial No. |         | Date |  |
|--------------------|---|--|-----------------------|---------------------|---------|------|--|
| Inspect Phase No's | Inspection Requirements   | Status                                     | Faults and/or Remarks | Action Taken        | Initial |      |  |
| ALL<br>C           | 11. HYDRA 70 (M158A1)<br>Check that modification strap nuts are properly torqued. (TM 9-1055-460-13&P)  |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
| ALL<br>C           | 12. HYDRA 70 (M 158A1 )<br>Check that screws on detent plate are safety wired and there is no lengthwise movement of tubes. (TM 9-1055 -460-13&P) |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    | 13. Deleted.  |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    | 14. Deleted.  |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    | 15. Deleted.  |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |

**“FOD REMINDER”**

Check work area for tools and parts after completion of maintenance and inspection



| PHASE NO.          | Area Name and No.<br>WINGS -7 (LEFT SIDE)   | Aircraft Serial No,   | Date         |         |
|--------------------|---|-----------------------|--------------|---------|
| Inspect Phase No's | Inspection Requirements   | Faults and/or Remarks | Action Taken | Initial |
| 2, 4               | 16. Wing exterior surfaces for cracks, punctures, loose or missing rivets. Paint and decal for chipped or peeling condition.  |                       |              |         |
| 2, 4               | 17. Access panels for punctures, cracks, corrosion and missing or stripped fasteners.   |                       |              |         |
| 4                  | 18. Hydraulic lines and hoses for leakage, chafing, damage and security.<br><br>Access 35, 36   |                       |              |         |
| ALL                | 19. Electrical wiring for chafing and loose or corroded connections.<br><br>I Access-wing leading edge panels.  |                       |              |         |
| 4                  | 20. Stores and ejector racks, disassemble to extent necessary to replace packings, and inspect.<br>Note: The ejector rack explosive cartridges and associated hardware shall be removed and inspected at the beginning of <u>all phases</u> . |                       |              |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| PHASE NO.          |   | Area Name and No<br>WINGS - 7 (LEFT SIDE) |                       | Aircraft Serial No |  | Date    |  |
|--------------------|---|---|-----------------------|--------------------|--|---------|--|
| Inspect Phase No's | Inspection Requirements   | Status                                    | Faults and/or Remarks | Action Taken       |  | Initial |  |
| ALL                | 21. Armament rack fairings for cracks and missing or stripped fasteners.  |   |                       |                    |  |         |  |
| ALL<br>C           | 22. RMSOU: Inspect for security, corrosion, and hardware.   |   |                       |                    |  |         |  |
| ALL<br>C           | 23. TOW: Visually inspect all TML components. Inspect debris director assemblies and forward tube assemblies for visual abnormality. Replace TML items that could impair performance. Ensure that TML harness receptacle and launcher harness connector pins are not bent or broken and phenolic isolators are intact. Ensure that all components are free of corrosion. Apply lubricant to lug assemblies and TML harness connector. (TM 9-1425-473-20). |   |                       |                    |  |         |  |
| ALL                | 24. HYDRA 70 (M158A1-200 Series) Repaint chipped or peeled surfaces. Restore nameplate or markings to their original readability. (TM 9-1055-460-13&P)  |   |                       |                    |  |         |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| PHASE No.          |  | Area Name and No.<br><b>WINGS -7 (LEFT SIDE)</b> | Aircraft Serial No.   | Date         |         |
|--------------------|--|--|-----------------------|--------------|---------|
| Inspect Phase No's | Inspection Requirements  | Status   | Faults and/or Remarks | Action Taken | Initial |
| ALL<br>C           | 25. HYDRA 70 (M158A1-200 Series)<br>Check suspension lugs for proper adjustment.<br>(TM 9-1055-460-13&P)                                       |  |                       |              |         |
| ALL<br>C           | 26. HYDRA 70 (M158A1-200 Series)<br>Check continuity and isolation of individual tubes. (TM 9-1055-460-13&P)                                   |  |                       |              |         |
| ALL<br>C           | 27. HYDRA 70 (M158A1-200 Series)<br>Check that modification strap nuts are properly torqued. (TM 9-1055-460-13&P)                              |  |                       |              |         |
| ALL<br>C           | 28. HYDRA 70 (M158A1)<br>Check that screws on detent plate are safety wired and there is no lengthwise movement of tubes. (TM 9-1055-460-13&P) |  |                       |              |         |
| ALL<br>c           | 29. HYDRA 70(M260-261 Series)<br>Check continuity and isolation of individual tubes and J1 and J2 connectors. (TM 9-1055-460-13&P)             |  |                       |              |         |
| ALL<br>c           | 29.1 HYDRA 70(M260-261 Series)<br>Apply a coat of lubricant. (TM 9-1055-460-13&P)  |  |                       |              |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

TM 55-1520-244-PM

| PHASE NO.                |   | Area Name and Number<br>WINGS -7 (left Side) |                       | Aircraft Serial No. |         | Date |
|--------------------------|---|--|-----------------------|---------------------|---------|------|
| Inspect<br>Phase<br>No's | Inspection Requirements                                   | Status                                       | Faults and/or Remarks | Action Taken        | Initial |      |
| ALL<br>C                 | 30. Test wing stores jettison system with mul-<br>timeter |  |                       |                     |         |      |
|                          | 31. Deleted.  |  |                       |                     |         |      |
|                          | 32. Deleted.  |  |                       |                     |         |      |
|                          |   |  |                       |                     |         |      |
|                          |   |  |                       |                     |         |      |
|                          |   |  |                       |                     |         |      |
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|                          |   |  |                       |                     |         |      |
|                          |   |  |                       |                     |         |      |

**"FOD REMINDER"**  
Check work for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| PHASE NO.          |   | Area Name and No.<br>FORWARD PYLON - 8 (RIGHT SIDE) |                       | Aircraft Serial No. |  | Date    |  |
|--------------------|---|---|-----------------------|---------------------|--|---------|--|
| Inspect Phase No's | Inspection Requirements   | Status  | Faults and/or Remarks | Action Taken        |  | Initial |  |
| ALL                | 1. Pylon forward fairing for cracks and missing or stripped fasteners. Seals for cuts, tears and bonding separation.          |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
| ALL                | 2. Antenna mounts for damage and security.  |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
| 2, 4               | 3. Hydraulic compartment door for cracks, dents and security. Latches for cuts, tears and bonding separation.<br><br>Access 9 |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
| 2                  | 4. Hydraulic lines, reservoirs, modules and hoses for leakage, chafing, damage and security.<br><br>Access 9                  |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
| ALL                | 5. Heater (ECU) ducts for cracks, cuts, tears, condition and security.<br><br>Access 9  |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |

**“FOD REMINDER”**

Check work area for tools and parts after completion of maintenance and inspection

| PHASE NO.          | Area Name and No.<br>FORWARD PYLON - 8 (RIGHT SIDE)  |        | Aircraft Serial No.   |              | Date    |
|--------------------|--|--------|-----------------------|--------------|---------|
| Inspect Phase No's | Inspection Requirements  | Status | Faults and/or Remarks | Action Taken | Initial |
| ALL                | 6. Pylon structure, including forward pylon bulkhead for cracks, corrosion and loose or missing rivets.<br><br>Access 9, 12  |        |                       |              |         |
|                    |  |        |                       |              |         |
|                    |  |        |                       |              |         |
| ALL<br>C           | 6.1. Overhead discharge tube assembly for clogging, clean by removing accumulated residue from tee boss.<br><br>Access 20, TM 55-1520-236-23P, figure 93A, item 104. Access 20, TM 55-1520-234-23P, figure 120, item 12. |        |                       |              |         |
|                    |  |        |                       |              |         |
|                    |  |        |                       |              |         |
|                    |  |        |                       |              |         |
| ALL<br>C           | 6.2. Laser sensor fairing and housing for cracks and security.   |        |                       |              |         |
|                    |  |        |                       |              |         |
|                    |  |        |                       |              |         |
| ALL<br>C           | 6.3. Airborne laser tracker provisions for dirty, scratched, cracked, broken or fogged window, loose or missing detector head assembly. (TM 11-5841-301-12).   |        |                       |              |         |
|                    |  |        |                       |              |         |
|                    |  |        |                       |              |         |
|                    |  |        |                       |              |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

| PHASE NO.          |   | Area Name and No.<br>FORWARD PYLON - 8 (LEFT SIDE) |                       | Aircraft Serial No. |  | Date    |  |
|--------------------|---|--|-----------------------|---------------------|--|---------|--|
| Inspect Phase No's | Inspection Requirements   | Status   | Faults and/or Remarks | Action Taken        |  | Initial |  |
| ALL                | 7. Pylon forward fairing for cracks and missing or stripped fasteners. Seals for cuts, tears and bonding separation.                                      |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
| 2                  | 8. Ram air inlet for obstruction and cracks.  |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
| 2, 4               | 9. Hydraulic compartment door for cracks, dents and security. Latches for proper operation. Seals for cuts, tears and bonding separation.<br><br>Access 9 |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
| 2                  | 10. Hydraulic lines, reservoirs, modules and hoses for leakage, chafing, damage and security.<br><br>Access 9   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
| ALL<br>C           | 11. Lubricate ECU cooling turbine.<br><br>Access 9.   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

| PHASE NO.          | Area Name and No.<br>FORWARD PLYON - 8 (LEFT SIDE)  |        | Aircraft Serial No.   |              | Date    |
|--------------------|---|--------|-----------------------|--------------|---------|
| Inspect Phase No's | Inspection Requirements   | Status | Faults and/or Remarks | Action Taken | Initial |
| 2, 4               | 12. Environmental control unit for cracks, distortion, security and evidence of leakage.<br><br>Access 9  |        |                       |              |         |
|                    |   |        |                       |              |         |
|                    |   |        |                       |              |         |
| ALL                | 13. Pylon structure, including forward pylon bulkhead for cracks, corrosion and loose or missing rivets.<br><br>Access 9, 12                                |        |                       |              |         |
|                    |   |        |                       |              |         |
|                    |   |        |                       |              |         |
| ALL                | 14. Pitot line for chafing, security and loose connections.<br><br>Access 12  |        |                       |              |         |
|                    |   |        |                       |              |         |
|                    |   |        |                       |              |         |
| ALL<br>C           | 15. Laser sensor fairing and housing for cracks and security.   |        |                       |              |         |
|                    |   |        |                       |              |         |
|                    |   |        |                       |              |         |
| ALL<br>C           | 16. Airborne laser tracker provisions for dirty, scratched, cracked, broken, or fogged window, loose or missing detector head assembly. (TM 11-5841-301-12) |        |                       |              |         |
|                    |   |        |                       |              |         |
|                    |   |        |                       |              |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection



| PHASE NO.          |   | Area Name and No.<br>PYLON - 9 (RIGHT SIDE) |                       | Aircraft Serial No. |         | Date |  |
|--------------------|---|---|-----------------------|---------------------|---------|------|--|
| Inspect Phase No's | Inspection Requirements   | Status                                      | Faults and/or Remarks | Action Taken        | Initial |      |  |
| 3                  | 1. Pylon center fairing for cracks and missing or stripped fasteners. Seals for cuts, tears and bonding separation.   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
| ALL                | 2. Upper pylon access doors for cracks, dents and security. Latches for proper operation. Seals for cuts, tears and bonding separation.<br><br>Access 12          |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
| ALL                | 3. Transmission access doors for cracks, dents and proper alignment. Latches for proper operation. Seals for cuts, tears and bonding separation.<br><br>Access 11 |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
| ALL                | 4. Transmission access door hinges for wear, cracks, corrosion and proper adjustment.<br><br>Access 11  |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

TM 55-1520-244-PM

| PHASE NO.                 |  | Area Name and No.<br>PYLON - 9 (RIGHT SIDE) |                       | Aircraft Serial No. |         | Date |  |
|---------------------------|--|---|-----------------------|---------------------|---------|------|--|
| Inspect.<br>Phase<br>No's | Inspection Requirements  | Status                                      | Faults and/or Remarks | Action Taken        | Initial |      |  |
| ALL                       | 5. Pylon structure, including forward pylon bulkhead for cracks, corrosion and loose or missing rivets.<br><br>Access 11, 12 |   |                       |                     |         |      |  |
|                           |  |   |                       |                     |         |      |  |
|                           |  |   |                       |                     |         |      |  |
|                           |  |   |                       |                     |         |      |  |
| 1, 3                      | 6. Transmission driven hydraulic pump for leakage, cracks and security.<br><br>Access 11                                     |   |                       |                     |         |      |  |
|                           |  |   |                       |                     |         |      |  |
|                           |  |   |                       |                     |         |      |  |
|                           |  |   |                       |                     |         |      |  |
| ALL                       | 7. XMSN chip detector removed, inspected, cleaned. Perform functional check.<br><br>Access 11                                |   |                       |                     |         |      |  |
|                           |  |   |                       |                     |         |      |  |
|                           |  |   |                       |                     |         |      |  |
|                           |  |   |                       |                     |         |      |  |
| ALL                       | 8. Transmission oil lines and hoses for chafing, leakage, and security.<br><br>Access 11                                     |   |                       |                     |         |      |  |
|                           |  |   |                       |                     |         |      |  |
|                           |  |   |                       |                     |         |      |  |
|                           |  |   |                       |                     |         |      |  |
| ALL<br>C                  | 8.1 Replace external transmission oil filter. Aircraft without ODDS.<br><br>Access 11  |   |                       |                     |         |      |  |
|                           |  |   |                       |                     |         |      |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection.

| PHASE NO.           |  | Area Name and No.<br>PYLON - 9 (RIGHT SIDE) |                       | Aircraft Serial No. |  | Date    |  |
|---------------------|--|---|-----------------------|---------------------|--|---------|--|
| Inspect. Phase No's | Inspection Requirements  | Status                                      | Faults and/or Remarks | Action Taken        |  | Initial |  |
| ALL                 | 9. Electrical wiring for chafing and loose or corroded connections.<br><br>Access 11, 12   |   |                       |                     |  |         |  |
|                     |  |   |                       |                     |  |         |  |
|                     |  |   |                       |                     |  |         |  |
|                     |  |   |                       |                     |  |         |  |
| 1, 3                | 10. Pylon mounts for deterioration, security and evidence of bottoming out.<br><br>Access 11                                       |   |                       |                     |  |         |  |
|                     |  |   |                       |                     |  |         |  |
|                     |  |   |                       |                     |  |         |  |
|                     |  |   |                       |                     |  |         |  |
| 1, 3                | 11. Pylon mount boots for cuts, tears and security.<br><br>Access 11   |   |                       |                     |  |         |  |
|                     |  |   |                       |                     |  |         |  |
|                     |  |   |                       |                     |  |         |  |
|                     |  |   |                       |                     |  |         |  |
| 3                   | 12. Pylon dampers removed and checked for excess gaps between spring seat and shims under end of cylinder barrel.<br><br>Access 11 |   |                       |                     |  |         |  |
|                     |  |   |                       |                     |  |         |  |
|                     |  |   |                       |                     |  |         |  |
|                     |  |   |                       |                     |  |         |  |
|                     |  |   |                       |                     |  |         |  |
|                     |  |   |                       |                     |  |         |  |
|                     |  |   |                       |                     |  |         |  |
|                     |  |   |                       |                     |  |         |  |

**"FOD REMINDER"**

**Check work area for tools and parts after completion of maintenance and inspection.**

**TM 55-1520-244-PM**

| PHASE NO.          |   | Area Name and No.<br>PYLON - 9 (RIGHT SIDE) |                       | Aircraft Serial No. |         | Date |  |
|--------------------|---|---|-----------------------|---------------------|---------|------|--|
| Inspect Phase No's | Inspection Requirements   | Status                                      | Faults and/or Remarks | Action Taken        | Initial |      |  |
| ALL<br>C           | 13. Pylon damper assembly for leakage and security.<br><br>Access 11  |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
| ALL<br>C           | 14. Pylon damper lower mount bracket for security and loose rivets.<br><br>Access 11  |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
| 3                  | 15. Hydraulic cylinder supports for cracks, corrosion and security.<br><br>Access 11  |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
| ALL<br>C           | 16. Hydraulic cylinder for damage, leakage and corrosion, retainer nut, bearing housing nut and servo valve lock nuts for proper safety wiring. |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
| 3<br>C             | 17. Replace hydraulic cylinder mount nuts (4). Repaint slippage marks.<br><br>Access 11   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

TM 55-1520-244-PM

| PHASE NO.          |   | Area Name and No.<br>PYLON - 9 (RIGHT SIDE) |                       | Aircraft Serial No. |  | Date    |  |
|--------------------|---|---|-----------------------|---------------------|--|---------|--|
| Inspect Phase No's | Inspection Requirements   | Status                                      | Faults and/or Remarks | Action Taken        |  | Initial |  |
| ALL<br>C           | 18. Hydraulic cylinder lower bearing retaining nut for security by checking cylinder barrel for vertical movement.<br><br>Access 11 |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
| 1,3                | 19. Hydraulic cylinder uniball bearing (upper bearing) for specified breakaway force.<br><br>Access 11                              |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
| 1,3<br>C           | 20. Flight control pushpull tubes for damage, binding, worn bearings, corrosion and security.<br><br>Access 11                      |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
| ALL                | 21. Fuel lines and hoses for leakage, chafing and security.   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
| ALL                | 22. Air induction baffle for cracks, distortion and loose or missing fasteners.<br><br>Access 11                                    |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection.

| PHASE NO. _____    |  | Area Name and No.<br>PYLON-9 (RIGHT SIDE) | Aircraft Serial No.   | Date         |         |
|--------------------|--|---|-----------------------|--------------|---------|
| Inspect Phase No's | Inspection Requirements  | Status                                    | Faults and/or Remarks | Action Taken | Initial |
| ALL<br>C           | 23. Disassemble particle separator and inspect for clogging or accumulations of dirt, oil, salt and varnish deposits. Seals and gaskets for bonding separation.<br>Access 11 |   |                       |              |         |
|                    |  |   |                       |              |         |
|                    |  |   |                       |              |         |
|                    |  |   |                       |              |         |
| 1, 3<br>C          | 24. Compressor rotor blades and inlet guide vanes for erosion and evidence of foreign object damage.<br>Access 11  |   |                       |              |         |
|                    |  |   |                       |              |         |
|                    |  |   |                       |              |         |
|                    |  |   |                       |              |         |
| ALL<br>C           | 25. Air cleaner cover removed, inspected, cleaned, and reinstalled.<br>Access 11   |   |                       |              |         |
|                    |  |   |                       |              |         |
|                    |  |   |                       |              |         |
|                    |  |   |                       |              |         |
| ALL<br>C           | 26. Overboard discharge tube assembly cleaned by removing accumulated residue. Flexible hose for wear.<br>Access 11  |   |                       |              |         |
|                    |  |   |                       |              |         |
|                    |  |   |                       |              |         |
|                    |  |   |                       |              |         |
| ALL<br>C           | 26.1. Centrisep Particle Separator, clean and inspect.<br>Access 11  |   |                       |              |         |
|                    |  |   |                       |              |         |
|                    |  |   |                       |              |         |
|                    |  |   |                       |              |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection.

| PHASE NO.          |  | Area Name and No.<br>PYLON - 9 (LEFT SIDE) |                       | Aircraft Serial No. |         | Date |  |
|--------------------|--|--|-----------------------|---------------------|---------|------|--|
| Inspect Phase No's | Inspection Requirements  | Status                                     | Faults and/or Remarks | Action Taken        | Initial |      |  |
| 3                  | 27. Pylon center fairing for cracks and missing or stripped fasteners. Seals for cuts, tears and bonding separation.<br><br>Access 11                              |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
| ALL                | 28. Upper pylon access doors for cracks, dents and security. Latches for proper operation. Seals for cuts, tears and bonding separation.<br><br>Access 12          |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
| ALL                | 29. Transmission access doors for cracks, dents and proper alignment. Latches for proper operation. Seals for cuts, tears and bonding separation.<br><br>Access 11 |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
| ALL                | 30. Transmission access door hinges for wear, cracks, corrosion and proper adjustment.<br><br>Access 11  |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |
|                    |  |  |                       |                     |         |      |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

TM 55-1520-244-PM

| PHASE NO.          |   | Area Name and No.<br>PYLON - 9 (LEFT SIDE) |                       | Aircraft Serial No. |         | Date |  |
|--------------------|---|--|-----------------------|---------------------|---------|------|--|
| Inspect Phase No's | Inspection Requirements   | Status                                     | Faults and/or Remarks | Action Taken        | Initial |      |  |
| ALL                | 31. Pylon structure, including forward pylon bulkhead for cracks, corrosion and loose or missing rivets.<br><br>Access 11, 12         |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
| ALL<br>C           | 32. Main drive shaft boots and seals for cuts, tears and evidence of leakage.<br><br>Access 11  |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
| 1, 3<br>C          | 33. Tail rotor drive coupling (at transmission) for grease leakage.<br><br>Access 11  |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
| 1, 3               | 34. Tail rotor drive shaft clamp sets for proper alignment and security.<br><br>Access 11   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
| ALL<br>C           | 35. Lift link lugs (on transmission) for cracks with particular attention to right lift link lug in area of bushing.<br><br>Access 11 |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection.



**TM 55-1520-244-PM**

| PHASE NO.          |  | Area Name and No<br>PYLON-9 (LEFT SIDE) |                       | Aircraft Serial No. | Date    |
|--------------------|--|---|-----------------------|---------------------|---------|
| Inspect Phase No's | Inspection Requirements  | Status                                  | Faults and/or Remarks | Action Taken        | Initial |
| 1,3                | 36. Lift link for nicks, cracks, worn bearings and security.<br><br>Access 11                |   |                       |                     |         |
|                    |  |   |                       |                     |         |
|                    |  |   |                       |                     |         |
|                    |  |   |                       |                     |         |
| ALL                | 37. Transmission oil lines and hoses for chafing, leakage and security.<br><br>Access 11     |   |                       |                     |         |
|                    |  |   |                       |                     |         |
|                    |  |   |                       |                     |         |
|                    |  |   |                       |                     |         |
| ALL                | 38. Electrical wiring for chafing and loose or corroded connections.<br><br>Access 11, 12    |   |                       |                     |         |
|                    |  |   |                       |                     |         |
|                    |  |   |                       |                     |         |
|                    |  |   |                       |                     |         |
| 1,3                | 39. Pylon mounts for deterioration, security and evidence of bottoming out.<br><br>Access 11 |   |                       |                     |         |
|                    |  |   |                       |                     |         |
|                    |  |   |                       |                     |         |
|                    |  |   |                       |                     |         |
| 1,3                | 40. Pylon mount boots for cuts, tears and security.<br><br>Access 11                         |   |                       |                     |         |
|                    |  |   |                       |                     |         |
|                    |  |   |                       |                     |         |
|                    |  |   |                       |                     |         |

"FOD REMINDER"  
Check work area for tools and parts after completion of maintenance and inspection.

TM 55-1520-244-PM

| PHASE NO.          |  | Area Name and No.     |                       | Aircraft Serial No. |         | Date |  |
|--------------------|--|-----------------------|-----------------------|---------------------|---------|------|--|
|                    |  | PYLON - 9 (LEFT SIDE) |                       |                     |         |      |  |
| Inspect Phase No's | Inspection Requirements  | Status                | Faults and/or Remarks | Action Taken        | Initial |      |  |
| 3                  | 41. Pylon dampers removed and checked for excess gaps between spring seat and shims under end of cylinder barrel.<br><br>Access 11 |                       |                       |                     |         |      |  |
|                    |  |                       |                       |                     |         |      |  |
|                    |  |                       |                       |                     |         |      |  |
|                    |  |                       |                       |                     |         |      |  |
| ALL<br>C           | 42. Pylon damper assembly for leakage and security.<br><br>Access 11   |                       |                       |                     |         |      |  |
|                    |  |                       |                       |                     |         |      |  |
|                    |  |                       |                       |                     |         |      |  |
|                    |  |                       |                       |                     |         |      |  |
| ALL<br>C           | 43. Pylon damper lower mount bracket for security and loose rivets.<br><br>Access 11   |                       |                       |                     |         |      |  |
|                    |  |                       |                       |                     |         |      |  |
|                    |  |                       |                       |                     |         |      |  |
|                    |  |                       |                       |                     |         |      |  |
| ALL<br>C           | 44. Fifth mount lower support for cracks, corrosion and security.<br><br>Access 11   |                       |                       |                     |         |      |  |
|                    |  |                       |                       |                     |         |      |  |
|                    |  |                       |                       |                     |         |      |  |
|                    |  |                       |                       |                     |         |      |  |
| ALL<br>C           | 45. SCAS motion transducer for damage and security.<br><br>Access 11   |                       |                       |                     |         |      |  |
|                    |  |                       |                       |                     |         |      |  |
|                    |  |                       |                       |                     |         |      |  |
|                    |  |                       |                       |                     |         |      |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection.

TM 55-1520-244-PM

| PHASE NO.          |   | Area Name and No.<br>PYLON - 9 (LEFT SIDE) | Aircraft Serial No.   | Date         |         |
|--------------------|---|--|-----------------------|--------------|---------|
| Inspect Phase No's | Inspection Requirements   | Status                                     | Faults and/or Remarks | Action Taken | Initial |
| 3                  | 46. Hydraulic cylinder supports for cracks, corrosion and security.<br><br>Access 11  |  |                       |              |         |
|                    |   |  |                       |              |         |
|                    |   |  |                       |              |         |
| ALL<br>C           | 47. Hydraulic cylinders for damage, leakage and leakage and corrosion. Retainer nut, bearing housing nut and servo valve lock nuts for proper safety wiring.<br><br>Access 11 |  |                       |              |         |
|                    |   |  |                       |              |         |
|                    |   |  |                       |              |         |
| 3<br>C             | 48. Replace hydraulic cylinder mount nuts (4)<br>Repaint slippage marks.<br><br>Access 11   |  |                       |              |         |
|                    |   |  |                       |              |         |
|                    |   |  |                       |              |         |
| ALL<br>C           | 49. Hydraulic cylinders lower bearing retaining nut for security by checking cylinder barrel for vertical movement.<br><br>Access 11  |  |                       |              |         |
|                    |   |  |                       |              |         |
|                    |   |  |                       |              |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

TM 55-1520-244-PM

| PHASE NO.          |   | Area Name and No.<br>PYLON - 9 (LEFT SIDE) |                       | Aircraft Serial No. |  | Date    |  |
|--------------------|---|--|-----------------------|---------------------|--|---------|--|
| Inspect Phase No's | Inspection Requirements   | Status                                     | Faults and/or Remarks | Action Taken        |  | Initial |  |
| 1, 3               | 50. Hydraulic cylinders uniball bearing (upper bearing) for specified breakaway force. As applicable.<br><br>Access 11                                    |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
| ALL<br>C           | 51. If installed, visually inspect the kamatics main drive shaft (flexible plate) for cracks, damage and security.  |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
| ALL<br>C           | 52. Scissors and sleeve for damage and security. Bearings and bushings for binding or excessive wear. Boot for cuts, tears and security.<br><br>Access 12 |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
| ALL<br>C           | 53. Drive links and anti-drive link for damage and security. Drive links and anti-drive link bearings for binding or excessive wear.<br><br>Access 12     |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection.

**TM 55-1520-244-PM**

| PHASE NO.                 | Area Name and No.<br>PYLON - 9 (LEFT SIDE)  | Aircraft Serial No | Date                         |                     |                |
|---------------------------|---|--------------------|------------------------------|---------------------|----------------|
| <b>Inspect Phase No's</b> | <b>Inspection Requirements</b>  | <b>Status</b>      | <b>Faults and/or Remarks</b> | <b>Action Taken</b> | <b>Initial</b> |
| 1,3<br>C                  | 54. Collective lever assembly for damage and security. Bearings for binding or excessive wear.<br><br>Access 12           |                    |                              |                     |                |
| ALL<br>C                  | 55. Swashplate and support for damage and security. Bearings and bushings for binding or excessive wear.<br><br>Access 12 |                    |                              |                     |                |
| ALL<br>C                  | 56. Swashplate breakaway force checked at control horn with swashplate disconnected.<br><br>Access 12                     |                    |                              |                     |                |
| ALL<br>C                  | 57. Droop compensating control rod for damage, binding, worn bearings, corrosion and security.<br><br>Access 11           |                    |                              |                     |                |

"FOD REMINDER"  
Check work area for tools and parts after completion of maintenance and inspection.

TM 55-1520-244-PM

| PHASE NO.          |   | Area Name and No.<br>PYLON - 9 (LEFT SIDE) |                       | Aircraft Serial No. |  | Date    |  |
|--------------------|---|--|-----------------------|---------------------|--|---------|--|
| Inspect Phase No's | Inspection Requirements   | Status                                     | Faults and/or Remarks | Action Taken        |  | Initial |  |
| ALL                | 58. Droop compensating control rod firewall boot and retainer for cuts, tears, deterioration and security.<br><br>Access 11 |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
| ALL<br>C           | 59. Droop compensating control torque shaft for damage, binding, worn bearings, corrosion and security.<br><br>Access 11    |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
| ALL                | 60. Fuel lines and hoses for leakage, chafing and security.<br><br>Access 11  |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
| ALL                | 61. Air induction baffle for cracks, distortion and loose or missing fasteners.<br><br>Access 11                            |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
| ALL                | 62. Transmission vent valve for clogged condition and security.   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection.

**TM 55-1520-244-PM**

| PHASE NO.                |   | Area Name and No.<br>MAIN ROTOR - 10 | Aircraft Serial No. | Date |
|--------------------------|---|--------------------------------------|---------------------|------|
| Inspect<br>Phase<br>No's |   |                                      |                     |      |
| 4                        | 1. (Metal blades). Remove tip cap.<br>Check stud retention nuts for looseness.<br>Check studs for looseness or distortion.  |                                      |                     |      |
| ALL<br>C                 | 2. Mast assembly (exposed portions) for<br>chafing, nicks, scratches, corrosion, clean-<br>liness, and collet sleeve debonding.   |                                      |                     |      |
| ALL<br>C                 | 3. Main rotor blades upper and lower<br>surfaces and blade tips for cracks and<br>visible indications of voids or bond separa-<br>tions. Trailing edges and scarf joints for<br>nick, dents, erosion and corrosion.   |                                      |                     |      |
| ALL<br>C                 | 4. Pitch change tube for damage, corrosion<br>and security. Conduct fluorescent penetrant<br>inspection for cracks and perform total in-line<br>runout inspection. Bearings for excessive radial<br>or axial play. P/N 209-010 -460-1 requires full<br>inspection. P/N 209-010-518-101 damage,<br>corrosion, and security only (fluorescent<br>penetrant inspection not required. |                                      |                     |      |
| 1,3                      | 5. Upper mast boot for cuts, tears,<br>cracks and security.   |                                      |                     |      |

**“FOD REMINDER”**

Check work area for tools and parts after completion of maintenance and inspection

TM 55-1520-244-PM

| PHASE NO. _____          |  | Area Name and No.<br>MAIN ROTOR - 10 | Aircraft Serial No.   | Date         |         |
|--------------------------|--|--------------------------------------|-----------------------|--------------|---------|
| Inspect<br>Phase<br>No's | Inspection Requirements  | Status                               | Faults and/or Remarks | Action Taken | Initial |
| ALL<br>C                 | 6. Friction collet assembly partially disassembled to inspect collet set for condition and cracks. |                                      |                       |              |         |
| ALL<br>C                 | 7. Friction collet assembly adjusted to specified friction.  |                                      |                       |              |         |
| ALL<br>C                 | 8. Tap test K747 blade spar area between stations 70 to 90.  |                                      |                       |              |         |
| ALL<br>C                 | 9. Inspect main rotor feather bearing.   |                                      |                       |              |         |
|                          |  |                                      |                       |              |         |
|                          |  |                                      |                       |              |         |
|                          |  |                                      |                       |              |         |
|                          |  |                                      |                       |              |         |
|                          |  |                                      |                       |              |         |
|                          |  |                                      |                       |              |         |
|                          |  |                                      |                       |              |         |
|                          |  |                                      |                       |              |         |
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|                          |  |                                      |                       |              |         |
|                          |  |                                      |                       |              |         |
|                          |  |                                      |                       |              |         |
|                          |  |                                      |                       |              |         |
|                          |  |                                      |                       |              |         |
|                          |  |                                      |                       |              |         |
|                          |  |                                      |                       |              |         |

**"FOD REMINDER"**  
Check work area for tools and parts after completion of maintenance and inspection



**TM 55-1520-244-PM**

| PHASE NO.          | Area Name and No  | Aircraft Serial No | Date                  |             |         |
|--------------------|---|--------------------|-----------------------|-------------|---------|
|                    | ENGINE - 11 (RIGHT SIDE)  |                    |                       |             |         |
| Inspect Phase No's | Inspection Requirements   | Status             | Faults and/or Remarks | Action Team | Initial |
| 2                  | 1. Pylon aft fairing for cracks and missing or stripped fasteners.<br><br>Access 12, 14   |                    |                       |             |         |
| ALL                | 2. Engine access doors for cracks, dents and proper alignment. Latches for proper operation. Seals for cuts, tears and bonding separation.<br><br>Access 14 |                    |                       |             |         |
| ALL                | 3. Engine access door hinges for wear, cracks, corrosion and proper adjustment.<br><br>Access 14  |                    |                       |             |         |
| 2,4                | 4. Engine area structure for cracks, corrosion and loose or missing rivets.<br><br>Access 14  |                    |                       |             |         |
| ALL                | 5. Engine deck drains for clogged condition.<br><br>Access 14   |                    |                       |             |         |

**"FOD REMINDER"**  
Check work area for tools and parts after completion of maintenance and inspection

| PHASE NO           |   | Area Name and No.<br>ENGINE - 11 (RIGHT SIDE) |                       | Aircraft Serial No. |  | Date    |  |
|--------------------|---|---|-----------------------|---------------------|--|---------|--|
| Inspect Phase No's | Inspection Requirements   | Status  | Faults and/or Remarks | Action Taken        |  | Initial |  |
| ALL                | 6. Forward and aft firewalls for cracks, dents, buckled areas and missing or stripped fasteners.<br><br>Access 14   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
| ALL<br>C           | 7. Engine tubular mounts for damage, corrosion and security. Mount bearings for excessive wear. Check rivets for cracks and security.<br><br>Access 14                              |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
| 2                  | 8. Engine trunnion bearings for excessive play. Trunnion at midpoints or underside for cracks. To inspect, raise engine so that bearings are free of pillowblocks.<br><br>Access 14 |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
| 2, 4               | 9. Bleed air valve for evidence of leakage and security.<br><br>Access 14   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

7-77 Change 2

| PHASE NO.          | Area Name and No.<br>Engine - 11 (RIGHT SIDE)   | Aircraft Serial No. | Date                  |              |         |
|--------------------|---|---------------------|-----------------------|--------------|---------|
| Inspect Phase No's | Inspection Requirements   | Status              | Faults and/or Remarks | Action Taken | Initial |
| 2, 4               | 10. Bleed air actuator for condition and security.<br><br>Access 14   |                     |                       |              |         |
| ALL                | 11. Bleed air tubing for chafing, loose connections and missing or broken safety wire.<br><br>Access 14   |                     |                       |              |         |
| 2, 4               | 12. Starter generator brushes checked for wear and freedom of movement. Brush leads for deterioration or chafing. Commutator for arcing, presence of oil or metal particles. Electrical connections for security. |                     |                       |              |         |
| 2                  | 13. Engine wiring harness for chafing and loose or corroded connections.<br><br>Access 14   |                     |                       |              |         |
| 2                  | 14. TGT connector for chafing and security.<br><br>Access 14  |                     |                       |              |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

TM 55-1520-244-PM

| PHASE NO.          |   | Area Name and No.<br>ENGINE - 11 (RIGHT SIDE) |                       | Aircraft Serial No. |         | Date |  |
|--------------------|---|---|-----------------------|---------------------|---------|------|--|
| Inspect Phase No's | Inspection Requirements   | Status  | Faults and/or Remarks | Action Taken        | Initial |      |  |
| ALL                | 15. Fire detector elements for damage and security.<br><br>Access 14                              |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
| 2                  | 16. Oil lines and hoses for damage, chafing, leakage and security.<br><br>Access 14               |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
| ALL                | 17. Fuel lines and hoses for leakage, chafing and security.<br><br>Access 14                      |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
| ALL                | 18. Electrical wiring for chafing and loose or corroded connections.<br><br>Access 14             |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
| ALL                | 19. Tailpipe/IR Suppressor fairing for cracks and missing or stripped fasteners.<br><br>Access 15 |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |
|                    |   |   |                       |                     |         |      |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection.

TM 55-1520-244-PM

| PHASE NO.          |   | Area Name and No.<br>ENGINE - 11 (RIGHT SIDE) |                       | Aircraft Serial No. |  | Date    |  |
|--------------------|---|---|-----------------------|---------------------|--|---------|--|
| Inspect Phase No's | Inspection Requirements   | Status  | Faults and/or Remarks | Action Taken        |  | Initial |  |
| ALL                | 20. IR duct/Suppressor for damage and security.<br><br>Access 15  |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
| 2                  | 21. Power turbine blades for cracks, burns and dents. Exhaust diffuser cover (sailor cap) for cracks and security.<br><br>Access 15 |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
| 2                  | 22. Tailpipe/IR Suppressor for cracks, chafing, burn spots and foreign objects.<br><br>Access 15                                    |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
| 2                  | 23. Tailpipe/IR Suppressor heat shield for cracks and burned spots.<br><br>Access 15  |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
| ALL<br>C           | 24. Insulation blanket for damage and security.<br><br>Access 15  |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection.

TM 55-1520-244-PM

| PHASE NO.          |  | Area Name and No.<br>ENGINE - 11 (RIGHT SIDE) |                       | Aircraft Serial No. |         | Date |  |
|--------------------|--|---|-----------------------|---------------------|---------|------|--|
| Inspect Phase No's | Inspection Requirements  | Status  | Faults and/or Remarks | Action Taken        | Initial |      |  |
| ALL                | 25. Tailpipe/IR Suppressor ejector for cracks and security.<br><br>Access 15   |   |                       |                     |         |      |  |
|                    |  |   |                       |                     |         |      |  |
|                    |  |   |                       |                     |         |      |  |
|                    |  |   |                       |                     |         |      |  |
| ALL                | 26. Engine airbleed actuator strainer for condition and cleanliness. Bleed band assembly for bends, cracks, security. Clean filter, replace if damaged.<br><br>Access 14 |   |                       |                     |         |      |  |
|                    |  |   |                       |                     |         |      |  |
|                    |  |   |                       |                     |         |      |  |
|                    |  |   |                       |                     |         |      |  |
| ALL<br>C           | 27. Engine chip detector removed, inspected, cleaned. Perform functional check.<br><br>Access 14   |   |                       |                     |         |      |  |
|                    |  |   |                       |                     |         |      |  |
|                    |  |   |                       |                     |         |      |  |
|                    |  |   |                       |                     |         |      |  |
|                    |  |   |                       |                     |         |      |  |
|                    |  |   |                       |                     |         |      |  |

"FOD REMINDER"

| PHASE NO.          |  | Area Name and No.<br>ENGINE - 11 (RIGHT SIDE) |                       | Aircraft Serial No. |  | Date    |  |
|--------------------|--|---|-----------------------|---------------------|--|---------|--|
| Inspect Phase No's | Inspection Requirements  | Status  | Faults and/or Remarks | Action Taken        |  | Initial |  |
| 2                  | 28. Pylon aft fairing for cracks and missing or stripped fasteners.<br><br>Access 12, 14   |   |                       |                     |  |         |  |
|                    |  |   |                       |                     |  |         |  |
|                    |  |   |                       |                     |  |         |  |
|                    |  |   |                       |                     |  |         |  |
| ALL                | 29. Engine access doors for cracks, dents and proper alignment. Latches for proper operation. Seals for cuts, tears and bonding separation.<br><br>Access 14 |   |                       |                     |  |         |  |
|                    |  |   |                       |                     |  |         |  |
|                    |  |   |                       |                     |  |         |  |
|                    |  |   |                       |                     |  |         |  |
| ALL                | 30. Engine access door hinges for wear, cracks, corrosion and proper adjustment.<br><br>Access 14  |   |                       |                     |  |         |  |
|                    |  |   |                       |                     |  |         |  |
|                    |  |   |                       |                     |  |         |  |
|                    |  |   |                       |                     |  |         |  |
| 2,4                | 31. Engine area structure for cracks, corrosion and loose or missing rivets.<br><br>Access 14  |   |                       |                     |  |         |  |
|                    |  |   |                       |                     |  |         |  |
|                    |  |   |                       |                     |  |         |  |
|                    |  |   |                       |                     |  |         |  |
| ALL                | 32. Engine deck drains for clogged condition.<br><br>Access 14   |   |                       |                     |  |         |  |
|                    |  |   |                       |                     |  |         |  |
|                    |  |   |                       |                     |  |         |  |
|                    |  |   |                       |                     |  |         |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection.

| PHASE NO.          |   | Area Name and No.<br>ENGINE - 11 (LEFT SIDE) |                       | Aircraft Serial No. |  | Date    |  |
|--------------------|---|--|-----------------------|---------------------|--|---------|--|
| Inspect Phase No's | Inspection Requirements   | Status                                       | Faults and/or Remarks | Action Taken        |  | Initial |  |
| ALL                | 33. Forward and aft firewalls for cracks, dents, buckled areas and missing or stripped fasteners.<br><br>Access 14  |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
| ALL                | 34. Tail rotor drive shaft heat shield for cracks, dents, buckled areas and missing or stripped fasteners.<br><br>Access 14   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
| ALL<br>C           | 35. Engine tubular mounts for damage, corrosion and security. Mount bearings for excessive wear. Check rivets for cracks and security.<br><br>Access 14                               |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
| 2                  | 36. Engine trunnion bearings for excessive play. Trunnions at midpoints or underside for cracks. To inspect, raise engine so that bearings are free of pillowblocks.<br><br>Access 14 |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |
|                    |   |  |                       |                     |  |         |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection.



TM 55-1520-244-PM

| PHASE NO.          |  | Area Name and No.<br>ENGINE - 11 (LEFT SIDE) |                       | Aircraft Serial No. |  | Date    |  |
|--------------------|--|--|-----------------------|---------------------|--|---------|--|
| Inspect Phase No's | Inspection Requirements  | Status                                       | Faults and/or Remarks | Action Taken        |  | Initial |  |
| ALL<br>C           | 37. Throttle control push-pull rods for damage, binding, worn bearings, corrosion and security.<br><br>Access 14 |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
| ALL<br>C           | 38. Throttle control rod boot for cuts, tears, deterioration and security.<br><br>Access 14                      |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
| ALL<br>C           | 39. Throttle control bellcranks and supports for damage, condition of bearings and security.<br><br>Access 14    |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
| ALL<br>C           | 40. Droop compensating control rod for damage, binding, worn bearings, corrosion and security.<br><br>Access 14  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection.

TM 55-1520-244-PM

| PHASE NO.          |  | Area Name and No.       | Aircraft Serial No.   |              | Date    |
|--------------------|--|-------------------------|-----------------------|--------------|---------|
|                    |  | ENGINE - 11 (LEFT SIDE) |                       |              |         |
| Inspect Phase No's | Inspection Requirements  | Status                  | Faults and/or Remarks | Action Taken | Initial |
| ALL<br>C           | 41. Droop compensating control bell-crank and support for damage, binding, worn bearings, corrosion and security.<br><br>Access 14 |                         |                       |              |         |
|                    |  |                         |                       |              |         |
|                    |  |                         |                       |              |         |
|                    |  |                         |                       |              |         |
| ALL<br>C           | 42. Droop compensator cambox assembly for condition and security.<br><br>Access 14   |                         |                       |              |         |
|                    |  |                         |                       |              |         |
|                    |  |                         |                       |              |         |
|                    |  |                         |                       |              |         |
| ALL<br>C           | 43. Linear actuator for condition and security.<br><br>Access 14   |                         |                       |              |         |
|                    |  |                         |                       |              |         |
|                    |  |                         |                       |              |         |
|                    |  |                         |                       |              |         |
| ALL                | 44. Bleed air tubing for chafing, loose connections and missing or broken safety wire.<br><br>Access 14                            |                         |                       |              |         |
|                    |  |                         |                       |              |         |
|                    |  |                         |                       |              |         |
|                    |  |                         |                       |              |         |
| 2, 4               | 45. Accessory drive gearbox for leakage, corrosion and security.<br><br>Access 14  |                         |                       |              |         |
|                    |  |                         |                       |              |         |
|                    |  |                         |                       |              |         |
|                    |  |                         |                       |              |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection.

| PHASE NO.          |  | Area Name and No.       |                       | Aircraft Serial No. |         | Date |  |
|--------------------|--|-------------------------|-----------------------|---------------------|---------|------|--|
|                    |  | ENGINE - 11 (LEFT SIDE) |                       |                     |         |      |  |
| Inspect Phase No's | Inspection Requirements  | Status                  | Faults and/or Remarks | Action Taken        | Initial |      |  |
| 2, 4               | 46. Overspeed governor and tachometer drive assembly for leakage, corrosion and security.<br><br>Access 14 |                         |                       |                     |         |      |  |
|                    |  |                         |                       |                     |         |      |  |
|                    |  |                         |                       |                     |         |      |  |
|                    |  |                         |                       |                     |         |      |  |
| 2, 4               | 47. Torque meter, boost pump, main oil pump and scavenger pump for leakage and security.<br><br>Access 14  |                         |                       |                     |         |      |  |
|                    |  |                         |                       |                     |         |      |  |
|                    |  |                         |                       |                     |         |      |  |
|                    |  |                         |                       |                     |         |      |  |
| 2, 4               | 48. Fuel control for leakage, damage and security.<br><br>Access 14  |                         |                       |                     |         |      |  |
|                    |  |                         |                       |                     |         |      |  |
|                    |  |                         |                       |                     |         |      |  |
|                    |  |                         |                       |                     |         |      |  |
| ALL<br>C           | 49. Fuel control inlet strainers inspect and clean.<br><br>Access 14                                       |                         |                       |                     |         |      |  |
|                    |  |                         |                       |                     |         |      |  |
|                    |  |                         |                       |                     |         |      |  |
|                    |  |                         |                       |                     |         |      |  |
| ALL<br>C           | 50. Fuel control servo strainers inspect and replace if contaminated.<br><br>Access 14                     |                         |                       |                     |         |      |  |
|                    |  |                         |                       |                     |         |      |  |
|                    |  |                         |                       |                     |         |      |  |
|                    |  |                         |                       |                     |         |      |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection.

| PHASE NO.          | Area Name and No.<br>ENGINE - 11 (LEFT SIDE)  |        | Aircraft Serial No.   |              | Date    |
|--------------------|---|--------|-----------------------|--------------|---------|
| Inspect Phase No's | Inspection Requirements   | Status | Faults and/or Remarks | Action Taken | Initial |
| ALL<br>C           | 51. Fuel control power lever for freedom of movement through full range to each stop. |        |                       |              |         |
|                    | Access 14   |        |                       |              |         |
| 2                  | 52. Engine wiring harness for chafing and loose or corroded connections.              |        |                       |              |         |
|                    | Access 14, 15   |        |                       |              |         |
| 2                  | 53. Ignition exciter and leads for cracks, chafing and secure connections.            |        |                       |              |         |
|                    | Access 14   |        |                       |              |         |
| ALL                | 54. Fire detector elements for damage and security.                                   |        |                       |              |         |
|                    | Access 14   |        |                       |              |         |
| ALL<br>C           | 55. Main fuel filter element replaced.  |        |                       |              |         |
|                    | Access 14   |        |                       |              |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

| PHASE NO.          |  | Area Name and No<br>ENGINE - 11 (LEFT SIDE) |                       | Aircraft Serial No |         | Date |  |
|--------------------|--|---|-----------------------|--------------------|---------|------|--|
| Inspect Phase No's | Inspection Requirements  | Status                                      | Faults and/or Remarks | Action Taken       | Initial |      |  |
| 2                  | 56. Oil lines and hoses for damage, chafing, leakage and security.<br><br>Access 12, 14      |   |                       |                    |         |      |  |
|                    |  |   |                       |                    |         |      |  |
|                    |  |   |                       |                    |         |      |  |
|                    |  |   |                       |                    |         |      |  |
| ALL                | 57. Fuel lines and hoses for leakage, chafing and security.<br><br>Access 14                 |   |                       |                    |         |      |  |
|                    |  |   |                       |                    |         |      |  |
|                    |  |   |                       |                    |         |      |  |
|                    |  |   |                       |                    |         |      |  |
| ALL                | 58. Bleed air line to blower for chafing, evidence of leakage and security.<br><br>Access 14 |   |                       |                    |         |      |  |
|                    |  |   |                       |                    |         |      |  |
|                    |  |   |                       |                    |         |      |  |
|                    |  |   |                       |                    |         |      |  |
| ALL                | 59. Electrical wiring for chafing and loose or corroded connections.<br><br>Access 14        |   |                       |                    |         |      |  |
|                    |  |   |                       |                    |         |      |  |
|                    |  |   |                       |                    |         |      |  |
|                    |  |   |                       |                    |         |      |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection.

TM 55-1520-244-PM

| PHASE NO.                |   | Area Name and No.<br>ENGINE - 11 (LEFT SIDE) |                       | Aircraft Serial No. |         | Date |
|--------------------------|---|--|-----------------------|---------------------|---------|------|
| Inspect<br>Phase<br>No's | Inspection Requirements   | Status                                       | Faults and/or Remarks | Action Taken        | Initial |      |
| ALL                      | 60. Check air distribution pressure regulator valve for indication of leakage or loose mounting. Remove, check and clean solenoid valve filter then reinstall.<br><br>Access 14 |  |                       |                     |         |      |
|                          |   |  |                       |                     |         |      |
|                          |   |  |                       |                     |         |      |
|                          |   |  |                       |                     |         |      |
| ALL<br>C                 | 61. Clean and inspect engine oil filter. (TM 55-2840-229-23) Aircraft without ODDS.   |  |                       |                     |         |      |
|                          |   |  |                       |                     |         |      |
|                          |   |  |                       |                     |         |      |
|                          |   |  |                       |                     |         |      |
|                          |   |  |                       |                     |         |      |
|                          |   |  |                       |                     |         |      |
|                          |   |  |                       |                     |         |      |
|                          |   |  |                       |                     |         |      |
|                          |   |  |                       |                     |         |      |
|                          |   |  |                       |                     |         |      |
|                          |   |  |                       |                     |         |      |
|                          |   |  |                       |                     |         |      |
|                          |   |  |                       |                     |         |      |

**“FOD REMINDER”**

Check work area for tools and parts after completion of maintenance and inspection.

| PHASE NO.          |   | Area Name and No.<br>AFT FUEL CELL AND OIL COOLER BLOWER -12 |                       | Aircraft Serial No. |         | Date |  |
|--------------------|---|--|-----------------------|---------------------|---------|------|--|
| Inspect Phase No's | Inspection Requirements   | Status   | Faults and/or Remarks | Action Taken        | Initial |      |  |
| 4                  | 1. Exterior skin for cracks, punctures and loose or missing rivets for chipped or peeling condition   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
| ALL                | 2. Aft fuel cell outer panel for punctures, cracks, corrosion and missing or stripped fasteners. Check fuel lines for damage, and loose or missing fasteners. |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
| 4                  | 3. Oil cooler compartment access panel for puncture, cracks, corrosion and missing or stripped fasteners.<br><br>Access 17, 19                                |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
| ALL<br>C           | 4. Oil cooler fan for rough or binding bearings. Inspect oil cooler for cleanliness and obstruction.<br><br>Access 17   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
| 4                  | 5. Transmission oil lines and hoses for chafing, leaks and security.<br><br>Access 17, 19   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection.

**TM 55-1520-244-PM**

| PHASE NO.          |   | Area Name and No.                        | Aircraft Serial No.   |              | Date    |
|--------------------|---|--|-----------------------|--------------|---------|
|                    |   | AFT FUEL CELL AND OIL COOLER BLOWER - 12 |                       |              |         |
| Inspect Phase No's | Inspection Requirements   | Status                                   | Faults and/or Remarks | Action Taken | Initial |
| ALL                | 6. Fuselage structure for cracks, corrosion, loose or missing rivets.<br><br>Access 17, 19                      |  |                       |              |         |
|                    |   |  |                       |              |         |
|                    |   |  |                       |              |         |
|                    |   |  |                       |              |         |
|                    |   |  |                       |              |         |
| ALL<br>C           | 7. Throttle control push-pull rods for damage, binding, worn bearings, corrosion and security.<br><br>Access 19 |  |                       |              |         |
|                    |   |  |                       |              |         |
|                    |   |  |                       |              |         |
|                    |   |  |                       |              |         |
|                    |   |  |                       |              |         |
| ALL<br>C           | 8. Throttle control bellcranks and supports for damage, condition of bearings and security<br><br>Access 19     |  |                       |              |         |
|                    |   |  |                       |              |         |
|                    |   |  |                       |              |         |
|                    |   |  |                       |              |         |
|                    |   |  |                       |              |         |
| ALL<br>C           | 9. Idle stop cam for wear, damage and proper adjustment.<br><br>Access 19                                       |  |                       |              |         |
|                    |   |  |                       |              |         |
|                    |   |  |                       |              |         |
|                    |   |  |                       |              |         |
|                    |   |  |                       |              |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection



**TM 55-1520-244-PM**

| PHASE NO.          |   | Area Name and No.<br>AFT FUEL CELL AND OIL COOLER BLOWER - 12 |                       | Aircraft Serial No. |  | Date    |  |
|--------------------|---|---|-----------------------|---------------------|--|---------|--|
| Inspect Phase No's | Inspection Requirements   | Status  | Faults and/or Remarks | Action Taken        |  | Initial |  |
| ALL<br>C           | 10. Bleed air line to blower for chafing, evidence of leakage and security. |   |                       |                     |  |         |  |
|                    | Access 19   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
|                    |   |   |                       |                     |  |         |  |
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**“FOD REMINDER”**  
Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| PHASE NO.          |   | Area Name and No.                           |                       | Aircraft Serial No. |         | Date |  |
|--------------------|---|---|-----------------------|---------------------|---------|------|--|
|                    |   | AFT FUEL CELL AND ELECTRICAL EQUIPMENT - 13 |                       |                     |         |      |  |
| Inspect Phase No's | Inspection Requirements   | Status                                      | Faults and/or Remarks | Action Taken        | Initial |      |  |
| 4                  | 1. Exterior skin for cracks, punctures and loose or missing rivets. Paint and decals for chipped or peeling condition.      |   |                       |                     |         |      |  |
| ALL                | 2. Aft fuel cell outer panel for punctures, cracks, corrosions and missing or stripped fasteners.                           |   |                       |                     |         |      |  |
| ALL                | 3. Electrical compartment access panel for punctures, cracks, corrosion and missing or stripped fasteners.<br><br>Access 16 |   |                       |                     |         |      |  |
| 4                  | 4. Fuselage structure for cracks, corrosion, loose or missing rivets.<br><br>Access 16                                      |   |                       |                     |         |      |  |
| 2, 4<br>C          | 5. Tail boom attachment fittings (4 each) for evidence of working rivets at bulkhead and bolt slippage marks.               |   |                       |                     |         |      |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| PHASE NO.          |   | Area Name and No.                           |                       | Aircraft Serial No. |         | Date |  |  |
|--------------------|---|---|-----------------------|---------------------|---------|------|--|--|
|                    |   | AFT FUEL CELL AND ELECTRICAL EQUIPMENT - 13 |                       |                     |         |      |  |  |
| Inspect Phase No's | Inspection Requirements   | Status                                      | Faults and/or Remarks | Action Taken        | Initial |      |  |  |
| 2, 4<br>C          | 6. Tail rotor control lever, tube, and support for damage, condition of bearings, security, and corrosion.<br><br>Access 16 |   |                       |                     |         |      |  |  |
|                    |   |   |                       |                     |         |      |  |  |
|                    |   |   |                       |                     |         |      |  |  |
|                    |   |   |                       |                     |         |      |  |  |
| 2, 4<br>C          | 7. Elevator control walking beam and tube for damage, condition of bearings, security and corrosion.<br><br>Access 16       |   |                       |                     |         |      |  |  |
|                    |   |   |                       |                     |         |      |  |  |
|                    |   |   |                       |                     |         |      |  |  |
|                    |   |   |                       |                     |         |      |  |  |
| 4                  | 8. Tail rotor hydraulic cylinder support for damage and security.<br><br>Access 16  |   |                       |                     |         |      |  |  |
|                    |   |   |                       |                     |         |      |  |  |
|                    |   |   |                       |                     |         |      |  |  |
|                    |   |   |                       |                     |         |      |  |  |
| ALL<br>C           | 9. Tail rotor control hydraulic cylinder for damage, leakage and security.<br><br>Access 16                                 |   |                       |                     |         |      |  |  |
|                    |   |   |                       |                     |         |      |  |  |
|                    |   |   |                       |                     |         |      |  |  |
|                    |   |   |                       |                     |         |      |  |  |
| 4                  | 10. Hydraulic lines and hoses for leakage, chafing, damage and security.<br><br>Access 16                                   |   |                       |                     |         |      |  |  |
|                    |   |   |                       |                     |         |      |  |  |
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**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| PHASE NO.          |   | Area Name and No.                           | Aircraft Serial No.   |              | Date    |
|--------------------|---|---|-----------------------|--------------|---------|
|                    |   | AFT FUEL CELL AND ELECTRICAL EQUIPMENT - 13 |                       |              |         |
| Inspect Phase No's | Inspection Requirements   | Status                                      | Faults and/or Remarks | Action Taken | Initial |
| ALL                | 11. Electrical relays for security.<br><br>Access 16  |   |                       |              |         |
|                    |   |   |                       |              |         |
|                    |   |   |                       |              |         |
| ALL<br>C           | 12. Electrical wiring for chafing and loose or corroded connections.<br><br>Access 16   |   |                       |              |         |
|                    |   |   |                       |              |         |
|                    |   |   |                       |              |         |
| ALL<br>C           | 13. FIRE CONTROL COMPUTER (F):<br>Inspect for security, hardware in accordance with TM 9-1270-218-13&P. AH-1F only.   |   |                       |              |         |
|                    |   |   |                       |              |         |
|                    |   |   |                       |              |         |
| ALL<br>C           | 14. SIGNAL PROCESSOR (F): Inspect security and hardware. (TM 9-1270-220-23&P)<br><br>Access 16  |   |                       |              |         |
|                    |   |   |                       |              |         |
|                    |   |   |                       |              |         |
| ALL                | 15. ELECTRONIC EQUIPMENT RACK<br>Ensure that self locking swing bolts are free from binding. Ensure that guide pins are secure and not bent or broken. (TM 9-1425-473-20) |   |                       |              |         |
|                    |   |   |                       |              |         |
|                    |   |   |                       |              |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

TM 55-1520-244-PM

| PHASE NO.          | Area Name and No.<br>AFT FUEL CELL AND ELECTRICAL EQUIPMENT - 13                     |        | Aircraft Serial No.   |              | Date    |
|--------------------|--|--------|-----------------------|--------------|---------|
| Inspect Phase No's | Inspection Requirements  | Status | Faults and/or Remarks | Action Taken | Initial |
| ALL<br>C           | 16. Laser detector LRU: Inspect for security, hardware, and wiring.<br><br>Access 16 |        |                       |              |         |
|                    |  |        |                       |              |         |
|                    |  |        |                       |              |         |
|                    |  |        |                       |              |         |
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**“FOD REMINDER”**

Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| PHASE NO.          |   | Area Name and No.<br>TAIL BOOM AND FIN - 14 (RIGHT SIDE) |                       | Aircraft Serial No. |         | Date |  |
|--------------------|---|--|-----------------------|---------------------|---------|------|--|
| Inspect Phase No's | Inspection Requirements   | Status   | Faults and/or Remarks | Action Taken        | Initial |      |  |
| ALL                | 1. Tail boom exterior skin for cracks, punctures and loose or missing rivets. Paint and decals for chipped or peeling condition.                            |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
| ALL                | 2. Antenna mounts for damage and security.  |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
| 2, 4               | 3. Access panels for punctures, cracks cor, rosion and missing or staripped fasteners.<br><br>Access 55, 56,  |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
| ALL<br>C           | 4. Elevator for cracks, punctures and loose or missing rivets. Mounting for proper adjustment and security. Elevator horn for proper drag.<br><br>Access 55 |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
| ALL                | 5. Tail boom structure for cracks, corrosion and loose or missing rivets.<br><br>Access 16  |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |
|                    |   |  |                       |                     |         |      |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

| PHASE NO.          |  | Area Name and No.                   | Aircraft Serial No.   | Date         |         |
|--------------------|--|-------------------------------------|-----------------------|--------------|---------|
|                    |  | TAIL BOOM AND FIN - 14 (RIGHT SIDE) |                       |              |         |
| Inspect Phase No's | Inspection Requirements  | Status                              | Faults and/or Remarks | Action Taken | Initial |
| 4                  | 6. Elevator bearing support for excessive wear and security.<br><br>Access 55  |                                     |                       |              |         |
| ALL                | 7. Electrical wiring for chafing and loose or corroded connections.<br><br>Access 67, 68, 69, 72                       |                                     |                       |              |         |
| 2, 4<br>C          | 8. Flight control push-pull tubes for damage, binding, worn bearings, corrosion and security.<br><br>Access 55, 56, 57 |                                     |                       |              |         |
| 2, 4<br>C          | 9. Tail rotor control bellcranks for damage, condition of bearings and security.<br><br>Access 62, 67                  |                                     |                       |              |         |
| 2, 4<br>C          | 10. Tail rotor control levers and supports for damage, condition of bearings and security.<br><br>Access 55, 62, 67    |                                     |                       |              |         |

"POLY-RETRACTED"

Check work area for tools and parts after completion of maintenance and inspection.

TM 55-1520-244-PM

| PHASE NO.          |  | Area Name and No.                   |                       | Aircraft Serial No. |         | Date |  |
|--------------------|--|-------------------------------------|-----------------------|---------------------|---------|------|--|
|                    |  | TAIL BOOM AND FIN - 14 (RIGHT SIDE) |                       |                     |         |      |  |
| Inspect Phase No's | Inspection Requirements  | Status                              | Faults and/or Remarks | Action Taken        | Initial |      |  |
| 2, 4<br>C          | 11. Elevator horn assembly for damage, condition of bearing and security.<br><br>Access 55   |                                     |                       |                     |         |      |  |
|                    |  |                                     |                       |                     |         |      |  |
|                    |  |                                     |                       |                     |         |      |  |
|                    |  |                                     |                       |                     |         |      |  |
| ALL                | 12. Tail skid fairing for cracks and missing or stripped fasteners.<br><br>Access 66   |                                     |                       |                     |         |      |  |
|                    |  |                                     |                       |                     |         |      |  |
|                    |  |                                     |                       |                     |         |      |  |
|                    |  |                                     |                       |                     |         |      |  |
| 2, 4               | 13. Tail skid for distortion, corrosion and security.<br><br>Access 66   |                                     |                       |                     |         |      |  |
|                    |  |                                     |                       |                     |         |      |  |
|                    |  |                                     |                       |                     |         |      |  |
|                    |  |                                     |                       |                     |         |      |  |
| ALL<br>C           | 14. Remove ballast weights. Inspect mounting inserts for security and honey-comb panel for voids or cracking. Remount weights and apply standard torque to bolts. If in a moist or salty climate, weights can be edge sealed with proseal to control corrosion.<br><br>Access 66 |                                     |                       |                     |         |      |  |
|                    |  |                                     |                       |                     |         |      |  |
|                    |  |                                     |                       |                     |         |      |  |
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**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection.



**TM 55-1520-244-PM**

| PHASE NO.          |   | Area Name and No.<br>TAIL BOOM AND FIN -14 (LEFT SIDE) |                       | Aircraft Serial No. | Date    |
|--------------------|---|--|-----------------------|---------------------|---------|
| Inspect Phase No's | Inspection Requirements   | Status   | Faults and/or Remarks | Action Taken        | Initial |
| ALL                | 15. Tail boom exterior skin for cracks, punctures and loose or missing rivets. Paint and decals for chipped or peeling condition.                                     |  |                       |                     |         |
| 4                  | 16. Tail boom structure for cracks, corrosion and loose or missing rivets.<br><br>Access 55, 56, 67, 68, 69, 72   |  |                       |                     |         |
| ALL                | 17. Electrical wiring for chafing and loose or corroded connections.<br><br>Access 55,56,67,68,69,72  |  |                       |                     |         |
| ALL<br>C           | 18. Electrical components for security. Remove blower motor and inspect bulkhead (BS 122.33) for cracks in web around blower mounting holes.<br><br>Access 68, 69, 72 |  |                       |                     |         |
| ALL<br>C           | 19. Elevator for cracks, punctures and loose or missing rivets. Mounting for proper adjustment and security.<br><br>Access 55   |  |                       |                     |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection.

**TM 55-1520-244-PM**

| <b>PHASE NO.</b>          |  | <b>Area Name and No.<br/>TAILBOOM AND FIN 14 (LEFT SIDE)</b> |                              | <b>Aircraft Serial No.</b> | <b>Date</b>    |
|---------------------------|--|--|------------------------------|----------------------------|----------------|
| <b>Inspect Phase No's</b> | <b>Inspection Requirements</b>   | <b>Status</b>  | <b>Faults and/or Remarks</b> | <b>Action Taken</b>        | <b>Initial</b> |
| ALL                       | 20. Antenna mounts for damage and security.  |  |                              |                            |                |
| 2, 4<br>C                 | 21. Flight control push-pull tubes for damage, binding, worn bearings, corrosion and security.<br><br>Access 55, 56, 63, 64, 67                            |  |                              |                            |                |
| 2, 4<br>C                 | 22. Tail rotor control bellcranks for damage, condition of bearings and security.<br><br>Access 62, 67   |  |                              |                            |                |
| 2, 4<br>C                 | 23. Tail rotor control levers and supports for damage, condition of bearings and security.<br><br>Access 55, 62, 63, 64, 67                                |  |                              |                            |                |
| 2, 4<br>C                 | 24. Tail rotor control lever, link and idler (at tail rotor 90-degree gearbox) for damage, corrosion, condition of bearings and security.<br><br>Access 62 |  |                              |                            |                |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection.

| PHASE NO.          |  | Area Name and No.<br>TAILBOOM AND FIN - 14 (LEFT SIDE) |                       | Aircraft Serial No. |  | Date    |  |
|--------------------|--|--|-----------------------|---------------------|--|---------|--|
| Inspect Phase No's | Inspection Requirements  | Status   | Faults and/or Remarks | Action Taken        |  | Initial |  |
| ALL                | 25. Tail rotor (90 degree) gearbox cover for cracks, chafing, missing or stripped fasteners.<br><br>Access 62            |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
| 4                  | 26. Tail rotor (90 degree) gearbox support fitting for chafing by vertical fin door.<br><br>Access 62                    |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
| ALL                | 27. Tail rotor (90 degree) gearbox for leakage, cracks, corrosion and security.<br><br>Access 62                         |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
| ALL<br>C           | 28. Tail rotor (90 degree) gearbox lubricating oil drained and refilled.<br><br>Access 62                                |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
| ALL                | 29. Tail rotor (90 degree) gearbox chip detector removed, inspected, cleaned. Perform functional check.<br><br>Access 62 |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
|                    |  |  |                       |                     |  |         |  |
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**"FOD REMINDER"**

**Check work area for tools and parts after completion of maintenance and inspection.**

**TM 55-1520-244-PM**

| PHASE NO.                |   | Area Name and No.<br>TAIL BOOM AND FIN - 14 (LEFT SIDE) | Aircraft Serial No.   | Date          |         |  |
|--------------------------|---|---|-----------------------|---------------|---------|--|
| inspect<br>Phase<br>No's | Inspection<br>Requirements  | Status  | Faults and/or Remarks | Actions Taken | Initial |  |
| ALL<br>C                 | 30. Remove ballast weight. Inspect mounting inserts for security and honeycomb panel for voids or cracking. Remount weights and apply standards torque to blots. If in a moist or salty climate, weights can be edge sealed with proseal to control corrosion. If chaff dispenser system has been installed this inspection is not required.<br>Access 65 |   |                       |               |         |  |
|                          |   |   |                       |               |         |  |
|                          |   |   |                       |               |         |  |
|                          |   |   |                       |               |         |  |
| ALL<br>C                 | 31. ARMAMENT LRUs: Inspect for security, hardware, wiring.<br>Access 68, 69, 72   |   |                       |               |         |  |
|                          |   |   |                       |               |         |  |
|                          |   |   |                       |               |         |  |
|                          |   |   |                       |               |         |  |
| A U<br>C                 | 32. EPS: Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. Ensure that filter vent is free of foreign objects. Ensure connectors are securely attached. (TM 9-1425-473-20)   |   |                       |               |         |  |
|                          |   |   |                       |               |         |  |
|                          |   |   |                       |               |         |  |
|                          |   |   |                       |               |         |  |
| A U<br>C                 | 33. SCA: Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. Ensure that filter vents are free of foreign objects. Clean filter. Ensure connectors are securely attached (TM 9-1425-473-20).   |   |                       |               |         |  |
|                          |   |   |                       |               |         |  |
|                          |   |   |                       |               |         |  |
|                          |   |   |                       |               |         |  |
| A U<br>C                 | 34. MCA: Ensure that indicator is not cracked or broken and that moisture is not visible inside the glass. Ensure connectors are security attached. (TM-9-1425-473-20).   |   |                       |               |         |  |
|                          |   |   |                       |               |         |  |
|                          |   |   |                       |               |         |  |
|                          |   |   |                       |               |         |  |
| ALL<br>C                 | 35. EER's: Ensure that self locking swing bolts are free from binding. Ensure that guide pins are secure and not bent or broken. (TM 9-1425-473-20).  |   |                       |               |         |  |
|                          |   |   |                       |               |         |  |
|                          |   |   |                       |               |         |  |
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**"FOD REMINDER"**

**Check work area for tools and parts after completion of maintenance and inspection.**

TM 55-1520-244-PM

| PHASE NO.          |   | Area Name and No.           |                       | Aircraft Serial No. |         | Date |  |
|--------------------|---|-----------------------------|-----------------------|---------------------|---------|------|--|
|                    |   | TAIL ROTOR DRIVE TRAIN - 15 |                       |                     |         |      |  |
| Inspect Phase No's | Inspection Requirements   | Status                      | Faults and/or Remarks | Action Taken        | Initial |      |  |
| ALL                | 1. Tail rotor access doors for chafing, cracks, corrosion, punctures and loose or missing rivets. Fasteners for proper operation and security.<br><br>Access 57, 58, 59, 60, 61 |                             |                       |                     |         |      |  |
|                    |   |                             |                       |                     |         |      |  |
|                    |   |                             |                       |                     |         |      |  |
|                    |   |                             |                       |                     |         |      |  |
| ALL                | 2. Tail rotor drive shaft cover hinges for damage and security.<br><br>Access 58, 59, 61  |                             |                       |                     |         |      |  |
|                    |   |                             |                       |                     |         |      |  |
|                    |   |                             |                       |                     |         |      |  |
|                    |   |                             |                       |                     |         |      |  |
| ALL                | 3. Antenna mounts for damage and security.<br><br>Access 62   |                             |                       |                     |         |      |  |
|                    |   |                             |                       |                     |         |      |  |
|                    |   |                             |                       |                     |         |      |  |
|                    |   |                             |                       |                     |         |      |  |
| 2, 4               | 4. Tail rotor drive shafts for dents, nicks, scratches, and distortion.<br><br>Access 15  |                             |                       |                     |         |      |  |
|                    |   |                             |                       |                     |         |      |  |
|                    |   |                             |                       |                     |         |      |  |
|                    |   |                             |                       |                     |         |      |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

TM 55-1520-244-PM

| PHASE NO.           |   | Area Name and No.<br>TAIL ROTOR DRIVEN TRAIN - 15 | Aircraft Serial No.   | Date         |         |
|---------------------|---|---|-----------------------|--------------|---------|
| Inspect, Phase No's | Inspection Requirements   | Status  | Faults and/or Remarks | Action Taken | Initial |
| ALL<br>C            | 5. Hanger bearing assemblies, including flex couplings, visually checked externally for obvious damage, leakage, and overheating (brown discoloration of the green zinc chromate paint strip).<br><br>Access 15, 57, 58, 59, 60, 61 |   |                       |              |         |
|                     |   |   |                       |              |         |
|                     |   |   |                       |              |         |
|                     |   |   |                       |              |         |
| 2, 4<br>C           | 6. Hanger bearing and support for damage, security, corrosion, and overheating (brown discoloration of zinc chromate paint on hanger).<br><br>Access 15, 57, 58, 59   |   |                       |              |         |
|                     |   |   |                       |              |         |
|                     |   |   |                       |              |         |
|                     |   |   |                       |              |         |
| 2, 4                | 7. Tail rotor drive shaft clamp sets for proper alignment and security.<br><br>Access 11, 15, 57, 58, 59, 60, 61  |   |                       |              |         |
|                     |   |   |                       |              |         |
|                     |   |   |                       |              |         |
|                     |   |   |                       |              |         |
| ALL                 | 8. Intermediate (42 degree) gearbox for leakage, cracks, corrosion and security.<br><br>Access 60   |   |                       |              |         |
|                     |   |   |                       |              |         |
|                     |   |   |                       |              |         |
|                     |   |   |                       |              |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection.

| PHASE NO.           |  | Area Name and No.<br>TAIL ROTOR DRIVE TRAIN - 15 |                       | Aircraft Serial No. |  | Date    |  |
|---------------------|--|--|-----------------------|---------------------|--|---------|--|
| Inspect, Phase No's | Inspection Requirements  | Status   | Faults and/or Remarks | Action Taken        |  | Initial |  |
| ALL<br>C            | 9. Intermediate gearbox lubricating oil drained and refilled<br><br>Access 60  |  |                       |                     |  |         |  |
|                     |  |  |                       |                     |  |         |  |
|                     |  |  |                       |                     |  |         |  |
|                     |  |  |                       |                     |  |         |  |
| ALL                 | 10. Intermediate (42 degree) gearbox chip detector removed, inspected, cleaned. Perform functional check.<br><br>Access 60 |  |                       |                     |  |         |  |
|                     |  |  |                       |                     |  |         |  |
|                     |  |  |                       |                     |  |         |  |
|                     |  |  |                       |                     |  |         |  |
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|                     |  |  |                       |                     |  |         |  |
|                     |  |  |                       |                     |  |         |  |
|                     |  |  |                       |                     |  |         |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection.

| PHASE NO.          | Area Name and No.  |        | Aircraft Serial No.   |              | Date    |  |
|--------------------|--|--------|-----------------------|--------------|---------|--|
|                    | TAIL ROTOR - 16  |        |                       |              |         |  |
| Inspect Phase No's | Inspection Requirements  | Status | Faults and/or Remarks | Action Taken | Initial |  |
| ALL<br>C           | 1. Remove rotor blades from the yoke and the yoke from the tail rotor hub. Inspect tail rotor hub assembly for visible damage and security. Inspect blade retention and trunnion bearings. |        |                       |              |         |  |
|                    |  |        |                       |              |         |  |
|                    |  |        |                       |              |         |  |
| ALL<br>C           | 2. Tail rotor blades for cracks, dents, erosion and security.  |        |                       |              |         |  |
|                    |  |        |                       |              |         |  |
|                    |  |        |                       |              |         |  |
| ALL<br>C           | 3. Tail rotor pitch changes links for corrosion and security. Rod ends for binding or excessive wear.  |        |                       |              |         |  |
|                    |  |        |                       |              |         |  |
|                    |  |        |                       |              |         |  |
| ALL<br>C           | 4. Tail rotor crosshead for corrosion and security. Bearings for binding or excessive wear.  |        |                       |              |         |  |
|                    |  |        |                       |              |         |  |
|                    |  |        |                       |              |         |  |
| ALL<br>C           | 5. Tail rotor counterweights, links and bellcranks for damage, security, and corrosion.  |        |                       |              |         |  |
|                    |  |        |                       |              |         |  |
|                    |  |        |                       |              |         |  |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection



| PHASE NO.          | Area Name and No.<br>TAIL ROTOR -16 | Aircraft Serial No. | Date                  |              |         |
|--------------------|-------------------------------------|---------------------|-----------------------|--------------|---------|
| Inspect Phase No's | Inspection Requirements             | Status              | Faults and/or Remarks | Action Taken | Initial |
| ALL<br>C           | 6. Deleted.                         |                     |                       |              |         |
| ALL<br>C           | 7. Deleted.                         |                     |                       |              |         |
| ALL                | 8. Deleted.                         |                     |                       |              |         |
|                    |                                     |                     |                       |              |         |
|                    |                                     |                     |                       |              |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

| PHASE NO.          | Area Name and No.<br>LUBRICATION   | Aircraft Serial No. | Date                  |              |         |
|--------------------|--|---------------------|-----------------------|--------------|---------|
| Inspect Phase No's | Inspection Requirements  | Status              | Faults and/or Remarks | Action Taken | Initial |
| ALL<br>C           | 1. Lubricate in accordance with lubrication chart contained in the maintenance manual. |                     |                       |              |         |
|                    |  |                     |                       |              |         |
|                    |  |                     |                       |              |         |
|                    |  |                     |                       |              |         |
|                    |  |                     |                       |              |         |
|                    |  |                     |                       |              |         |
|                    |  |                     |                       |              |         |
|                    |  |                     |                       |              |         |
|                    |  |                     |                       |              |         |
|                    |  |                     |                       |              |         |

**“FOD REMINDER”**  
Check work area for tools and parts after completion of maintenance and inspection.

**TM 55-1520-244-PM**

| PHASE NO.          |   | Area Name and No.<br><b>POWER ON CHECKS</b> |                       | Aircraft Serial No. | Data    |
|--------------------|---|---|-----------------------|---------------------|---------|
| Inspect Phase No's | Inspection Requirements   | Status                                      | Faults and/or Remarks | Action Taken        | Initial |
| ALL<br>C           | 1. Engine ground run to check for proper operation. During engine coastdown, listen for unusual noises due to possible internal binding or rubbing. |   |                       |                     |         |
|                    |   |   |                       |                     |         |
|                    |   |   |                       |                     |         |
|                    |   |   |                       |                     |         |
|                    |   |   |                       |                     |         |
| ALL<br>C           | 2. Combustion chamber drain valve for proper operation during engine operation. Check for no fuel while operating but some drainage at shutdown.    |   |                       |                     |         |
|                    |   |   |                       |                     |         |
|                    |   |   |                       |                     |         |
|                    |   |   |                       |                     |         |
|                    |   |   |                       |                     |         |
| ALL<br>C           | 3. Particle separator overboard vent during engine operation for smooth airstream flow.   |   |                       |                     |         |
|                    |   |   |                       |                     |         |
|                    |   |   |                       |                     |         |
|                    |   |   |                       |                     |         |
|                    |   |   |                       |                     |         |
| ALL<br>C           | 4. Main fuel filter for caution panel indication of clogged element condition (fuel boost pumps on.)  |   |                       |                     |         |
|                    |   |   |                       |                     |         |
|                    |   |   |                       |                     |         |
|                    |   |   |                       |                     |         |
|                    |   |   |                       |                     |         |
| 2                  | 5. Fuel low level warning light system checked for proper operation.  |   |                       |                     |         |
|                    |   |   |                       |                     |         |
|                    |   |   |                       |                     |         |
|                    |   |   |                       |                     |         |
|                    |   |   |                       |                     |         |

**“FOD REMINDER”**

Check work area for tools and parts after completion of maintenance and inspection.

TM 55-1520-244-PM

| PHASE NO.          |  | Area Name and No.<br>POWER ON CHECKS |                       | Aircraft Serial No. | Date    |
|--------------------|--|--------------------------------------|-----------------------|---------------------|---------|
| Inspect Phase No's | Inspection Requirements  | Status                               | Faults and/or Remarks | Action Taken        | Initial |
| ALL                | 6. Transmission oil level light for proper operation.  |                                      |                       |                     |         |
|                    |  |                                      |                       |                     |         |
|                    |  |                                      |                       |                     |         |
| 4                  | 7. Aft electrical compartment blower for proper operation. Use heat gun to simulate overheat.<br><br>Access 56 |                                      |                       |                     |         |
|                    |  |                                      |                       |                     |         |
|                    |  |                                      |                       |                     |         |
|                    |  |                                      |                       |                     |         |
|                    |  |                                      |                       |                     |         |
|                    |  |                                      |                       |                     |         |
|                    |  |                                      |                       |                     |         |
|                    |  |                                      |                       |                     |         |
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|                    |  |                                      |                       |                     |         |
|                    |  |                                      |                       |                     |         |
|                    |  |                                      |                       |                     |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection.

**TM 55-1520-244-PM**

| PHASE NO.          |  | Area Name and No.<br>FINAL INSPECTION REQUIREMENTS |                       | Aircraft Serial No. | Date    |
|--------------------|--|--|-----------------------|---------------------|---------|
| Inspect Phase No's | Inspection Requirements  | Status   | Faults and/or Remarks | Action Taken        | Initial |
| ALL<br>C           | 1. As certain that all entries on forms, records and worksheets have been completed or updated and new forms initiated as required and/or have been carried forward on DA Form 2408-13 or DA Form 2408-14. |  |                       |                     |         |
|                    |  |  |                       |                     |         |
|                    |  |  |                       |                     |         |
|                    |  |  |                       |                     |         |
|                    |  |  |                       |                     |         |
| ALL<br>C           | 2. Perform Post-Inspection Maintenance Operational Checks (MOC), as required, in accordance with the requirements of TM 1-1500-328-23.   |  |                       |                     |         |
|                    |  |  |                       |                     |         |
|                    |  |  |                       |                     |         |
|                    |  |  |                       |                     |         |
|                    |  |  |                       |                     |         |
| ALL<br>C           | 3. Perform a daily inspection in accordance with TM 55-1520-244-PMD.   |  |                       |                     |         |
|                    |  |  |                       |                     |         |
|                    |  |  |                       |                     |         |
|                    |  |  |                       |                     |         |
|                    |  |  |                       |                     |         |
| ALL<br>C           | 3.1. Post-Inspection Maintenance Test Flight (MTF) required in accordance with TM 1-1500-328-23 and TM 55-1520-244 MTF or TM 55-1520-236-MTF as applicable.  |  |                       |                     |         |
|                    |  |  |                       |                     |         |
|                    |  |  |                       |                     |         |
|                    |  |  |                       |                     |         |
|                    |  |  |                       |                     |         |
| ALL<br>C           | 4. Perform TSGMS in accordance with TM 9-1425-473-34.  |  |                       |                     |         |
|                    |  |  |                       |                     |         |
|                    |  |  |                       |                     |         |
|                    |  |  |                       |                     |         |
|                    |  |  |                       |                     |         |

**“FOD REMINDER”**

Check work area for tools and parts after completion of maintenance and inspection

| PHASE NO.          | Area Name and No.<br>FINAL INSPECTION REQUIREMENTS  |        | Aircraft Serial No.   |              | Date    |
|--------------------|---|--------|-----------------------|--------------|---------|
| Inspect Phase No's | Inspection Requirements   | Status | Faults and/or Remarks | Action Taken | Initial |
| ALL<br>C           | 5. ARMAMENT SYSTEMS FUNCTIONAL CHECK. (TM 9-1090-203)   |        |                       |              |         |
|                    |   |        |                       |              |         |
|                    |   |        |                       |              |         |
|                    |   |        |                       |              |         |
| ALL<br>C           | 6. Perform boresight verification of ARMT subsystems as required. (TM 9-1090-206-20)          |        |                       |              |         |
|                    |   |        |                       |              |         |
|                    |   |        |                       |              |         |
|                    |   |        |                       |              |         |
| ALL<br>C           | 7. Perform boresight verification of AIM-1/EXL subsystem as required. (AH-1F) (TM 9-1090-203) |        |                       |              |         |
|                    |   |        |                       |              |         |
|                    |   |        |                       |              |         |
|                    |   |        |                       |              |         |
|                    |   |        |                       |              |         |
|                    |   |        |                       |              |         |
|                    |   |        |                       |              |         |

**"FOD REMINDER"**

Check work area for tools and parts after completion of maintenance and inspection

**TM 55-1520-244-PM**

Signature Sheet (150 Hour Inspection)

|  |         |          |
|--|---------|----------|
| Signature of Person Accomplishing Necessary Work | Initial | TI Stamp |
| Signature of Person Accomplishing Necessary Work | Initial | TI Stamp |
| Signature of Person Accomplishing Necessary Work | Initial | TI Stamp |
| Signature of Person Accomplishing Necessary Work | Initial | TI Stamp |
| Signature of Person Accomplishing Necessary Work | Initial | TI Stamp |
| Signature of Person Accomplishing Necessary Work | Initial | TI Stamp |
|  | Initial | TI Stamp |
|  | Initial | TI Stamp |
| Signature of Maintenance Supervisor              | Initial | TI Stamp |
| Signature of Technical Inspector                 | Initial | TI Stamp |
| Signature of Maintenance Officer                 | Initial | TI Stamp |

\*U.S. GOVERNMENT PRINTING OFFICE: 1996 - 755-025/400227

## These are the instructions for sending an electronic 2028

The following format must be used if submitting an electronic 2028. The subject line must be exactly the same and all fields must be included; however only the following fields are mandatory: 1, 3, 4, 5, 6, 7, 8, 9, 10, 13, 15, 16, 17, and 27.

From: "Whomever" <whomever@avma27.army.mil>  
To: mpmt/oavma28@st-louis-emh7.army.mil

Subject: DA Form 2028

1. **From:** Joe Smith
2. **Unit:** home
3. **Address:** 4300 Park
4. **City:** Hometown
5. **St:** MO
6. **Zip:** 77777
7. **Date Sent:** 19-OCT-93
8. **Pub no:** 55-2840-229-23
9. **Pub Title:** TM
10. **Publication Date:** 04-JUL-85
11. **Change Number:** 7
12. **Submitter Rank:** MSG
13. **Submitter FName:** Joe
14. **Submitter MName:** T
15. **Submitter LName:** Smith
16. **Submitter Phone:** 123-123-1234
17. **Problem: 1**
18. **Page:** 2
19. **Paragraph:** 3
20. **Line:** 4
21. **NSN:** 5
22. **Reference:** 6
23. **Figure:** 7
24. **Table:** 8
25. **Item:** 9
26. **Total:** 123
27. **Text:**

This is the text for the problem below line 27.



RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



THEN... JOT DOWN THE DOPE ABOUT IT ON THIS FORM, CAREFULLY TEAR IT OUT, FOLD IT AND DROP IT IN THE MAIL!

SOMETHING WRONG WITH THIS PUBLICATION?

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

PFC JOHN DOE  
COA, 3d ENGINEER BN  
FT. LEANBARWOOD, MD 63108

DATE SENT

PUBLICATION NUMBER

PUBLICATION DATE

PUBLICATION TITLE

BE EXACT... PIN-POINT WHERE IT IS

| PAGE NO | PARA-GRAPH | FIGURE NO | TABLE NO |
|---------|------------|-----------|----------|
| 6       | 2-1<br>a   |           |          |
| B1      |            | 4-3       |          |
| 125     | line 20    |           |          |

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

In line 6 of paragraph 2-1a the manual states the engine has 6 Cylinders. The engine on my set only has 4 Cylinders. Change the manual to show 4 Cylinders.

Callout 16 on figure 4-3 is pointing at a bolt. In key to figure 4-3, item 16 is called a shim - Please correct one or the other.

I ordered a gasket, item 19 on figure B-16 by NSN 2 910-00-762-3001. I got a gasket but it doesn't fit. Supply says I got what I ordered, so the NSN is wrong. Please give me a good NSN

PRINTED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

JOHN DOE, PFC (268) 317-7111

SIGN HERE

JOHN DOE

DA FORM 2028-2  
1 JUL 79

PREVIOUS EDITIONS ARE OBSOLETE.  
DRSTS-M Overprint 1, 1 Nov 80

PS--IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR RECOMMENDATION MAKE A CARBON COPY OF THIS AND GIVE IT TO YOUR HEADQUARTERS.

TEAR ALONG PERFORATED LINE

FILL IN YOUR  
UNIT'S ADDRESS

FOLD BACK

DEPARTMENT OF THE ARMY


OFFICIAL BUSINESS

COMMANDER  
U S ARMY AVIATION SYSTEMS COMMAND  
ATTN: AMSAV-MMD  
4300 GOODFELLOW BOULEVARD  
ST. LOUIS, MO 63120-1798

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FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

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DATE SENT

PUBLICATION NUMBER

TM 55-1520-244-PM

PUBLICATION DATE

30 Apr 90

PUBLICATION TITLE

Phased Maintenance Checklists  
AH-1E/F/P/S Helicopter

| BE EXACT. PIN-POINT WHERE IT IS |            |           |          | IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT: |
|---------------------------------|------------|-----------|----------|--|
| PAGE NO                         | PARA-GRAPH | FIGURE NO | TABLE NO |  |
|                                 |            |           |          |  |

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PAGE NO

PARA-GRAPH

FIGURE NO

TABLE NO

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|         |            |           |          |

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|--------------------------------|------------|-----------|----------|
| PAGE NO                        | PARA-GRAPH | FIGURE NO | TABLE NO |
|                                |            |           |          |

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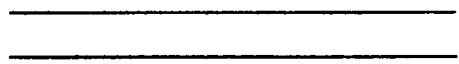
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TEAR ALONG PERFORATED LINE

## The Metric System and Equivalents

### Linear Measure

1 centimeter = 10 millimeters = .39 inch  
 1 decimeter = 10 centimeters = 3.94 inches  
 1 meter = 10 decimeters = 39.37 inches  
 1 dekameter = 10 meters = 32.8 feet  
 1 hectometer = 10 dekameters = 328.08 feet  
 1 kilometer = 10 hectometers = 3,280.8 feet

### Weights

1 centigram = 10 milligrams = .15 grain  
 1 decigram = 10 centigrams = 1.54 grains  
 1 gram = 10 decigram = .035 ounce  
 1 dekagram = 10 grams = .35 ounce  
 1 hectogram = 10 dekagrams = 3.52 ounces  
 1 kilogram = 10 hectograms = 2.2 pounds  
 1 quintal = 100 kilograms = 220.46 pounds  
 1 metric ton = 10 quintals = 1.1 short tons

### Liquid Measure

1 centiliter = 10 milliliters = .34 fl. ounce  
 1 deciliter = 10 centiliters = 3.38 fl. ounces  
 1 liter = 10 deciliters = 33.81 fl. ounces  
 1 dekaliter = 10 liters = 2.64 gallons  
 1 hectoliter = 10 dekaliters = 26.42 gallons  
 1 kiloliter = 10 hectoliters = 264.18 gallons

### Square Measure

1 sq. centimeter = 100 sq. millimeters = .155 sq. inch  
 1 sq. decimeter = 100 sq. centimeters = 15.5 sq. inches  
 1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. feet  
 1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. feet  
 1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47 acres  
 1 sq. kilometer = 100 sq. hectometers = .386 sq. mile -

### Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch  
 1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. inches  
 1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

## Approximate Conversion Factors

| To change     | To                 | Multiply by | To Change          | To            | Multiply by |
|---------------|--------------------|-------------|--------------------|---------------|-------------|
| inches        | centimeters        | 2.540       | ounce-inches       | newton-meters | .007062     |
| feet          | meters             | .305        | centimeters        | inches        | .394        |
| yards         | meters             | .914        | meters             | feet          | 3.280       |
| miles         | kilometers         | 1.609       | meters             | yards         | 1.094       |
| square inches | square centimeters | 6.451       | kilometers         | miles         | .621        |
| square feet   | square meters      | .093        | square centimeters | square inches | .155        |
| square yards  | square meters      | .836        | square meters      | square feet   | 10.764      |
| square miles  | square kilometers  | 2.590       | square meters      | square yards  | 1.196       |
| acres         | square hectometers | .405        | square kilometers  | square miles  | .386        |
| cubic feet    | cubic meters       | .028        | square hectometers | acres         | 2.471       |
| cubic yards   | cubic meters       | .765        | cubic meters       | cubic feet    | 35.315      |
| fluid ounces  | milliliters        | 29,573      | cubic meters       | cubic yards   | 1.308       |
| pints         | liters             | .473        | milliliters        | fluid ounces  | .034        |
| quarts        | liters             | .946        | liters             | pints         | 2.113       |
| gallons       | liters             | 3.785       | liters             | quarts        | 1.057       |
| ounces        | grams              | 28.349      | liters             | gallons       | .264        |
| pounds        | kilograms          | .454        | grams              | ounces        | .035        |
| short tons    | metric tons        | .907        | kilograms          | pounds        | 2.205       |
| pound-feet    | newton-meters      | 1.356       | metric tons        | short tons    | 1.102       |
| pound-inches  | newton-meters      | .11296      |                    |               |             |

## Temperature (Exact)

°F Fahrenheit  
temperature

5/9 (after  
subtracting 32)

Celsius  
temperature

°C



