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.

HEADQUARTERS, DEPARTMENT OF THE ARMY

30 APRIL 1990

CHANGE

NO. 8

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 31 August 1996

PHASED MAINTENANCE CHECKLISTS

AH-1E/F/P/S HELICOPTER

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

TM 55-1520-244-PM, 30 April 1990, is changed as follows:

1. Remove and insert pages as indicated below. New or changed text material is indicated by a vertical bar in the margin. An illustration change is indicated by a miniature pointing hand.

| Remove pages | Insert pages |
|---------------------|---------------------|
| 1-1 through 14 | 1-1 through 1-4 |
| 2-13 and 2-14 | 2-13 and 2-14 |
| 3-4.1/(3-4.2 blank) | 3-4.1/(3-4.2 blank) |
| 4-3 and 4-4 | 4-3 and 4-4 |
| 4-13 and 4-14 | 4-13 and 4-14 |
| 7-4.1/(7-4.2 blank) | 7-4.1/(7-4.2 blank) |
| 7-27 and 7-28 | 7-27 and 7-28 |
| 7-41 and 7-42 | 7-41 and 7-42 |
| 7-57 through 7-60 | 7-57 through 7-60 |
| 7-77 and 7-78 | 7-77 and 7-78 |
| 7-87 and 7-88 | 7-87 and 7-88 |
| 7-107 and 7-108 | 7-107 and 7-108 |
| | |

Remove pages

7-113 and 7-114

2028 and envelope

Insert pages

7-113 and 7-114 Electronic 2028 Instructions 2028s and envelopes

Retain this sheet in front of manual for reference purposes.

By Order of the Secretary of the Army:

Official:

JOEL B. HUDSON Administrative Assistant to the Secretary of the Army 02373

Jack B. Hula

DENNIS J. REIMER General, United States Army Chief of Staff

DISTRIBUTION:

To be distributed in accordance with DA Form 12-31-E, block no. 1163, requirements for TM 55-1520-244-PM.

CHANGE

No. 7

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 31 October 1995

PHASED MAINTENANCE CHECKLISTS

AH-1E/F/P/S HELICOPTER

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

TM 55-1520-244-PM, 30 April 1990, is changed as follows:

1. Remove and insert pages as indicated below. New or changed text material is indicated by a vertical bar in the margin. An illustration change is indicated by a miniature pointing hand.

| Remove pages | Insert pages |
|---------------------|---------------------|
| 2-1 through 2-4 | 2-1 through 2-4 |
| 3-1 through 3-4 | 3-1 through 3-4 |
| 3-4.1/(3-4.2 blank) | 3-4.1/(3-4.2 blank) |
| 4-1 through 4-4 | 4-1 through 4-4 |
| 5-1 through 5-4 | 5-1 through 5-4 |
| 5-4.1/(5-4.2 blank) | 5-4.1 and 5-4.2 |
| 6-1 through 6-4 | 6-1 through 6-4 |
| 6-4.1/(6-4.2 blank) | 6-4.1/(6-4.2 blank) |
| 7-1 through 7-4 | 7-1 through 7-4 |
| 7-61 and 7-62 | 7-61 and 7-62 |
| 7-81 and 7-82 | 7-81 and 7-82 |
| 7-89 and 7-90 | 7-89 and 7-90 |

Remove pages

Insert pages

7-101 and 7-102

7-101 and 7-102

7-105 and 7-106

7-105 and 7-106

2. Retain this sheet in front of manual for reference purposes.

By Order of the Secretary of the Army:

DENNIS J. REIMER General, United States Army Chief of Staff

//YVONNE M. HARRISON

Administrative Assistant to the

Secretary of the Army

DISTRIBUTION:

To be distributed in accordance with DA Form 12-31-E, block no. 1163, requirements for TM 55-1520-244-PM.

C 6

CHANGE

NO. 6

HEADQUARTERS
DEPARTMENT OF THE ARMY,
WASHINGTON, D. C., 31 August 1994

TECHNICAL MANUAL

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

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

TM 55-1520-244-PM, 30 April 1990, is changed as follows:

1. Remove and insert pages as indicated below. New or changed text material is indicated by a vertical bar in the margin. An illustration change is indicated by a miniature pointing hand.

| Remove pages | Insert pages |
|----------------------|--------------------------------|
| 1-3 and 1-4 | 1-3 and 1-4 |
| 2-3 and 2-4 | 2-3 and 2-4 |
| 2-4.1/(2-4.2 blank) | 2-4.1/(2-4.2 blank) |
| 2-5 and 2-6 | 2-5 and 2-6 |
| 2-13 and 2-14 | 2-13 through 2-15/(2-16 blank) |
| 3-3 and 3-4 | 3-3 and 3-4 |
| 3-13 through 3-18 | 3-13 through 3-18 |
| 4-3 and 4-4 | 4-3 and 4-4 |
| 4-4.1 /(4-4.2 blank) | 4-4.1/(4-4.2 blank) |
| 4-5 and 4-6 | 4-5 and 4-6 |
| 4-13 and 4-14 | 4-13 and 4-14 |
| 5-3 and 5-4 | 5-3 and 5-4 |
| | |

| Remove pages | Insert pages |
|---------------------|--------------------------------|
| 5-17 and 5-18 | 5-17 through 5-19/(5-20 blank) |
| 6-3 and 6-4 | 6-3 and 6-4 |
| 6-4.1/(6-4.2 blank) | 6-4.1/(6-4.2 blank) |
| 6-5 and 6-6 | 6-5 and 6-6 |
| 7-3 and 7-4 | 7-3 and 7-4 |
| | 7-4.1/(7-4.2 blank) |
| 7-7 through 7-10 | 7-7 through 7-10 |
| 7-17 through 7-20 | 7-17 through 7-20 |
| 7-31 and 7-32 | 7-3-1 and 7-32 |
| 7-35 and 7-36 | 7-35 and 7-36 |
| 7-39 and 7-40 | 7-39 and 7-40 |
| 7-47 and 7-48 | 7-47 and 7-48 |
| | 7-48.1/(7-48.2 blank) |
| 7-51 through 7-56 | 7-51 through 7-56 |
| 7-65 and 7-66 | 7-65 and 7-66 |
| 7-69 and7-70 | 7-69 and 7-70 |
| 7-75 through 7-78 | 7-75 through 7-78 |
| 7-81 and 7-82 | 7-81 and 7-82 |
| 7-85 and 7-86 | 7-85 and 7-86 |
| 7-97 and 7-98 | 7-97 and 7-98 |
| 7-101 through 7-104 | 7-101 through 7-104 |
| 7-113 and 7-114 | 7-113 and 7-114 |
| | |

2. Retain this sheet in front of manual for reference purposes.

C6

By Order of the Secretary of the Army:

GORDON R. SULLIVAN General, United States Army Chief of Staff

Official:

Milto M. Semilar MILTON H. HAMILTON Administrative Assistant to the Secretary of the Army

DISTRIBUTION:

To be distributed in accordance with DA Form 12-31-E, block no. 1163, requirements for TM 55-1520-244-PM.

URGENT

NOTICE: THIS CHANGE HAS BEEN PRINTED AND DISTRIBUTED OUT OF SEQUENCE. IT SHOULD BE INSERTED IN THE MANUAL AND USED. UPON RECEIPT OF THE EARLIER SEQUENCED CHANGE ENSURE A MORE CURRENT CHANGE PAGE IS NOT REPLACED WITH A LESS CURRENT PAGE.

TM 55-1520-244-PM C 5

CHANGE NO. 5

HEADQUARTERS

DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 15 SEPTEMBER 1992

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

TM 55-1520-244-PM, 30 April 1990, is changed as follows:

1. Remove and insert pages as indicated below. New or changed text material is indicated by a vertical bar in the margin. An illustration change is indicated by a miniature pointing hand.

Remove pages

Insert pages

7-75 and 7-76

7-75 and 7-76

2. Retain this sheet in front of manual for reference purposes.

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

URGENT

By Order of the Secretary of the Army:

GORDON R. SULLIVAN General, United States Army Chief of Staff

Official:

Milto A. Assistant to the Secretary of the Army

DISTRIBUTION:

To be distributed in accordance with DA Form 12-31-E, block no. 1163, requirements for TM 55-1520-244-PM.

Parec P3

TM 55-1520-244-PM C 4

CHANGE

HEADQUARTERS
DEPARTMENT OF THE ARMY

NO. 4

WASHINGTON, D.C., 15 September 1992

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

TM 55-1520-244-PM, 30 April 1990, is changed as follows:

1. Remove and insert pages as indicated below. New or changed text material is indicated by a vertical bar in the margin. An illustration change is indicated by a miniature pointing hand.

| Remove pages | Insert pages |
|-------------------|-------------------|
| 1-1 through 1-4 | 1-1 through 1-4 |
| 1-11 and 1-12 | 1-11 and $1-12$ |
| 2-3 and 2-4 | 2-3 and $2-4$ |
| | 2-4.1/2-4.2 |
| 2-11 through 2-14 | 2-11 through 2-14 |
| 3-3 and 3-4 | 3-3 and 3-4 |
| | 3-4.1/3-4.2 |
| 3-17 and 3-18 | 3-17 and 3-18 |
| 4-3 and 4-4 | 4-3 and $4-4$ |
| | 4-4.1/4-4.2 |

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

| Remove pages | Insert pages |
|------------------------------------------------------------------------|---------------------------------------------------------------|
| 4-13 and 4-14 5-3 and 5-4 | 4-13 and 4-14 5-3 and 5-4 5-4.1/5-4.2 |
| 5-15 through 5-18 6-3 and 6-4 | 5-15 through 5-18 6-3 and 6-4 6-4.1/6-4.2 |
| 6-13 and 6-14 7-3 and 7-4 7-7 and 7-8 | 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 | 7-15 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 | 7-49 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 | 7-73 and 7-74 7-89 and 7-90 7-95 and 7-96 7-111 through 7-114 |

2. Retain these sheets in front of manual for reference purposes.

By Order of the Secretary of the Army:

GORDON R. SULLIVAN General, United States Army Chief of Staff

Official:

Milto H. Asulfo MILTON H. HAMILTON Administrative Assistant to the Secretary of the Army

DISTRIBUTION

To be distributed in accordance with DA Form 12-31-E, block no. 1163, PM requirements for tm 55-1520-244-PM.

URGENT

TM 55-1520-244-PM C 3

CHANGE NO. 3

HEADQUARTERS

DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 9 December 1991

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

TM 55-1520-244-PM, 30 April 1990, is changed as follows:

1. Remove and insert pages as indicated below. New or changed text material is indicated by a vertical bar in the margin. An illustration change is indicated by a miniature pointing hand.

Remove pages

Insert pages

7-89 and 7-90

7-89 and 7-90

2. Retain this sheet in front of manual for reference purposes.

URGENT

By Order of the Secretary of the Army:

GORDON R. SULLIVAN
Genera/, United States Army
Chief of Staff

Official:

MILTON H. HAMILTON
Administrative Assistant to the
Secretary of the Army

DISTRIBUTION :

To be distributed in accordance with DA Form 12-31-E, block no. 1163, PM requirements for TM 55-1520-244-PM.

CHANGE No. 2

HEADQUARTERS

DEPARTMENT OF THE ARMY WASHINGTON, D.C., 15 November 1991

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

TM 55-1520-244-PM, 30 April 1990, is changed as follows:

1. Remove and insert pages as indicated below. New or changed text material is indicated by a vertical bar in the margin. An illustration change is indicated by a miniature pointing hand.

Remove pages

| 1-1 through 1-4 2-3 through 2-6 |
|--------------------------------------|
| 2-11 through 2-14 |
| 3-3 and 3-4 3-11 through 3-18 |
| 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

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

7-103 and 7-104

7-89 through 7-96

Insert 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 $7-104$ |

2. Retain these sheets in front of manual for reference purposes.

By Order of the Secretary of the Army:

GORDON R. SULLIVAN General, United States Army Chief of Staff

Official:

MILTON H. HAMILTON
Administrative Assistant to the
Secretary of the Army

DISTRIBUTION:

To be distributed in accordance with DA Form 12-31-E, block no. 1163, PM requirements for TM 55-1520-244-PM.

CHANGE NO. 1

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 12 October 1990

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

TM 55-1520-244-PM, 30 April 1990, is changed as follows:

1. Remove and insert pages as indicated below. New or changed text material is indicated by a vertical bar in the margin. An illustration change is indicated by a miniature pointing hand.

| Remove pages | Insert Pages |
|-------------------------------------|-------------------------------------|
| 1-1 and 1-2 | 1-1 and 1-2 |
| 7-1 through 7-4 7-7 through 7-16 | 7-1 through 7-4 7-7 through 7-16 |
| 7-19 through 7-60 | 7-19 through 7-60 |
| 7-63 through 7-114 | 7-63 through 7-11 |

2. Retain this sheet in front of manual for reference purposes.

By Order of the Secretary of the Army

CARL E. VUONO General, United States Army Chief of Staff

Official:

THOMAS F. SIKORA
Brigadier General, United States Army
The Adjutant General

DISTRIBUTION:

To be distributed in accordance with DA Form 12-31, PM requirements for AH-1E/F/P/S Helicopter, Attack.

HEADQUARTERS DEPARTMENT OF THE ARMY WASHINGTON, D.C., 30 APRIL 1990

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. Ii 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 preinspection 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

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

- **1-8 TIME BETWEEN OVERHAUL (TBO) AND RETIREMENT UFE 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. SIGNATURESHEET**. 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 phases 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 IMPROVE- MENTS
 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 I
 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.

| PHASE NO. / PYLON - 9 (RIGH | | | 67- | Aircraft Serial No. | Date / JUN 89 | |
|-----------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------|-----------------------------------------------------------------|-------------------|
| Inspect Phase No's | e Inspection Requirements | | Status | Faults and/or Remarks | Action Taken | Initial |
| 3 | missing or | center fairing for cracks and stripped fasteners. Seals for and bonding separation. 11 EXAMPLE OF TWO FA BLOCK | | THIS ITEM NOT APPLICABLE TO PHASE NO. 1. IN ONE | HEAVY LINES ADDED T | |
| 2.3 | dents and | | J. | access door has crace near latch mrc Greens door latch Vinding NIPC | | Mrc |
| ALL | dents and p | | | EXAMPLE — access door latch inop MPC | Repaired | MA |
| ALL | | ssion access door hinges for c, corrosion and proper adjust- | | TI SIGNED OFF. | Inop-tounder | R. Semon |
| ALL | | | | | Inop - Faund of TWO PEOPLE PERFORMI SPECTION. BOTH HAVE I | ED THIS IN- 1 KAU |

"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)

| PHA: | SE NO. 1 | Area Name AFT FUEL CELL AND ELECT | | QUIPMENT - 13 | 67 | Aircraft Serial No. | Date 10 Jun |) 89 |
|--------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------|----------------------------------------------------------|-----------------------|-------------------------------------|-------------|---------|
| Inspect Phase No's | nase Inspection Requirements | | Status | Faults and/or Rema | arks | Action Taken | | Initial |
| ALL | 20P1, 20J1, taminants isopropyl ald | e that electrical connectors , 20P2, and 20J2 are free con- or corrosion; clean with cohol. (TM 9-1425-473-20) | K | Electrical Coan Corroded M | ectri ACSI PL | Cleaned all los | enelõe | Me |
| | | | | | TED THE FA | TERSON (MPC) DISCONULT AS EVIDENCED | | |
| | Incorrect from D | Fault/distryancy. A Jorn 240813 | # - N | Aft Fuel lell Frankl need Pleat MFC (CR Jux 89) | gutes grad EXAI | Painted Phne MPLE | _e | TM |
| | | ON ITEM ADDED TO AVAIL A CHECKLIST PAGE. | ABLE | | NT PERSON (| CORRECTED THIS FA | AULT. | |

 $\begin{tabular}{ll} \begin{tabular}{ll} \beg$

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

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET) (For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Stall for Logistics (DCSLOG).) | | | | | DATE 10 June 2 | | ne 89 | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------|---------------------------------------|--------------|----------------|---------------|----------|--|
| INSPECTION NO PULLON - 9 (Right Side) | | AIRCRAFT SERIAL NO 67-15660 | | TOTAL H | OURS THIS A | AREA | | |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION TAKEN | | MAN- HOURS | INITIAL | |
| 9R 2 | (Centinued) | | are Cut, ton and | Replaced | | | MPC | |
| | | | MAC | | | | | |
| | | | | | | | | |
| | | | | | · | | | |
| | | | | | · | | | |
| | A SUPPLEMENTAL SHEET IS USED WHEN SPACE IS NOT AVAILABLE | - | | | | | | |
| | ON CHECKLIST PAGE FOR ALL | | | | | | | |
| | FAULTS OR CORRECTIVE ACTION | | | | | | | |
| | | <u> </u> | | | | | ! | |
| | | | | | | | | |
| | | | | ···· | | | | |
| | | | | | | | | |
| | EXAMPLE | | · · · · · · · · · · · · · · · · · · · | | | | | |
| | EXAMPLE | | | | | | | |
| | | | | | | _ | <u> </u> | |
| | | | | | | | | |
| | | | "FOD REMINDER" | <u> </u> | | | | |
| Check work area for tools and parts after completion of maintenance and inspection | | | | | | | | |

DA Form 4676-R, Dec 84

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

Table 1-1. Signature Sheet

| 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 |

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

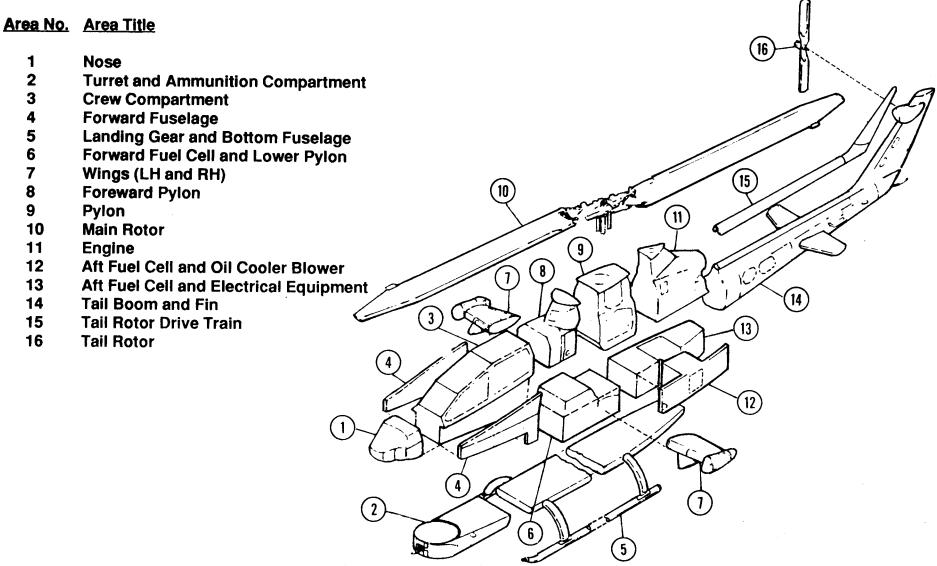


Figure 1-2. Inspection Areas.

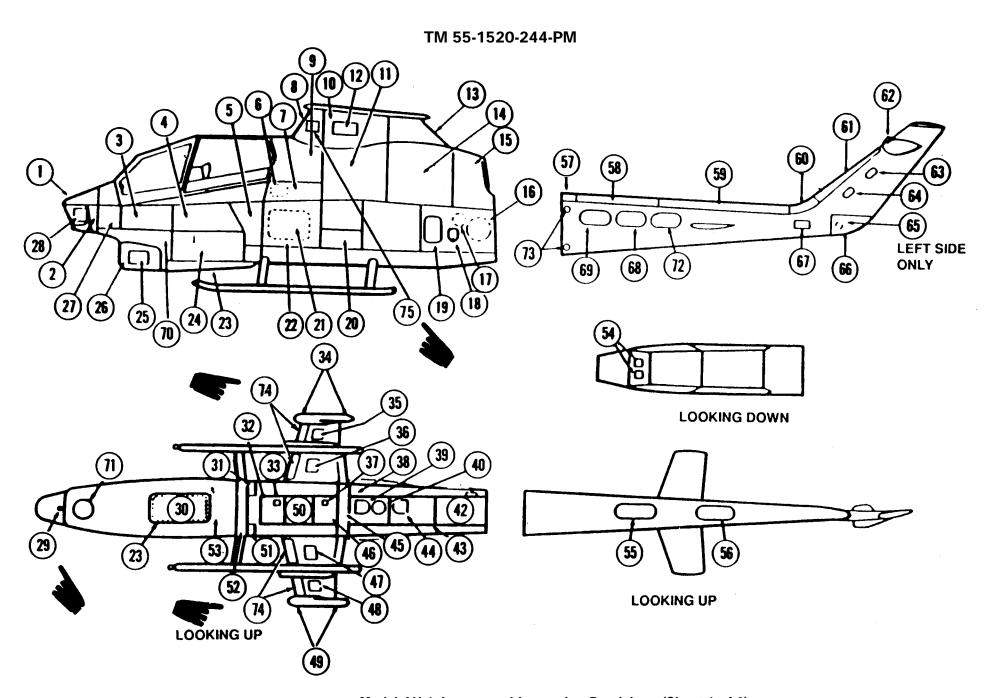


Figure 1-3. Model AH-1 Access and Inspection Provisions (Sheet 1 of 2)

1-11 Change 4

Telescopic Sight Unit Upper Fairing 39. Fuel Sump Drain Door Telescopic Sight Unit Side Fairing (Left and Right) 40. APN 209 Antenna 3. Flight Controls Outer Panel (Left and Right) 41. Jack Opening (LH only) 4. Flight Controls Outer Panel (Left and Right) 42. Antenna and SCAS Control Tube 5. Flight Controls Outer Panel (Left and Right) 43. Electrical Cables Lower Skin Panel 44. Antenna AT 256/A 6. Tow Interface Unit Access Panel (RH Only) 45. Aft Crosstube Supports Fairing Fuel Cell Access Panel Forward Pylon Fairing 46. Aft Fuel Cell Sump Panel Hydraulics Access Door (LH and RH) 47. TOW Hydraulic and Electrical Access Panel (Right) Center Pylon Fairing (LH and RH) 48. TOW Hydraulic and Electrical Access Panel (Right) 49. Pylon Hydraulic and Electrical Access Panel (Right) 11. Transmission Cowl 12. Rotating Controls Access Door (LH and RH) 50. Control Linkages Access Panel Engine Oil Tank Aft Pylon Fairing 51. Avionics Wiring Access Panel (AH-1P) 52. Forward Crosstube Support Fairing Engine Cowl Assembly (LH and RH) 15. Tail Pipe Fairing 53. SCAS Transducer, Hydraulic Lines Access Panel 16. Battery Access Panel (RH only) 54. Armament Turret Access Panel (LH Side) Oil Cooler Access Panel (RH only) 55. Control Linkage Access Door 17. External Power Receptacle Door (LH only) 56. Cooling Fan Access Door 57. Tail Rotor Drive Shaft Forward Cover Oil Cooler Duct Panel (LH only) 58. Tail Rotor Drive Shaft Center Cover 20. Lower Transmission Access Panel (LH and RH) 21. Interface Control Unit Access Panel 59. Tail Rotor Drive Shaft Aft Cover 22. Outer Fuel Cell Panel (Left Access) 60. 42 Degree Gearbox Cover 23. Telescopic Sight Unit Wiring Access Panel 61. Tail Rotor Drive Shaft Cover 62. 90 Degree Gearbox Fairing and Cover 24. Ammunition Compartment Door (LH and RH) 25. Turret Access Door26. Turret Fairing 63. Tail Rotor Control Linkage Access Cover AH-1P Turret Fairing 64. Tail Rotor Control Linkage Access Cover AH-1P 27. Controls Access Panel (LH and RH) 65. Tail Structure and Tail Skid Access Cover (LH only) 66. Tail Structure Fairing Telescopic Sight Outer Fairing (LH and RH) 29: Telescopic Sight Unit Access Plate and Plug 67. Tail Skid Attach Point Access (LH and RH) Avionics, Electronics Equipment and Cooling Fan Door (LH only) 30. Ammunition Compartment Upper Panel 69. Avionics, Electronics Equipment and Cooling Fan Door (LH only) 31. Avionics Wiring Access Panel (AH-1P) 32. Forward Fuel Cell Sump Panel AH-1P) 33. Forward Fuel Drain Panel 70. Rain Removal Valve (LH and RH) 71. Pitot Static Line/Pedal Support Access Panel 34. Pylon Hydraulic and Electrical Access Panel (Left) 72. Avionics, Electronics Equipment and Cooling Fan Door (LH only) 35. TOW Hydraulic and Electrical Access Panel (Left) 73. Tailboom Attaching Fitting Barrel Nut (LH and RH) 36. TOW Hydraulic and Electrical Access Panel (Left) 74. Wing Leading Edge Access Panel (LH and RH) 37. Aft Fuel Cell Drain Cover 38. Control Linkages Access Panel 75. SU-130 Laser Sensor Detectors (LH and RH) (After MWO

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

55-1520-236-50-23)

| ROTOR SMOOTHING RECORD | | | | | | | | | | |
|------------------------|----------------------------|------|---------|--------|------------------------|------------------------------|-----|------|---------|------------------|
| F | RED BLADE SERIAL NUMBER | | | | | WHITE BLADE SERIAL NUMBER | | | | |
| ADJUSTMENT NUMBER | TAB BEHIAL | ROLL | BALANCE | EFFECT | AD III STMENT NI IMBED | | TAB | ROLL | BALANCE | EFFECT |
| 1 | | | | | | 1 | | | | |
| 2 | | | | | | 2 | | | | |
| 3 | | | | | | 3 | | | | |
| 4 | | | | | | 4 | | | | |
| 5 | | | | | | 5 | | | | |
| | | | · | | | | | | | |
| | | | | į | REMAI | RKS | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | _ | PILOTS SIGNATURE |

Figure 1-4. Rotor Smoothing Record

SECTION II - 25 HOUR INSPECTION

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET) (For use of this form, see DA Pamphiet 738-751, the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG) | | | | | TM i) | | DATE | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|--------------------------------------|----------------------|----------------------------------------------------------|----------------|-----------------------------------------|-----------------------|---------|--|
| INSPECTA 1 (25 HOU | SPECTION NO AREA NAME AND NUMBER 25 HOUR) General | | AIRCRAFT SERIAL NO | AIRCRAFT SERIAL NO | | | TOTAL HOURS THIS AREA | | |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | | STATUS | FAULTS AND/OR REMARKS | ACTION TA | KEN | MAN- HOURS | INITIAL | |
| 1. | Engine oil sample. Aircraft without ODDS. | | | | | | | | |
| 2. | Transmi without | ission oil sample. Aircraft ODDS. | | | | | | | |
| 3. | 42° gea | rbox oil sample. | | | | | | | |
| 4. | 90° gearbox oil sample. | | | | | | | | |
| 5 . | #1 hydraulic oil sample. | | | | | | | | |
| 6. | #2 hydra | aulic oil sample. | | | | | | | |
| 7. | #3 hydra | aulic oil sample. | | | | *************************************** | | | |
| 8. | Swashp | late grease sample. | | | | | | | |
| 9. | Scissors and sleeve grease sample. | | | | | | | | |
| 10. | Inspect transmission chip detector. Aircraft without ODDS. | | | | | | | | |
| | | Check wo | ork area for tools a | "FOD REMINDER" and parts after completion of maintenance | and inspection | | | | |

DA Form 4676-R, Dec 84

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET) (For use of this form, see DA Pamphiet 738-751, the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG) | | | | | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------|-------------------|------------------------------------------------------------|---------------|-----|---------------------|---------|--|
| INSPECTION 1 (25 HOUR | | AREA NAME AND NUMBER General | | AIRCRAFT SERIAL NO TOTA | | | TAL HOURS THIS AREA | | |
| AREA AND INSP REQ NO | I.P | INSPECTION REQUIREMENTS | | FAULTS AND/OR REMARKS | ACTION TA | KEN | MAN- HOURS | INITIAL | |
| 11. | Inspect | 42° gearbox chip detector. | | | | | | | |
| 12. | Inspect | 90° gearbox chip detector. | | | | | | · | |
| 13. | Deleted | ı | | | 4.000 | | | | |
| 14. | Deleted | I | | | | | | | |
| 15. | Inspect 42° gearbox filler cap vent. | | | | | | | | |
| 16. | Inspect 90° gearbox filler cap vent. | | | | | | | | |
| 17. | Inspect tail rotor and elevator control tubes and guides. | | | 14.00 | | | | | |
| 18. | Inspect K747 blade erosion guards. | | | | 1-21-21-21-21 | | | | |
| 18.1 | Aircraft equipped with ODDS, inspect engine chip detector. | | | | | | | | |
| 19. | Check swashplate contact. | | | | | | | | |
| 20. | Inspect | scissors and sleeve. | | | | | | | |
| | | Check wo | rk area for tools | "FOD REMINDER" and parts after completion of maintenance a | nd Inspection | | | | |

DA Form 4676-R, Dec 84

| | | NAME TO A STATE OF THE PARTY OF | A.C. 10- A.I. | 1 IVI 55-1520-244-PIVI | 10-11- | | , | | | | |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------------------------------------------------------|---------------|-----------------|---------------|--------|--|--|--|
| | MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET) For use of this form, see DA Pamphiet 738-751, the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG) NSPECTION NO AREA NAME AND NUMBER AIRCRAFT SERIAL NO TOTAL HOURS THIS AREA | | | | | | | | | | |
| INSPECTI 1 (25 HOU | | AREA NAME AND NUMBER General | AIRCRAFT SERIAL NO | | | TOTAL HOURS THE | | VREA | | | |
| AREA AND INSP REQ NO | • | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION TA | KEN | MAN- HOURS | RETIAL | | | |
| 20.1 | 20.1 Inspect elastomeric pitch change rod end bearings. | | | | | | | | | | |
| 21. Inspect main rotor feather bearing. | | | | | 171 | | | | | | |
| 21.1 | Inspect | t main rotor pitch horn bushing. | | | | | | | | | |
| 22 . | P22. Retorque alternator V-band clamp. | | | | | | | | | | |
| 22.1 | checks | n maintenance operational (MOC) IAW -1500-328-23 | | | | | | | | | |
| 22.2 | new ap lished: have be | DA PAM 25-30 to determine if oplicable MWOs have been pubcheck that all URGENT MWOs een applied to the equipment and I NORMAL MWOs have been alled. | | | | | | | | | |
| 22.3 | Check | 2408-18 for inspections due. | | | | | | | | | |
| | i: | | | | | | | | | | |
| | | | | | | | | | | | |
| | | Check worl | carea for too | "FOD REMINDER" is and parts after completion of maintenance ar | nd inspection | | | | | | |

| (For use of this | MAINTENANCE INSPECTION CHEC form, see DA Pamphlet 738-751; the proponent | KLIST (SUPPLE agency is Deput | MENTAL SHEET) Chief of Staff for Logistics (DCSLOG).) | TM | C | ATE | | | | | | |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------|-------|-----------------------|---------------|---------|--|--|--|--|--|
| INSPECTION I 1 (25 Hour) | | | AIRCRAFT SERIAL NO. | | TOTAL HOURS THIS AREA | | | | | | | |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTIO | ON TAKEN | MAN- HOURS | INITIAL | | | | | |
| 22.4 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) | | | | | | | | | | | |
| | "FOD REMINDER" Check work area for tools and parts after completion of maintenance and inspection | | | | | | | | | | | |

| - | MAINTENANCE INSPECTION CHECKL use of this form, see DA Pamphlet 738-751, the proponent ag | LIST (S | Deputy Chief of Stall for Logistics (DCSLOG). | TM | DATE | | | | | |
|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------------------------------------|--------------|---------------|---------|--|--|--|--|
| INSPECTION NO 1 (25 Hour) | O AREA NAME AND NUMBER | | AIRCRAFT SERIAL NO. | ■ TOTAL H | OURS THIS | AREA | | | | |
| 1 (23 Hour) | General | | | | | | | | | |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATU | S 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 | | | | | | | | | | |

| (For use | MAINTENANCE INSPECTION CHECKLe of this form, see DA Pamphlet 738-751; the proponent a | LIST (SUPPLE agency is Deputy | MENTAL SHEET) Chief of Stall for Logistics (DCSLOG).) | TM | | DATE | | | |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------|---------------|---------|-----------------------|--|--|--|
| IINSPECTION 1 (25 Hour) | | | 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) 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) TSU (with LAAT) 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) | | | | | | | | |
| | Check work | area for tools and | "FOD REMINDER" I parts after completion of maintenance and ir | nspection | | <u> </u> | | | |

| (For use | MAINTENANCE INSPECTION CHECKLI e of this form, see DA Pamphlet 738-751; the proponent ag | ST (SUP Jency is De | PLEMENTAL SHEET) puty Chief of Stall for Logistics (DCSLOG).) | ТМ | | DATE | | | | |
|----------------------------|---------------------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------|------|--------------|----------|------|--|--|--|
| INSPECTION 1 (25 Hour) | AREA NAME AND NUMBER Armament | | AIRCRAFT SERIAL NO | | TOTAL HO | urs this | AREA | | | |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTI | ACTION TAKEN | | | | | |
| 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) | | | | | - | | | | |
| | | | | | | | | | | |
| 29. | AH-1E/P/S | | | | | | | | | |
| | PSI Ensure that indicator glass is not cracked or broken and that mois- | | | | | | | | | |
| | ture is not visible inside glass. En- | | | | | | | | | |
| | sure connector is securely attached. | | | | | | | | | |
| | Check mounting bracket for firm support. (TM 9-1425-473-20) | | | | | | | | | |
| | port. (1W 5 1426 476 26) | | | | | | | | | |
| | | | | | | - | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | - | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | "FOD REMINDER" Check work area for tools and parts after completion of maintenance and inspection | | | | | | | | | |

| (For use | of the | MAINTENANCE INSPECTION CHECKLI nis form, see DA Pamphlet 738-751; the proponent ag | ST (SUP) ency is Dep | PLEMENTAL SHEET) outy Chief of Stall for Logistics (DCSLOG).) | TM | | DATE | | | | |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------|---------------------------------------------------------------|-------|----------|---------------|---------|--|--|--|
| INSPECTION 1 (25 Hour) | | AREA NAME AND NUMBER Armament | | AIRCRAFT SERIAL NO | | TOTAL H | OURS THIS A | AREA | | | |
| AREA AND INSP REQ NO | | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTIO | ON TAKEN | MAN- HOURS | INITIAL | | | |
| 30. | 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) | | | | | | | | | | |
| | (| ure is not visible inside of glass. MODE SELECT switch to be set to DFF). (TM 9-1425-473-20) | | "FOD REMINDER" | | | | | | | |
| | "FOD REMINDER" Check work area for tools and pane after completion of maintenance and inspection | | | | | | | | | | |

| (For use | MAINTENANCE INSPECTION CHECKLI se of this form, sea DA Pamphlet 738-751; the proponent ag | ST (SUPI | PLEMENTAL SHEET) puty Chief of Stall for Logistics (DCSLOG).) | TM | | DATE | | | | | | |
|----------------------------|----------------------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------|--------------------------------------------------|----------------|----------------|--------------------------------------------------|--|--|--|--|--|
| INSPECTION 1 (25 Hour) | | | AIRCRAFT SERIAL NO | | TOTAL HOURS TH | | AREA | | | | | |
| AREA AND INSP REQ NO | | STATUS | FAULTS AND/OR REMARKS | ACTI | ON TAKEN | MAN- HOURS | INITIAL | | | | | |
| 32. | EPS Ensure that indicator glass | | | | | | | | | | | |
| ! | is not cracked or broken and that moisture is not visible inside of glass. | <u></u> ' | | <u> </u> | | | | | | | | |
| j , | Ensure that filter vent is free of | <u> </u> ' | | | | ' | ' | | | | | |
| | foreign objects. Ensure connectors are securely attached. (TM 9-1425- | <u> </u> | | | | -' | <u> </u> | | | | | |
| j j | 473-20) | <u> </u> | | | | + | | | | | | |
| j j | | | | | | - | | | | | | |
| 33. | SCA Ensure that indicator glass | | <u>-</u> | | | | | | | | | |
| 1 1 | 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. | | | | | | | | | | | |
| j j | (TM 9-1425-473-20) | | | | | ' | | | | | | |
| 34. | MCA Ensure that indicator glass | | | <u> </u> | | | <u> </u> | | | | | |
| ŭ | is not cracked or broken and that | <u> </u> | | <u> </u> | | ' | <u> </u> | | | | | |
| 1 1 | moisture is not visible inside of glass. | - | - | | | | | | | | | |
| 1 1 | Ensure connectors are securely attached. (TM 9-1425-473-20) | <u> </u> | | | | + | | | | | | |
| 1 1 | tached. (111 5 1 125 17 5 25) | <u> </u> | | | | + | | | | | | |
| 1 1 | | | | | | | | | | | | |
| 1 1 | | | | | | + | | | | | | |
| | | | | <u> </u> | | | <u> </u> | | | | | |
| | "FOD REMINDER" Check work area for tools and parts after completion of maintenance and inspection | | | | | | | | | | | |

| (For use | MAINTENANCE INSPECTION CHECKL e of this form, see DA Pamphlet 738-751; the proponent | IST (SUPP agency is Dep | LEMENTAL SHEET) uty Chief of Stall for Logistics (DCSLOG).) | TM | | DATE | | | | | |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------|--------------|---------|---------------|---------|--|--|--|--|
| INSPECTION 1 (25 Hour) | | | AIRCRAFT SERIAL NO | | TOTAL H | OURS THIS I | AREA | | | | |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION TAKEN | | MAN- HOURS | INITIAL | | | | |
| 35. 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 Iug assemblies. Apply lubricant to TML harness connector. (TM 9-1425-473-20) EER Ensure that self locking swing bolts are free from binding. Ensure that guide pins are secure and not bent of broken. (TM 9-1425- | | | | | | | | | | |
| | 473-20) | | | | | | | | | | |
| | "FOD REMINDER" Check work area for tools and parts after completion of maintenance and inspection | | | | | | | | | | |

| (| MAINTENANCE INSPECTION CHECKI (For use of this form, see DA Pamphlet 738-751; the propone | | | ТМ | | DATE | |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------|--------------|-------|---------------|---------|
| INSPECTION 1 (25 Hour) | | | AIRCRAFT SERIAL NO | NO TOTAL HOL | | JRS 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) AH-1 P/S DELINKING FEEDER MAU-56/A 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) | | | | | | |
| | Check w | ork area for | "FOD REMINDER' tools and parts after completion of maintenance and | I inspection | | 1 | |

| (For use of th | MAINTENANCE INSPECTION CHECKLIST IN See DA pamphlet 738-751; the proponent ag | TM | | DATE | | | |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------------|---------------------|----------|----------------|---------|
| INSPECTION 1 (25 Hour) | AREA NAME AND NUMBER | | AIRCRAFT SERIAL NO. | | TOTAL HO | OURS THIS AREA | |
| AREA AND INSP REQ No | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION TAKEN | | MAN- HOURS | INITIAL |
| 39. | REFLEX SIGHT M73 AH-IE/P/S Inspect reflex sight for damaged components. Check beamsplitter for freedom of movement. Inspect electrical cables for | | | | | | |
| 40. | damage. (TM 9-1090-203 Series) ELECTRICAL CABLES (TURRET AREA, AMMUNITION COMPARTMENT AREAS) AH-1P/S 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. | AH-1F HUD (M76) 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 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). | | | | | | |
| | Check work | area for too | "FOD REMINDER" | ance and inspection | • | | |

| (For use of this f | IAINTENA orm, see DA | NCE INSPECTION CHECKLIS Pamphlet 738-751, the proponent ager | T (SUPPLE icy is Deputy (| MENTAL S Chief of Staff (| SHEET) for Logistics (DCSLOG). | ТМ | | DATE | - |
|----------------------------|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|-----------------------------------|---------------|-------------|---------------|---------|
| INSPECTION | ON NO | AREA NAME AND | NUMBER | | AIRCRAFT | SERIAL NO. | TOTAL F | OURS TH | IS AREA |
| 1 (25 H | our) | Armamen | t | | | | | | |
| AREA AND INSP REQ NO | INSPI | INSPECTION REQUIREMENTS | | FAULTS A | AND/OR REMARKS | ACTION TAK | EN | 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. | M134 AH or missin cuts or fra | 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. | GRENAD Inspect for parts. Us cycle the | DE LAUNCHER, M129 AH-1P/S. or cracked, dented, or loose ing dummy ammo, manually grenade launcher through one ocycle. (A definite effort is | | | | | | | |
| | required Check to moves fr | to cock and fire the launcher.) see that feed slide assembly eely. Clean and lubricate the . (TM 9-1090-203 Series) | | | | | | : | |
| 47. | AH-1P/S | C BRAKE TRANSDUCER Test the dynamic brake trans- accordance with TM 9-1090-203 | | | | | | | |
| | | Check work area | | FOD REMI parts after cor | NDER" npletion of maintenance a | nd inspection | | • | |

| (For a | MAINTENANCE INSPECTION CHECKI use of this form, see DA Pamphlet 738-751, the proponen | | | TM | | DATE | | | | | |
|-----------------------------|----------------------------------------------------------------------------------------------------|--------|--------------------------|----------------------------------------|----------|-----------------|---------|--|--|--|--|
| INSPECTION N 2 (50 Hour) | O AREA NAME AND NUMBER Armameni | | AIRCRAFT SERIAL NO TOTAL | | TOTAL HO | HOURS THIS AREA | | | | | |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | FAULTS AND/OR REMARKS ACTION TAKEN | | | INITIAL | | | | |
| 48. | AIM-1/EXL AH-1F. Check AIM-1/EXL aiming light and adapter for security and cleanliness. | | | | | · | | | | | |
| | Perform system functional check. (TM 9–1090–203) | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | ************************************** | | | | | | | |
| | | | | | | - | | | | | |
| | | | | | | | | | | | |
| 1 | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| } ! | | | | | | | | | | | |
| } | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 1 | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | "FOD REMINDER" Check work area for tools and parts after completion of maintenance and inspection | | | | | | | | | | |

Signature Sheet (25 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 |

SECTION III - 50 HOUR INSPECTION

| (For use of | this form | MAINTENANCE INSPECTION CHE , see DA Pamphlet 738-751, the propo | CKLIST (SUPPL | EMENTAL SHEET) Deputy Chief of Staff for Logistics (DCSLOG | TM | | DATE | |
|----------------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------------------------------------------------------|----------------|-------|---------------|---------|
| INSPECTA 2 (50 HOU | | AREA NAME AND NUMBER General | | AIRCRAFT SERIAL NO | | TOTAL | IOURS THIS A | REA |
| AREA AND INSP REQ NO | н | NSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION TA | AKEN | MAN- HOURS | INITIAL |
| 1. | new ap publish MWOs equipm | DA PAM 25-30 to determine if plicable MWOs have been ed: check that all URGENT have been applied to the lent and that all NORMAL have been scheduled. | | | | | | |
| 2. | Check | 2408-18 for inspections due. | | | | | | |
| 3. | els for g | avionic control heads and pan- general condition, loose knobs, oper operation of switches. | | | | | | |
| 4. | Engine ODDS. | oil sample. Aircraft without | | | | | | |
| 5. | Transm without | ission oil sample. Aircraft ODDS. | | | | | | |
| 6 . | 42° gea | urbox oil sample. | | | | | | |
| 7. | 90° gea | urbox oil sample. | | | | | | |
| | | Check wor | k area for tools | "FOD REMINDER" and parts after completion of maintenance | and inspection | | | |

| (For use of | this form | MAINTENANCE INSPECTION CHE , see DA Pamphlet 738-751, the propo | LEMENTAL SHEET) Deputy Chief of Staff for Logistics (DCSLOG) | TM DATE | | | | |
|----------------------------|---------------------|--------------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------------|---------------|-----------------------|---------------|---------|
| INSPECTION 2 (50 HOU | | AREA NAME AND NUMBER General | AIRCRAFT SERIAL NO | | | TOTAL HOURS THIS AREA | | |
| AREA AND INSP REQ NO | ı | NSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION TA | KEN | MAN- HOURS | INITIAL |
| 8. | #1 hydi | raulic oil sample. | | | | | | |
| 9. | #2 hyd | raulic oil sample. | | | | | | |
| 10. | #3 hyd | raulic oil sample. | | | | | | |
| 11. | Swash | plate grease sample. | | | | | | - |
| 12. | Scisso | rs and sleeve grease sample. | | | | | | |
| 13. | Inspect Aircraft | transmission chip detector. without ODDS. | | | | | | |
| 14. | Inspect | 42° gearbox chip detector. | | | | | | |
| 15. | Inspect | 90° gearbox chip detector. | | | | | | |
| 16. | Delete | i i | | | | | | |
| 17. | Delete | d | | | | | | |
| | <u> </u> | | | "FOR REMINISTRY | | | | |
| | | Check wo | rk area for tools | "FOD REMINDER" and parts after completion of maintenance a | nd inspection | | | |

| (For use of | f this form | MAINTENANCE INSPECTION CHE , see DA Pamphlet 738-751, the propo | CKLIST (SUPPL | EMENTAL SHEET) deputy Chief of Staff for Logistics (DCSLOG | TM | | DATE | |
|----------------------------|-------------|--------------------------------------------------------------------|-------------------|---------------------------------------------------------------|----------------|----------------------|---------------|---------|
| INSPECTA 2 (50 HOU | | AREA NAME AND NUMBER General | | AIRCRAFT SERIAL NO | | TOTAL HOURS THIS ARE | | |
| AREA AND INSP REQ NO | | NSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION TA | KEN | MAN- HOURS | INITIAL |
| 17.1 | | equipped with ODDS, inspect chip detector. | | | | | | |
| 18. | Inspect | 42° gearbox filler cap vent. | | | | | | - |
| 19. | Inspect | 90° gearbox filler cap vent. | | | | | | |
| 20. | | tail rotor and elevator control and guides. | | | | | | |
| 21. | Inspect | K747 blade erosion guards. | | | | | | |
| 22. | Check | swashplate contact. | | | | | | |
| 23. | Inspect | scissors and sleeve. | | | | | | |
| 23.1 | Inspect | elastomeric pitch change rod arings. | | | | | | |
| 24. | Inspect | main rotor feather bearing. | | | | | | |
| 24.1 C | Retorqu | ue alternator V-band clamp. | | | | | | |
| | L | Check wo | rk area for tools | "FOD REMINDER" and parts after completion of maintenance | and inspection | <u>_</u> | | |

| (For use of this f | MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET or use of this form, see DA Pamphlet 738-751, the proponent agency is Deputy Chief of Staff for L | | | | | ТМ | | DATE | |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-------------------|------------------------------|-------------------------------------|---------------|-----------------|---------------|---------|
| INSPECTIO 2 (50 Ho | | AREA NAME AND I | NUMBER AIRCRAFT S | | SERIAL NO. | TOTAL | HOURS THIS AREA | | |
| AREA AND INSP REQ NO | INSPI | INSPECTION REQUIREMENTS | | FAULTS A | AND/OR REMARKS | ACTION TAKEN | | MAN- HOURS | INITIAL |
| 24.2 | Perform maintenance operational checks (MOC) IAW TM 1-1500-328-23. | | | | | | | | |
| 24.3 C | | | | | | | | | |
| left and right sides). Inspect for dirty, | | | | | | | | | |
| | window. I | Inspect for loose or missing head assembly. (TM | | | | | | | |
| 24.4 | M89 FEE | DER AH-1E/F | | | | | | | |
| | | nble, clean, inspect, and lubri- f 9-1090-206 Series) | | | | | <u>,</u> | | |
| 24.5 | | ANNON AH-1E/F Disassemble, spect, and lubricate. Manually | | | | | | | |
| | cycle six | linked rounds of dummy ammo the M89 feeder to the cannon. | | | | | | | |
| | | 99-206 Series). | | | | | | | |
| | <u> </u> | | | <u> </u> | | | | | |
| | | Check work area | | FOD REMINION PARTS After com | NDER" npletion of maintenance an | nd inspection | | | |

DA Form 4676-R, Dec 84

3-4.1/(3-4.2 blank) Change 8

| (For use | MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET) (For use of this form, see DA Pamphlet 736-751; rhe proponent agency is Deputy Chief of Stall for Logistics (DCSLOG).) | | | | | | | | | |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------------------|-------|-----------|---------|------|--|--|--|
| INSPECTION 2 (50 Hour | NO AREA NAME AND NUMBER (r) Armament | | AIRCRAFT SERIAL NO | | TOTAL HOU | RS THIS | AREA | | | |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTIO | ON TAKEN | 1 | | | | |
| 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. | | | | | | | | | |
| 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) | | | | | | | | | |
| 27. | , | | | | | | | | | |
| | pairs 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) | | | | | | | | | |
| | "FOD REMINDER" Check work area for tools and parts after completion of maintenance and inspection | | | | | | | | | |

| (For use | MAINTENANCE INSPECTION CHECKI se of this form, see DA Pamphlet 736-751; the proponent | LIST (SUP) | PLEMENTAL SHEET) eputy Chief of Stall for Logistics (DCSLOG).) | ТМ | | DATE | |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------------------------------------------------------|-------|----------|---------------|---------|
| INSPECTION | N NO AREA NAME AND NUMBER Armament | | AIRCRAFT SERIAL NO | | TOTAL HO | OURS THIS A | AREA |
| AREA AND INSP REQ NO | | STATUS | FAULTS AND/OR REMARKS | ACTIO | ON TAKEN | MAN- HOURS | INITIAL |
| 28. | TSU (with LAAT) 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) 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) | | | | | | |
| | Check work | area for tool: | "FOD REMINDER" s and parts alter completion of maintenance and inspec | ction | | | |

| (For use | MAINTENANCE INSPECTION CHECKL of this form, see DA Pamphlet 736-751; the proponent agen | LIST (SUP | PLEMENTAL SHEET) Chief of Stall for Logistics (DCSLOG).) | ТМ | | DATE | |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------------------------------------|---------|--------------|-----------|---------|
| INSPECTIO 2 (50 Hour | | | AIRCRAFT SERIAL NO | | TOTAL HOU | RS THIS / | AREA |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION | ACTION TAKEN | | INITIAL |
| 30. | AH1-E/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) AH-1S 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) | | | | | | |
| | | | | | | | |
| | Check work a | area for tool | "FOD REMINDER" s and parts alter completion of maintenance and ins | pection | | | |

| (For use | MAINTENANCE INSPECTION CHECKL e of this term, see DA Pamphlet 736-751; the proponent a | IST (SUPF agency is De | PLEMENTAL SHEET) puty Chief of Stall for Logistics (DCSLOG).) | ТМ | | DATE | |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-----------------------------------------------------------------|----------------------------|------------|----------------|---------|
| INSPECTION 2 (50 Hour) | | | AIRCRAFT SERIAL NO | AIRCRAFT SERIAL NO TOTAL H | | OURS THIS AREA | |
| IREA AND NSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | AC ⁻ | TION 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) 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) | | | | | | |
| | Check work a | area for tools | "FOD REMINDER" and parts after completion of maintenance and in | spection | | - | |

| (For use | MAINTENANCE INSPECTION CHECKLI e of this form, see DA Pamphlet 736-751; the proponent a | ST (SUP gency is De | PLEMENTAL SHEET) eputy Chief of Stall for Logistics (DCSLOG).) | TM | | DATE | |
|---------------------------------------|--------------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------|---------|----------|---------------|----------|
| INSPECTION 2 (50 Hour) | N NO AREA NAME AND NUMBER Armament | | AIRCRAFT SERIAL NO | - | TOTAL HO | URS THIS | AREA |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTI | ON TAKEN | MAN- HOURS | INITIAL |
| 34. | SCA Ensure that indicator glass | | | | | | |
| | is not cracked or broken and that moisture is not visible inside of glass. | | | | | | |
| | 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) | | | | | | |
| 35. | MCA Ensure that indicator glass | | | | | | |
| 00. | is not cracked or broken and that | | | | | | |
| | moisture is not visible inside of glass. | | | | | | |
| | Ensure connectors are securely at- | | | | | | |
| | tached. (TM 9-1425-473-20) | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | <u> </u> | <u> </u> |
| | Check work a | rea for took | "FOD REMINDER" c and parts after completion of maintenance and ins | pection | | | |

| (For use | MAINTENANCE INSPECTION CHECKLI e of this form, see DA Pamphlet 736-751; the proponent agency is | ST (SUP) s Deputy Chi | PLEMENTAL SHEET) ef of Stall for Logistics (DCSLOG).) | ТМ | | DATE | |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------------------------------------------------|----------------------|----------|---------------------|---------|
| INSPECTION 2(50 Hour) | | | AIRCRAFT SERIAL NO | AIRCRAFT SERIAL NO T | | TAL HOURS THIS AREA | |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTI | ON TAKEN | MAN- HOURS | INITIAL |
| 36. 37. | 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) 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) | | | | | | |
| | | | | | | | |
| | Check work a | rea for tools | "FOD REMINDER" and parts after completion of maintenance and insp | pection | | | |

| (1 | MAINTENANCE INSPECTION CHECKL For use of this form, see DA Pamphlet 738-751; the proponent a | | | TM | | DATE | | | | | |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------------------|--------|-----------|---------------|---------|--|--|--|--|
| INSPECTION 2 (50 Hour) | | | AIRCRAFT SERIAL NO | | TOTAL HOU | JRS THIS A | 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) AH-1 P/S DELINKING FEEDER MAU-56/A 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) | | | | | | | | | | |
| | "FOD REMINDER" Check work area for tools and parts after completion of maintenance and inspection | | | | | | | | | | |

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET) (For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Stall for Logistics (DCSLOG).) | | | | | DATE | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------------------------------------------------------------|---------------|----------|-----------------------|---------|
| INSPECTION N 2 (50 Hour) | | | | | TOTAL HO | TOTAL HOURS THIS AREA | |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION | TAKEN | MAN- HOURS | INITIAL |
| 40. 41. 42. | AH-1E/P/S REFLEX SIGHT M73 Inspect reflex sight for damaged components. Check beamsplitter for freedom of movement. Inspect electrical cables for damage. (TM 9-1090-203/206) AH-1P/S FLEXIBLE SHAFT ASSEMBLY (TURRET AREA) 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) AH-1F HUD (M76) Set HUDS PWR switch to STBY. SP fan should run and be audible. (TM 9-1270-220-23&P) | | | | | | |
| | | | | | | | |
| | Check w | vork area for | "FOD REMINDER" r tools and parts after completion of maintenance ar | nd inspection | | | |

| (| MAINTENANCE INSPECTION CHECKL For use of this form, see DA Pamphlet 738-751; the proponer | ТМ | | DATE | | | |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------------------------------------------|----------|-----------|---------------|---------|
| | INSPECTION NO AREA NAME AND NUMBER 2 (50 Hour) Armament | | AIRCRAFT SERIAL NO | | TOTAL HOL | IRS THIS A | ∖REA |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION | TAKEN | MAN- HOURS | INITIAL |
| 43. 44. 45. | INTERVALOMETERS (FUSELAGE AND ENGINE AREA, LEFT AND RIGHT SIDES (P/S) 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) RECOIL ADAPTER (E/F) Perform recoil adapter preload check. (TM 9-1090-206 Series) 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). | | | | | | |
| | | | | | | | |
| | Check | work area | "FOD REMINDER" a after completion of maintenance and in | spection | | | |

| (For u | MAINTENANCE INSPECTION CHECKL use of this form, see DA Pamphlet 738-751, the proponent | | | ТМ | | DATE | |
|-------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------|---------------|----------|---------------|---------|
| INSPECTION NO 2(50 HOUR) AREA NAME AND NUMBER General | | | AIRCRAFT SERIAL NO. | | TOTAL HC | OURS THIS | AREA |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION | I TAKEN | MAN- HOURS | INITIAL |
| 46. | GRENADE LAUNCHER, M129 (P/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 | | | | | | |
| 77. | AH-1P/S | | | | | | |
| | Test the dynamic brake transducer in | | | | | | |
| | accordance with TM 9-1090-203 Series. | | | | | | |
| | | | | | | | |
| 48. | Deleted. | | | | _ | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| <u>L</u> | _ | J. | | 1 | | <u> </u> | 1 |
| | Check w | ork area for to | "FOD REMINDER" ools and parts after completion of maintenance ar | nd inspection | | | |

| (For use o | MAINTENANCE INSPECTION CHECKI f this form, see DA Pamphlet 738-751, the proponent | LIST (SUP | PPLEMENTAL SHEET) eputy Chief of Stall for Logistics (DCSLOG). | TM | | DATE | |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------------------------------------------------|---------------|----------|---------------|---------|
| | INSPECTION NO 2(50 HOUR) AREA NAME AND NUMBER General | | AIRCRAFT SERIAL NO. | | TOTAL HO | URS THIS / | AREA |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION | TAKEN | MAN- HOURS | INITIAL |
| 49. | Deleted. | | | | | | |
| | ELEVATION DRIVE CLUTCH AH- 1E/F 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) | | | | | | |
| | Check work | area for too | "FOD REMINDER" ols and parts after completion of maintenance a | nd inspection | | | |

| (F | MAINTENANCE INSPECTION CHECKL For use of this form, see DA Pamphlet 738-751, the proponent a | TM | | DATE | | | |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------|-----------------------|-------|---------------|---------|
| | INSPECTION NO AREA NAME AND NUMBER AIRCRAFT SERIAL NO 2 (50 Hour) Armament | | | TOTAL HOURS THIS AREA | | AREA | |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION | TAKEN | MAN- HOURS | INITIAL |
| 51. 52. 53. | RECOIL ADAPTER AH-1 E/F 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 dam- aged threads. Check housing for elongated mounting holes, cracked, and damaged threads, if defective replace. (TM 9-1090- 206 Series) TURRET ASSEMBLY Lubricate assembly. (TM 9-1090-206 Series) AMMUNITION FEED SYSTEM AH-1 E/F Clean and lubricate assembly (TM 9-1090- 206) GUN DRIVE ASSEMBLY AH-1 E/F Clean and lubricate assembly (TM 9-1090- 206) | | | | | | |
| | | | | | | | |
| | Check w | ork area for | "FOD REMINDER" tools and parts after completion of maintenance an | nd inspection | | | |

| (| MAINTENANCE INSPECTION CHECKL For use of this form, see DA Pamphlet 738-751, the proponent a | TM | | DATE | | | | | |
|------------------------------|---------------------------------------------------------------------------------------------------------|--------|-----------------------|--------|----------|--------------|---------|--|--|
| INSPECTION NO 2 (50 Hour) | PECTION NO AREA NAME AND NUMBER 2 (50 Hour) Armmament | | | | ТОТА НОЦ | IRS THIS A | REA | | |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION | TAKEN | MAN HOURS | INITIAL | | |
| 55. | ROCKET LAUNCHER AH-1 E/F Inspect and check alignment (TM 9-1090-203) | | | | | | | | |
| 56. | GUN DRIVE ASSEMBLY, M129 (40MM) AH-1 P/S Clean and lubricate assembly (TM 9-1090- 203) | | | | | | | | |
| 57. | FLEXIBLE DRIVE SHAFT, M129 (40MM) AH-1 P/S Inspect and lubricate. (TM 9-1090-203) | | | | | | | | |
| 58. | ELECTRICAL CABLES (TURRET AND AMMUNITION COMPARTMENT) AH-1 P/S Inspect in accordance with TM 9-1090-203 | | | | | | | | |
| 59. | MACHINE GUN, M134 AH-1 P/S Clean, inspect, and lubricate. (TM 9-1090- 203) | | | | | | | | |
| 60. | Quick check boresight. (TM 9-1090-203) | | | | | | | | |
| | "FOD REMINDER" Check work area for tools and parts after completion of maintenance and inspection | | | | | | | | |

| (Fc | MAINTENANCE INSPECTION CHECK or use of this form, see Pamphlet 738-751, the proponent | LIST (SUP | | TM | | DATE | |
|----------------------------|---------------------------------------------------------------------------------------|--------------|----------------------------------------------------------------------|----------------|-------|---------------|---------|
| INSPECTION 2 (50 Hour) | | | TOTAL HO | UURS THIS AREA | | | |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION | TAKEN | MAN- HOURS | INITIAL |
| 61. | AIM-1/EXL AH-1F. | | | | | | |
| | Check boresight of AIM-1/EXL | <u> </u> | | | | | |
| | aiming light. (TM 9-1090-203 | | | | | | |
| | Series) | | + | | | _ | |
| 62. | Perform system functional check. | | | | | | |
| | (TM 9-1090-203 Series) | | | | | | |
| 63. | Perform maintenance operational | | | | | | |
| 03. | checks. (MOC) IAW TM 1-1500- | | | | | | |
| | | | | | | | |
| | 320-23 | <u> </u> | | | | | |
| | | <u> </u> | <u> </u> | | | | |
| | | | - | | | | |
| | | | + | | | _ | |
| | | | † | | | | |
| | | | † | | | | |
| | | | 1 | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | Check | work area fo | "FOD REMINDER" or tools and parts after completion of maintenance ar | nd inspection | | | |

Signature Sheet (50 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 |

SECTION IV-75 HOUR INSPECTION

| MAINTENANCE INSPECTION CHE (For use of this form, see DA Pamphiet 738-751, the propo | | (For use of this form, see DA Pamphie | | IECKLIST (SUPPL onent agency is D | EMENTAL SHEET) eputy Chief of Staff for Logistics (DCSLOG) | TM | | DATE | |
|-----------------------------------------------------------------------------------------|---------------------|-------------------------------------------|--------|--------------------------------------|------------------------------------------------------------|-----|---------------|---------|--|
| INSPECTION NO AREA NAME AND NUMBER 3 (75 HOUR) General | | ER AIRCRAFT SERIAL NO | | TOTAL HOURS | | | REA | | |
| AREA AND INSP REQ NO | | NSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS ACTION TAKEN | | KEN | MAN- HOURS | INITIAL | |
| 1. | Engine ODDS. | oil sample. Aircraft without | | | | | | | |
| 2. | | nission oil sample. Aircraft ODDS. | | | | | | | |
| 3 . | 42° gea | arbox oil sample. | | | | | | | |
| 4. | 90° gea | arbox oil sample. | | | | | | | |
| 5 . | #1 hydi | aulic oil sample. | | | | | | | |
| 6 . | #2 hydi | raulic oil sample. | | | | | | | |
| 7. | #3 hydi | raulic oil sample. | | | | | | | |
| 8. | Swash | olate grease sample. | | | | | | **** | |
| 9. | Scissor | rs and sleeve grease sample. | | | | | | | |
| 10. | Inspect Aircraft | transmission chip detector. without ODDS. | | | - | | | | |

| (For use of this f | | NANCE INSPECTION CHECKLIST Pamphlet 738-751, the proponent agen | | | | T M | | DATE | |
|----------------------------|------------------------------------------------------------|--------------------------------------------------------------------|----------|------------------------------|-----------------------------------|--------------------------------------|---------|---------------|---------|
| INSPECTIO | ON NC | AREA NAME AND I | NUMBER | | AIRCRAI | AFT SERIAL NO. TOTAL HOURS THIS AREA | | | |
| 3 (75 Ho | xur) | General | | | | | <u></u> | | |
| AREA AND INSP REQ NO | Q INSPECTION REQUIREMENTS | | STATUS | FAULTS / | AND/OR REMARK | S ACTION TAI | ŒN | MAN- HOURS | INITIAL |
| 11. | 11. Inspect 42° gearbox chip detector. | | | | | | | | |
| 12. | Inspect 9 | 90° gearbox chip detector. | | | | | | | |
| 13. | Deleted. | | | | | | | | |
| 14. | Inspect tr without O | ransmission oil filter. Aircraft DDDS. | | | | | | | |
| 15. | Inspect 4 | 12° gearbox filler cap vent. | | | | | | | |
| 16. | Inspect 9 | 90° gearbox filler cap vent. | | | | | | | |
| 17. | Inspect to tubes and | ail rotor and elevator control d guides. | | | | | | | |
| 18. | Inspect K | (747 blade erosion guards. | | | | | | | |
| 19. | Check sv | washplate contact. | | | | | | | |
| 19.1 | 19.1 Inspect engine chip detectors. Aircraft without ODDS. | | | | | | | | |
| J | <u> </u> | | <u> </u> | | | | | <u> </u> | |
| | | Check work area | | 'FOD REMI parts after con | INDER" mpletion of maintenance | and inspection | | | |

MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET) TM DATE (For use of this form, see DA Pamphlet 738-751, the proponent agency is Deputy Chief of Staff for Logistics (DCSLOG) AREA NAME AND NUMBER INSPECTION NO **AIRCRAFT SERIAL NO** TOTAL HOURS THIS AREA 3 (75 HOUR) General AREA MAN-AND INSP INSPECTION REQUIREMENTS STATUS **FAULTS AND/OR REMARKS** INITIAL **ACTION TAKEN** HOURS REQ NO Inspect scissors and sleeve. 20. 20.1 Inspect elastomeric pitch change rod end bearings. 21. Inspect main rotor feather bearing. Retorque alternator V-band clamp. 22. Perform maintenance operational 22.1 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.

"FOD REMINDER"

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

DA Form 4676-R, Dec 84

Check 2408-18 for inspections due.

22.4

| (For use of t | his fo | MAINTENANCE INSPECTION CHECKLI m see DA Pamphlet 733-751; the proponant aç | ST (SUPPL jency is Dept | EMENTAL SHEET) uty Chief of Staff for Logistics (DCSLOG).) | ТМ | | DATE | |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------|------------------------------------------------------------|--------------------|----------|---------------|---------|
| INSPECTION 3 (75 Hour) | NO. | AREA NAME AND NUMBER Avionics | | AIRCRAFT SERIAL NO. | | TOTAL HO | URS THIS A | REA |
| AREA AND INSP REQ NO | | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTIC | DN TAKEN | MAN- HOURS | INITIAL |
| 22.5 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, | | | | | | | |
| | bro | ken, or fogged window. Inspect for se or missing detector head assembly. 1 11-1520-236-23) | | | | | | |
| | | | | | | | | - |
| | | | | | | | · | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | _ | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | <u>.</u> | "FOD REMINDER" | | | | |
| | | Check work | area for tool | s and parts after completion of maintena | nce and Inspection | | | |

| (For u | MAINTENANCE INSPECTION CHECKL use of this form, see DA Pamphlet 738-51, the proponent ago | LIST (SU | JPPLEMENTAL SHEET) tuty Chief of Staff for Logistics (DCSLOG). | ТМ | | DATE | |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------|-----------------|----------|---------------|---------|
| INSPECTION N 3 (75 Hour) | | | AIRCRAFT SERIAL NO. | | TOTAL HO | OURS 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 25. | Deleted. Ensure that visible harness and intercabling is free from cuts and breaks and is properly connected to M85 units. (TM 9-1425-473-20) | | | | | | |
| | | | | | | | |
| | Check work | area for to | "FOD REMINDER" ools and parts after completion of maintenance | and inspection. | | | |

| SPECTION 3 (75 Hour) | | | AIRCRAFT SERIAL NO | TOTA | TOTAL HOURS THIS AREA | | |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------------------|--------------|-----------------------|---------|--|
| NREA AND NSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN- HOURS | INITIAL | |
| 26. | 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) | | | | | | |
| 27 | TSU (with LAAT) 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) | | | | | | |

| (For use of | MAINTENANCE INSPECTION CHECKLI this form, see DA Pamphlet 738-751; the proponent | ST (SUPI | PLEMENTAL SHEET) Deputy Chief of Stall for Logistics (DCSLOG)) | TM | | DATE | |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------------------------------------------------------|---------|----------|---------------|---------|
| NINSPECTION 3 (75 Hour) | NO AREA NAME AND NUMBER Armament | | AIRCRAFT SERIAL NO | | TOTAL HO | OURS THIS A | AREA |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTIO | ON 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) 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) AH1-S 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) | | | | | | |
| | Check work a | area for tools | "FOD REMINDER" s and parts after completion of maintenance and insp | pection | | | |

| (For use | MAINTENANCE INSPECTION CHECKL of this form, see DA Pamphlet 738-751, the proponent | IST (SUPPL agency)s Deput | EMENTAL SHEET) by Chief of Stall for Logistics (DCSLOG)) | TM | | DATE | | | | |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------------------------------------|-------|-----------------------|----------------------|---------|--|--|--|
| INSPECTION 3 (75 Hour | NO AREA NAME AND NUMBER Armament | | AIRCRAFT SERIAL NO | | TOTAL HOURS THIS AREA | | | | | |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTIO | ON TAKEN | MAN- HOURS I I | 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) 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) | | | | | | | | | |
| <u>[</u> | "FOD REMINDER" Check work area for tools and parts after completion of maintenance and inspection | | | | | | | | | |

| (For us | MAINTENANCE INSPECTION CHECKLIS se of this form, see DA Pamphlet 738-751; the proponent ag | ST (SUP | 'PLEMENTAL SHEET) eputy Chief of Stall for Logistics (DCSLOG)) | ТМ | | DATE | | | | |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------------------------------------------------------------|------|----------|---------------|---------|--|--|--|
| INSPECTION 3 (75 Hou | | | AIRCRAFT SERIAL NO | | TOTAL HO | OURS THIS A | AREA | | | |
| AREA AND INSP REQ NO | | STATUS | FAULTS AND/OR REMARKS | ACTI | ON 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) 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) | | | | | | | | | |
| | "FOD REMINDER" Check work area for tools and parts after completion of maintenance and inspection | | | | | | | | | |

| (For use | MAINTENANCE INSPECTION CHECKL e of this form, see DA Pamphlet 73&751, the proponent ag | IST (SUP gency is De | PLEMENTAL SHEET) puty Chief of Stall for Logistics (DCSLOG)) | TM | | DATE | |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------------------------------------------------|--------------|---------|---------------|---------|
| INSPECTION 3 (75 Hour | | | AIRCRAFT SERIAL NO | | TOTAL H | OURS THIS | AREA |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION TAKEN | | MAN- HOURS | INITIAL |
| 35. 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) 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) | | | | | | |
| | Check work a | rea for tool | FOD REMINDER" s and parts after completion of maintenance and ins | pection | | | |

| (| MAINTENANCE INSPECTION CHECKL For use of this form, see DA Pamphlet 738-751; the proponent a | IST (SUP gency is Dep | PLEMENTAL SHEET) uty Chief of Stall for Logistics (DCSLOG).) | TM | | DATE | |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------------------------------------------------|--------------|-----------|---------------|---------|
| INSPECTION 3 (75 Hour) | NO AREA NAME AND NUMBER Armament | | AIRCRAFT SERIAL NO | | TOTAL HÖI | JRS THIS A | AREA |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION | I 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) DELINKING FEEDER MAU-56/A 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) | | | | | | |
| | | | | | | | |
| | Check w | ork area fo | "FOD REMINDER" r tools and parts after completion of maintenance and | d inspection | | | |

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

| (For use of this | MAINTENANCE INSPECTION CHECKLI form, see DA Pamphlet 738-751; the proponent ag | ST (SUPPLE ency is Deput) | MENTAL SHEET) Chief of Staff for Logistics (DCSLOG).) | ТМ | | DATE | | |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------------------------------------------------|--------------------|----------|---------------|---------|--|
| INSPECTION I 3 (75 Hour) | | | AIRCRAFT SERIAL NO. | | TOTAL H | OURS THIS AR | EA | |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTI | ON TAKEN | MAN- HOURS | INITIAL | |
| 42. | 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) | | | | | | | |
| 43. | ROCKET LAUNCHERS ALIGNMENT Check (TM 9-1090-206-20-1/2) | | | | | | | |
| 44. | AMMUNITION FEED SYSTEM AH-1 E/F Inspect, clean, and lubricate (TM 9-1090-206) | | | | | ! | | |
| 45. | GUN DRIVE ASSEMBLY AH-1 E/F Inspect, clean, and lubricate (TM 9-1090-206) | | | | | | | |
| 46. | GUN DRIVE ASSEMBLY AH-1 P/S Inspect, clean, and lubricate (TM 9-1090-206) | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | Check work | area for tools | "FOD REMINDER" and parts after completion of maintenar | nce and inspection | 1 | | | |

| (For use of this f | IAINTENA orm, see DA | NCE INSPECTION CHECKLIS Pamphlet 738-751, the proponent ager | T (SUPPLE | MENTAL S Chief of Staff (| SHEET) for Logistics (DCSLOG). | ТМ | | DATE | |
|----------------------------|-------------------------------------------------------------|--------------------------------------------------------------|-----------|------------------------------|-------------------------------------|---------------|-----------------------|---------------|---------|
| INSPECTION | ON NO | AREA NAME AND | NUMBER | AIRCRAFT SERIAL NO. | | | TOTAL HOURS THIS AREA | | |
| 3 (75 Ho | our) | General | | | | | | | |
| AREA AND INSP REQ NO | SP REQ INSPECTION REQUIREMENTS | | STATUS | FAULTS AND/OR REMARKS | | ACTION TAKEN | | MAN- HOURS | INITIAL |
| 47. | ELECTR inspect. | ICAL CABLES AH-1 P/S | | | | | | | |
| | шаресс. | | | | | | | | |
| 48. | Perform system functional check (TM 9-1090-203/206 series). | | | | | | | | |
| | | , | | | | | | | |
| 49. | Deleted. | | | | · . | | | | |
| 5 0. | Deleted. | | <u></u> | | | | | | |
| E | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | • | | | • | | | | | |
| | | | <u> </u> | | | | | | |
| | | Check work area | | FOD REMI parts after cor | NDER" npletion of maintenance ar | nd inspection | | | |

Signature Sheet (75 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 |

SECTION V- 100 HOUR INSPECTION

| (For use of | this form | MAINTENANCE INSPECTION CHE , see DA Pamphlet 738-751, the propon | CKLIST (SUPPL ent agency is D | EMENTAL SHEET) eputy Chief of Staff for Logistics (DCSLOG) | TM | | DATE | |
|----------------------------|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------|---------------|---------|---------------|---------|
| INSPECTION 4 (100 HOL | | AREA NAME AND NUMBER General | | AIRCRAFT SERIAL NO | | TOTAL H | OURS THIS A | REA |
| AREA AND INSP REQ NO | i i | NSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION TA | KEN | MAN- HOURS | INITIAL |
| 1. | new ap lished: have be | DA PAM 25-30 to determine if plicable MWOs have been pub- Check that all URGENT MWOs een applied to the equipment and NORMAL MWOs have been led. | | | | | | |
| 2. | Check | 2408-18 for inspections due. | | | | | | |
| 3. | els for | avionic control heads and pan- general condition, loose knobs, oper operation of switches. | | | | | | |
| 4. | Engine ODDS. | oil sample. Aircraft without | | | | | | |
| 5. | Transm without | nission oil sample. Aircraft ODDS. | | | | | | |
| 6. | 42° gea | arbox oil sample. | | | | | | |
| 7. | 90° gea | arbox oil sample. | | | | | | |
| | <u> </u> | Check wor | k area for tools | "FOD REMINDER" and parts after completion of maintenance a | nd Inspection | | | |

| (For use of | this form, | | nent agency is | PLEMENTAL SHEET) Deputy Chief of Staff for Logistics (DCSLOG) | TM | | DATE | |
|----------------------------|------------|----------------------------------------------|------------------|---------------------------------------------------------------|---------------|---------|---------------|---------|
| INSPECTA 4 (100 HOL | | AREA NAME AND NUMBER General | | AIRCRAFT SERIAL NO | | TOTAL H | OURS THIS A | REA |
| AREA AND INSP REQ NO | IN | ISPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION TA | KEN | MAN- HOURS | INITIAL |
| 8. | #1 hydra | aulic oil sample. | | | | | | |
| 9. | #2 hydra | aulic oil sample. | | | | | | |
| 10. | #3 hydra | aulic oil sample. | | | | | | |
| 11. | Swashp | alate grease sample. | | | | | | |
| 12. | Scissors | s and sleeve grease sample. | | | | | | |
| 13. | | transmission chip detector. without ODDS. | | | | | | |
| 14. | Inspect | 42° gearbox chip detector. | | | | | | |
| 15. | Inspect | 90° gearbox chip detector. | | | | | | |
| 16. | Deleted | | | | | | | |
| 17. | Deleted | | | | | | | |
| | <u> </u> | | <u> </u> | // | | | | |
| | | Check wo | rk area for tool | "FOD REMINDER" s and parts after completion of maintenance a | nd Inspection | | | : |

| | | | | eputy Chief of Staff for Logistics (DCSLOG) | | T ==== | | |
|----------------------------|---------------|--------------------------------------------------|--------|---------------------------------------------|-----------|--------|----------------|---------|
| INSPECTA 4 (100 HO | | AREA NAME AND NUMBER General | | AIRCRAFT SERIAL NO | | TOTA | L HOURS THIS / | NREA |
| AREA AND INSP REQ NO | | NSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION TA | AKEN | MAN- HOURS | INITIAL |
| 17.1 | | equipped with ODDS, inspect chip detector. | | | | | | |
| 18. | Inspec | t 42° gearbox filler cap vent. | | | | | | |
| 19. | Inspec | t 90° gearbox filler cap vent. | | | | | | |
| 20. | | t tail rotor and elevator control and guides. | | | | | | |
| 21. | Inspec | t K747 blade erosion guards. | | | | | | |
| 22. | Check | swashplate contact. | | | | | | |
| 23. | Inspec | t scissors and sleeve. | | | | | | |
| 23.1 | Inspectend be | t elastomeric pitch change rod arings. | | | | | | |
| 24. | Inspec | t main rotor feather bearing. | | | | | | |
| 24.1 | Lubrica | ate aircraft. | | | | | | |

| (For use of | f this form | MAINTENANCE INSPECTION CH , see DA Pamphlet 738-751, the propo | ECKLIST (SUPP enent agency is i | LEMENTAL SHEET) Deputy Chief of Staff for Logistics (DCSLOG) | TM | | DATE | |
|----------------------------|-------------------|-------------------------------------------------------------------|------------------------------------|-----------------------------------------------------------------|----------------|---------|---------------|---------|
| INSPECTA 4 (100 HO | | AREA NAME AND NUMBER | | AIRCRAFT SERIAL NO | | TOTAL H | OURS THIS A | REA |
| AREA AND INSP REQ NO | ı | NSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION TA | AKEN | MAN- HOURS | INITIAL |
| 24.2 | Lubrica links. | te collective levers and idler | | | | | | |
| 24.3 | Lubrica | te tail rotor cross head. | | | | | | |
| 24.4 | Lubrica joint. | ate pitch change link universal | | | | | | |
| 24.5 | Lubrica | ite drive links | | | | | | |
| 24.6 | Deletec | d | | | | | | |
| 24.7 | Check | voltage regulator setting. | | | | | | |
| 24.8 C | Retorq | ue alternator V-band clamp. | | | | | | |
| 24.9 | checks | n maintenance operational (MOC) IAW -1520-328-23. | | | | | | |
| | <u></u> | Check wo | ork area for tools | "FOD REMINDER" and parts after completion of maintenance | and inspection | | | |

| (For use of | this form | MAINTENANCE INSPECTION CHE see DA Pamphlet 738-751, the propor | CKLIST (SUP | PLEMENTAL SHEET) Deputy Chief of Staff for Logistics (DCSLOG) | TM | | DATE | |
|----------------------------|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------------------------------------------------|---------------|-----------------------|---------------|---------|
| INSPECTIO 4 (100 HOL | ON NO | AREA NAME AND NUMBER General | | AIRCRAFT SERIAL NO | | TOTAL HOURS THIS AREA | | |
| AREA AND INSP REQ NO | !! | SPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION TA | KEN | MAN- HOURS | INITIAL |
| 24.10 C | 50-23) ward py for dirty fogged missing | (After MWO 55-1520-236-Laser detectors SU-130 (For- rlon, left and right sides) Inspect, scratched, cracked, broken, or window. Inspect for loose or detector head assembly1520-236-23). | | | | | | |
| | | Check wor | k area for too | "FOD REMINDER" Is and parts after completion of maintenance a | nd Inspection | <u> </u> | | |

| (For use | MAINTENANCE INSPECTION CHECKLe of this form, see DA Pamphlet 738-751; the proponent ag | IST (SUP gency is De | PLEMENTAL SHEET) puty Chief of Stall for Logistics (DCSLOG)) | ТМ | | DATE | | | | |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|--------------------------------------------------------------|--------------------------|----------|-----------------|---------|--|--|--|
| INSPECTION 4 (100 Hou | | | AIRCRAFT SERIAL NO | AIRCRAFT SERIAL NO TOTAL | | HOURS THIS AREA | | | | |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTIO | ON TAKEN | MAN- 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) | | | | | | | | | |
| 27. | 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 9-1 425-473-20) | | | | | | | | | |
| ı | "FOD REMINDER" Check work area for tools and parts after completion of maintenance and inspection | | | | | | | | | |

| (For use | MAINTENANCE INSPECTION CHECKLI of this form, see DA Pamphlet 736-751; the proponent ag | ST (SUPP Jency is Dep | LEMENTAL SHEET) uty Chief of Stall for Logistics (DCSLOG).) | ТМ | DATE | |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------------------------------------------------|------------------|---------------|---------|
| INSPECTION 4 (100 Hou | AREA NAME AND NUMBER Armament | | AIRCRAFT SERIAL NO | ERIAL NO TOTAL H | | AREA |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN- HOURS | INITIAL |
| 28. | TSU (with LAAT) 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) 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) | | | | | |
| | Check work ar | ea for tools | "FOD REMINDER" and parts after completion of maintenance and ins | pection | • | |

| (For use | MAINTENANCE INSPECTION CHECKL of this form, see DA Pamphlet 738-751; the proponent a | IST (SUPPL gency is Deput | EMENTAL SHEET) y Chief of Stall for Logistics (DCSLOG).) | ТМ | DATE | |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------------------------------------------------------|--------------|---------------|---------|
| INSPECTION 4 (100 Hour | NO AREA NAME AND NUMBER r) Armament | | AIRCRAFT SERIAL NO | TOTAL F | IWRS THIS A | AREA |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN- HOURS | INITIAL |
| 30. | AH-1E/P/S PSI Ensure that indicator glass is not cracked or broken and that moisture is not visible inside of glass. En- | | | | | |
| | sure connector is securely attached. Check mounting bracket for firm support. (TM 9-1425-473-20) | | | | | |
| 31. | AH-1S 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) | | | | | |
| | | | | | | |
| | | Ħ | | | | |
| | | | | | | |
| | Check work | area for tools a | "FOD REMINDER" nd parts after completion of maintenance and ins | spection | | |

| (For use | MAINTENANCE INSPECTION CHECKLI e of this form, see DA Pamphlet 738-751; the proponent ag | IST (SUPP gency is Depo | LEMENTAL SHEET) uty Chief of Stall for Logistics (DCSLOG).) | ТМ | DATE | |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------------------------------------------------|--------------------|----------------|---------|
| INSPECTION 4 (100 Hou | AREA NAME AND NUMBER Armament | | AIRCRAFT SERIAL NO | TOTAI | . HOURS THIS A | IREA |
| 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) | | | | | |
| 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) | | | | | |
| | Check work a | area for tools | "FOD REMINDER" and parts alter completion of maintenance and ins | spection | | |

| (For use | MAINTENANCE INSPECTION CHECKLe of this form, see DA Pamphlet 738-751; the proponent a | IST (SUP) agency is Dep | PLEMENTAL SHEET) outy Chief of Stall for Logistics (DCSLOG).) | TM DATE | | | | |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------------------------------------|----------|----------|-----------------------|---------|--|
| INSPECTION 4 (100 Hou | I NO AREA NAME AND NUMBER Ir) Armament | | AIRCRAFT SERIAL NO | | TOTAL HO | TOTAL HOURS THIS AREA | | |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTI | ON TAKEN | MAN- HOURS | INITIAL | |
| 34. 35. | 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) 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) | | | | | | | |
| | Check work | area for tools | "FOD REMINDER" and parts after completion of maintenance and in | spection | | <u>!</u> | | |

| (For use | MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET) (For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Stall for Logistics (DCSLOG).) | | | ТМ | DATE | | | |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------------------|--------------|---------------|---------|--|--|
| INSPECTION 4 (100 Hou | CTION NO AREA NAME AND NUMBER AIRCRAFT SERIAL NO TOTAL HOURD Hour) Armament I | | OURS THIS | AREA | | | | |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN- HOURS | INITIAL | | |
| 36. 37. | 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) 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) | | | | | | | |
| | | | | | | | | |
| | "FOD REMINDER" Check work area for tools and parts after completion of maintenanceand inspection | | | | | | | |

| | MAINTENANCE INSPECTION CHECKL (For use of this form, see DA Pamphlet 738-751; the proponent ag | ТМ | | DATE | | | | |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------------------|--------------|---------|---------------|---------|--|
| INSPECTION N 4 (100 Hour) | | | JRS THIS A | RS THIS AREA | | | | |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION | I TAKEN | MAN- HOURS | INITIAL | |
| 39. | 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) DELINKING FEEDER MAU-56/A 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) | | | | | | | |
| ti ti | "FOD REMINDER" Check work area for tools and parts after completion of maintenance and inspection | | | | | | | |

| | MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET) (For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Stall for Logistics (DCSLOG).) | | | | | | |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------|---------------|---------|
| INSPECTION | | gency is Deput | | | | | :: |
| 4 (100 Hour) | | | AIRCRAFT SERIAL NO | | TOTAL HC | OURS THIS A | AREA |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION | ITAKEN | MAN- HOURS | INITIAL |
| 40. | REFLEX SIGHT M73 AH-1E/P/S | | | | | | |
| | Inspect reflex sight for damaged compo- nents. Check beamsplitter for freedom of | | | | | | |
| | movement. Inspect electrical cables for | | | | | | |
| | damage. (TM 9-1090-203/206). | | | | | | |
| ,, | FLEVIDLE CLIAFT ACCENDING TURBET | | | | | | |
| 41. | FLEXIBLE SHAFT ASSEMBLY (TURRET AREA) AH-1 P/S | | | | | | |
| | Inspect shaft assembly for evidence of | | | | | | |
| | wear, binding, or twisting. Check shaft housing for cuts and possible separation at con- | | | | | | |
| | nectors. Clean and lubricate. (TM 9-1090- | | | | | | |
| | 203 Series) | | | | | | |
| 40 | A11 (- 111) | | | | | | |
| 42. | AH-1F HUD (M76) Set HUDS PWR switch to STBY. SP fan | | Western Committee of the Committee of th | | | | |
| | should run and be audible. (TM 9-1270- | | | | | - | |
| 1 | 220-13&P) | | | | | | |
|] | | | | | | | |
| 1 1 | | | | | | | |
| | | <u> </u> | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | L | | | | | |
| | Check w | ork area for t | "FOD REMINDER" tools and parts after completion of maintenance and | inspection | | | |

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET) (For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Stall for Logistics (DCSLOG).) | | | TM DA | ATE | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--------|-----------------------|------------------|---------------|---------|--|--|
| INSPECTION 4 (100 Hou | I NO AREA NAME AND NUMBER Armament | | AIRCRAFT SERIAL NO | TOTAL HOURS I | | 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) | | | | | | | |
| | Perform check for ground at all rock- | | | | | | | |
| | et launcher firing contacts using multimeter or rocket system tester. (TM | | | | | | | |
| | 9-1055-460-13&P) | | | | | | | |
| | , | | | | | | | |
| 44. | RECOIL ADAPTER (E/F) | | | | | | | |
| | Perform recoil adapter preload check. (TM 9-1090-206 Series) | | | | | | | |
| | onesia (im e rece 200 conce) | | | | | | | |
| 45. | 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) | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | "FOD REMINDER" Check work area for tools and parts after completion of maintenance and inspection | | | | | | | |

| MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET) (For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chef of Stall of Logistics (DCSLOG).) | | | | ТМ | DATE | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------------------|--------------|---------------|---------|--|
| INSPECTION 4 (100 Hour | NO AREA NAME AND NUMBER Armament | ı | AIRCRAFT SERIAL NO | TOTAL F | OURS THIS A | AREA | |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN- HOURS | INITIAL | |
| 46. | GRENADE LAUNCHER, M129 (P/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) DYNAMIC BRAKE TRANSDUCER AH-1 P/S Test the dynamic brake transducer in accordance with TM 9-1090-203 Series. | | | | | | |
| 48. | M89 FEEDER Disassemble, clean, inspect, and lubricate. (TM 9-1090-206 Series) | | | | | | |
| | "FOD REMINDER" Check work area for tools and parts after completion of maintenance and inspection | | | | | | |

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

| (For use of this t | MAINTENANCE INSPECTION CHECKLI form, see DA Pamphlet 738-751; the proponent ac | ST (SUPPLE ency is Deputy | MENTAL SHEET) Chief of Staff for Logistics (DCSLOG).) | ТМ | | DATE | | |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------------------------------------------------|-------------|--------------|------|---------|--|
| INSPECTION N 4 (100 Hour) | O. AREA NAME AND NUMBER Armament | | | JRS THIS AF | REA | | | |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | US FAULTS AND/OR REMARKS | | ACTION TAKEN | | INITIAL | |
| | RECOIL ADAPTER AH-1E/F Clean and lubricate recoil adapter assem- bly. Check cover for cracks, tears, and de- terioration, if defective replace. Clean and ubricate spindle. Check spindle and re- tainer for cracks, deformation, and dam- aged threads. Check for galling. Check housing for elongated mounting holes, cracks, and damaged threads, if defective replace recoil adapter. (TM 9-1090-206 Series) TURRET ASSEMBLY | | | | | | | |
| (| Clean, inspect, lubricate assembly (TM 9- 1090-203/206) | | | | | | | |
| | ROCKET LAUNCHERS nspect (TM 9-1090-203/206) | | | | | | | |
| | "FOD REMINDER" Check work area for tools and parts after completion of maintenance and inspection | | | | | | | |

| (For use of t | this form | MAINTENANCE INSPECTION CHE | | LEMENTAL SHEET) Deputy Chief of Staff for Logistics (DCSLOG) | ТМ | | DATE | |
|----------------------------|-------------------|---------------------------------------------------------------------------|------------------|--------------------------------------------------------------|----------------|-----------|---------------|---------|
| INSPECTION 1 (25 HOU | ON NO | AREA NAME AND NUMBER Armament | • • | AIRCRAFT SERIAL NO | | I TOTAL H | OURS THIS A | REA |
| AREA AND INSP REQ NO | ll. | NSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION TA | KEN | MAN- HOURS | INITIAL |
| 54. | Inspect, | LE DRIVE SHAFT M129 AH-1P/S clean and lubricate 090-203) | | | | | | |
| 55. | Inspect, | IITION FEED SYSTEM AH-1 E/F clean, and lubricate 090-203) | | | | | | |
| 56. | Inspect, | RIVE ASSEMBLY AH-1 E/F clean, and lubricate 090-203) | | | | | | |
| 57. | Inspect, | RIVE ASSEMBLY, M129 AH-1 P/S clean, and lubricate 090-203) | | | | | | |
| 56. | Inspect, | LE DRIVE SHAFT, M1 29 AH-1 P/S clean, and lubricate 090-203) | | | | | | |
| 59. | COMPA | RICAL CABLES (TURRET, AMMO RTMENT, GENERAL) AH-1P/S (TM 9-1090-203) | | | | | | |
| 59.1. | MACHIN Disasse | NE GUN, M134 (7.62) AH-1 P/S mble, clean, and lubricate 090-203) | | | | | | |
| 60. | Quick ch | neck boresight. 090-203 Series) | | | | | | |
| | ` | , | | | <u> </u> | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | Check wor | k area for tools | "FOD REMINDER" and parts after completion of maintenance | and inspection | | | |

| (For u | MAINTENANCE INSPECTION CHECK se of this form, see DA Pamphlet 738-751, the proponen | • | • | TM | DATE | |
|------------------------------|-------------------------------------------------------------------------------------|--------------------|----------------------------------------------------------------------|--------------|---------------|---------|
| INSPECTION N 4 (100 Hour) | NSPECTION NO AREA NAME AND NUMBER AIRCRAFT SERIAL NO 1 TOTM HOURS TH | | | | | AREA |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION TAKEN | MAN- HOURS | INITIAL |
| 61. | AIM-1/EXL AH-1F. | | | | | |
| | Check boresight of AIM-1/EXL | | | | | |
| | aiming light. (TM 9-1090-203) | | | | | |
| | | | | | | |
| 62. | Perform system functional check, | | | | | |
| | (TM 9-1 090-203) | | | | | |
| 63. | Perform maintenance operational | | | | | |
| 03. | checks. (MOC) IAW TM 1-1500- | | | | | |
| | 328-25 | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | - | | | | |
| | | | | | | |
| | Check v | work area for tool | "FOD REMINDER" s and parts after completion of maintenance and inspe | ction | | |

Signature Sheet (100 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 |

SECTION VI- 125 HOUR INSPECTION

| | | MAINTENANCE INSPECTION CH | ECKLIST (SUPPL | EMENTAL SHEET) | TM | | DATE | |
|----------------------------|---------------------|-------------------------------------------|--------------------|----------------------------------------------------------|----------------|---------|---------------|---------|
| | | | | eputy Chief of Staff for Logistics (DCSLOG) | <u> </u> | | | |
| INSPECTION 5 (125 HOL | | AREA NAME AND NUMBE General | R | AIRCRAFT SERIAL NO | | TOTAL H | OURS THIS A | REA |
| AREA AND INSP REQ NO | | SPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION TA | KEN | MAN- HOURS | INITIAL |
| 1. | Engine ODDS. | oil sample. Aircraft without | | | | | | |
| 2. | | nission oil sample. Aircraft ODDS. | | | | | | |
| 3 . | 42° ges | arbox oil sample. | | | | | | |
| 4. | 90° gea | arbox oil sample. | | | | | | |
| 5 . | #1 hydr | aulic oil sample. | | | | | | |
| 6. | #2 hydr | aulic oil sample. | | | | | | |
| 7. | #3 hydr | aulic oil sample. | | | | | | |
| 8. | Swash | olate grease sample. | | | | | | |
| 9. | Scissor | s and sleeve grease sample. | | | | | | |
| 10. | Inspect Aircraft | transmission chip detector. without ODDS. | | | | | | |
| | | Check w | ork area for tools | "FOD REMINDER" and parts after completion of maintenance | and inspection | | | |

| (For use of | this form | | nent agency is | PLEMENTAL SHEET) Deputy Chief of Staff for Logistics (DCSLOG) | TM | | DATE | |
|----------------------------|------------|--------------------------------------------|------------------|---------------------------------------------------------------|---------------|---------|-----------------|---------|
| INSPECTION 5 (125 HOL | | AREA NAME AND NUMBER General | | AIRCRAFT SERIAL NO TOTA | | TOTAL H | HOURS THIS AREA | |
| AREA AND INSP REQ NO | ,, | SPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION TA | KEN | MAN- HOURS | INITIAL |
| 11. | Inspect | 42° gearbox chip detector. | | | | | | |
| 12. | Inspect | 90° gearbox chip detector. | | | | | | |
| 13. | Deleted | ı | | | | | | |
| 14. | Deleted | ı | | | | | | |
| 15. | Inspect | 42° gearbox filler cap vent. | | | | | | |
| 16. | Inspect | 90° gearbox filler cap vent. | | | | | | |
| 17. | | tail rotor and elevator control nd guides. | | | | | | |
| 18. | Inspect | K747 blade erosion guards. | | | | | | |
| 19. | Check: | swashplate contact. | | | | | | |
| 20. | Inspect | scissors and sleeve. | | | | | | |
| | I <u>-</u> | Check wor | rk area for tool | "FOD REMINDER" s and parts after completion of maintenance a | nd Inspection | | | |

| (For use of | this form | MAINTENANCE INSPECTION CHE, see DA Pamphlet 738-751, the propor | CKLIST (SUPF | PLEMENTAL SHEET) Deputy Chief of Staff for Logistics (DCSLOG) | TM | | DATE | |
|----------------------------|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------------------------------------------------|---------------|-----------------------|---------------|---------|
| INSPECTK 5 (125 HOL | | AREA NAME AND NUMBER General | | AIRCRAFT SERIAL NO | | TOTAL HOURS THIS AREA | | |
| AREA AND INSP REQ NO | 11 | NSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION TA | KEN | MAN- HOURS | INITIAL |
| 20.1 | Inspect end be | elastomeric pitch change rod arings. | | | | | | |
| 20.2 | | equipped with ODDS, inspect chip detector. | | | | | | |
| 21. | Inspect | main rotor feather bearing. | | | | | | |
| 22 . | Retorq | ue alternator V-band clamp. | | | | | | |
| 22.1 | checks | n maintenance operational (MOC) IAW 1500-328-23. | | | | | | |
| 22.2 | new ap lished: have be | DA PAM 25-30 to determine if plicable MWOs have been pubcheck that all URGENT MWOs ben applied to the equipment and NORMAL MWOs have been led. | | | | | | |
| 22.3 | Check : | 2408-18 for inspections due. | | | | | | |
| | | | | | | | | |
| | <u></u> | | | | | |] | |
| | | Check wor | k area f or took | "FOD REMINDER" s and parts after completion of maintenance a | nd Inspection | | | |

| (For use of | this form | MAINTENANCE INSPECTION CHE , see DA Pamphiet 738-751, the propon | CKLIST (SUP ent agency is | PLEMENTAL SHEET) Deputy Chief of Staff for Logistics (DCSLOG) | TM | | DATE | |
|----------------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------------------------------------------------------|---------------|---------|---------------|---------|
| INSPECTIO 5 (125 HOU | | AREA NAME AND NUMBER General | | AIRCRAFT SERIAL NO | • | TOTAL H | OURS THIS A | REA |
| AREA AND INSP REQ NO | ŧ, | NSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION TA | KEN | MAN- HOURS | INITIAL |
| 22.4 | 50-23) ward py spect for ken or folloose o | (After MWO 55-1520-236- Laser detectors SU-130 (For- ylon, left and right sides). In- or dirty, scratched, cracked bro- fogged window. Inspect for ir missing detector head as- (TM 11-1520-236-23) | | | | | | |
| | | | | | | | | |
| | | | | | <u> </u> | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | = | | |
| | | | | | | | ļ | |
| | | | | | | | | |
| : | 1 | | | | | | | |
| | | | | | | | | |
| | | | | | | | - | |
| : | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | Check wor | k area for too | "FOD REMINDER" is and parts after completion of maintenance a | nd Inspection | | | |

| (For u | MAINTENANCE INSPECTION CHECKL use of this form, see DA Pamphlet 738-751, the proponent a | .IST (S | SUPPLEMENTAL SHEET) | ТМ | | DATE | | | | |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------------------|--------|----------|---------------|---------|--|--|--|
| INSPECTION N 5(125 Hour) | AREA NAME AND NO. Armament | | AIRCRAFT NAME AND NO. | | TOTAL HO | JRS THIS | AREA | | | |
| AREA AND INSP REQ NO | INSPECTION | STATU | JS FAULTS AND/OR REMARKS | ACTION | TAKEN | MAN- HOURS | INITIAL | | | |
| 24. 24.1 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. Deleted. Deleted. 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 | | | | | | | | | |

| (For use | MAINTENANCE INSPECTION CHECKL of this form, see DA Pamphlet 738-751, the proponent a | IST (SUPPL gency is Depu | LEMENTAL SHEET) ty Chief of Stall for Logistics (DCSLOG).) | TM | | DATE | |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------------------------------------------|----------|----------|---------------|---------|
| INSPECTION 5 (125 Hou | | | AIRCRAFT SERIAL NO | | TOTAL H | OURS THIS A | AREA |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTI | ON TAKEN | MAN- HOURS | INITIAL |
| 26. | 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) | | | | | | |
| 21. | 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) | | | | | | |
| | Check work a | rea for tools a | "FOD REMINDER" and parts after completion of maintenance and in | spection | | <u> </u> | |

| (For use | MAINTENANCE INSPECTION CHECKL e of this form, see DA Pamphlet 738-751; the proponent a | IST (SUP) gency is Dep | PLEMENTAL SHEET) outy Chief of Stall for Logistics (DCSLOG).) | TM | | DATE | |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------------------------------------------|---------|----------|---------------|---------|
| INSPECTION 5 (125 Ho | I NO AREA NAME AND NUMBER ur) Armament | | AIRCRAFT SERIAL NO | | TOTAL HO | URS THIS A | AREA |
| AREA AND No | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTIO | ON 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) AH-1 E/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) | | | | | | |
| | Check work a | area for tools | "FOD REMINDER" s and parts after completion of maintenance and ins | pection | | | |

| (For use | MAINTENANCE INSPECTION CHECKLE of this form, see DA Pamphlet 738-751, the proponent at | PLEMENTAL SHEET) outy Chief of Stall for Logistics (DCSLOG).) | ТМ | | DATE | | | |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|------------------------------------------------------------------|-----------|----------|---------------|---------------|--|
| INSPECTION 5 (125 Ho | N NO AREA NAME AND NUMBER ur) Armament | | AIRCRAFT SERIAL NO | TOTAL HOU | | OURS THIS / | URS THIS AREA | |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTI | ON 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) 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) | | | | | | | |
| | Check work ar | ea for tools | "FOD REMINDER" and parts after completion of maintenance and ins | spection | | | | |

| • | MAINTENANCE INSPECTION CHECKLIST (SUPPLEMENTAL SHEET) (For use of this form, see DA Pamphlet 738-751; the proponent agency is Deputy Chief of Stall for Logistics (DCSLOG).) NSPECTION NO AREA NAME AND NUMBER AIRCRAFT SERIAL NO TOTAL HOURS THIS AREA | | | | | | | | | |
|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------------------|------|---------------------|---------------|---------|--|--|--|
| 5 (125 Hour) | | 1 | | | TOTAL HOOKS THIS AL | | | | | |
| AREA AND INSP REO NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | АСТІ | ON 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) | | | | | | | | | |
| 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) | | | | | | | | | |
| 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) | | | | | | | | | |
| "FOD REMINDER" Check work area for tools and parts after completion of maintenance and inspection | | | | | | | | | | |

| (For uso | MAINTENANCE INSPECTION CHECKL e of this form, see DA Pamphlet 738-751; the proponent ag | IST (SUP gency is De | PLEMENTAL SHEET) puty Chief of Stall for Logistics (DCSLOG).) | ТМ | DATE | |
|----------------------------|--------------------------------------------------------------------------------------------|-------------------------|---------------------------------------------------------------------|--------------------------------------------------|----------------------|--------------|
| INSPECTION 5 (125 Ho | N NO AREA NAME AND NUMBER ur) Armament | | AIRCRAFT SERIAL NO | TOTAL H | OTAL 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 | | | | | |
| 1 1 | components. Inspect debris director assemblies and forward tube as- | | | | | |
| 1 1 | semblies for visual abnormality. | | | | _ | _ |
| 1 1 | Replace TML items that could impair performance. Ensure that TML har- | | | | | _ |
| 1 1 | ness receptacle and launcher har- | | | | | - |
| | ness connector pins are not bent or | | | | | - |
| | broken and phenolic isolators are in- tact. Ensure that TML harness | | | | | |
| | receptacle, launcher harness con- | | | | | _ |
| 1 1 | nector, and umbilical connectors are | | | | | |
| 1 1 | free of corrosion; clean with isopropyl alcohol. Apply lubricant to | | | | | <u> </u> |
| 1 1 | lug assemblies. Apply lubricant to | <u> </u> | | | | |
| | TML harness connector. (TM 9- | | | | | |
| | 1425-473-20) | | | | \dashv | _ |
| 36. | EER Ensure that self locking | - | | | + | - |
| 30. | swing bolts are free from binding. | | | | | - |
| | Ensure that guide pins are secure | | | | | _ |
|] | and not bent or broken. (TM 9-1425- 473-20) | | | | | |
| | 473-20) | | | | | |
| ı j | | | | | | |
| | Check work a | rea for tools | "FOD REMINDER" s and parts after completion of maintenance and insp | pection | | |

| | MAINTENANCE INSPECTION CHECKI (For use of this form, see DA Pamphlet 738-751; the proponent a | | | ТМ | | DATE | |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------------------------------------------------------|------------|----------|---------------|---------|
| INSPECTION N 5 (125 Hour) | O AREA NAME AND NUMBER Armament | | AIRCRAFT SERIAL NO | | TOTAL HO | URS THIS A | REA |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION | I TAKEN | MAN- HOURS | INITIAL |
| 38. | 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) AH-1 P/S DELINKING FEEDER MAU-56/A 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) | | | | | | |
| | Check v | ork area for to | "FOD REMINDER" cols and parts after completion of maintenance and | inspection | | | |

| | MAINTENANCE INSPECTION CHECKL (For use of this form, see DA Pamphiet 738-751; the proponent ag | | | ТМ | | DATE | |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------|------------|-----------------------|---------------|---------|
| INSPECTION N 5 (125 Hour) | | | AIRCRAFT SERIAL NO | | TOTAL HOURS THIS AREA | | REA |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTION | TAKEN | MAN- HOURS | INITIAL |
| 39. 40. 41. | REFLEX SIGHT M73 Inspect reflex sight for damaged components. Check beamsplitter for freedom of movement. Inspect electrical cables for damage. (TM 9-1090-203/206 Series) Deleted AH-1F HUD (M76) Set HUDS PWR switch on STBY. SP fan should run and be audible. (TM 9-1270-220-23&P) | | | | | | |
| | Check w | ork area fo | "FOD REMINDER" r tools and parts after completion of maintenance and | inspection | | | |

| (For use of thi | MAINTENANCE INSPECTION CHECKLI s form, see DA Pamphlet 738-751; the proponent ag | ST (SUPPL Jency is Dep | LEMENTAL SHEET) uty Chief of Staff for Logistics (DCSLOG).) | ТМ | | DATE | |
|----------------------------|-------------------------------------------------------------------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------|---------------|---------|
| INSPECTION 5 (125 Hou | NO. AREA NAME AND NUMBER Armament | | AIRCRAFT SERIAL NO. | | TOTAL HOURS THIS AREA | | |
| AREA AND INSP REQ NO | INSPECTION REQUIREMENTS | STATUS | FAULTS AND/OR REMARKS | ACTIO | ON TAKEN | MAN- HOURS | INITIAL |
| 42. | ELECTRICAL CABLES (TURRET, AMMO COMPARTMENT, GENERAL) AH-1 P/S Inspect. | | | | | | |
| 43. | Perform system functional check (TM 9-1090-203/206 Series). | | | | | | |
| | | | | | | | |
| İ | | | | | | | |
| | | | The state of the s | | | | |
| | | | | | | | |
| | | | | | | | |
| Ì | | | | ··· | | | |
| | | | | | | | |
| Ī | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | - | | | \ | | |
| J | | | | | | | |
| | | | | | | : | |
| | | | | | | | |
| · 5 | | | · | | | | |
| | Check work a | area for tool | "FOD REMINDER" Is and parts after completion of maintenan | ce and inspection | | | |

Signature Sheet (125 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 |

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 | E NO. | | , | Area Name and No. General | Aircraft Serial No. | Da | ate |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------|------------------------------|---------------------|----|---------|
| Inspect Phase No's | Inspection Requirements | s | Status | Faults and/or Remarks | Action Taken | | Initial |
| ALL C | Prior to inspection, check forms and records for recorded deficiencies (Table 1-2). | | | | | - | |
| ALL | Fuel tanks shall be fully sen prior to start of phase inspection maintenance is to be accomplish which requires defueling, this ited be deferred until after such main nance is completed. | . If hed hed he may | | | | | |
| ALL C | 3. Check for honeycomb pane on airframe prior to starting phas submit Maintenance Manhour Exture Limits (MMEL) on voids exc TM limits IAW TB 43-0002-3. | se and xpendi | | | | | |
| ALL C | 4. Engine oil sample. Aircraft ODDS. | without | | | | | |
| ALL C | 5. Transmission oil sample. A without ODDS. | ircraft | | | | | |
| ALL C | 6. 42° gearbox oil sample. | | | | | | |
| ALL C | 7. 90° gearbox oil sample. | | | | | | |

"FOD REMINDER"

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

7-2 Change 7

| PHASE | E NO. | | Area Name and No. General | | Aircraft Serial No. | | nte |
|--------------------------|------------------------------------------------------------------|--------|------------------------------|---|----------------------------------------|--|---------|
| Inspect Phase No's | Inspection Requirements | Status | Faults and/or Remarks | | Action Taken | | Initial |
| ALL C | 8. #1 hydraulic oil sample. | | | | | | |
| ALL C | 9. #2 hydraulic oil sample. | | | : | | | |
| ALL C | 10. #3 hydraulic oil sample. | | | | | | |
| ALL C | 11. Swashplate grease sample. | | | | METER ST. DATE OF THE ST. | | |
| ALL C | 12 Scissors and sleeve grease sple. | am- | | | | | |
| | 13. Deleted | | | | | | |
| | 14. Deleted | | | | | | |
| | 15. Deleted | | | | | | |
| | 16. Deleted | | | | | | |
| ALL C | 17. Inspect internal transmission filter. Aircraft without ODDS. | oil | | | | | |
| ALL C | 17.1 Aircraft equipped with ODD inspect engine chip detector. | S, | | | ************************************** | | |
| ALL C | 17.2 Inspect transmission debris itor. Aircraft with ODDS. | mon- | | | | | |

"FOD REMINDER"

| PHAS | E NO. | | Area Name and No. General | | Aircraft Serial No. | Di | ate |
|--------------------------|----------------------------------------------------------------|--------|------------------------------|---|---------------------|---------------------------------------|---------|
| Inspect Phase No's | Inspection Requirements | Status | Faults and/or Remarks | | Action Taken | | Initial |
| ALL | 18. Inspect 42° gearbox filler vent. | сар | | | | | |
| ALL | 19. Inspect 90° gearbox filler vent. | сар | | | | | |
| ALL | 20. Inspect tail rotor and elevation control tubes and guides. | ator | | | | | |
| ALL C | 21. Inspect K747 blade eroos guards. | ion | | | | · · · · · · · · · · · · · · · · · · · | |
| ALL C | 22. Check swashplate contac | t | | | | | |
| ALL | 23. Inspect scissors and sleev | /e. | | | | | |
| ALL | 23.1 Inspect elastomeric pitch or rod end bearings. | change | | | | | |
| ALL | 24. Wash aircraft. | | | | | | |
| ALL | 25. Deleted | | | | | | |
| ALL | 26. Deleted | | | | | | |
| ALL C | 27. Retorque alternator V-bar clamps. | nd | | | | | |
| ALL | 28. Inspect IR suppressor. | | | : | | | |

"FOD REMINDER"

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

7-4 Change 7

| PHASE N | Ю. | Area Name and No. | | | Aircraft Serial No. | | Date | |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------|-----------------------|---------------------|--------------|----------|---------|
| | | GENERAL | | | <u> </u> | | <u> </u> | |
| Inspect Phase No's | 1 | Inspection Requirements | Status | Faults and/or Remarks | | Action Taker | 1 | Initial |
| ALL | 29. Insp | 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. Clea 55-2840- | an and inspect compressor. (TM -229-23). | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

"FOD REMINDER"

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

7-4.1/(7-4.2 blank) Change 8

TM 55-1520-244-PM

| PHAS | E NO. | Area Name ar NOSE - | | | Aircraft Serial No. Date | |
|--------------------------|----------------------------------------------|---------------------------------------------------------------------------------------------------------|--------|-----------------------|--------------------------|---------|
| Inspect Phase No's | Inspe | ection Requirements | Status | Faults and/or Remarks | Action Taken | Initial |
| ALL | indicator for TSU window | ic sight unit. Check azimuth damage and security. Check for cleanliness and excessive TM 9-1425-473-20) | | | | |
| 1 | tures loose | terior skin for cracks, punc- or missing rivets. Paint for eeling condition. | | | | |
| ALL | 3. Antenna security. | mounts for damage and | | | | |
| 1,3 | | control bellcrank for damage, pearings and security. | | | | |
| ALL | 5. Heater (E tears, condition Access 2 | ECU) ducts for cracks, cuts, on and security. | | | | |
| | | | | | | |

| PHAS | SE NO. | Area Na NC | me and N OSE-1 | lo. | Air | craft Serial No. | Date | |
|--------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------|--------------------|------|------------------|------|---------|
| Inspect Phase No's | Inspe | ection Requirements | Status | Faults and/or Rema | arks | Action Taken | | Initial |
| 1 | Nose structure for cracks and corrosion. Access 1, 2 | | | | | | | |
| ALL | 7. Check anter minals for sec condition. | nna cables, connectors and ter- urity, corrosion and general | | | | | | |
| 2, 4 | 8. Check anter condition, and cl operable: cracks | nnas or completeness, general eanliness. (Dents are allowed if are not allowed.) | | | | | | |
| 2, 4 | 9. Radar Warni R-1838()/APR- Check for compl cleanliness. (Den are not allowed.) | ng Dual Receiver 39 eteness, general condition, and ts are allowed if operable: cracks | | | | | | |
| ALL | 10. Pilot and s and base connec | tatic lines for chafing, security, tions. | | | | | | |

"FOD REMINDER"

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

7-6 Change 2

TM 55-1520-244-PM

| PHAS | E NO. | Area Name ar TURRET AND AMMUNITION | | ARTMENT -2 | | Aircraft Serial No. | Date | |
|--------------------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----|---------------------|------|--------|
| Inspect Phase No's | Inspi | sction Requirements | Status | Faults and/or Rema | rhs | Action Taken | | Indial |
| ALL | security. All hardware for AIM-1/EXL corrosion, so (AH-1F) AII front window | niring for cracks and I turret mounting or corrosion and security. aiming light for ecurity and cleanliness. M-1/EXL aiming light or for cleanliness, ratches and cracks. | Manager Control of the Control of th | | | | | |
| 1 | cracks, den | ion compartment doors for ts and other damage. Door ading separation and tears. | | | | | | |
| 1 | Door late proper opera | ch mechanism for wear and tion. | nggg (Tittle lidd little library | | | | | |
| ALL | 4. Door sustrands and Access 2 | | | | | | | |
| ALL | Inspect shat wear, bindin housing for | | | | | | | |

| PHAS | E NO. | Area Name and No TURRET AND AMMUNITION COMPARTMENT - 2 | | | | Arcraft Senai No | Date | |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|--------|--------------------|------|------------------|------|-------|
| Inspect Phase No's | Insp | action Requirements | Status | Faulis and/or Rema | wite | Action Taken | | Inezi |
| 1,3 | 6. Ammo compartment structure for cracks, punctures and corrosion. Teflon runners for bonding separation and tears. Access 24 | | | | | | | |
| ALL | 7. Heater (ECU) ducts for cracks, cuts, tears, condition and security. Access 30 | | | | | | | |
| 1 | Cyclic ja and security Access | | | | | | | |
| 1, 3 C | 9. Flight damage, bin and security Access | | | | | | | |
| 1, 3 C | 10. Flight of for damage security. Access | control bellcranks and supports condition of bearings and 30, 53 | | | | | | |

"FOD REMINDER"

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

7 - 8 Change 1

| рцас | SE NO. | Area Na | me and N | o . | Air | craft Serial No. | Date | |
|--------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------|-------------------|---------------------|------------------|----------------------------------------------------------|---------|
| FRAS | 3E 14O. | TURRET AND AMMUN | MPARTMENT - 2 | | | | | |
| Inspect Phase No's | Inspe | ection Requirements | Status | Faults and/or Rem | emarks Action Taken | | 44370 ₄ 4430000000000000000000000000000000000 | Initial |
| 1 | 11. Hydraulic lines and hoses for leakage, chafing, damage and security. (As Applicable). Access 24, 30, 53 | | | | | | | |
| ALL C | 12. SCAS motion transducers for damage and security. Access 53 | | | | | | | |
| ALL | 13. Electrical v corroded connec | viring for chafing and loose or tions. | | | | | | |
| ALL | 13.1 SECU: Ins hardware. Acces | spect for security, corrosion, and s 53 | | | | | | |
| ALL | 14. Electrical relays for security. Access 23 | | | | | | | |
| ALL | 15. Pitot static | drain for moisture. 71 | | | | | | |

"FOD REMINDER"

| PHASE | NO. | 7 C. Littler Flood His. TURRET AFFE LAMUNISHOU COMPANYS (1945 - 2) | | 5 (35) × | Gerial No Doo | |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------------------|---------------|---------|
| Inspect Phase No's | Inspec | tion Requirements | Status | Victory particle transfer | Action Taken | Initial |
| ALL | LL. 16. Check wiring of Ending/assuch light for chafing, loose or corroded connections, and signs of heat damage (burnt insulation). | | | | | |
| ALL C | Release elevation move barrel clust three times to m | DRIVE CLUTCH (AH-1744) In drive motor brake and er up and down two or hake certain that election the to move. Perform clutch 090-206 Series) | | | | |
| ALL C | lubricate. Check g bly. Check aft ro | Sassemble, clean, and general condition of assemulation of assemulation of assemulation of gage. Series) | | | | |
| ALL | 19. Inspect ARM security and corros | MT LRUs/components for sion. | | | | |
| ALL | Check gears for and electrical cabl | drive assembly M134 (P/S): chipped or missing teeth e for cuts or fraying. Clean 9-1090-203 Series) | | | | |
| ALL | | in, M134 AH-1P/S: Disas- icate (TM-1090-203). | | | | |
| | 20.2. Deleted. | roque en menera de composições com a mandos en en el control de distribuição e a composições de tien to contro | | | | |

"FOD REMINDER"

| DUAG | SE NO. | Area Na | me and N | O. | Air | craft Serial No. | Date | |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------------|-----------------------|------------------|------|---------|
| PHAS | SE NO. | TURRET AND AMMUNI | TION CO | MPARTMENT - 2 | | | | |
| Inspect Phase No's | Inspection Requirements | | Status | Faults and/or Rema | Faults and/or Remarks | | ı | Initial |
| ALL | AH-1P/S 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 C | 22. Recoil Adap Perform recoil a 1090-206 Series | dapter preload check. (TM 9- | | | | | | |
| ALL | cracked, dented, the grenade laun semblies through tion. Check to see freely, that a defi drum assembly | ade launcher: (P/S) Inspect for or loose parts, manually cycle cher using the plug and link asmone complete cycle of operate that feed slide assembly moves nite effort is required to turn the to cock and fire the launcher. ate. (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"

| PHAS | SE NO. | Area Name and No. | | | Aircraft Serial No | l. | Date |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|--------------------|--------------|------|
| | | TURRET AND AMMUN | ITION COMPA | RTMENT - 2 | | | |
| Inspect Phase No's | Inspe | ection Requirements | Status | Faults and/or Remarks | S | Action Taken | |
| ALL C | 24. DYNAMIC BRAKE TRANSDUCER AH-1P/S Test the dynamic brake transducer in accordance with TM 9-1090-203 Series. | | | | | | |
| ALL C | 25. Turret Assembly AH-1E/F: Lubricate Assembly. (TM 9-0190-206 Series) | | | | | | |
| ALL | dirt, excessive g waste, or other for or frayed wiring. | Turret: Inspect components for rease or oil, metal filings, solder oreign matter. Inspect for broken Inspect aft weapons support for (TM 9-1090-203 Series) | | | | | |
| ALL 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 | | ON FEED SYSTEM AH-1E/F: ate (TM 9-1090-206). | | | | | |
| ALL C | clean, inspect, a linked rounds of | NNON AH-1E/F: Disassemble, and lubricate. Manually cycle six dummy ammo through the M89 anon. (TM 9-1090-206) | | | | | |
| ALL | 30. GUN DRIVE ASSEMBLY AH-1E/F: Clean and lubricate (TM 9-1090-206). | | | | | | |

"FOD REMINDER"

| PHAS | SE NO. | Area Name ai CREW COMPARTME | EAR) | | Aircraft Serial No. | Date | | |
|--------------------------|-----------------------------------------------------|-------------------------------------|--------|---------------------|---------------------|--------------|--|---------|
| Inspect Phase No's | Inspe | ection Requirements | Status | Faults and/or Remai | rks | Action Taken | | Initial |
| ALL | 1. Canopy fr | Canopy frame for cracks and damage. | | | | | | |
| | ALL 2. Pilots door for proper alignment and damage. | | | | | | | |
| ^ I I | | | | | | | | |
| ALL | | | | | | | | H |
| | | | | | | | | |
| ALL | ALL 3. Pilots door latch for wear and proper | | | | | | | |
| | operation. | | | | | | | |
| | | | | | | | | H |
| ALL | 4. Pilots doo | r hinge for wear, cracks and | | | | | | |
| | security. | | | | | | | |
| | | | | | | | | |
| 1,3 | | or seal for bonding separa- | | | | | | |
| | tion, cuts and | tears. | | | | | | H |
| | | | | | | | | |

| PHAS | PHASE NO. CREW COMPARTME | | | DEAD) | | Aircraft Serial No. | Date | |
|--------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------|--------|-----------------------|--|---------------------|------|---------|
| Inspect Phase No's | Inspection Requirements | | Status | Faults and/or Remarks | | Action Taken | | Initial |
| ALL | LL 6. Pilots door strut for proper operation and security. | | | | | | | |
| ALL C | transmission | anopy removal system, signal lines (tubes) and linear expreaks and condition. | | | | | | |
| 1, 3 | 8. Pilots se | at for damage and security. | | | | | | |
| 1, 3 | 9. Pilots se locking in all | eat for positive movement and positions. | | | | | | |
| ALL | 10. Pilots s Attachment security. | afety belts for cuts or fraying. fittings for corrosion and | | | | | | |

| Р | HASE NO. | Area N CREW COMPA | Name and No. ARTMENT - 3 (REAR) | | Airc | raft Serial No. | Date | |
|--------------------------|----------------------------------------------------|-----------------------------------------------------|------------------------------------|----------------------|------|-----------------|------|---------|
| Inspect Phase No's | | | Status | Faults and/or Remark | s | Action Taken | | Initial |
| ALL | 11. Pilots shou fraying. Attachmo | lder harness for cuts or ent fittings for corrosion | | | | | | |
| ALL | 12. Pilots inerti ing, positive lock cracks. | a reel for security, bind- ing, unlocking, and | | | | | | |
| ALL | 13. Pilots armo security. | or plate for damage and | | | | | | |
| ALL | 14. Inspect/test system. | t turbine gas temperature | | | | | | , |
| ALL | 15. Instrument damage. | panel glare shield for | | | | | | |
| | | | | | | - | | |
| | | | | | | | | |
| | | | | | | | | |

"FOD REMINDER"

| Р | HASE NO. | Area Name and No. CREW COMPARTMENT - 3 (REAR) | | | Aircraft Serial No. | | Date | |
|--------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------|--------|----------------------|---------------------|--------------|------|---------|
| Inspect Phase No's | se Inspection Requirements | | Status | Faults and/or Remark | s | Action Taken | | Initial |
| ALL | ALL 16. Pitot and static lines for chafing, security and loose connections. | | | | | | | |
| 2 | 17. Fuel quanti for correct calibra airframe manual | ity indicator system ation per applicable | | | | | | |
| ALL | 18. Pilots cano scratches, crazir | py windows for cracks, ng, and warping. | | | | | | |
| 1, 3 C | 19. Tail rotor of damage, binding and security. | ontrol push-pull tubes for I, worn bearings, corrosion | | | | | | |
| 1, 3 | 20. Control boo security. | ot for cuts, tears and | | | | | | |

"FOD REMINDER"

| PHAS | | Area Name and No. CREW COMPARTMENT -3 (REAR) | | | | Data | |
|--------------------------|-------------------------------------------------------------------------|----------------------------------------------|--------------------|-----|--------------|-----------------------------------------------------------------------------------------------------------------|--|
| Inspect Phase No's | Inspection Requirements | Status | Faults and/or Rema | rks | Action Taken | ken In | |
| 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. | | | | | | |
| | | , | | | | → 20mm (20mm) | |
| ALL | 24. Cabin structure for cracks, corrosion, loose or missing rivets. | | | | | | |
| ALL | 25. Heater (ECU) ducts for cracks, cuts, tears, condition and security. | | | | | | |
| | | | | | | | |

| PHASE No. | | Area Nam CREW COMPAR | e and No. 「MENT -3 (REAR) | | Aircraft Serial No. | | |
|--------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|------------------------------|-----------------------|---------------------|----|---------|
| Inspect Phase No's | Inspec | tion Requirements | Status | Faults and of Remarks | Action Tak | en | Initial |
| ALL | L 26. Check circuit breakers switches and knobs for security and proper operation | | | | | | |
| ALL | | cy cards, decals, stencils, and currency and legibility. | | | | | |
| 2, 4 | ness, general co | Amplifier: Check for complete- ondition, security and cleanli- allowed if operable. Cracks are | - - | | | | |
| | completeness, ge | nstruments (indicators) for eneral condition, security . Ensure instrument lights | | | | | |
| ALL | completeness, g | ontrol panels and heads for general condition, security insure lights work properly. | | | | _ | |
| ALL c | | D (M76): Set HUDS PWR SP fan should run and be 0-220-23&P) | | | | _ | |
| ALL | I is free from bin glass is not crack | MSP/MSI: Ensure that switch ading. Ensure that indicator ked or broken and that moisinside of glass (TM 9-1425- | I | | | | |

"FOD REMINDER"

| | | Area Na | me and N | lo | Air | craft Serial No | Date | |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|----------|--------------------|------|-----------------|------|---------|
| PHAS | SE NO. | CREW COMPAR | RTMENT | 3 (REAR) | | | | |
| Inspect Phase No's | inspe | ection Requirements | Status | Faults and/or Rema | arks | Action Taken | | Initial |
| 2, 4 C | 31. SCAS 3 - Axis Rate Sensor (E/F): 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): 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): 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 sou | und proofing for cuts, tears, and | | | | | | |
| ALL | 33.2. Pilots cyc | lic and collective friction adjust- | | | | | | |
| ALL | 33.3. RMS-DU: (TM 9-1090-207- | Perform applicable inspections | | | | | | |
| 2.4 | rosion, dents, an | ect for security of mounting, cor- nd cracks. Inspect attached wir- cuts, or other damage (TM 9- | | | | | | |
| ALL | | ually inspect rails for proper op- and cleanliness (TM 9-1270-212- | | | | | | |
| AL | for damaged com | t AH-IE/P/S: Inspect reflex sight apponents. Check beamsplitter for ement. Inspect electrical cables 9-1090-203/206 Series) | | | | | | |

"FOD REMINDER"

| | | Area Na | me and No. | craft Serial No. | Date | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--------------------------------|----------------|-----------------------|--------------|---------|
| PHASE | NO. | CREW COMPART | MENT -3 (FRONT | ") | | |
| Inspect Phase No's | Inspec | ction Requirements | Status I | 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) | | | | | | |
| i | 33.8. Deleted. | | | | · | |
| ALL | 34. Canopy frame fo | or cracks and damage. | | | | |
| ALL | 35. Gunners doo damage. | or for proper alignment and | | | | |
| ALL | 36. Gunners door damage. | latch for proper alignment and | | | | |
| ALL | | r hinge for wear, cracks and | | | | |
| | security. | | | | | |
| ALL | 38. Gunners door s cuts and tears. | seal for bonding separation, | | | | |

"FOD REMINDER"

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

7-20 Change 6

| PHAS | E NO. | Area Name a | | RONT | | Aircraft Serial No. | Date | |
|--------------------------|-------------------------------------|-------------------------------------------------------------------------------------------|--------|--------------------|-----|---------------------|------|---------|
| Inspect Phase No's | Insp | ection Requirements | Status | Faults and/or Rema | rks | Action Taken | | Initial |
| ALL | 39. Gunne tion and sec | rs door strut for proper opera- urity. | | | | | | |
| ALL C | signal transn | rs canopy removal system, nission lines (tubes) and linear or breaks and condition. | | | | | | |
| 1,3 | 41. Gunner security. | rs seat for damage and | | | | | | |
| ALL | 42. Gunner security. | rs arm rest for condition and | | | | | | |
| ALL | 43. Gunneling. Attachm security. | rs safety belts for cuts or fray- nent fittings for corrosion and | | | | | | |

| | | Area Name a | nd No. | | Aircraft Serial No. | Data |
|--------------------------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-----------|-----------------------|---------------------|----------|
| PHAS | SE NO. | CREW COMPARTMEN | NT -3 (FF | CONT) | | |
| Inspect Phase No's | Insp | ection Requirements | Status | Faults and/or Remarks | Action Taker | n Intial |
| ALL | 44. Gunners shoulder harness for cuts or fraying. Attachment fittings for corrosion and security. | | | | | |
| ALL | | s inertia reel for security, itive locking, unlocking and | | | | |
| ALL | 46. Gunners security. | armor plate for damage and | | | | |
| ALL | 47. Instrum damage. | ent panel glare shield for | | | | |
| ALL | 48. Control security. | boot for cuts, tears, and | | | | |

| | | Area Na | me and N | lo. | Air | craft Serial No. | Date | |
|--------------------------|-----------------------------------------|------------------------------------|----------|---------------------------------------|------|------------------|------|---------|
| PHAS | SE NO. | CREW COMPAR | TMENT - | 3 (FRONT) | | | | |
| Inspect Phase No's | Inspe | ection Requirements | Status | Faults and/or Rema | arks | Action Taken | | Initial |
| | | | | | | | | |
| ALL | 49. Electrical | wiring for chafing and loose or | - | · · · · · · · · · · · · · · · · · · · | | | | |
| 1 | corroded connec | tions. | ļ | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| ALL | EO Electrical re | Nave for ecourity | | | | | | |
| ALL | 50. Electrical relays for security. | | | | | | | |
| | | | | | | | | |
| | 51. Cockpit for damage and cleanliness. | | | | | | | |
| ALI | | | | | | <u> </u> | | l |
| ALL | 51. Cockpation | damage and cleanliness. | | | | | | |
| | | | | | | | | |
| suori. Suoria | | | | | | | | |
| ALL | 52. Cabin struc | cture for cracks, corrosion, loose | ļ | | | | | |
| | or missing rivets. | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| , to 1 | | | | | | | | |
| ALL | 53. Heater (EC | U) ducts for cracks, cuts, tears, | ļ | | | | | |
| | condition and sec | curry. | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

"FOD REMINDER"

| P | HASE NO. | Area Na CREW COMPAR | ame and | No. - 3 (FRONT) | Airc | craft Serial No. | Date | |
|--------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------|----------------------|------|------------------|------|---------|
| Inspect Phase No's | Inspec | ction Requirements | Status | Faults and/or Remark | vs | Action Taken | | Initial |
| ALL | 54. Gunners ca scratches, crazin | nopy windows for cracks, g, and warping. | | | | | | |
| ALL | 55. Deleted. | | | | | | | |
| ALL C | 56. Deleted. | | | | | | | |
| ALL C | 57. ADS (AH-1I of damage and contions. Check that (TM 9-1270-219- | F): Check system for any signs ondition of electrical connecswiveling probe rotates freely. 13&P) | | | | | | |

"FOD REMINDER"

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

7-24 Change 4

| DUAG | SE NO. | Area Na | me and N | lo. | Air | craft Serial No. | Date | |
|--------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------|------|------------------|------|----------|
| PHAS | SE NO. | CREW COMPAR | RTMENT | (FRONT) | | <u></u> | | - |
| Inspect Phase No's | Inspe | ection Requirements | Status | Faults and/or Rem | arks | Action Taken | | Initial |
| ALL C | 58. HSS: Visi operation, securi 212-14&P) | ually inspect rails for proper ity, and cleanliness. (TM 9-1270- | | | | | | |
| ALL C | With laser windowindow has scration, it is not that and field of vision is installed. Visual | shield is not cracked or brittle. w cover removed, ensure that if atches, nicks or coating deterio- to the extent that it impairs view a. Ensure that laser window cover ally inspect LEU for physical dam- at connectors are secure as re- | | | | | | |
| ALL C | binding. Ensure from abnormal lo | ure that switches are free from that track control stick is free poseness. Check mounting brackort. Ensure contractor is securely PACQ/TRK/STOW switch is set 0-1425-473-20) | | | | | | |

"FOD REMINDER"

| Pł | HASE NO. | Area Na CREW COMPAR | ame and | No. - 3 (FRONT) | Airc | craft Serial No. | Date | |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------------|------|------------------|------|---------|
| Inspect Phase No's | Inspe | ction Requirements | Status | Faults and/or Remarks | 5 | Action Taken | | Initial |
| ALL | 61. Deleted. | | | | | | | |
| ALL | not cracked or br not cracked or br moved, ensure th nicks or coating of extent that it imports Ensure that small | ut LAAT): Ensure that optics are roken. Ensure that eyeshield is ittle. With window cover renat if window has scratches, deterioration, it is not to the airs view and field of vision. I window cover is installed snap slides are safety wired. | | | | | | |
| ALL | 63. Deleted. | | | | | | | |

"FOD REMINDER"

| | | Area Na | me and N | lo. | Airc | raft Serial No. | Date |
|--------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------|------|-----------------|--------|
| PHAS | SE NO. | CREW COMPAR | TMENT . | 3 (FRONT) | | | |
| Inspect Phase No's | Inspe | oction Requirements | Status | Faults and/or Rem | arks | Action Taken | Initia |
| ALL | free from binding tates only CW). I cracked or broke ible inside of gla | re that controls and switches are p. (MISSILE SELECT switch ro- Ensure that indicator glass is not en and that moisture is not visass. (MODE SELECT switch to 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

7-27 Change 2

| PHASE N | Ю. | Area Name and | No. | | Aircraft S | Serial No. | Date | • |
|--------------------------|-----------|-------------------------------------------------------------------------------|------------|--------|----------------|--------------|------|---------|
| | | CREW COMPARTMENT | - 3 (FRONT |) | | | | |
| Inspect Phase No's | 1 | nspection Requirements | Status | Faults | and/or Remarks | Action Taken | 1 | Initial |
| ALL | | ck circuit breakers, switches and security and proper operation. | | | | | • | |
| | | | | | | | | |
| | | | | | | | | |
| ALL | | ck frequency cards, decals, stencils, r insignia for currency and legibility. | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| ALL | | ck instruments (indicators) for broken glass, and cleanliness. | | | | | | |
| | | hts for proper operation. | | | | | | |
| ALL | | ck control panels and heads for general condition and cleanliness. | | | | | | |
| | | hts for proper operation. | | | | | | |
| | | | | | | | | |
| 2, 4 | 72. VHF | FM Homing Filter (AH-1E/P/S): | | | | | | |
| | and clear | or completeness, general condition, nliness. | | | | | | |
| | | | | | | | | |
| ALL | 73. Insp | ect and test OAT/FAT Gauge in | | | | | | |
| С | accordar | nce 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

| PHAS | E NO. | Area Name a | | | | Aircraft Serial No. | Date | |
|--------------------------|---------------------------------------------------|----------------------------------------------------------------------------------|-----------|-----------------------------|------|---------------------|------|---------|
| Inspect Phase No's | | FORWARD FUSELAGE | - 4 (RIGI | HT SIDE) Faults and/or Rema | irks | Action Taken | | Initial |
| | loose or mis | skin for cracks, punctures, ssing rivets. Paint and decals or peeling condition. | | | | | | |
| ALL | cracks, corre fasteners. | Access 3, 4, 5 3. Flight control push-pull tubes for | | | | | | |
| 1, 3 C | 3. Flight of damage, bin and security. Access | ding, worn bearings, corrosion | | | | | | |
| 1, 3 C | Cyclic co worn bearing Access | ontrol link for damage, binding, gs, corrosion and security. | | | | | | |
| 1,3 C | 5. Flight co for damage security. Access | ontrol bellcranks and supports . condition of bearings and 3, 4, 5 | | | | | | |

| PHASI | E NO. | Area Name FORWARD FUSELAG | | DE) | | Aircraft Serial No. | Date | |
|--------------------------|---------------------------------------|---------------------------------------------------------|--------|---------------------|-----|---------------------|------|---------|
| Inspect Phase No's | Insp | ection Requirements | Status | Faults and/or Remai | rks | Action Taken | | Initial |
| 1,3 | 6. Electrica or corroded Access | al wiring for chafing and loose connections. 3, 4, 5 | | | | | | |
| ALL | 7. Heater tears, condit | (ECU) ducts for cracks, cuts, ion and security. | | | | | | |
| 1 | 8. Forward corrosion and condition | | | | | | | |
| ALL C | 9. ADS: I security, cor only). | nspect arm and head for rosion, and hardware (AH-1F | | | | | | |
| 2, 4 C | | Threshold: Check for comecurity, general condition, and | | | | | | |

| DUAG | SE NO. | Area Na | me and N | lo. | Air | craft Serial No. | Date | |
|--------------------------|----------------------------------------------------|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------|------------------|------|---------|
| FIIA | 3E NO. | FORWARD FUSEL | AGE 4(| RIGHT SIDE) | | | | |
| Inspect Phase No's | Inspe | ection Requirements | Status | Faults and/or Rem | arks | Action Taken | | Initial |
| 2, 4 | 11. UHF Filter: | etopogo gogyrity poporal acadi | | | | | | |
| | tion, and cleanlin | eteness, security, general condi- ess. | gan dan di Tapanana mengana Magaman sana mana di Prisanana makadi Minasa manaha mana dan dan dan dan dan dan dan dan dan | | | | | |
| ALL C | 12. TCA/ECA: broken connecto 203/206 Series) | Inspect for security, loose or rs, and corrosion. (TM 9-1090- | | | | | | |
| | Access 3 | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | West and Williams and Williams | | | |
| | | | | | V | | | |
| | | | | | | | | |

"FOD REMINDER"

| PHASE | NO. | Area Nar FORWARD FUSEL | ne and No. AGE -4 (LEFT SID | Е) | Aircraft Serial No. | Date |
|--------------------------|--------|----------------------------------------------------------------------|--------------------------------|-----------------------|---------------------|------|
| Inspect Phase No's | Inspec | ction Requirements | Status | Faults and/or Remarks | | |
| 1 | | n for cracks, punctures, and rivets. Paint and decals for condition. | | | <u> </u> | |
| ALL | | al panels for punctures, cracks, sing or stripped fasteners. | | | | |
| | | ush-pull tubes for damage gs, corrosion and security. | | | | |
| 1,3 C | _ | pellcranks and supports for of bearings and security. | | | | |
| ALL C i | | push-pull rods for damage, gs, corrosion and security. | | | | |

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

Change 6 7-32

| Duas | NE NO | Area Na | me and N | 0. | Air | craft Serial No. | Date | |
|--------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|----------|--------------------|------|------------------|--------|---------|
| PHAS | SE NO. | FORWARD FUSEL | AGE - 4 | (LEFT SIDE) | | | l i | |
| Inspect Phase No's | Inspe | ection Requirements | Status | Faults and/or Rema | arks | Action Taken | | Initial |
| ALL C | 17. Throttle codamage, condition | ontrol bellcrank and supports for on of bearings and security. | | | | | | |
| ALL C | 18. Electrical relays for security. Visually inspect power transformer mount for cracks. Access 3, 4, 5 | | | | | | | |
| ALL | 19. Electrical was corroded connected Access 3 | | | | | | | |
| ALL | 20. Pitot and s and for loose cor Access 3 | | | | | | | |
| ALL | 21. Heater (ECU) ducts for cracks, cuts, tears, condition and security. Access 3, 4 | | | | | | | |
| | | | | | | | | |

| BUAG | OF NO | Area Na | me and N | lo. | Air | craft Serial No. | Date | |
|--------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------|-----------|-------------------|------|------------------|------|---------|
| PHAS | SE NO. | FORWARD FUSEL | AGE - 4 9 | PLEFT SIDE) | | | | |
| Inspect Phase No's | Inspe | ection Requirements | Status | Faults and/or Rem | arks | Action Taken | | Initial |
| 1 | 22. Forward fur rosion and dama tion. | selage structure for cracks, corage. Steps for cracks and condi- | | | | | | |
| | 23. Deleted | | | | | | | |
| | 24. Deleted | | | | | | | |
| 2, 4 | 25. FM Commu Check for comp curity, and clean erable, Cracks a | leteness, general condition, se- liness. (Dents are allowed if op- | | | | | | |

| PHASE | NO. | Area Nam FORWARD FUSELA | e and No, | | ft Serial No. Date | |
|--------------------------|-------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------|-----------------------|--------------------|---------|
| Inspect Phase No's | Inspe | ection Requirements | Status | Faults and/or Remarks | Action Taken | Initial |
| 2,4 | 26. VHF Filter: Check for comp security, and clea operable, Cracks a | leteness, general condition, Inliness. (Dents are allowed if re not allowed) | | | | |
| | 27. Deleted. | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| РНΔ | SE NO. | Area Na | me and N | 0 | Air | craft Serial No. | Date | |
|--------------------------|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------|--------------------|------|------------------|------|---------|
| | SE 140. | LANDING GEAR AND | BOTTOM | FUSELAGE - 5 | | | | |
| Inspect Phase No's | Inspe | ection Requirements | Status | Faults and/or Rema | arks | Action Taken | | Initial |
| 1 | Exterior skin ing rivets. Paint ing condition. | for cracks, punctures, or miss- and decals for chipped or peel- | | | | | | |
| ALL | Antennas and antenna mounts for damage, security and completeness. | | | | | | | |
| ALL | 3. Bottom strucracks, corrosioners. | actural panels for punctures, a and missing or stripped fasten- | | | | | | |
| 1 | corrosion and mi | ers/panels for punctures, cracks ssing or stripped fasteners. 32, 33, 38, 43, 45, 50, 52 | | | | | | |
| 1, 3 | binding, worn bea | ol push-pull tubes for damage, arings, corrosion and security. 32, 33, 38, 43, 45, 46, 50, 52 | | | | | | |

"FOD REMINDER"

| PHAS | SE NO. | Area Na | me and N | lo. | Ai | rcraft Serial No. | Date | |
|--------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------------------|----------|--------------------|------|-------------------|------|---------|
| | | LANDING GEAR AND | BOTTOM | 1 FUSELAGE 5 | | | | |
| Inspect Phase No's | Inspe | ection Requirements | Status | Faults and/or Rema | arks | Action Taken | | Initial |
| 1, 3 C | 6. Flight contro | ol bellcranks and supports for on of bearing and security. | | | | | | |
| | - | 32, 33, 38, 43, 45, 46, 50, 52 | | | | | | |
| is is | | | | | | | | |
| 1, 3 C | 7. Tail rotor control levers and supports for damage, condition of bearings and security. | | | | | | | |
| | Access | 32, 33, 38, 43, 45, 46, 50, 52 | | | | | | |
| | | | | | | | | |
| 1, 3 C | condition of bear | atrol walking beam for damage, ings and security. | | | | | | |
| | Access | 32, 43, 45, 46 | | | | | | |
| ALL | 9. Throttle conf | trol push-pull rods for damage, | | | | | | |
| C | • | arings, corrosion and security. 32, 33, 38, 43, 45, 46, 50, 52 | | | | | | |
| edi Va | ACCESS 52, 55, 56, 45, 45, 40, 50, 52 | | | | | | | 凵 |

| PHAS | SE NO. | Area Na LANDING GEAR AND | me and N | | Aiı | rcraft Serial No. | Date |
|--------------------------|----------------------------|----------------------------------------------------------------------------------------------|----------|-------------------|------|-------------------|--------|
| Inspect Phase No's | Inspe | ection Requirements | Status | Faults and/or Rem | arks | Action Taken | Initia |
| ALL C | damage, condition | ntrol bellcranks and supports for on of bearings and security. | | | | | |
| ALL C | damage, condition | Throttle control idler and support for amage, condition of bearings and security. Access 50 | | | | | |
| ALL C | 12. SCAS actusecurity. | ators for damage, leakage and | | | | | |
| ALL C | 13. SCAS moti security. | on transducers for damage and | | | | | |
| ALL | 14. Electrical re | elays for security. 32, 33, 38, 43, 45, 46, 50, 52 | | | | | |

"FOD REMINDER"

| PHASE | NO. | Area Nan LANDING GEAR AND I | ne and No. BOTTOM | FUSELAGE -5 | Aircra | ft Serial No. | Date | |
|--------------------------|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|----------------------|-------------|------------|---------------|------|---------|
| Inspect Phase No's | Inspe | ection Requirements | Status | Faults and/ | or Remarks | Action Taken | | Initial |
| ALL | corroded connection | ing for chafing and loose or ons. 38, 43, 45, 46, 50, 52 | | | | | | |
| 1 | ing, damage and s | 16. Hydraulic lines and hoses for leakage, chaf- ng, damage and security. Access 32, 33, 38, 43,45,46, 50, 52 | | | | | | |
| 1 | loose or missing riv | ucture for cracks, corrosion, /ets. , 38, 43,45,46, 50, 52 | | | | | | |
| ALL | 18. Cross tube sup cracks and corrosic Access 45, 52 | oport castings for damage, on. | | | | | | |
| ALL | cracks, corrosion | attachment clamps for wear, n and security. Rubber cracks and deterioration. | | | | | | |

| PHAS | SE NO. | Area Na LANDING GEAR AND | ame and No BOTTOM FUS | SELAGE - 5 | Aircraft Se | rial No | Date | |
|--------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------|-------------|--------------|------|---------|
| Inspect Phase No's | Insp | ection Requirements | Status | Faults and/or Rema | arks | Action Taken | | Initial |
| 1 | 20. Cross tube surement (jack a Access | | | | | | | |
| ALL C | tention to the aft tube in the area tachment. | 21. Cross tubes for cracks. Pay particular a ention to the aft portion of the right forward cross ube in the area from the step to the saddle at achment. Access 45, 52 | | | | | | |
| | Access | 45, 52 | | | | | | |
| ALL | wave inspection move saddle br tion. NOTE: Perform transition course dedicated to pil aircraft using lo | or dye penetrant inspection. Re- acket for dye penetrant inspec- on aircraft assigned to approved es, or those aircraft specifically ot standardization training, and scally manufactured heavy duty ils. Access 45, 52 | | | | | | |
| ALL | 23. Cross tube missing fastener Access | | | | | | | |

"FOD REMINDER"

| | | | M FUSELAGE - 5 | <u> </u> | | | · |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inspe | ction Requirements | Status | Faults and/or Remark | s | Action Taken | | Initial |
| 24. Landing ski tion and wear. | id tubes for cracks, distor- | | | | | | |
| 25. Landing sk wear, cracks and | id shoes for excessive I security. | | | | | | |
| for security, loos | e/broken connectors. | | | | | | |
| Check for compl | eteness, security, general | | | | | | |
| Check for compl | leteness, security, general | | | | | | |
| 29. Bleed air to looseness and prinstallation. | ubing connections for proper safety wire | | | | | | |
| | 24. Landing sk tion and wear. 25. Landing sk wear, cracks and 26. Logic Relator security, loos (TM 9-1090-206) 27. Doppler Ur Check for complementation, and classes and condition, and classes and condition, and classes and condition, and classes and condition and classes are classes and classes and classes are classes are classes and classes are cla | 24. Landing skid tubes for cracks, distortion and wear. 25. Landing skid shoes for excessive wear, cracks and security. 26. Logic Relay Assembly AH-1F. Inspect for security, loose/broken connectors. (TM 9-1090-206-20-1) 27. Doppler Unit AH-1F:RT-1193()/ASN-128 Check for completeness, security, general condition, and cleanliness. 28. Armament Compensator Unit AH-1E/F. Check for completeness, security, general condition, and cleanliness. 29. Bleed air tubing connections for looseness and proper safety wire | 24. Landing skid tubes for cracks, distortion and wear. 25. Landing skid shoes for excessive wear, cracks and security. 26. Logic Relay Assembly AH-1F. Inspect for security, loose/broken connectors. (TM 9-1090-206-20-1) 27. Doppler Unit AH-1F:RT-1193()/ASN-128 Check for completeness, security, general condition, and cleanliness. 28. Armament Compensator Unit AH-1E/F. Check for completeness, security, general condition, and cleanliness. | 24. Landing skid tubes for cracks, distortion and wear. 25. Landing skid shoes for excessive wear, cracks and security. 26. Logic Relay Assembly AH-1F. Inspect for security, loose/broken connectors. (TM 9-1090-206-20-1) 27. Doppler Unit AH-1F:RT-1193()/ASN-128 Check for completeness, security, general condition, and cleanliness. 28. Armament Compensator Unit AH-1E/F. Check for completeness, security, general condition, and cleanliness. | 24. Landing skid tubes for cracks, distortion and wear. 25. Landing skid shoes for excessive wear, cracks and security. 26. Logic Relay Assembly AH-1F. Inspect for security, loose/broken connectors. (TM 9-1090-206-20-1) 27. Doppler Unit AH-1F:RT-1193()/ASN-128 Check for completeness, security, general condition, and cleanliness. 28. Armament Compensator Unit AH-1E/F. Check for completeness, security, general condition, and cleanliness. | 24. Landing skid tubes for cracks, distortion and wear. 25. Landing skid shoes for excessive wear, cracks and security. 26. Logic Relay Assembly AH-1F. Inspect for security, loose/broken connectors. (TM 9-1090-206-20-1) 27. Doppler Unit AH-1F:RT-1193(/ASN-128 Check for completeness, security, general condition, and cleanliness. 28. Armament Compensator Unit AH-1E/F. Check for completeness, security, general condition, and cleanliness. | 24. Landing skid tubes for cracks, distortion and wear. 25. Landing skid shoes for excessive wear, cracks and security. 26. Logic Relay Assembly AH-1F. Inspect for security, loose/broken connectors. (TM 9-1030-206-20-1) 27. Doppler Unit AH-1F:RT-1193()/ASN-128 Check for completeness, security, general condition, and cleanliness. 28. Armament Compensator Unit AH-1E/F. Check for completeness, security, general condition, and cleanliness. |

"FOD REMINDER"

| PHASE N | Ю. | Area Name and | No. | | Aircraft S | erial No. | Date | |
|--------------------------|------------------------|---------------------------------------------------------------------|--------|---------|----------------|--------------|------|---------|
| | | FORWARD FUEL CELL AND L (RIGHT SIDE | | LON - 6 | | | | |
| Inspect Phase No's | l | nspection Requirements | Status | Faults | and/or Remarks | Action Taker | | Initial |
| 1 | | rior skin for cracks, punctures, loose | | | | | | |
| | | ng rivets. Paint and decals for peeling condition. | | | | | | |
| | от рес | | | | | | | |
| ALL | | fuel cap and adapter for cracks. | | | | | | |
| | Seals for | eals for cuts or evidence of leakage. | | | | | | |
| ALL | | Side structural panels for punctures, | | | | | | |
| | cracks, c fasteners | corrosion and missing or stripped | | | | | | |
| ALL | 4. Low | er pylon access panels for | | | | | | |
| | | s, cracks, corrosion and missing open fasteners. | | | | | | |
| | J. J., | | | | | | | |
| 1, 3 C | | it control push-pull tubes for binding, worn bearings, corrosion | | | | | | |
| | and secu | | | | | | | |
| | Acce | ess 20 | | | | | | |
| ALL | 5.1. AH | -P/S: Inspect collective accumu- | | | | | | |
| | lator for p | ore-charge, condition, and security. | | | | | | |
| | | | | | | | | |

"FOD REMINDER"

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

7-42 Change 8

| DUAG | SE NO. | Area Na | me and N | O. | Air | craft Serial No. | Date | |
|--------------------------|--------------------------------------------|-------------------------------------------------------------|----------|-----------------------|------|------------------|------|---------|
| PHAS | SE NO. | FORWARD FUEL CELL AND L | OWER P | YLON - 6 (RIGHT SIDE) | | | | |
| Inspect Phase No's | Inspe | ection Requirements | Status | Faults and/or Rema | arks | Action Taken | | Initial |
| ALL | 6. Hydraulic chafing, damage | - | | | | | | |
| ALL | 7. Hydraulic in- rity. | line filters for leakage and secu- | | | | | | |
| 1,3 C | 8. Emergency evidence of leak Access | hydraulic reservoir for damage, age and security. 20 | | | | | | |
| 1, 3 C | 9. Electrical en age for damage, | nergency hydraulic pump pack leakage and security. 20 | | | | | | |
| ALL | 10. Electrical vicorroded connect | | | | | | | |
| | | | | | | | | |

| PHAS | SE NO. | | me and N | | Air | craft Serial No. | Date | *** |
|--------------------------|------------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------|-----------------------|------|------------------|------|---------|
| Inspect Phase No's | Inspe | FORWARD FUEL CELL AND Lection Requirements | Status | Faults and/or Remains | arks | Action Taken | | Initial |
| 1 | 11. Fuselage s loose or missing Access 2 | | | | | | | |
| 1 | 12. Lower pylor rosion and secur | • | | | | | | |
| ALL C | wiped clean and | ortion of hydraulic piston rods d lightly lubricated using a soft with preservative hydraulic fluid. 20 | | | | | | |
| ALL | ground at all roc | OMETERS: Perform check for cket launcher firing contacts usor rocket system tester. (TM 9- | | | | | | |
| ALL C | 15. IFCU: Inspectors, and Series) Access 2 | ect for security, loose or broken corrosion. (TM 9-1090-203/206 | | | | | | |

"FOD REMINDER"

| BUAG | | Area Na | me and N | O. | Air | craft Serial No. | Date | |
|---------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|----------|---------------------|------|------------------|------|---------|
| PHAS | SE NO. | FORWARD FUEL CELL AND | LOWER | PYLON - (LEFT SIDE) | | | | |
| Inspect Phase No's | Inspe | ection Requirements | Status | Faults and/or Rema | arks | Action Taken | | Initial |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 15. Exterior ski missing rivets. F peeling condition | n for cracks, punctures, loose or Paint and decals for chipped or | | | | | | |
| 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 C | 18. Flight control binding, worn beauting. Access 2 | ol push-pull tubes for damage, arings, corrosion and security. | | | | | | |
| ALL | chafing, damage | lines and hoses for leakage, a and security. Check all drain ngs and hydraulic lines for clog- | | | | | | |

"FOD REMINDER"

| PHAS | SE NO. | Area Na FORWARD FUEL CELL AND | | | Aiı | rcraft Serial No. | Date | |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------|-------------------|-------|-------------------|------|---------|
| Inspect Phase No's | Inspe | ction Requirements | Status | Faults and/or Rem | narks | Action Taken | | Initial |
| ALL | 20. Electrical v corroded connec Access 2 | | | | | | | |
| 1 | 21. Fuselage s loose or missing Access 2 | | | | | | | |
| 1 | Lower pylon structural tubes for cracks, corrosion and security. Access 20 | | | | | | | |
| ALL C | 23. Exposed portion of hydraulic piston rods wiped clean and lightly lubricated using a soft cloth moistened with preservative hydraulic fluid. Access 20 | | | | | | | |
| ALL C | 24. Droop compensating control rod for damage, binding, worn bearings, corrosion, and security. Access 20 | | | | | | | |

"FOD REMINDER"

| S. 440E | 4.0 | Area Nam | e and No. | | Aircra | t Serial No. | Date | |
|--------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------|-----------|---------------------------------------|---------------------------------------|--------------|------|---------|
| PHASE | NO. | FORWARD FUEL CELL AND LO | WER PY | LON - 6 (LEFT SIDE) | | | | |
| Inspect Phase No's | Inspec | tion Requirements | Status | Faults and/ | or Remarks | Action Taken | | Initial |
| ALL | | d hoses for leakage, chafing, | | | | | | |
| | and security. | | | | | | | |
| | Access 20 | | | | | | | |
| 1, 3 | 26. Elevator contro | I belicranks and supports for | | | | | | |
| С | | of bearings and security. | | | | | | |
| | Access 20 | | | | | | | |
| | | | | | | | | |
| 1, 3 C | 27. Lift beam structure for cracks, corrosion, loose or missing rivets. Access 20 | | | | | | | |
| J | | | | | · · · · · · · · · · · · · · · · · · · | | | |
| | | | | | | | | |
| ALL | 28. Collective serve | balance spring and bolt for | | | | | | |
| С | wear and security. | | | | | | | |
| : : : : | Access 20 | | | | | | | |
| | | | | | | | | |
| ALL | | METERS: Preform check for cket launcher firing contacts | | | | | | |
| | | or rocket system tester. (TM | | | | | | |
| | 9-1055-460-13&P) | | | · · · · · · · · · · · · · · · · · · · | | | | |
| ALL | 30 Cit- Incom | for security, loose, or broken | | | | | | |
| ALL | | corrosion. Insure switch is set | | | | | | |
| | to 20MM | | | | | | | |
| | Access Of | | | | | | | |
| | Access 21 | | | | | | | |

| 5,6 | | | ne and No. | Aircraf | t Serial No. | Date |
|-------------------------|------------------|-----------------------------------------------------------------------------------------------|----------------------------|------------|--------------|---------|
| PHASE | NO. | FORWARD FUEL CELL AND L | OWER PYLON - 6 (LEFT SIDE) | | | |
| nspect Phase No's | Inspec | tion Requirements | Faults and | or Remarks | | Initial |
| ALL C | 20P1, 20P2, 20J1 | nsure that electrical connectors and 20J2 are free of contamin; clean with isopropyl alcohol. | | | | |
| ALL C | P321, P322, J321 | are that electrical connectors and J322 are free of contamiclean with isopropyl alcohol. | | | | |
| | | | | | | |
| | | | | | | |

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

7-48 Change 6

| PHASE | NO. | Area Nam WINGS -7 (I | e and No. RIGHT SID | DE) | Aircra | ft Serial No. | Date | |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|------------------------|-------------|------------|---------------|------|---------|
| Inspect Phase No's | Inspec | tion Requirements | Status | Faults and/ | or Remarks | Action Taken | | Initial |
| 2, 4 | | surfaces for cracks, punctures, rivets. Paint and decals for ng condition. | | | | | | |
| 2, 4 | Access panels for punctures, cracks, corro sion and missing or stripped fasteners. | | | | | | | |
| 4 | 3. Hydraulic lines ing, damage, and s | and hoses for leakage, chaf- security. | | | | | | |
| ALL | roded connections. | for chafing and loose or cor- | | | | | | |
| 4 | 5. Stores and ejector rack, disassemble to extent necessary to replace packings, and inspect. Note The ejector rack explosive cartridges and associated hardware shall be removed and inspectact at the beginning of <u>all phases</u> . | | | | | | | |

| | , | Area Na | ame and No | O. | | Aircraft Serial No. | Date | |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|------------|-------------------|------|---------------------|------|---------|
| PHAS | SE NO. | WINGS - 7 | (RIGHT S | IDE) | | | | |
| Inspect Phase No's | Inspe | ection Requirements | Status | Faults and/or Rem | arks | Action Taken | 1 | Initial |
| ALL | 6. Armament raing or stripped fa | ack fairings for cracks and miss- asteners. | | | | | | |
| ALL | 6.1 RMSOU: In hardware. | nspect for security, corrosion, and | | | | | V | |
| ALL | 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) Repaint chipped or peeled surfaces. Restore nameplate or markings to their original readability. (TM 9-1055-460-13&P) | | | | | | | |
| ALL C | 9. HYDRA 70 (M 158A1-200 Series) Check suspension for proper adjustment. (TM 9- 1055-460-13&P) | | | | | | | |

| F | PHASE NO. | Area Na WINGS - 7 | ame and i | No. SIDE) | Aircra | aft Serial No. | Date | |
|--------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------|---------------------|--------|----------------|------|---------|
| Inspect Phase No's | Inspe | ction Requirements | Status | Faults and/or Remar | ks | Action Taken | | Initial |
| ALL C | 10. HYDRA 70 Check continuity tubes (TM 9-105) | (M158A1-200 Series) and isolation of individual 5-460-13&P). | | | | | | |
| ALL C | 10.1 HYDRA 7 Check continuity tubes and J1 and (TM 9-1055-460- | | | | | | | |
| ALL C | 10.2 HYDRA 7 coat of lubricant. | 0 (M260-261 Series) apply (TM 9-1055-460-13&P). | | | | | | |
| ALL C | 10.3 Test wing with multimeter. | stores jettison system | | | | | | |
| ALL C | connectors 20P2 contaminants or | P. Ensure that electrical 2 and 20J2 are free of corrosion, clean with I. (TM 9-1425-473-20) | | | | | | |
| ALL C | connectors P322 contaminants or | nsure that electrical 2 and J322 are free of corrosion; clean with I (TM 9-1425-473-20). | | | | | | |

"FOD REMINDER"

| PHASE | NO. | Area Nan WINGS -7 (| ne and No. RIGHT SIDI | E) | Aircr | aft Serial No. | Date | |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------|-------------|------------|----------------|------|---------|
| Inspect Phase No's | Inspec | ction Requirements | Status | Faults and/ | or Remarks | Action Taken | | Initial |
| ALL C | 11. HYDRA 70 (M1 Check that modific torqued. (TM 9-10 | cation strap nuts are properly | | | | | | |
| ALL C | 12. HYDRA 70 (M 158A1) 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. | | 1 | | | | | |
| | | | | | | | | |

| PHASE | E NO. | | ne and No. (LEFT SIDE) | Airc | raft Serial No, | Date |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------------|-----------------------|-----------------|---------|
| Inspec Phase No's | t Inspec | tion Requirements | I | Faults and/or Remarks | Action Taken | Initial |
| 2, 4 | | urfaces for cracks, punctures, rivets. Paint and decal for condition. | | | | |
| 2, 4 | 17. Access panels for sion and missing or | or punctures, cracks, corrostripped fasteners. | | | | |
| 4 | 18. Hydraulic lines and hoses for leakage, chafing, damage and security. Access 35, 36 | | | | | |
| ALL | roded connections. | | | | | |
| 4 | 20. Stores and ejector racks, disassemble to extent necessary to replace packings, and inspect. Note: The ejector rack explosive cartridges and associated hardware shall be removed and inspectad at the beginning of all phases. | | | | | |

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

7-52 Change 6

| PHAS | E NO. | Area Na WINGS - 7 | me and N | | Air | craft Serial No. | Date | |
|--------------------------|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------------|------|------------------|----------|---------|
| Inspect Phase No's | Inspe | ection Requirements | Status | Faults and/or Rema | arks | Action Taken | <u> </u> | Initial |
| ALL | 21. Armamen | t rack fairings for cracks and ed fasteners. | | | | | | |
| ALL C | 22. RMSOU: In hardware. | spect for security, corrosion, and | | | | | | |
| ALL C | Inspect debris deprised tube assemblies TML items that sure that TML harness connect and phenolic iso components are | ally inspect all TML components. lirector assemblies and forward for visual abnormality. Replace could impair performance. Enarness receptacle and launcher tor pins are not bent or broken plators are intact. Ensure that all free of corrosion. Apply lubrishmblies and TML harness con-25-473-20). | | | | | | |
| ALL | chipped or peels | (M158A1-200 Series) Repaint and surfaces. Restore nameplate their original readability. (TM 9- | | | | | | |

"FOD REMINDER"

| PHASE | E No. | | ne and No. (LEFT SIDE) | | Airc | raft Serial No. | Date | |
|--------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------|------------|--------------|-----------------|------|---------|
| Inspect Phase No's | Inspec | ction Requirements | Status | Faults and | l/or Remarks | Action Taken | | Initial |
| ALL C | , | M158A1-200 Series) n lugs for proper adjustment. -13&P) | | | | | | |
| ALL C | • | M158A1-200 Series) , and isolation of individual -460-13&P) | | | | | | |
| ALL C | 27. HYDRA 70 (M ² Check that modif torqued. (TM 9-1 | fication strap nuts are properly | | | | | | _ |
| | | on detent plate are safety s no lengthwise movement of | | | | | | |
| ALL c | - | 60-261 Series) and isolation of individual tubes nectors. (TM 9-1055-460-13&P) | 1 | | | | | |
| ALL c | | 0(M260-261 Series) oricant. (TM 9-1055-460-13&P) | | | | | | |

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

7-54 Change 6

| PHASE | NO. | Area Name WINGS -7 | and Numbe (left Side) | er) | Aircra | ft Serial No. | Date | |
|--------------------------|-------------------|-------------------------------|--------------------------|------------|------------|---------------|------|---------|
| Inspect Phase No's | Inspec | tion Requirements | Status | Faults and | or Remarks | Action Taken | | Initial |
| | | | | | | | | |
| | | | | | | | | |
| ALL | 30. Test wing sto | res jettison system with mul- | | | | | | |
| С | timeter | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | 31 Deleted | | | | | | | |
| | 31. Deleted. | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | 00 Deleted | | | | | | | |
| | 32. Deleted. | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| PHAS | SE NO. | Area Na FORWARD PYLO | me and N DN - 8 (RI | | | Aircraft Serial No. | Date | |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|------------------------|-------------------|------|---------------------|------|---------|
| Inspect Phase No's | Inspe | oction Requirements | Status | Faults and/or Rem | arks | Action Taken | | Initial |
| ALL | Pylon forwa or stripped faste bonding separari | ard fairing for cracks and missing mers. Seals for cuts, tears and ion. | | | | | | |
| ALL | 2. Antenna mou | unts for damage and security. | | | | | | |
| 2, 4 | 3. Hydraulic compartment door for cracks, dents and security. Latches for cuts, tears and bonding separation. Access 9 | | | | | | | |
| 6 | 4. Hydraulic line for leakage, chafi Access 9 | s, reservoirs, modules and hoses ing, damage and security. | | | | | | |
| ALL | 5. Heater (ECU condition and sec Access 9 | | | | | | | |

"FOD REMINDER"

| PHASE N | 1 O. | Area Name and FORWARD PYLON - 8 (| | , | Aircraft S | Serial No. | Date | |
|--------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---|----------------|--------------|------|-----------------|
| Inspect Phase No's | 1 | nspection Requirements | Status | | and/or Remarks | Action Taker | 1 | I nitial |
| ALL | bulkhead missing r | bulkhead for cracks, corrosion and loose or missing rivets. Access 9, 12 6.1. Overhead discharge tube assembly for | | | | | | |
| ALL C | clogging, residue fi Acce figur | erhead discharge tube assembly for clean by removing accumulated rom tee boss. ass 20, TM 55-1520-236-23P, e 93A, item 104. Access 20, TM 520-234-23P, figure 120, item | | | | | | |
| ALL C | | ser sensor fairing and housing for nd security. | | | | | | |
| ALL C | dirty, scra window, | borne laser tracker provisions for atched, cracked, broken or fogged loose or missing detector head y. (TM 11-5841-301-12). | | | | | | |

"FOD REMINDER"

| | | Area Na | me and N | lo. | Air | craft Senal No. | Date | |
|--------------------------|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------|-------------|-----------------|------|---------|
| PHA | SE NO. | FORWARD PYL | ON - 8 (L | EFT SIDE) | | | | |
| Inspect Phase No's | Inspe | oction Requirements | Status | Faults and/or Rema | arks | Action Taken | | Initial |
| ALL | Pylon forwar or stripped faste | d fairing for cracks and missing | | | | | | |
| | bonding separati | | | | | | | |
| 2 | 8. Ram air inlet | ir inlet for obstruction and cracks. | | | | | | |
| 2, 4 | 0 Undraulia aan | months of door for crocks, doots | | | | | | |
| 2, 4 | and security. Late | 9. Hydraulic compartment door for cracks, dents and security. Latches for proper operation. Seals for cuts, tears and bonding separation. Access 9 | | | | | | |
| | Access 9 | | | | | | | |
| 2 | 10. Hydraulic I | ines, reserviors, modules and ge, chafing, damage and secu- | | | | | | |
| | rity. | o, chamig, damage and doca | | | | | | |
| | Access 9 |) | | | | | | |
| | | | | | | | | |
| A11 | 11 Lubrinata E | CLL cooling turbing | | | | | | |
| ALL C | 11. Lubricate ECU cooling turbine. Access 9. | | | | | | | |
| | | MUUSS S. | | | | | | |
| | | | | | | | | |

"FOD REMINDER"

| PHASE N | Ю. | Area Name and | No. | | Aircraft S | erial No. | Date | |
|--------------------------|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|------------|--------|----------------|--------------|----------------|----|
| | | FORWARD PLYON - 8 (| LEFT SIDE) | | | | | |
| Inspect Phase No's | ı | nspection Requirements | Status | Faults | and/or Remarks | Action Taker | Initi a | al |
| 2, 4 | distortion | Environmental control unit for cracks, distortion, security and evidence of leakage. Access 9 Access 9 | | • | | | | |
| ALL | Pylon structure, including forward pylon bulkhead for cracks, corrosion and loose or missing rivets. Access 9, 12 | | | 4 | | | | |
| A LL _ | connection | line for chafing, security and loose ons. | | | | | | |
| ALL C | 15. Lase cracks a | Laser sensor fairing and housing for acks and security. | | | | | | |
| ALL C | scratche window, | orne laser tracker provisions for dirty, d, cracked, broken, or fogged loose or missing detector head y. (TM 11-5841-301-12) | | | | | | |

"FOD REMINDER"

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

7-59 Change 8

| P | HASE NO. | Area Na PYLON - 9 | ame and I (RIGHT | No. SIDE) | Aircraft Serial No. | Date |
|--------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|---------------------|-----------------------|---------------------|--------------|
| Inspect Phase No's | Inspe | ction Requirements | Status | Faults and/or Remarks | Action T | aken Initial |
| 3 | Pylon center or stripped faster bonding separati | fairing for cracks and missing ners. Seals for cuts, tears and on. | | | | |
| ALL | and security. Lat | per pylon access doors for cracks, dents curity. Latches for proper operation. or cuts, tears and bonding separation. | | | | |
| ALL | and proper align | n access doors for cracks, dents ment. Latches for proper oper- euts, tears and bonding sepa- | | | | |
| ALL | Transmission access door hinges for wear, cracks, corrosion and proper adjustment. Access 11 | | | | | |

"FOD REMINDER"

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

7-60 Change 4

| PHASE | E NO. | PYLO | Area Name and No. DN - 9 (RIGHT SIDE) | Aircraft Serial No. | Date |
|---------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------|------------------------------------------|---------------------|---------|
| Inspect, Phase No's | Inspection Requirements | Status | Faults and/or Remarks | Action Taken | Initial |
| ALL | 5. Pylon structure, including for pylon bulkhead for cracks, corros and loose or missing rivets. Access 11, 12 | orward sion | | | |
| 1,3 | Transmission driven hydrau pump for leakage, cracks and se Access 11 | | | | |
| ALL | 7. XMSN chip detector remove spected, cleaned. Perform functi check. Access 11 | ed, in- onal | | | |
| ALL | Transmission oil lines and h for chafing, leakage, and security Access 11 | | | | |
| ALL C | 8.1 Replace external transmissi filter. Aircraft without ODDS. Access 11 | on oil | | | |

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

"FOD REMINDER"

| Pł | HASE NO. | Area Na PYLON - 9 | ame and (RIGHT | | Aircr | aft Serial No. | Date | |
|--------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------|----------------------|-------|----------------|------|---------|
| Inspect Phase No's | Inspe | ction Requirements | Status | Faults and/or Remark | ks | Action Taken | | Initial |
| | | | | | | | | |
| ALL C | 13. Pylon damp and security. | per assembly for leakage | | | | | | |
| A british Bayy | Access 11 | | | | | | - | |
| ALL | 14 Pylon damr | n damper lower mount bracket y and loose rivets. | | | | | | |
| Ç. | for security and k | lon damper lower mount bracket rity and loose rivets. ess 11 draulic cylinder supports for corrosion and security. | | | | | | |
| | Access 11 | | | | | | | |
| 3 | 15. Hydraulic c cracks, corrosion | ulic cylinder supports for osion and security. | | | | | | |
| | Access 11 | | | | | | | |
| ALL C | leakage and corr | ylinder for damage, osion, retainer nut, bear- and servo valve lock nuts wiring. | | | | | | |
| 3 C | 17. Replace hy | draulic cylinder mount nuts | | | | | | |
| | Access 11 | Repaint slippage marks. Access 11 | | | | | | |
| | | | | | | | | |

"FOD REMINDER"

| PHAS | SE NO. | Area Name a PYLON - 9 (RIG | | | | Aircraft Serial No. | Date | |
|--------------------------|---------------------------------------------------------|---------------------------------------------------------------------------------------|--------|--------------------|------|---------------------|------|---------|
| Inspect Phase No's | Insp | ection Requirements | Status | Faults and/or Rema | erks | Action Taken | | Initial |
| ALL C | retaining nu | lic cylinder lower bearing t for security by checking el for vertical movement. | | | | | | |
| 1, 3 | 19. Hydraul (upper beari force. Access 1 | ic cylinder uniball bearing ng) for specified breakaway | | | | | | |
| 1, 3 C | 20. Flight damage, bind and security. Access 1 | control pushpull tubes for ding, worn bearings, corrosion | | | | | | |
| ALL | 21. Fuel lin | nes and hoses for leakage, ecurity. | | | | | | |
| ALL | | ction baffle for cracks, distor- e or missing fasteners. | | | | | | |

| PHASE NO |). | Area Name PYLON-9 (RIC | _ | | Aircraft | Serial No. | Da | ate |
|--------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------|-------------|------------|-------------|----|---------|
| Inspect Phase No's | Insp | pection Requirements | Status | Faults and/ | or Remarks | Action Take | en | Initial |
| ALL C | inspect for clog dirt, oil, salt an | mble particle separator and gging or accumulations of deposits. Seals or bonding separation. | | | | | | |
| 1, 3 C | 24. Compressor rotor blades and inlet guide vanes for erosion and evidence of foreign object damage. Access 11 | | | | | | | |
| ALL C | 25. Air dean cleaned, and re | | | | | | | |
| ALL C | cleaned by ren Flexible hose f | | | | | | | |
| ALL C | LL 26.1. Centrisep Particle Separator, clean | | | | | 7 | | |

| P | HASE NO. | Area N PYLON - | ame and 9 (LEFT | No. SIDE) | Aircr | aft Serial No. | Date | |
|--------------------------|------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------|---------------------|-------|----------------|------|---------|
| Inspect Phase No's | ìnspe | ction Requirements | Status | Faults and/or Remar | rks | Action Taken | | Initial |
| 3 | 27. Pylon center missing or strippicuts, tears and b | er fairing for cracks and ed fasteners. Seals for onding separation. | | | | | | |
| ALL | dents and securi | n access doors for cracks, ty. Latches for proper for cuts, tears and bonding | | | | | | |
| ALL | cracks, dents an Latches for prop | on access doors for d proper alignment. er operation. Seals for onding separation. | | | | | | |
| ALL | | on access door hinges for rrosion and proper adjust- | | | | | | |

"FOD REMINDER"

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

7-66 Change 4

| PHAS | E NO. | Area Name a PYLON - 9 (LEF | | | | Aircraft Serial No. | Date | |
|--------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------|--------------------|------|---------------------|---------|---------|
| Inspect Phase No's | Insp | ection Requirements | Status | Faults and/or Rema | irks | Action Taken | | Initial |
| ALL | 31. Pylon pylon bulkhe loose or miss Access | _ | | | | | | |
| ALL C | 32. Main drive shaft boots and seals for cuts, tears and evidence of leakage. Access 11 | | | | | | | |
| 1,3 C | 33. Tail rote sion) for great Access | | | | | | | |
| 1,3 | | tor drive shaft clamp sets for ment and security. | | | | | | |
| ALL C | cracks with | k lugs (on transmission) for particular attention to right lift ea of bushing. | | | | | | |

| PHAS | E NO. | Area Name ai PYLON-9 (LEFT | | | | Aircraft Serial No. | Date | |
|--------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------------------|-----|---------------------|------|---------|
| Inspect Phase No's | Inspe | ection Requirements | Status | Faults and/or Rema | rks | Action Taken | | Initial |
| 1,3 | ings and secu | 36. Lift link for nicks, cracks, worn bearings and security.Access 1137. Transmission oil lines and hoses for | | | | | | |
| ALL | | age and security. | | | | | | |
| ALL | 38. Electrical or corroded of Access 1 | | | | | | | |
| 1,3 | 39. Pylon r security and o Access 1 | mounts for deterioration, evidence of bottoming out. | | | | | | |
| 1,3 | 40. Pylon mo security. Access 1 | ount boots for cuts, tears and | | | | | | |

| PHAS | SE NO. | Area Name a PYLON - 9 (LEF | | and the second section of the second section of the second second section of the second second second second sec | | Aircraft Serial No. | Date | |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------|------------------------------------------------------------------------------------------------------------------|------|---------------------|------|---------|
| Inspect Phase No's | Inspe | oction Requirements | Status | Faults and/or Rema | irks | Action Taken | | Initial |
| 3 | 41. Pylon dampers removed and checked for excess gaps between spring seat and shims under end of cylinder barrel. Access 11 42. Pylon damper assembly for leakage and security | | | | | | | |
| ALL C | 42. Pylon dand security. Access 1 | | | | | | | |
| ALL C | 43. Pylon d for security ar | amper lower mount bracket and loose rivets. | | | | | | |
| ALL C | 44. Fifth mo corrosion and Access 1 | · | | | | | | |
| ALL C | 45. SCAS mand security. Access 1 | notion transducer for damage | | | | | | |

| PHASEN | 1 0. | Area Name and No. PYLON - 9 (LEFT SIDE) | | | Aircraft Serial No. Date | | | | |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|--------|----------|--------------------------|--------------|--|---------|--|
| Inspect Phase No's | Inspec | ition Requirements | Status | Faults a | nd/or Remarks | Action Taken | | Initial | |
| 3 | 46. Hydraulic cylind and security. Access 11 | Access 11 | | | | | | | |
| ALL 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. Access 11 | | | | | | | | |
| 3 C | 48. Replace hydra Repaint slippage n Access 11 | ulic cylinder mount nuts (4) narks. | | | | | | | |
| ALL C | | ders lower bearing retaining nut cking cylinder barrel for vertical | | | | | | | |

"FOD REMINDER"

| 2014 | SE NO. | Area Name a | nd No. | | | Aircraft Serial No. | Date | |
|--------------------------|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------------|-----|---------------------|------|---------|
| PHA: | 3E NU. | Inspection Requirements Hydraulic cylinders uniball bearing or bearing) for specified breakaway. As applicable. Access 11 If installed, visually inspect the tics main drive shaft (flexible plate) acks, damage and security. Scissors and sleeve for damage and fity. Bearings and bushings for binder excessive wear. Boot for cuts, tears ecurity. Access 12 Drive links and anti-drive link for tige and security. Drive links and anti-link bearings for binding or excessive | T SIDE) | | | | | |
| Inspect Phase No's | Insp | ection Requirements | Status | Faults and/or Rema | rks | Action Taken | | Initial |
| 1,3 | (upper beari force. As app | ng) for specified breakaway licable. | | | | | | |
| ALL C | kamatics ma | in drive shaft (flexible plate) | | | | | | |
| ALL C | security. Bea ing or excess and security. | rings and bushings for bind- sive wear. Boot for cuts, tears | | | | | | |
| ALL C | damage and drive link bea wear. | security. Drive links and anti- rings for binding or excessive | | | | | | |

| PHAS | E NO. | Area Name a PYLON - 9 (LEF | | | | Aircraft Serial No Date | |
|--------------------------|------------------------------------------------------|-------------------------------------------------------------------------|--------|--------------------|-----|-------------------------|---------|
| Inspect Phase No's | Insp | ection Requirements | Status | Faults and/or Rema | rks | Action Taken | Initial |
| 1,3 C | 54. Collecti damage and or excessive Access | security. Bearings for binding wear. | | | | | |
| ALL C | and security | late and support for damage v. Bearings and bushings for ccessive wear. | | | | | |
| ALL C | 56. Swashp ed at control nected. | late breakaway force check- horn with swashplate discon- 12 | | | | | |
| ALL C | 57. Droop of damage, bind and security. Access 1 | | | | | | |

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

7-72 Change 1

| PHASI | E NO. | Area Name a PYLON - 9 (LEF | | | | Aircraft Serial No. | Date | |
|--------------------------|------------------------------------------------------|----------------------------------------------------------------------------|--------|--------------------|---------------------|---------------------|------|---------|
| Inspect Phase No's | Insp | ection Requirements | Status | Faults and/or Rema | emarks Action Taken | | | Initial |
| ALL | firewall boot | compensating control rod and retainer for cuts, tears, and security. | | | | | | |
| ALL C | 59. Droop shaft for dar corrosion an Access | - | | | | | | |
| ALL | 60. Fuel li chafing and Access | - | | | | -5- | | |
| ALL | | uction baffle for cracks, distor- se or missing fasteners. | | | | | | |
| ALL | 62. Transmondition and | nission vent valve for clogged d security. | | | | | | |

| Р | HASE NO. | Area Na MAIN F | ame and ROTOR | l No. - 10 | Aircr | aft Serial No. | Date | |
|--------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------|-------|----------------|------|--|
| Inspect Phase No's | | | | | | | | |
| 4 | Check stud reten | s). Remove tip cap. tion nuts for looseness. looseness or distortion. | | | | | | |
| ALL C | chafing, nicks, so | ly (exposed portions) for cratches, corrosion, clean-tisleeve debonding. | | | | 5 5 | | |
| ALL C | surfaces and blace visible indications tions. Trailing ede | ades upper and lower de tips for cracks and s of voids or bond separa- ges and scarf joints for ion and corrosion. | | | | | | |
| ALL C | and security. Con inspection for cranular inspection or axial play. P/N inspection. P/N 2 | tube for damage, corrosion nduct fluorescent penetrant acks and perform total in-line a. Bearings for excessive radial 209-010 -460-1 requires full 209-010-518-101 damage, ecurity only (flourescent tion not required. | | | | | | |
| 1,3 | 5. Upper mast b cracks and secur | oot for cuts, tears, ity. | | | | | | |

"FOD REMINDER"

| PHAS | | Name and No. I ROTOR - 10 | A | ircraft Serial No. | Date |
|--------------------------|----------------------------------------------------------------------------------------------------|------------------------------|-----------------------|--------------------|---------|
| Inspect Phase No's | Inspection Requirements | Status | Faults and/or Remarks | Action Taken | Initial |
| ALL C | 6. Friction collet assembly partially disassembled to inspect collet set for condition and cracks. | | | | |
| ALL C | 7. Friction collet assembly adjusted to specified friction. | | | | |
| ALL C | 8. Tap test K747 blade spar area between stations 70 to 90. | | | | |
| ALL C | 9. Inspect main rotor feather bearing. | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| L | | | | , . | |

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

| PHAS | SE NO | Area Na | me and N | lo. | | Aircraft Serial No. | Date | |
|--------------------------|---------------------------------------------|---------------------------------------------------------------------|----------|----------------------------------------|------|---------------------|------|---------|
| | | ENGINE - 1 | 1 (RIGHT | SIDE) | | | | |
| Inspect Phase No's | Inspe | ection Requirements | Status | Faults and/or Rema | arks | Action Taken | | Initial |
| ALL | 6. Forward an | d aft firewalls for cracks, dents, | | | | | | |
| | buckled areas ar | nd missing or stripped fasteners. | | | | | • | |
| | Access | 14 | | | | | | |
| | 7,0000 | , | | | | | | |
| | | | | | | | | |
| ALL | 7. Engine tubu | lar mounts for damage, corro- | | | | | | |
| C | sion and security | y. Mount bearings for excessive | | ************************************** | | | | |
| | wear, Check rive | ts for cracks and security. | | · | | | | |
| | Access 1 | 14 | | | | | | |
| | ,,,,,,, | • | | | | | | |
| | | | | | | | | |
| 2 | 8. Engine trunn | nion bearings for excessive play. | | | | | | |
| | Frunnion at micip inspect, raise en | oints or underside for cracks. To gine so that bearings are free of | | | | | | |
| | pillowblocks. | 5 | | | | | | |
| | | | | | | | | |
| | Access 1 | 14 | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| 2, 4 | Bleed air value security. | ive for evidence of leakage and | | | | | | |
| | accurity. | | | | - | | | |
| | Access 1 | 14 | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

"FOD REMINDER"

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

7-77 Change 2

| PHASE N | Ю. | Area Name and | No. | | Aircraft S | Serial No. | Date | |
|--------------------------|--------------------|-----------------------------------------------------------------------|--------|--------|----------------|--------------|--------|----|
| | | Engine - 11 (RIGHT | SIDE) | | | | | |
| Inspect Phase No's | I | nspection Requirements | Status | Faults | and/or Remarks | Action Taker | Initia | لد |
| 2, 4 | 10. Blee security. | d air actuator for condition and | | | | | • | |
| | g county. | | | | | | | |
| | Acce | ess 14 | | | | | | |
| ALL | connectio | d air tubing for chafing, loose ons and missing or broken safety | | | | | | |
| | wire. | | | | | | | 1 |
| | Acce | ess 14 | | | | | | |
| 2, 4 | | er generator brushes checked for freedom of movement. Brush leads | | | | | | |
| | | oration or chafing. Commutator for resence of oil or metal particles. | | | | | | |
| | | connections for security. | | | | | | |
| 2 | | ne wiring harness for chafing and corroded connections. | | | | | | |
| | | | | | | | | |
| · | Acce | ess 14 | | | | | | |
| 2 | 14. TGT | connector for chafing and security. | | | | | | |
| | | | | | | | | |
| | Acce | ess 14 | | | | | | |

"FOD REMINDER"

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

7-78 Change 8

| PHASI | r NO | Area Name a | ind No. | | | Aircraft Serial No. | Date | |
|--------------------------|--------------------------------------------|-----------------------------------------------------------------------------------------------------------|---------|--------------------|-----|---------------------|------|---------|
| PHASI | E NU. | ENGINE - 11 (RIG | HT SIDE |) | | | | |
| Inspect Phase No's | Insp | ection Requirements | Status | Faults and/or Rema | rks | Action Taken | | Initial |
| ALL | 15. Fire de and security. | | | | | | | |
| 2 | ing, leakage | Oil lines and hoses for damage, chaf- g, leakage and security. Access 14 | | | | | | |
| ALL | 17. Fuel lir chafing and s | • | | | | | | |
| ALL | 18. Electric or corroded of Access 1 | • | | | | | | |
| ALL | 19. Tailpipe cracks and m Access | o/IR Suppressor fairing for nissing or stripped fasteners. | | | | | | |

| PHAS | SE NO. | Area Name a ENGINE - 11 (RIG | | ·) | | Aircraft Serial No. | Date | |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|--------|--------------------|-----|---------------------|------|---------|
| Inspect Phase No's | Inspi | ection Requirements | Status | Faults and/or Rema | rks | Action Taken | | Initial |
| ALL | security. Access 15 | | | | | | | |
| 2 | 21. Power turbine blades for cracks, burns and dents. Exhaust diffuser cover (sailor cap) for cracks and security. Access 15 | | | | | | | |
| 2 | 22. Tailpipe chafing, burn Access 1 | /IR Suppressor for cracks, spots and foreign objects. | | | | | | |
| 2 | 23. Tailpipe for cracks and Access 1 | /IR Suppressor heat shield d burned spots. | | | | | | |
| ALL C | 24. Insulation security. Access 1 | on blanket for damage and | | | | | | |

| PHASE | E NO. | Е | ENGIN | Area Name and No. IE ~ 11 (RIGHT SIDE) | Aircraft Serial No. | Da | ate |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------|-------------------------------------------|---------------------|----|---------|
| Inspect Phase No's | Inspection Requirements | Si | Status | Faults and/or Remarks | Action Taken | | Initial |
| ALL | 25. Tailpipe/IR Suppressor ejec cracks and security. | tor for | | | | | |
| | Access 15 | | | | | | |
| | | | | | | | |
| ALL | 26. Engine airbleed actuator strainer for condition and cleanliness. Bleed band assembly for bends, cracks, security. Clean filter, replace if damaged. Access 14 | | | | | | |
| | | | | | | | |
| ALL C | 27. Engine chip detector remov spected, cleaned. Perform funct check. | ed, in- tional | | | | | |
| | Access 14 | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

"FOD REMINDER"

| PHASE | E NO. | E | | Area Name and No. IE – 11 (RIGHT SIDE) | Aircraft Serial No. | De | ate |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------|-------------------------------------------|---------------------|----|---------|
| Inspect Phase No's | Inspection Requirements | S | Status | Faults and/or Remarks | Action Taken | | Initial |
| 2 | 28. Pylon aft fairing for cracks a missing or stripped fasteners. Access 12, 14 | ind | | | | | |
| ALL | 29. Engine access doors for cradents and proper alignment. Lat for proper operation. Seals for c tears and bonding separation. Access 14 | ches 💳 | | | | | |
| ALL | 30. Engine access door hinges wear, cracks, corrosion and prop justment. Access 14 | for er ad- | | | | | |
| 2,4 | 31. Engine area structure for cracorrosion and loose or missing rivaccess 14 | | | | | | |
| ALL | 32. Engine deck drains for clogg condition. Access 14 | ged | | | | | |

"FOD REMINDER"

| PHAS | E NO. | Area Name a ENGINE - 11 (LEF | | | | Aircraft Serial No. | Date | |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|--------|--------------------|-----|---------------------|------|---------|
| Inspect Phase No's | Inspi | ection Requirements | Status | Faults and/or Rema | rks | Action Taken | | Initial |
| ALL | 33. Forward and aft firewalls for cracks, dents, buckled areas and missing or stripped fasteners. Access 14 | | | | | | | |
| ALL | 34. Tail rotor drive shaft heat shield for cracks, dents, buckled areas and missing or stripped fasteners. Access 14 | | | | | | | |
| ALL C | corrosion and excessive we and security. | . Engine tubular mounts for damage, rrosion and security. Mount bearings for cessive wear. Check rivets for cracks | | | | | | |
| 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. Access 14 | | | | | | | |

| PHAS | SE NO. | Area Name a ENGINE - 11 (LE | | | | Aircraft Serial No. | Date | |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------|--------------------|------|---------------------|----------|---------|
| Inspect Phase No's | Inspe | ection Requirements | Status | Faults and/or Rema | irks | Action Taken | <u> </u> | Initial |
| ALL C | 37. Throttle control push-pull rods for damage, binding, worn bearings, corrosion and security. Access 14 38. Throttle control rod boot for cuts, | | | | | | | |
| ALL C | | ration and security. | | | | | | |
| ALL C | | control belicranks and sup- nage, condition of bearings | | | | | | |
| ALL C | 40. Droop of damage, bind and security. Access 1 | compensating control rod for ling, worn bearings, corrosion | | | | | | |

| PHA: | SE NO. | | | | | Aircraft Serial No. | Date | |
|--------------------------|------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| Inspect Phase No's | Inspe | ection Requirements | Status | Faults and/or Rema | rks | Action Taken | | Initial |
| ALL C | crank and su | upport for damage, binding, | | | | | | |
| | Access 14 | | | | | | | |
| ALL C | 42. Droop sembly for cor | compensator cambox as- ndition and security. | | | | | | |
| | Access 1 | Access 14 | | | | | | |
| ALL C | 43. Linear a | actuator for condition and | | | | | | |
| | Access 1 | 4 | | | | | | |
| ALL | 44. Bleed a connections a wire. | ir tubing for chafing, loose and missing or broken safety | | | | | | |
| | | | | | | | | |
| 2, 4 | 45. Accessory drive gearbox for leakage, corrosion and security. | | | | | | | |
| | Access 14 | Access 14 | | | | | | H |
| | ALL C ALL C ALL C | ALL 41. Droop crank and st worn bearings Access 1 ALL 42. Droop sembly for conductions a wire. ALL 43. Linear security. Access 1 | Inspect Phase No. ALL C 41. Droop compensating control bell-crank and support for damage, binding, worn bearings, corrosion and security. Access 14 ALL C 42. Droop compensator cambox assembly for condition and security. Access 14 ALL ALL 43. Linear actuator for condition and security. Access 14 ALL 44. Bleed air tubing for chafing, loose connections and missing or broken safety wire. Access 14 2, 4 45. Accessory drive gearbox for leakage, corrosion and security. | Inspect Phase No's ALL 41. Droop compensating control bell-crank and support for damage, binding, worn bearings, corrosion and security. Access 14 ALL 42. Droop compensator cambox assembly for condition and security. Access 14 ALL 43. Linear actuator for condition and security. Access 14 ALL 44. Bleed air tubing for chafing, loose connections and missing or broken safety wire. Access 14 ALL 45. Accessory drive gearbox for leakage, corrosion and security. | PHASE NO. Inspector Requirements ALL C 41. Droop compensating control bell-crank and support for damage, binding, worn bearings, corrosion and security. Access 14 ALL C 42. Droop compensator cambox assembly for condition and security. Access 14 ALL ALL C 43. Linear actuator for condition and security. Access 14 ALL C ALL ALL ALL ACCESS 14 ALL ALL ALL ALL ACCESS 14 ACCESS 14 ALL ALL ALL ALL ALL ALL ALL ALL ACCESS 14 ACCESS 14 ACCESS 14 ACCESS 14 | Thispect Phase No. Inspection Requirements Inspect Phase No. Inspection Requirements Inspect Phase No. Inspection Requirements Inspection Requirements Status Faults and/or Remarks Faults and/or Remarks Inspection Requirements Status Faults and/or Remarks Inspect Phase Inspect Inspection Requirements Inspect Inspection Remarks Inspect | Inspect Inspect Inspection Requirements Status Faults and/or Remarks Action Taken |

| | er vio | Area Name a | nd No. | | | Aircraft Serial No. | Date | |
|--------------------------|-------------------------------------|-------------------------------------------------|----------|--------------------|-----|---------------------|----------|-------|
| PHAS | SE NO. | ENGINE - 11 (LE | FT SIDE) | | | | <u> </u> | |
| Inspect Phase No's | Insp | ection Requirements | Status | Faults and/or Rema | rks | Action Taken | | Inmal |
| 2, 4 | drive assemb security. | Access 14 | | | | | | |
| 2, 4 | | | | | | | | |
| 2, 4 | 48. Fuel co security. Access | ntrol for leakage, damage and | | | | | | |
| ALL C | 49. Fuel co and clean. Access | ontrol inlet strainers inspect | | | | | | |
| ALL C | | ontrol servo strainers inspect if contaminated. | | | | | | |

| PHASE N | Ю. | Area Name and | No. | | Aircraft S | Serial No. | Date |
|--------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------|--------|----------------|--------------|------------|
| | | ENGINE - 11 (LEF | T SIDE) | | | | |
| Inspect Phase No's | I | nspection Requirements | Status | Faults | and/or Remarks | Action Taker | ı 'Initial |
| ALL C | moveme | control power lever for freedom of nt through full range to each stop. | | | | | |
| 2 | 52. Engine wiring harness for chafing and loose or corroded connections. Access 14, 15 | | | | | | |
| 2 | 53. Ignit | ion exciter and leads for cracks, and secure connections. | | | | | |
| | Acce | ess 14 | | | | | |
| ALL | 54. Fire security. | detector elements for damage and | | | , | | |
| | Access 14 | | | | | | |
| ALL C | 55. Mair | n fuel filter element replaced. | | | | | |
| | 55. Main fuel filter element replaced. Access 14 | | | | | | |

"FOD REMINDER"

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

7-87 Change 8

| PHAS | SE NO. | Area Name a | | | | Aircraft Senai No | Date | |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------|--------------------|------|-------------------|------------|---------|
| Inspect Phase No's | | ENGINE - 11 (LE | FT SIDE) Status | Faults and/or Rema | ntis | Action Taken | <u>L</u> , | Initial |
| 2 | 56. Oil lines and hoses for damage, chafing, leakage and security. Access 12, 14 57. Fuel lines and hoses for leakage, | | | | | | | |
| ALL | 57. Fuel lines and hoses for leakage, chafing and security. Access 14 | | | | | | | |
| ALL | 58. Bleed a evidence of k Access | air line to blower for chafing, eakage and security. | | | | | | |
| ALL | 59. Electrica or corroded of Access | | | | | | | |

| PHAS | E NO. | | ENGI | Area Name and No. NE - 11 (LEFT SIDE) | Aircraft Serial No. | Da | ate |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--------|------------------------------------------|---------------------|----|---------|
| Inspect Phase No's | Inspection Requirements | | Status | Faults and/or Remarks | Action Taken | | Initial |
| ALL | 60. Check air distribution press regulator valve for indication of lo or loose mounting. Remove, che clean solenoid valve filter then re Access 14 | ure eakage eck and einstall. | | | | | |
| ALL | 61. Clean and inspect engine o (TM 55-2840-229-23) Aircraft w ODDS. | | | | | | |

"FOD REMINDER"

| PHASI | E NO. | AFT FL | JEL CELL | Area Name and No. AND OIL COOLER BLOWER -12 | Aircraft Serial No. | Da | ate |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------|------------------------------------------------|---------------------|----|---------|
| Inspect Phase No's | Inspection Requirements | | Status | Faults and/or Remarks | Action Taken | | Initial |
| 4 | Exterior skin for cracks, pur and loose or missing rivets for ch or peeling condition | | | | | | |
| ALL | Aft fuel cell outer panel for punc- tures, cracks, corrosion and missing or stripped fasteners. Check fuel lines for damage, and loose or missing fasten- ers. | | | | | | |
| 4 | Oil cooler compartment acc panel for puncture, cracks, corro and missing or stripped fasteners Access 17, 19 | sion | | | | | |
| ALL C | Oil cooler fan for rough or b bearings. Inspect oil cooler for c ness and obstruction. Access 17 | inding leanli- | | | | | |
| 4 | 5. Transmission oil lines and h for chafing, leaks and security. Access 17, 19 | oses | | | | | |

"FOD REMINDER"

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

7-90 Change 7

| DUAG | SE NO. | Area Na | me and N | lo. | Air | craft Serial No. | Date | |
|--------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|-------------------|------|------------------|------|---------|
| PHAS | SE NO. | AFT FUEL CELL AND C | IL COOL | ER BLOWER - 12 | | | | |
| Inspect Phase No's | Inspe | ection Requirements | Status | Faults and/or Rem | arks | Action Taken | | Initial |
| | | | | | | | | |
| ALL | or missing rivets. | ucture for cracks, corrosion, loose | | | | | | |
| (A) Santa | Access 1 | Access 17, 19 | | | | | | |
| | | | | | | | | |
| ALL C | 7. Throttle con binding, worn be | hrottle control push-pull rods for damage, ng, worn bearings, corrosion and security. | | | | | | |
| | Access 1 | 19 | | | | | | |
| A). | 9. Throttle con | brol hollowake and apparents for | | | | | | |
| ALL C | damage, condition | trol bellcranks and supports for on of bearings and security | | | | | | |
| | Access 1 | 19 | | | | | | |
| | | | | | | | | |
| ALL | 9. Idle stop cam for wear, damage and proper adjustment. Access 19 | | | | | | | |
| С | | | | | | | | 日 |
| | | | | | | | | |
| | | | | | | | | |

"FOD REMINDER"

| DHA | SE NO. | Area Na | me and N | 0. | Air | craft Serial No. | Date | |
|--------------------------|---------------------------------------|---------------------------------------------|----------|-------------------|------|------------------|------|---------|
| FIIA | | AFT FUEL CELL AND C | IL COOL | ER BLOWER - 12 | | | | |
| Inspect Phase No's | Inspe | ection Requirements | Status | Faults and/or Rem | arks | Action Taken | | Initial |
| ALL C | 10. Bleed air lir of leakage and s | ne to blower for chafing, evidence ecurity. | | | | | | |
| | Access | 19 | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | *** | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | N | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

"FOD REMINDER"

| PHAS | SE NO. | Area Na AFT FUEL CELL AND ELE | me and N | | Aiı | craft Serial No. | Date | |
|--------------------------|----------------------------------------------------------|-------------------------------------------------------------------------|----------|-------------------|------|------------------|------|---------|
| Inspect Phase No's | Inspe | ection Requirements | Status | Faults and/or Rem | arks | Action Taken | | Initial |
| 4 | Exterior skin or missing rivets, peeling condition | for cracks, punctures and loose Paint and decals for chipped or | | | | | | |
| ALL | Aft fuel cell of corrosions and management | outer panel for punctures, cracks, nissing or stripped fasteners. | | | | | | |
| ALL | Electrical contures, cracks, cofasteners. Access 1 | npartment access panel for punc- rrosion and missing or stripped | | | | | | |
| 4 | Fuselage struor missing rivets. Access 1 | | | | | | | |
| 2, 4 C | 5. Tail boom att dence of working page marks. | achment fittings (4 each) for evi- rivets at bulkhead and bolt slip- | | | | | | |

"FOD REMINDER"

| 5114 | 05 NO | Area Na | me and N | lo. | A | ircraft Serial No. | Date | |
|--------------------------|------------------------------------------------|-----------------------------------------------------------------------|----------|-------------------|-------|--------------------|------|--------------------------------------------------|
| PHA | SE NO. | AFT FUEL CELL AND EL | ECTRICA | L EQUIPMENT - 13 | | | | |
| Inspect Phase No's | Inspe | ection Requirements | Status | Faults and/or Rem | arks | Action Taken | | Initial |
| 2, 4 C | Tail rotor co damage, condition rosion. | ntrol lever, tube, and support for on of bearings, security, and cor- | | | | | | |
| | Access | Access 16 | | | | | | |
| 2.4 | 7. Elevator cor | ntrol walking beam and tube for | | | | | | |
| 2, 4 C | damage, condition | on of bearings, security and cor- | | | | | | |
| | Access | 16 | | | | | | |
| ļ | 7,00000 10 | | | | | | | |
| | | | | | | | | |
| 4 | age and security | draulic cylinder support for dam- | | | | | | |
| | | • | | | | | | |
| 1 | Access | 16 | | | | | | |
| ļ | | | 1 | | ····· | | | ├ ─ |
| ALL | 9 Tail rotor | control hydraulic cylinder for | | | | | | |
| C | damage, leakag | e and security. | <u> </u> | | | | | |
| | | • | | | | | | |
| 1 | Access | 16 | | | | | | |
| | | | | | | | | |
| | · - | | | | | | | |
| 4 | 10. Hydraulic | lines and hoses for leakage, | | | | | | |
| | chafing, damage | and security. | | | | | | |
| \ | Access | 16 | | | | | | |
| | 700000 | 10 | | | | | | |

"FOD REMINDER"

| PHAS | SE NO. | | me and N | | Air | craft Serial No. | Date | |
|--------------------------|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|----------|--------------------|------|------------------|---------------------------------------|---------|
| | | AFT FUEL CELL AND ELE | ECTRICA | L EQUIPMENT - 13 | | | | |
| Inspect Phase No's | Inspe | ection Requirements | Status | Faults and/or Rema | arks | Action Taken | | Initial |
| ALL | 11. Electrical r | relays for security. | | | | | | |
| | Access 1 | 16 | | | | | | |
| ALL | 12. Electrical w | iring for chafing and loose or | | | | | | |
| C | corroded connec | tions. | | | | | | |
| | Access 1 | 16 | | | | | · · · · · · · · · · · · · · · · · · · | |
| ALL | 13 FIRE CON | FROL COMPLITER (F): | | | | | | |
| Ĉ | 13. FIRE CONTROL COMPUTER (F): Inspect for security, hardware in accordance with TM 9-1270-218-13&P. AH-1F only. | | | | | | | |
| | | | | | | | | |
| ALL | : 14. SIGNAL PE | ROCESSOR (F): Inspect secur- | | | | | | |
| C | ity and hardware | . (TM 9-1270-220-23&P) | | | | | | |
| | Access 1 | 16 | | | | | | |
| | ···· <u>·</u> | | | | | ····· | | |
| | | | | | | | | |
| | 45 ELEOTRON | NO FOUNDMENT DAOK | | | | | | |
| ALL | | NIC EQUIPMENT RACK ocking swing bolts are free from | | | | | | 1. |
| | binding. Ensure | that guide pins are secure and | | | | | | |
| | not bent or broke | en. (TM 9-1425-473-20) | | | | | | |
| | | | | | | | | |
| | | : | | | | | | |

"FOD REMINDER"

| P | PHASE NO. | AFT FUEL CELL A | rea Name and No. ND ELECTRICAL EC | QUIPMENT - 13 | Aircraft Serial No. | Date | |
|--------------------------|------------------------------------------------------------------------|----------------------------------------|--------------------------------------|-----------------------|---------------------|--------------|---------|
| Inspect Phase No's | Inspe | ction Requirements | Status | Faults and/or Remarks | s | Action Taken | Initial |
| ALL | LL 16. Laser detector LRU: Inspect for security, hardware, and wiring. | | | | | | |
| С | for security, hard | ware, and wiring. | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | ************************************** | | | | | |

"FOD REMINDER"

| PHASE | NO. | Area Na TAIL BOOM AND F | me and No. IN - 14 (RIGHT | SIDE) | Aircraf | t Serial No. | Date | |
|--------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------|--------------|-----------|--------------|------|---------|
| Inspect Phase No's | Inspec | tion Requirements | Status | Faults and/o | r Remarks | Action Taken | | Initial |
| ALL | | ior skin for cracks, punctures ng rivets. Paint and decals for condition. | | | | | | |
| ALL | 2. Antenna mounts | for damage and security. | | | | | | |
| 2, 4 | 3. Access panels rosion and missin Access 55, 56 | for punctures, cracks cor, g or staripped fasteners. | | | | | | |
| ALL C | missing rivets. Mo | acks, punctures and loose or punting for proper adjustment tor horn for proper drag. | | | | | | |
| ALL | 5. Tail boom structure for cracks, corrosion and loose or missing rivets. Access 16 | | | | | | | |
| | | | | | | | | |

| PHAS | E NO. | Area Name a TAIL BOOM AND FIN - | | DE) | | Aircraft Serial No. | Date | |
|--------------------------|-------------------------------------------|----------------------------------------------------------------------------|--------|--------------------|------|---------------------|------|---------|
| Inspect Phase No's | Inspe | action Requirements | Status | Faults and/or Rema | nrks | Action Take | n | Initial |
| 4 | 6. Elevator i wear and sec Access 5 | · | | | | | | |
| ALL | or corroded c | wiring for chafing and loose onnections. | | | | | | |
| 2, 4 C | damage, bind and security. | ontrol push-pull tubes for ling, worn bearings, corrosion 55, 56, 57 | | | | | | |
| 2, 4 | | or control bellcranks for ondition of bearings and 62, 67 | | | | | | |
| 2,4 C | for damage, security. | or control levers and supports condition of bearings and | | | | | | |

" (PADE SERRESEED)" Calcula work (upo for lovis and poets older complotive of moledinament and in specifin.

| PHAS | E NO. | Area Name a | | | | Aircraft Serial No. | Date | |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------------|------|---------------------|------|---------|
| inspect Phase No's | Insp | -TAIL BOOM AND FIN - 1 ection Requirements | 4 (RIGHT | Faults and/or Rema | nrks | Action Taken | | Initial |
| 2,4 C | 11. Elevator horn assembly for damage, condition of bearing and security. Access 55 12. Tail skid fairing for cracks and miss- | | | | | | | |
| ALL | 12. Tail skic ing or stripped Access 6 | d fasteners. | | | | | | |
| 2,4 | 13. Tail skid security. Access 6 | d for distortion, corrosion and | | | | | | |
| ALL C | mounting ins comb panel Remount we torque to be climate, weight | e ballast weights. Inspect serts for security and honey-left for voids or cracking. eights and apply standard polts. If in a moist or salty what sean be edge sealed with introl corrosion. | | | | | | |

| DUAG | SE NO. | Area Name ar | nd No. | | | Aircraft Serial No. | Date | |
|--------------------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|---------|--------------------|------|---------------------|------|---------|
| РПАЗ | SE NO. | TAIL BOOM AND FIN -1 | 4 (LEFT | SIDE) | | | | |
| Inspect Phase No's | Insp | ection Requirements | Status | Faults and/or Rema | ırks | Action Taken | | Initial |
| ALL | punctures an | | | | | | | |
| 4 | 16. Tail boom structure for cracks, corrosion and loose or missing rivets. Access 55, 56, 67, 68, 69, 72 | | | | | | | |
| ALL | 17. Electrical wiring for chafing and loose or corroded connections. Access 55,56,67,68,69,72 | | | | | | | |
| ALL C | Remove bloomed around blowe | ower motor and inspect 3 122.33) for cracks in web r mounting holes. | | | | | | |
| ALL C | 19. Elevator for cracks, punctures and loose or missing rivets. Mounting for proper adjustment and security. Access 55 | | | | | | | |

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

7-100 Change 1

| PHASE | E NO. | TAIL | | Area Name and No. AND FIN 14 (LEFT SIDE) | Aircraft Serial No. | Da | ate |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------|--------|---------------------------------------------|---------------------|----|---------|
| Inspect Phase No's | Inspection Requirements | ; | Status | Faults and/or Remarks | Action Taken | | Initial |
| ALL | 20. Antenna mounts for damage security. | e and | | | | | |
| 2, 4 C | 21. Flight control push-pull tube damage, binding, worn bearings, sion and security. Access 55, 56, 63, 64, 67 | es for , corro- | | | | | |
| 2, 4 C | 22. Tail rotor control bellcranks damage, condition of bearings arcurity. | | | | | | |
| | Access 62, 67 | - - | | | | | |
| 2, 4 C | Tail rotor control levers and ports for damage, condition of be and security. | sup- earings | | | | | |
| | Access 55, 62, 63, 64, 67 | | | | | | |
| 2, 4 C | 24. Tail rotor control lever, link a idler (at tail rotor 90-degree geal for damage, corrosion, condition bearings and security. | rbox) | | | | | |
| | Access 62 | - | | | | | |

"FOD REMINDER"

| PHASE | E NO. | TA | | Area Name and No. I AND FIN - 14 (LEFT SIDE) | Aircraft Serial No. | Da | ate |
|--------------------------|----------------------------------------------------------------------------------------------------------|------------------|--------|-------------------------------------------------|---------------------|----|---------|
| Inspect Phase No's | Inspection Requirements | | Status | Faults and/or Remarks | Action Taken | | Initial |
| ALL | 25. Tail rotor (90 degree) gearb er for cracks, chafing, missing or stripped fasteners. Access 62 | ox cov- | | | | | |
| 4 | 26. Tail rotor (90 degree) gearb port fitting for chafing by vertical door. Access 62 | ox sup- fin | | | | | |
| ALL | 27. Tail rotor (90 degree) gearbooleakage, cracks, corrosion and s Access 62 | | | | | | |
| ALL C | 28. Tail rotor (90 degree) gearboricating oil drained and refilled. Access 62 | ox lu- | | | | | |
| ALL | 29. Tail rotor (90 degree) gearbordetector removed, inspected, cle Perform functional check. Access 62 | ox chip aned. | | | | | |

"FOD REMINDER"

| PHASE NO | Э. | Area Name TAIL BOOM AND FIN | | SIDE) | Aircraft | Serial No. | £ | Date |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------|------------|-----------------------------------------------------------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| inspect Phase No's | Inspe | ection Requirements | Status | Faults and/ | or Remarks | Actions Tak | en | Initial |
| ALL C | ing inserts for for voids or cr apply standards or salty climate with proseal to | · | | | | | | Source and control of the control of |
| ALL C | hardware, wiri | ENT LRUs: Inspect for security, ing. 68, 69, 72 | | | | | | |
| A U C | cracked or brol visible inside o is free of fore | ure that indicator glass is not ken and that moisture is not of glass. Ensure that filter vent eign objects. Ensure connectors attached. (TM 9-1425-473-20) | | | | Section of any planta value and management of development | | em of the Samp of the Conference of the Conferen |
| A U | cracked or bro visible inside o are free of for | ure that indicator glass is not oken and that moisture is not of glass. Ensure that filter vents reign objects. Clean filter. Ensure a securely attached 73-20). | | | | | | |
| A U C | 34. MCA: Ensure that indicator is not cracked or broken and that moisture is not visiable inside the glass. Ensure connectors are security attached. (TM-9-1425-473-20). 35. EER's: Ensure that seff locking swing bolts are free from binding. Ensure that guide pins are secure and not bent or broken. (TM 9-1425-473-20). | | | | | | | |
| ALL C | | | | | | | | |

| PHASE NO | | Area Na TAIL ROTOR (| me and N DRIVE TR | | Air | craft Serial No. | Date | |
|--------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----------------------|--------------------|------|------------------|------|---------|
| Inspect Phase No's | Inspe | ection Requirements | Status | Faults and/or Rema | arks | Action Taken | | Initial |
| ALL | corrosion, punctu Fasteners for pro | cess doors for chafing, cracks, ures and loose or missing rivets, oper operation and security. | | | | | | |
| ALL | age and security. | ve shaft cover hinges for dam- | | | | | | |
| ALL | 3. Antenna mod | unts for damage and security. | | | | | | |
| 2, 4 | 4. Tail rotor drive shafts for dents, nicks, scratches, and distortion. Access 15 | | | | | | | |

"FOD REMINDER"

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

"FOD REMINDER"

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

"FOD REMINDER"

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

7-106 Change 7

| PHASE N | 1 O. | Area Name and | No. | | Aircraft S | erial No. | Date | |
|--------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------|--------|-------|------------------|--------------|------|---------|
| | | TAIL ROTOR - | 16 | | | | | |
| Inspect Phase No's | | Inspection Requirements | Status | Fault | s and/or Remarks | Action Taker | | Initial |
| ALL C | L 1. Remove rotor blades from the yoke and the yoke from the tail rotor hub. Inspect tail | | | | | | | |
| | rotor hui | b assembly for visible damage and Inspect blade retention and trunnion | | - : | | | | |
| | bearings | | | | | | | |
| ALL C | | Tail rotor blades for cracks, dents, erosion and security. | | | | | | |
| | | · | | | | | | |
| | | | | TT | | | | |
| ALL C | | rotor pitch changes links for n and security. Rod ends for binding | | | | | | |
| | or exces | sive wear. | | | | | | |
| | | | | | | | | |
| ALL C | | rotor crosshead for corrosion and Bearings for binding or excessive | | | | | | |
| | wear. | | | | | | | |
| | | | | | | | | |
| ALL C | | | | | | | | |
| | | | | | | | | |
| | | | | | | | - | |

"FOD REMINDER"

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

7-107 Change 8

| PHASE N | Ю. | Area Name and No. TAIL ROTOR -16 | | | Aircraft S | Date | |
|--------------------------|-------------------------|----------------------------------|--------|--------|----------------|--------------|-----------|
| Inspect Phase No's | Inspection Requirements | | Status | Faults | and/or Remarks | Action Taker | ı İnitial |
| ALL C | 6. Dele | eted. | | | | | · |
| | | | | | | | |
| ALL C | 7. Dele | eted. | | | | | |
| | | | | | | | |
| ALL | 8. Dele | eted. | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

"FOD REMINDER"

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

7-108 Change 8

| PHAS | SE NO. | Area Name an LUBRICATI | | | Air | rcraft Serial No. | Date | |
|--------------------------|-------------------------------------------------|-------------------------------------------------------------------------------|--------|-----------------------|-----|-------------------|------|---------|
| Inspect Phase No's | Inspe | ection Requirements | Status | Faults and/or Remarks | | Action Taken | | Initial |
| ALL | | Lubricate in accordance with lubrica- tion chart contained in the maintenance | | | | | | |
| С | tion chart contained in the maintenance manual. | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| рыл | SE NO. | Area Name a | nd No. | | | Aircraft Serial No. | Data | |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|--------|--------------------|-----|---------------------|------|---------|
| ГПА | SE NO. | POWER ON CH | IECKS | | | | | |
| Inspect Phase No's | Inspe | ection Requirements | Status | Faults and/or Rema | rks | Action Taken | | Initial |
| ALL C | | | | | | | | |
| ALL C | Combustion chamber drain valve for proper operation during engine operation. Check for no fuel while operating but some drainage at shutdown. | | | | | | | |
| ALL C | Particle during engi airstream flow | separator overboard vent ne operation for smooth | | | | | | |
| ALL C | 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 maintentance and inspection.

7-110 Change 1

TM 55-1520-244-PM

| DUAG | PHASE NO. POWER O | | | | | Aircraft Serial No. | Date | |
|--------------------------|-------------------------------------------------------------------------------------------------------|---------------------|--------|--------------------|------|---------------------|------|---------|
| FILA | SE NO. | POWER ON C | HECKS | | | | | |
| Inspect Phase No's | Inspi | oction Requirements | Status | Faults and/or Rema | irks | Action Taken | | Initial |
| ALL | Transmission oil level light for proper operation. | | | | | | | |
| | Aft electrical compartment blower for proper operation. Use heat gun to simulate overheat. Access 56 | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| F | PHASE NO. | Area N FINAL INSPECT | ame and | No. QUIREMENTS | Aircra | aft Serial No. | Date | |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------|----------------------|--------|----------------|------|---------|
| Inspect Phase No's | Inspe | ction Requirements | Status | Faults and/or Remark | S | Action Taken | | Initial |
| ALL 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 C | Operational Chec | -Inspection Maintenance cks (MOC), as required, in the requirements of TM | | | | | | |
| ALL C | | ly inspection in accor- 5-1520-244-PMD. | | | | | | |
| ALL 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 C | 4. Perform TSGI TM 9-1425-473-3 | MS in accordance with 34. | | | | | | |

"FOD REMINDER"

| PHASE N | Ю. | Area Name and No. FINAL INSPECTION REQUIREMENTS | | | Aircraft S | Serial No. | Date | |
|--------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------|--|-----------------------|------------|--------------|------|---------|
| Inspect Phase No's | | Inspection Requirements | | Faults and/or Remarks | | Action Taken | | Initial |
| ALL C | | MAMENT SYSTEMS FUNCTIONAL (TM 9-1090-203) | | | | | | |
| ALL C | 6. Peri | orm boresight verification of ARMT | | | | | | |
| C | subsystems as required. (TM 9-1090-206-20) | | | | | | | |
| ALL 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

7-113 Change 8

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

7-114

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

Address: 4300 Park
 City: Hometown

5. *St:* MO6. *Zip:* 77777

Date Sent: 19-OCT-93
 Pub no: 55-2840-229-23

9. **Pub Title**: TM

10. Publication Date: 04-JUL-85

Change Number: 7
 Submitter Rank: MSG
 Submitter FName: Joe
 Submitter MName: T
 Submitter LName: Smith

16. **Submitter Phone**: 123-123-1234

17. **Problem:** 1 18. Page: 2 19. Paragraph: 3 20. Line: 4 21. NSN: 5

NSN: 5
 Reference: 6
 Figure: 7
 Table: 8
 Item: 9

25. *Item:* 9 26. *Total:* 123

27. **Text:**

This is the text for the problem below line 27.



SOMETHING WRONG WITH THIS PUBLICATION?

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

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS) PFC JOHN DOE COA, 3d ENGINEER BN

PUBLICATION NUMBER

PUBLICATION DATE

PUBLICATION TITLE

| BE EXA | CT. PIN-F | | RE IT IS | IN THIS SPACE TELL WHAT IS WRONG |
|-------------|------------|---------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PAGE NO. | GRAPH | FIGURE NO. | TABLE NO | In line 6 g paragraph 2-10 the monad states the engine has be Cylinders. The engine on my set only has 4 Cylinders. Clarge the manual to show L Cylinders. |
| 81 | | 4-3 | | Callent 16 on figure 4-3 is pointing at a bolt. In key to figure 4-3, item 16 is celled a shim - Please Correct one or the other. |
| 125 | le | ne s | 20 | I ordered a gasket, item 19 on figure B-16 by NSN 2910-00-762-3001. I get a gasket bit it dress it fit. Supply says I get What I ordered so the NSN is wrong. Please give me a |
| PRINTED | NAME, GRAD | E OR TITLE | AND TELEP | HONE NUMBER SIGN HERE. CHARLES |

DA 1 JUL 79 2028-2

JOHN DOE, PFC (268) 317.7111 PREVIOUS EDITIONS ARE OBSOLETE. DRSTS-M Overprint 1, 1 Nov 80

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

JOHN DOE

| FILL IN YOUR UNIT'S ADDRESS |
|-----------------------------|
| DEPARTMENT OF THE ARMY |
| OFFICIAL BUSINESS |

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

FOLD BACK

_ TEAR ALONG PERFORATED LINE __

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS

THIS PUBLICATION?

| | 7 / | | | TECOMIN | ENDED CHAIN | 3E3 T | | redititione i obelonito. | |
|----------------------------------------|----------------|--------------|-------------|--------------------------------|-------------------------------------------------------------|---------------|-------------|--------------------------|--|
| 7 | 2 | | | | SOMETI | | WRONG | WITH THIS PUBLICATIO | |
| | | 1 | DOPE AL | BOUT IT AREFULI LD IT AI | WN THE ON THIS LY TEAR IT ND DROP IT | FROM DATES | | HT'S COMPLETE ADDRESS) | |
| PUBLICATION NUMBER | | | | | PUBLICATION DATE PUBLICATION TITLE Phased Maintenance Check | | | | |
| TM 55-1520-244-PM | | | | | 30 Apr 90 AH-1E/F/P/S Helicopter | | | | |
| BE EXACT. PIN-POINT WHERE IT IS IN THE | | | | | THIS SPACE TELL WHAT IS WRONG | | | | |
| PAGE NO | PARA- GRAPH | FIGURE NO | TABLE NO | AND W | HAT SHOULD B | E DON | E ABOUT IT: | | |
| | | | | | | | | | |

PRINTED NAME GRADE OR TITLE AND TELEPHONE NUMBER

SIGN HERE

| FILL IN YOUR UNIT'S ADDRESS | | | | | | | |
|-----------------------------|--|--|--|--|--|--|--|
| DEPARTMENT OF THE ARMY | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| OFFICIAL BUSINESS | | | | | | | |

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

FOLD BACK

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



SOMETHING WRONG WITH THIS PUBLICATION?

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

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

DATE SENT

PUBLICATION NUMBER

TM 55-1520-244-PM

PUBLICATION DATE

30 Apr 90

PUBLICATION TITLE

Phased Maintenance Checklists

| | | | | 1 | | 1 | AH-IE/F/P/S | Helicopter | |
|---------|----------|------------|-----------|------------|------------|-----------|---------------------|------------|--|
| PAGE | PARA- | FIGURE | TABLE | IN THIS | SPACE TEL | L WHAT IS | WRONG EABOUT IT: | | |
| NO | GRAPH | NO | NO | | | DE DONE | 2 ABOUT 11: | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | 1 | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | i | | | | | |
| | | | | | | | | | |
| | ! | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | ļ | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| PRINTED | AME GRAD | E OR TITLE | AND TELEP | HONE NUMBE | : p | SIGN HER | es. | | |
| | Guat. | . On mile | HAD TELEP | TORE NUMBE | : - | SIGN HER | 15 | | |
| l | | | | | | | | | |

| FILL IN YOUR UNIT'S ADDRESS |
|--------------------------------|
| |

FOLD BACK

TEAR ALONG PERFORATED LINE

DEPARTMENT OF THE ARMY

OFFICIAL BUSINESS

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

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



SOMETHING WRONG WITH THIS PUBLICATION?

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

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

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 | | | RE IT IS | IN THIS SPACE TELL WHAT IS WRONG | | | | |
|---------------------------------|----------------|--------------|--------------|----------------------------------|-------------------|--|--|--|
| PAGE NO | PARA- GRAPH | FIGURE NO | TABLE NO | AND WHAT SHOULD | BE DONE ABOUT IT: | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Ī | | | | | | | | |
| | | | | | | | | |
| | | | <u> </u> | | | | | |
| | | | | ļ ķ | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | 1 | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| PRINTED | NAME GRA | DE OR TITLE | AND TELE | PHONE NUMBER | SIGN HERE | | | |
| 1 | | | | | | | | |

TEAR ALONG PERFORATED LINE

| | FILL IN YOUR UNIT'S ADDRESS |
|-------|-----------------------------|
| DEPAR | TMENT OF THE ARMY |
| | |

OFFICIAL BUSINESS

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

FOLD BACK

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



SOMETHING WRONG WITH THIS PUBLICATION?

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

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

DATE SENT

PUBLICATION NUMBER

PUBLICATION DATE

PUBLICATION TITLE

Phased Maintenance Checklists

| TM 55 | TM 55-1520-244-PM | | | | 30 Apr 90 | o | AH-1E/F/P/S Helicopter |
|-------------------------|-------------------|-------------|-----------|-----------|------------|---------|------------------------|
| BE EXAC | | OINT WHE | RE IT IS | IN THIS | SPACE TELL | | |
| PAGE PARA- FIGURE TABLE | | | | | HAT SHOULD | BE DON | E ABOUT IT: |
| NO | GRAPH | NO | NO | | | | |
| | | | | | | | |
| | | | | | | | • |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | ļ | | | | |
| | | | | | | | |
| | | | | • | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | <u>,</u> | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | ł | | | |
| | | | | | | | |
| | | | | 1 | | | |
| | | | | | | | |
| | | | | | | | |
| | | | |] | | | |
| | | | |] | | | |
| | | } | l | } | | | |
| | | | | | | | |
| | | | | i | | | |
| | |] | |] | | | |
| | | 1 | |] | | | |
| | ł | 1 | | | | | |
| | 1 | | I | | | | |
| i | l | <u> </u> | | | | | |
| PRINTED | NAME GRAD | YE OR TITLE | AND TELEF | PHONE NUM | RER | SIGN HE | ERE |
| • | | | | | | | |
| i | | | | | | 1 | |

DA 1 JUL 79 2028-2

PREVIOUS EDITIONS ARE OBSOLETE

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

TEAR ALONG PERFORATED LINE
!
!

| | FILL IN YOUR UNIT'S ADDRESS |
|--------|-----------------------------|
| DEPAR' | TMENT OF THE ARMY |
| | PFICIAL BUSINESS |

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

FOLD BACK

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



SOMETHING WRONG WITH THIS PUBLICATION?

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

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

DATE SENT

| PUBL | CATION | NUME | RER |
|-----------------------------------------|--------|------------|-----|
| , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | 4 14 CHAIF | , |

PUBLICATION DATE

PUBLICATION TITLE

TM 55-1520-244-PM

Phased Maintenance Checklists

AH-1E/F/P/S Helicopter

30 Apr 90 AH-1E/F/

PIN-POINT WHERE IT IS BE EXACT. IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT: PAGE NO PARA-GRAPH FIGURE TABLE NO NO PRINTED NAME GRADE OR TITLE AND TELEPHONE NUMBER SIGN HERE

| FILL IN YOUR UNIT'S ADDRESS | |
|-----------------------------|---|
| DEPARTMENT OF THE ARMY | _ |
| | • |
| OFFICIAL BUSINESS | |

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

FOLD BACK

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 milliters = .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 | То | 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 5/9 (after Celsius temperature subtracting 32) temperature

PIN: 067711-008