

TECHNICAL MANUAL

**UH-1H/V AND EH-1H/X AIRCRAFT
PHASED MAINTENANCE CHECKLIST**

**HEADQUARTERS, DEPARTMENT OF THE ARMY
4 JANUARY 1983**

URGENT

TM 55-1520-210-PM

C 24

CHANGE

NO. 24

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 16 April 2003

**UH-1H/V and EH-1H/X AIRCRAFT
PHASED MAINTENANCE CHECKLIST**

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

TM 55-1520-210-PM, 4 January 1983, 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

A and B
2-17 and 2-18

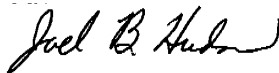
A and B
2-17 and 2-18

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

By Order of the Secretary of the Army:

Official:

ERIC K. SHINSEKI
General, United States Army
Chief of Staff



JOEL B. HUDSON
*Administrative Assistant to the
Secretary of the Army*
0310007

DISTRIBUTION:

To be distributed in accordance with Initial Distribution Number (IDN) 310897, requirements for TM 55-1520-210-PM.

URGENT

TM 55-1520-210-PM

C23

CHANGE

NO. 23

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 8 November 2002

**UH-1H/V and EH-1H/X AIRCRAFT
PHASED MAINTENANCE CHECKLIST**

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

TM 55-1520-210-PM, 4 January 1983, is changed as follows:

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Remove pages

Insert pages

A/(B blank)

A and B

2-23 and 2-24

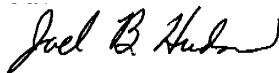
2-23 and 2-24

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

By Order of the Secretary of the Army:

Official:

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General, United States Army
Chief of Staff



JOEL B. HUDSON
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TM 55-1520-210-PM
C22

CHANGE

NO. 22

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C. 8 May 2002

TECHNICAL MANUAL

UH-1H/V and EH-1H/X AIRCRAFT PHASED MAINTENANCE CHECKLIST

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

OZONE DEPLETING CHEMICAL INFORMATION

This document has been reviewed for the presence of Class I ozone depleting chemicals. As of Change 20, dated 4 January 1983, all references to Class I ozone depleting chemicals have been removed from this document by substitution with chemicals that do not cause atmospheric ozone depletion.

HAZARDOUS MATERIAL INFORMATION

This document has been reviewed for the presence of solvents containing hazardous materials as defined by the EPCRA 302 and 313 lists. As of Change 20, dated 4 January 1983, all references to solvents containing hazardous materials have been removed from this document with non-hazardous or less hazardous materials where possible.

TM 55-1520-210-PM, 4 January 1983, 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
A and B
2-3 and 2-4

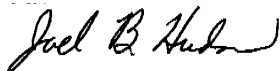
Insert pages
A and B
2-3 and 2-4

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

By Order of the Secretary of the Army:

Official:

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General, United States Army
Chief of Staff



JOEL B. HUDSON
Administrative Assistant to the
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TM 55-1520-210-PM
C21

CHANGE

NO. 21

**HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 2 October 2000**

**UH-1H/V and EH-1H/X AIRCRAFT
PHASED MAINTENANCE CHECKLIST**

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

TM 55-1520-210-PM, 4 January 1983, 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

A/(B blank)
2-3 and 2-4

Insert pages

A and B
2-3 and 2-4

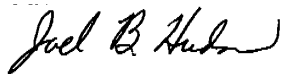
2. Retain this sheet in front of manual for reference purposes.

TM 55-1520-210-PM
C21

By Order of the Secretary of the Army:

Official:

ERIC K. SHINSEKI
General, United States Army
Chief of Staff



JOEL B. HUDSON
Administrative Assistant to the
Secretary of the Army
0027002

DISTRIBUTION:

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U R G E N T

TM 55-1520-210-PM
C20

CHANGE

NO. 20

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 25 October 1999

TECHICAL MANUAL

UH-1H/V and EH-1H Aircraft PHASED MAINTENANCE CHECKLIST

DISTRIBUTION STATEMENT A Approved for public release; distribution is unlimited

TM 55-1520-210-PM, 4 January 1983, is changed as follows:

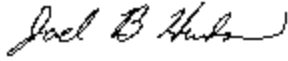
1. Remove and insert pages as indicated below. New or changed text material is indicated by a vertical bar in the margin. An illustration change is indicated by a miniature pointing hand.

Remove pages	Insert pages
-----	A/(B blank)
1-3 and 1-4	1-3 and 1-4
2-31 and 2-32	2-31 and 2-32
2-35 and 2-36	2-35 and 2-36
2-59 and 2-60	2-59 and 2-60

2. 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*

9928602

ERIC K. SHINSEKI
*General, United States Army
Chief of Staff*

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TM 55-1520-210-PM
C19

CHANGE

NO. 19

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 13 January 1997

UH-1H/V and EH-1H/X Aircraft
PHASED MAINTENANCE CHECKLIST

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

TM 55-1520-210-PM, 4 January 1983, 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

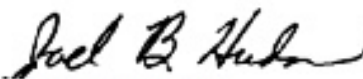
2-21 and 2-22
2-37 and 2-38
2-61/(2-62 blank)

Insert pages

2-21 and 2-22
2-37 and 2-38
2-61/(2-62 blank)

2. 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
02824

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

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CHANGE

NO. 18

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 1 July 1996

UH-1H/V and EH-1H/X Aircraft
PHASED MAINTENANCE CHECKLIST

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

TM 55-1520-210-PM, 4 January 1983, 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
1-9 and 1-10

1-13 and 1-14
2-3 and 2-4
2-11 and 2-12
2-19/(2-20 blank)
2-21 through 2-24
2-29 through 2-32
2-33/(2-34 blank)
2-35 through 2-38
2-49/(2-50 blank)
2-51 and 2-52
2-59/(2-60 blank)
2-61/(2-62 blank)

Insert pages

1-1 through 1-4
1-9 and 1-10
1-10.1/(1-10.2 blank)
1-13 and 1-14
2-3 and 2-4
2-11 and 2-12
2-19/(2-20 blank)
2-21 through 2-24
2-29 through 2-32
2-33 and 2-34
2-35 through 2-38
2-49/(2-50 blank)
2-51 and 2-52
2-59 and 2-60
2-61(262 blank)

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

By Order of the Secretary of the Army:

Official:

Handwritten signature of Joel B. Hudson in black ink.

JOEL B. HUDSON

*Administrative Assistant to the
Secretary of the Army*

01977

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

DISTRIBUTION:

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TM 55-1520-210-PM.

U R G E N T

**TM 55-1520-210-PM
C17**

CHANGE

NO. 17

**HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 15 NOVEMBER 1995**

**UH-1H/V and EH-1H Aircraft
PHASED MAINTENANCE CHECKLIST**

DISTRIBUTION STATEMENT A Approved for public release; distribution is unlimited

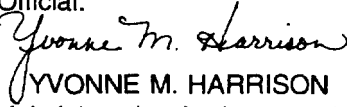
TM 55-1520-210-PM, 4 January 1983, is changed as follows:

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
2-3 and 2-4	2-3 and 2-4
2-31 and 2-32	2-31 and 2-32
2-37 and 2-38	2-37 and 2-38

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

By Order of the Secretary of the Army:

Official:

YVONNE M. HARRISON
*Administrative Assistant to the
Secretary of the Army*
00969

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

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TM 55-1520-210-PM.**

U R G E N T

CHANGE }
NO. 16 }

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 30 April 1992

UH-1H/V and EH-1H/X Aircraft
PHASED MAINTENANCE CHECKLIST

TM 55-1520-210-PM, 4 January 1983, 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

1-13 and 1-14
2-3 and 2-4
2-9/2-10
2-27/2-28
2-29 and 2-30
2-31 and 2-32
2-51 and 2-52
2-53/2-54
2-61/2-62

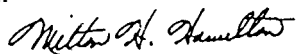
Insert pages

1-13 and 1-14
2-3 and 2-4
2-9/2-10
2-27/2-28
2-29 and 2-30
2-31 and 2-32
2-51 and 2-52
2-53/2-54
2-61/2-62

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

By Order of the Secretary of the Army:

Official:



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

01255

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

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CHANGE }
NO. 15 }

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 22 February 1991

UH-1H/V and EH-1H/X Aircraft
Phased Maintenance Checklist

TM 55-1520-210-PM, 4 January 1983, 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
2-21 and 2-22

Insert pages

1-1 through 1-4
2-21 and 2-22

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

By Order of the Secretary of the Army:

Official:

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

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

DISTRIBUTION:

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URGENT

TM 55-1520-210-PM
C 14

CHANGE }
NO. 14 }

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 6 September 1990

UH-1H/V and EH-1H/X Aircraft PHASED MAINTENANCE CHECKLIST

TM 55-1520-210-PM, 4 January 1983, 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 and 1-2
2-3 and 2-4
2-15 through 2-32
2-35 through 2-42
2-46.1/2-46.2
2-47 through 2-52
2-54.1/2-54.2
2-57/2-58 through 2-61/2-62

Insert pages

1-1 and 1-2
2-3 and 2-4
2-15 through 2-32
2-35 through 2-42
2-46.1/2-46.2
2-47 through 2-52
2-54.1/2-54.2
2-57/2-58 through 2-61/2-62

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 UH-1H/V Helicopter, Utility, EH-1H Helicopter, Electronic Countermeasure, and EH-1X Helicopter, Electronic Countermeasure & Intercept.

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URGENT

TM 55-1520-210-PM
C 13

CHANGE }
NO. 13 }

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 16 April 1990

UH-1H/V AND EH-1H/X AIRCRAFT
PHASED MAINTENANCE CHECKLIST

TM 55-1520-210-PM, 4 January 1983, 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

2-23/2-24
2-27/2-28
2-31 and 2-32

Insert pages

2-23 and 2-24
2-27/2-28
2-31 and 2-32

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:

WILLIAM J. MEEHAN II
Brigadier General, United States Army
The Adjutant General

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URGENT

CHANGE }
NO. 12 }

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 22 November 1989

UH-1H/V AND EH-1H/X AIRCRAFT
PHASED MAINTENANCE CHECKLIST

TM 55-1520-210-PM, 4 January 1983, 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

1-3 and 1-4
2-7/2-8
2-23/2-24
2-27/2-28
2-31 and 2-32
2-49/2-50
2-55 and 2-56

Insert pages

1-3 and 1-4
2-7/2-8
2-23/2-24
2-27/2-28
2-31 and 2-32
2-49/2-50
2-55 and 2-56

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:

WILLIAM J. MEEHAN II
Brigadier General, United States Army
The Adjutant General

DISTRIBUTION:

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TM 55-1520-210-PM
C 11

CHANGE }
NO. 11 }

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 22 August 1988

UH-1H/V AND EH-1H/X AIRCRAFT PHASED MAINTENANCE CHECKLIST

TM 55-1520-210-PM, 4 January 1983, 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

2-17 and 2-18
2-27/2-28
2-31 and 2-32
2-46.1/2-46.2

Insert pages

2-17 and 2-18
2-27/2-28
2-31 and 2-32
2-46.1/2-46.2

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

By Order of the Secretary of the Army:

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

Official:

R. L. DILWORTH
Brigadier General, United States Army
The Adjutant General

DISTRIBUTION:

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URGENT

CHANGE }
NO. 10 }

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 6 June 1988

UH-1H/V AND EH-1H/X AIRCRAFT
PHASED MAINTENANCE CHECKLIST

TM 55-1520-210-PM, 4 January 1983, 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

1-9 and 1-10
2-3 and 2-4
2-7/2-8
2-13/2-14
2-17 and 2-18
2-45/2-46

Insert pages

1-9 and 1-10
2-3 and 2-4
2-7/2-8
2-13/2-14
2-17 and 2-18
2-45/2-46

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:

R. L. DILWORTH
Brigadier General, United States Army
The Adjutant General

DISTRIBUTION:

To be distributed in accordance with DA Form 12-31, PM requirements for UH-1H Helicopter, Utility; UH-1V Helicopter, Utility; EH-1H Helicopter, Electronic Countermeasure and EH-1X Helicopter, Electronic Countermeasure and Intercept.

URGENT

TM 55-1520-210-PM
C 9

CHANGE }
NO. 9 }

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 26 February 1986

UH-1H/V AND EH-1H/X AIRCRAFT PHASED MAINTENANCE CHECKLIST

TM 55-1520-210-PM, 4 January 1983, 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

1-3 and 1-4
1-9 and 1-10
1-13 and 1-14
2-3 and 2-4
2-46.1/2-46.2
2-47 and 2-48
2-51 and 2-52

Insert pages

1-3 and 1-4
1-9 and 1-10
1-13 and 1-14
2-3 and 2-4
2-46.1/2-46.2
2-47 and 2-48
2-51 and 2-52

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

By Order of the Secretary of the Army:

JOHN A. WICKHAM, JR.
General, United States Army
Chief of Staff

Official:

MILDREDE E. HEDBERG
Brigadier General, United States Army
The Adjutant General

DISTRIBUTION:

To be distributed in accordance with DA Form 12-31, AVUM and AVIM Maintenance requirements for UH-1H/V Helicopter, Utility and EH-1H/X Helicopter, Electronic Countermeasure & Intercept.

URGENT

URGENT

TM 55-1520-210-PM
C 8

CHANGE }
| NO. 8 }

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 15 October 1985

UH-1H/V AND EH-1H/X AIRCRAFT PHASED MAINTENANCE CHECKLIST

TM 55-1520-210-PM, 4 January 1983, 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

1-15 and 1-16
2-35 and 2-36
2-41 and 2-42
2-53 and 2-54
- - -
2-59/2-60
2-61/2-62

Insert pages

1-15 and 1-16
2-35 and 2-36
2-41 and 2-42
2-53/2-54
2-54.1/2-54.2
2-59/2-60
2-61/2-62

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

By Order of the Secretary of the Army:

JOHN A. WICKHAM, JR.
General, United States Army
Chief of Staff

Official:

MILDRED E. HEDBERG
Brigadier General, United States Army
The Adjutant General

DISTRIBUTION:

To be distributed in accordance with DA Form 12-31, PM Maintenance requirements for UH-1H/V Helicopter, Utility and EH-1H/X Helicopter, Electronic Countermeasure & Intercept.

URGENT

LIST OF EFFECTIVE PAGES

Insert latest changed pages; dispose of superseded pages in accordance with regulations.

NOTE: On a changed page, the portion of the text affected by the latest change is indicated by a vertical line, or other change symbol, in the outer margin of the page. Changes to illustrations are indicated by miniature pointing hands. Changes to wiring diagrams are indicated by shaded areas.

Dates of issue for original and changed pages are:

Original	0	04 January 1983	Change	12	22 November 1989
Change	1	31 January 1983	Change	13	16 April 1990
Change	2	18 March 1983	Change	14	06 September 1990
Change	3	18 April 1983	Change	15	22 February 1991
Change	4	14 March 1984	Change	16	30 April 1992
Change	5	18 April 1985	Change	17	15 November 1995
Change	6	19 April 1985	Change	18	01 July 1996
Change	7	12 July 1985	Change	19	13 January 1997
Change	8	15 October 1985	Change	20	25 October 1999
Change	9	26 February 1986	Change	21	2 October 2000
Change	10	06 June 1988	Change	22	8 May 2002
Change	11	22 August 1988	Change	23	8 November 2002
			Change	24	16 April 2003

Page No.	*Change No.	Page No.	*Change No.
Cover.....	0	2-5.....	0
Blank	0	2-6 (blank).....	0
A	24	2-7	12
B	23	2-8 (blank).....	0
i – ii.....	18	2-9	16
1-1	0	2-10 (blank).....	0
1-2	18	2-11	0
1-3	13	2-12	18
1-4	18	2-13	10
1-5 thru 1-8	0	2-14 (blank).....	0
1-9	9	2-15 and 2-17.....	14
1-10	18	2-18	24
1-10.1	18	2-19.....	18
1-10.2 (blank)	18	2-20 (blank)	0
1-11 and 1-12	0	2-21	18
1-13 and 1-14	18	2-22	19
1-15 and 1-16	8	2-23	23
2-1	0	2-24.....	18
2-2 (blank).....	0	2-25 and 2-26.....	14
2-3	22	2-27.....	16
2-4	22	2-28 (blank).....	0

*Zero in this column indicates an original page.

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Page No.	*Change No.	Page No.	*Change No.
2-29	18	2-47 and 2-48	14
2-30	14	2-49	18
2-31	18	2-50 (blank)	0
2-32	20	2-51	18
2-33 and 2-34	18	2-52	16
2-35	8	2-53	16
2-36	20	2-54 (blank)	16
2-37	14	2-54.1	14
2-38	19	2-54.2 (blank)	0
2-39	0	2-55	12
2-40 (blank)	0	2-56	5
2-41 and 2-42	14	2-57	14
2-43	5	2-58 (blank)	0
2-44 (blank)	0	2-59	20
2-45	10	2-60	18
2-46 (blank)	0	2-61	19
2-46.1	14	2-62 (blank)	0
2-46.2 (blank)	14		

TM 55-1520-210-PM

**HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 4 January 1983**

UH-1H/V AND EH-1H/X AIRCRAFT PHASED MAINTENANCE CHECKLIST

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. MANDATORY SAFETY-OF-FLIGHT INSPECTION ITEMS ARE PRINTED IN BOLD FACE TYPE.

NOTE

INSPECTION ITEMS CONTAINED IN THIS MANUAL ARE CONSIDERED THE MINIMUM REQUIREMENTS FOR PERFORMING PHASED MAINTENANCE 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 supersedes TM 55-1520-210-PM, 20 July 1978, including all changes.**

SECTION I - GENERAL INFORMATION

1-1. PHASED SCHEDULE. This phased maintenance inspection checklist contains requirements for inspection of the UH-1H/V and EH-1H/X aircraft on phased schedule having a 900 hour (flight hours) cycle with 150 hour phases. Each requirement included herein is designated for accomplishment at least once, but not more than six times during the 900 hour cycle.

1-2. EXCEEDING THE PHASED SCHEDULE. The phased 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 conditions of 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 are considered the MINIMUM mandatory Combat maintenance inspection requirements for helicopters scheduled for imminent deployment to or stationed in a combat environment. Under no circumstances will two Combat Phase inspection be performed sequentially. When inspections are delayed to meet emergency requirements, Commanders will assure that the I 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 as necessary to insure safe operation (TM 1-1500-328-23).

1-3. MAINTENANCE ACTIVITIES. The inspections prescribed by this checklist will be accomplished at specified phases 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 obtained from the latest issue of the aircraft (TM 55-1520-210-23) series maintenance manuals.

1-5. CHANGEOVER TO THE PHASED MAINTENANCE SYSTEM. Changeover shall be accomplished in accordance with instructions provided in TB 55-1500-337-24 entitled, "Phased Maintenance System for Army Aircraft". The requirements of this TB must be accomplished prior to implementation of Phase 1 inspection requirements specified in this checklist.

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

1-7. SPECIAL INSPECTION, CALENDAR INSPECTION AND

LUBRICATION REQUIREMENTS. Special inspection, calendar inspection and lubrication requirements contained in C(M 55-1520-210-23) and those listed on the aircraft DA Form 2408-18 shall be reviewed and accomplished in accordance with the "inspection due" requirements specified in those documents.

1-8. TIME BETWEEN OVERHAUL (TBO) AND RETIREMENT LIFE ITEMS CHECK.

Prior to start of the applicable phased maintenance inspection, a check will be made of components and their remaining operating hours prior to removal. The latest issue of the aircraft, TM 55-1520-210-23 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 PHASED INSPECTION CHECKLIST. 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. Any fault not corrected will be carried forward to a new DA Form 2408-13 or reentered on 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 phased maintenance inspection. The inspector verifying the final records check shall enter his initials adjacent to the indicated form or record on the Final Records Checklist. The initials entered shall be registered on the Signature Sheet (Table 1-1) adjacent to that person's signature.

1-11. SIGNATURE SHEET. All personnel performing inspection and/or maintenance tasks shall place their signatures and initials on the signature sheet (Table 1-1). 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. After the completion of any required corrective actions to any of the components of the function system of the aircraft, maintenance operational checks (MOC) shall be performed on that system to determine the effectiveness of maintenance actions performed and to verify to proper operation of that system. These MOC shall be performed in accordance with TM 1-1500-328-23. Copies of DA Form 240813-1 (Figure 1-1) and DA Form 2408-13-2 (Figure 1-1.1) may be used to record and sign off the MOC performed.

1-13. MAINTENANCE TEST FLIGHT. When all required inspections in Section II have been accomplished and initialed in accordance with the above procedures, a daily inspection in accordance with the TM specified in Section II will be performed on the aircraft to permit a maintenance test flight (MTF) to be made. The MTF shall be performed in accordance with the requirements of TM 55-1520-242-MTF and TM 1-1500-328-23, using the MTF Form in the MTF Technical Manuals. A suggested maintenance test flight checksheet (Figure 1-5) and Rotor Smoothing Record (Figure 1-6) are provided at the end of Section I.

1-14. CHECKLIST DISPOSITION. The completion of each phased maintenance shall be recorded on DA Form 2408-13 and DA Form 2408-15 as prescribed by DA PAM 738-751. The signed checklist, together with all continuation sheets shall be attached to DA Form 2408-13, and filed for the six month period as required by DA PAM 738-751.

1-15. INSPECTION AREAS. Figures 1-2 and 1-3 show the inspection areas of the UH-1H/V and EH-1H/X aircraft. These areas are titled as shown below. Figure 1-4 shows the location of access doors and panels which require removal at various phased maintenance inspections. Access panels and doors are identified by number of the text where applicable. Additional panels and doors may be removed as required to facilitate inspection requirements.

1-15.1 This TM checklist may contain inspection requirements applicable to specific equipment not installed on your aircraft. Those requirements should be disregarded

1-16. Deleted.

1-17. REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS.

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual direct to: Commander, U.S. Army Aviation and Missile Command (AMCOM), ATTN: AMSAM-MMC-LS-LP, Redstone Arsenal, AL 35898-5230. You may also submit your recommended changes by E-mail directly to ls-lp@redstone.army.mil, or by fax at 256-842-6546 or DSN 788-6546. A reply will be furnished directly to you.

Instructions for sending an electronic 2028 may be found at the back of this manual immediately preceding the hardcopy DA Forms 2028.

TM 55-1520-210-PM

AREA NO.	AREA TITLE
1	Aircraft Exterior
2	Nose Area
3	Forward Radio/Battery Compartment
4	Cockpit Interior
5	Cabin Interior
6	Under Floor Cockpit/Cabin
7	Lower Pylon Area (Via Cabin Interior)
8	Upper Pylon Area (Via Cabin Roof)
9	Main Rotor and Mast Area
10	Engine Air Induction Area
11	Engine Compartment
12	Cabin Roof
13	Cabin Sides, Bottom and Landing Gear
14	Under Cabin Pylon Area (Hell Hole)
15	Mid Fuselage Under Engine Deck
16	Electronic Comm. Compartments
17	Engine Area Exterior
18	Tailboom Interior
19	Tail Rotor Drive Train Area
20	Tail Rotor and Gearbox Area
21	Oil Cooler Aft Battery Compartment
22	Heater Compartment

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Table 1-1. Signature Sheet (Sheet 1 of 3)

Signature of Person Accomplishing Necessary Work	Initial
Signature of Person Accomplishing Necessary Work	Initial
Signature of Person Accomplishing Necessary Work	Initial
Signature of Person Accomplishing Necessary Work	Initial
Signature of Person Accomplishing Necessary Work	Initial
Signature of Person Accomplishing Necessary Work	Initial
Signature of Maintenance Supervisor	Initial
Signature of Technical Inspector	Initial
Signature of Maintenance Officer	Initial

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Table 1-1. Signature Sheet (Sheet 2 of 3)

_____ Signature of Person Accomplishing Necessary Work	_____ Initial
_____ Signature of Person Accomplishing Necessary Work	_____ Initial
_____ Signature of Person Accomplishing Necessary Work	_____ Initial
_____ Signature of Person Accomplishing Necessary Work	_____ Initial
_____ Signature of Person Accomplishing Necessary Work	_____ Initial
_____ Signature of Person Accomplishing Necessary Work	_____ Initial
_____ Signature of Person Accomplishing Necessary Work	_____ Initial
_____ Signature of Maintenance Supervisor	_____ Initial
_____ Signature of Technical Inspector	_____ Initial
_____ Signature of Maintenance Officer	_____ Initial

TM 55-1520-210-PM

Table 1-1. Signature Sheet (Sheet 3 of 3)

_____ Signature of Person Accomplishing Necessary Work	_____ Initial
_____ Signature of Person Accomplishing Necessary Work	_____ Initial
_____ Signature of Person Accomplishing Necessary Work	_____ Initial
_____ Signature of Person Accomplishing Necessary Work	_____ Initial
_____ Signature of Person Accomplishing Necessary Work	_____ Initial
_____ Signature of Person Accomplishing Necessary Work	_____ Initial
_____ 	_____
_____ 	_____
_____ Signature of Maintenance Supervisor	_____ Initial
_____ Signature of Technical Inspector	_____ Initial
_____ Signature of Maintenance Officer	_____ Initial

TM 55-1520-210-PM

Table 1-2. Final Records Checklist

This checklist is provided to insure the indicated forms and records 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 (refer to DA PAM 738-751).

AIRCRAFT LOG BOOK	INITIAL	HISTORICAL RECORDS	INITIAL
DA FORM 2408		DA FORM 2408-5	
DA FORM 2408-12		Delete	
DA FORM 2408-13		DA FORM 2408-15	
DA FORM 2408-14		DA FORM 2408-16	
DA FORM 2408-18		DA FORM 2408-17	
TM 55-1520-210-PMD		DA FORM 2408-19	
TM 55-1520-242-MTF		DA FORM 2408-20	
LOCALLY REQUIRED FORMS		LOCALLY REQUIRED FORMS	

PRODUCTION CONTROL RECORDS	INITIAL	QUALITY CONTROL	INITIAL
FLOW CHART		TBO FILE	
STATUS BOARD		QA FILE	
WORK ORDER FILE		SERIAL NUMBER FILE	
MWO FILE		AOAP FILE	
Delete		INVENTORY RECORDS	
1352 REPORTS		WEIGHT AND BALANCE	
LOCAL RECORDS		MSG FILE	
		DA FORM 2410 SUBMITTED	
		LOCAL RECORDS	

1. AIRCRAFT SERIAL NUMBER				2. MODEL				3. DATE				4. PAGE					
PART I - FAULT INFORMATION								PART II - CORRECTING INFORMATION									
STATUS		SYS	DATE		NO.	TIME		PID		DATE		TIME		HRS			
ROUNDS		ACTION CODE		WUC		ACTION											
FAULT/REMARKS								ACTION									
A/C HRS		WHEN DISC		HOW REC		MAL EFF		WUC		CMH		OMH		FMH		DMH	
W.O.		REQ		OTHER		TIPID		TI MAN-HOURS		DATE		TIME		HRS			
STATUS		SYS	DATE		NO.	TIME		PID		ROUNDS		ACTION CODE		WUC			
FAULT/REMARKS								ACTION									
A/C HRS		WHEN DISC		HOW REC		MAL EFF		WUC		CMH		OMH		FMH		DMH	
W.O.		REQ		OTHER		TIPID		TI MAN-HOURS		DATE		TIME		HRS			
STATUS		SYS	DATE		NO.	TIME		PID		ROUNDS		ACTION CODE		WUC			
FAULT/REMARKS								ACTION									
A/C HRS		WHEN DISC		HOW REC		MAL EFF		WUC		CMH		OMH		FMH		DMH	
W.O.		REQ		OTHER		TIPID		TI MAN-HOURS		DATE		TIME		HRS			
STATUS		SYS	DATE		NO.	TIME		PID		ROUNDS		ACTION CODE		WUC			
FAULT/REMARKS								ACTION									
A/C HRS		WHEN DISC		HOW REC		MAL EFF		WUC		CMH		OMH		FMH		DMH	
W.O.		REQ		OTHER		TIPID		TI MAN-HOURS		DATE		TIME		HRS			
STATUS		SYS	DATE		NO.	TIME		PID		ROUNDS		ACTION CODE		WUC			
FAULT/REMARKS								ACTION									

DA FORM 2408-13-1, OCT 91

AIRCRAFT INSPECTION AND MAINTENANCE RECORD
For use of this form, see DA PAM 738-751; the proponent agency is DCSLOG

Figure 1-1. DA Form 2408-13-1

DATE _____

Page _____

[illegible]

DA FORM 2408-13-2, NOV 91

RELATED MAINTENANCE ACTIONS RECORD

For use of this form, see DA PAM 738-751; the proponent agency is DCSLOG

Figure 1-1.1. DA Form 2408-13-2

1-10.1/(1-10.2 blank) C18

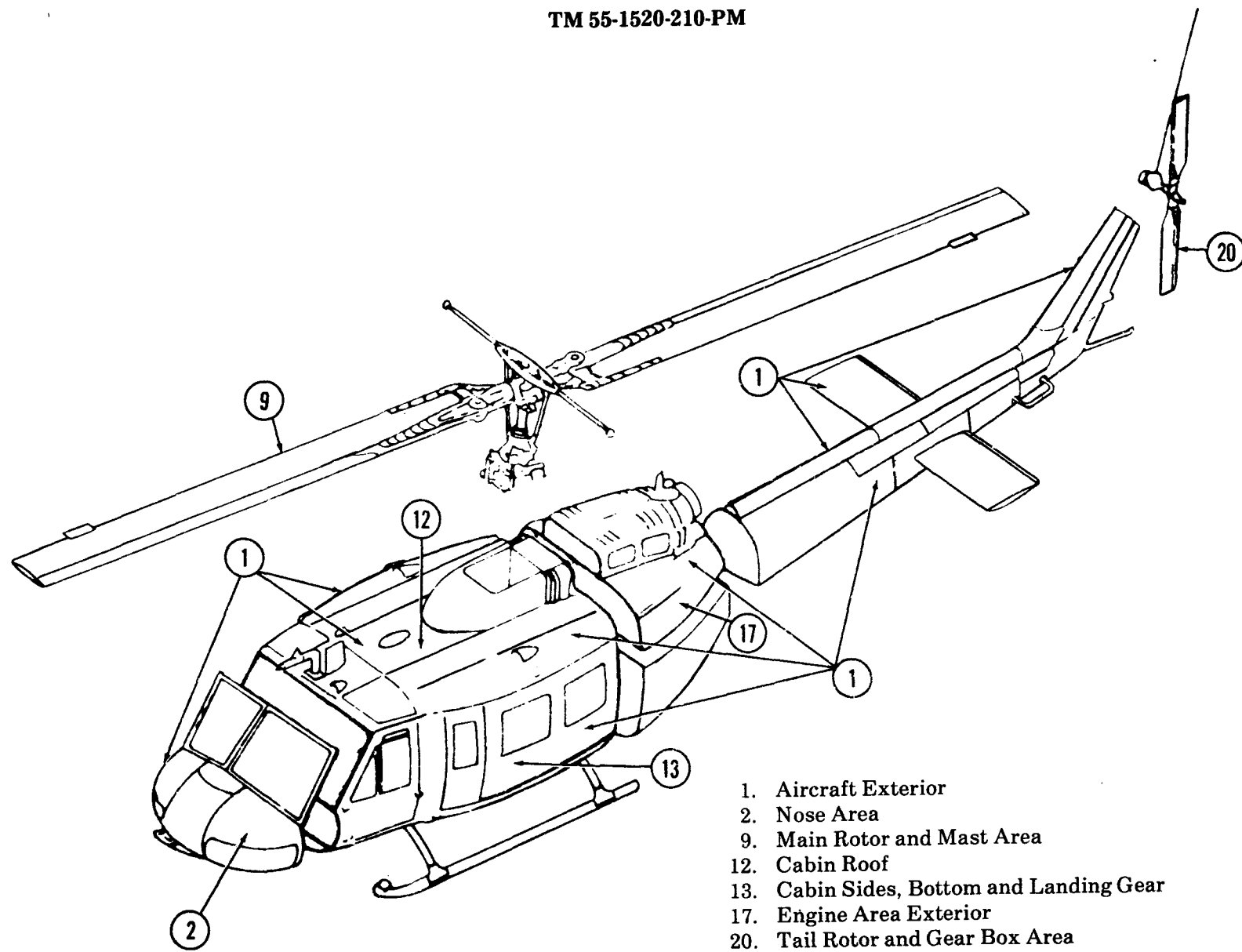
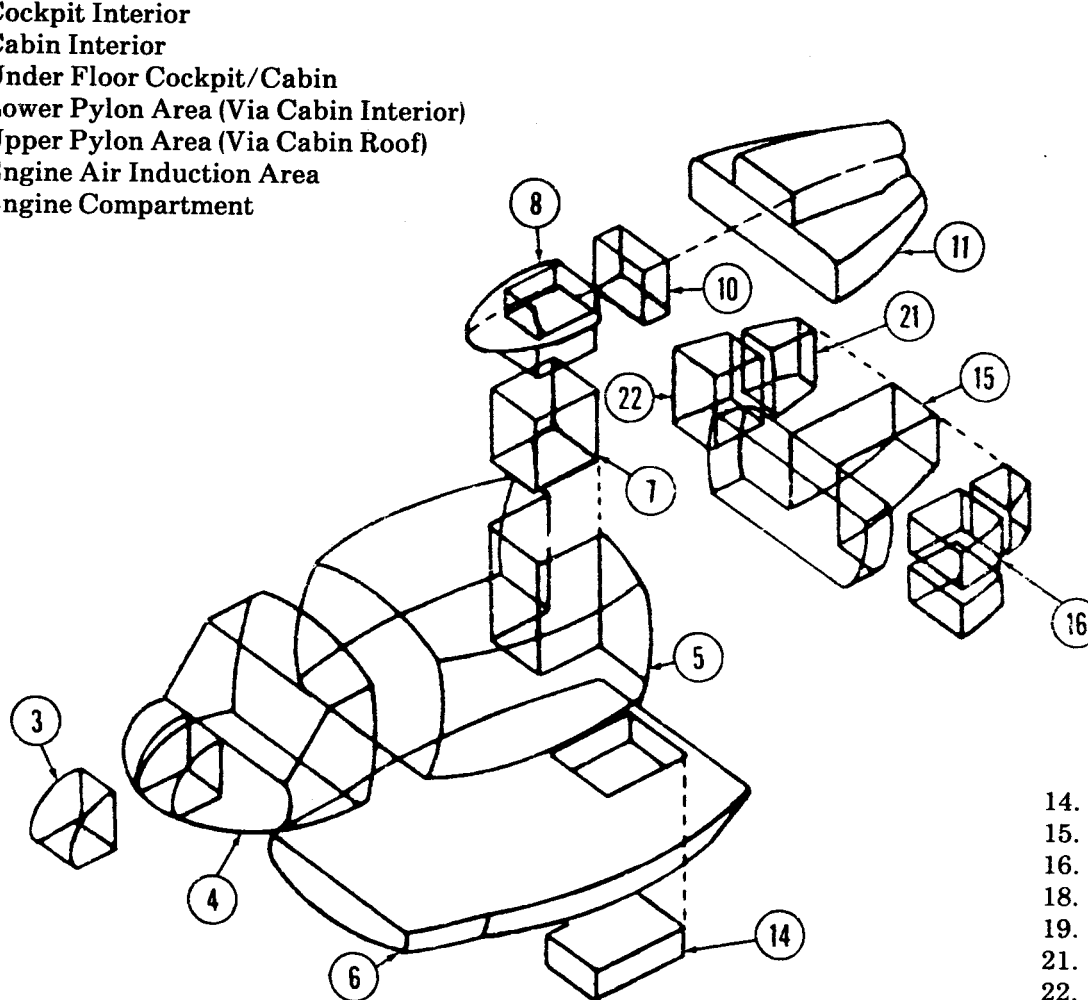


Figure 1-2. Exterior Inspection Areas

- 3. Forward Radio/Battery Compartment
- 4. Cockpit Interior
- 5. Cabin Interior
- 6. Under Floor Cockpit/Cabin
- 7. Lower Pylon Area (Via Cabin Interior)
- 8. Upper Pylon Area (Via Cabin Roof)
- 10. Engine Air Induction Area
- 11. Engine Compartment



- 14. Under Cabin Pylon Area (Hell Hole)
- 15. Mid Fuselage Under Engine Deck
- 16. Electronic Comm. Compartments
- 18. Tailboom Interior
- 19. Tail Rotor Drive Train Area
- 21. Oil Cooler Aft Battery Compartment
- 22. Heater Compartment

Figure 1-3. Interior Inspection Areas

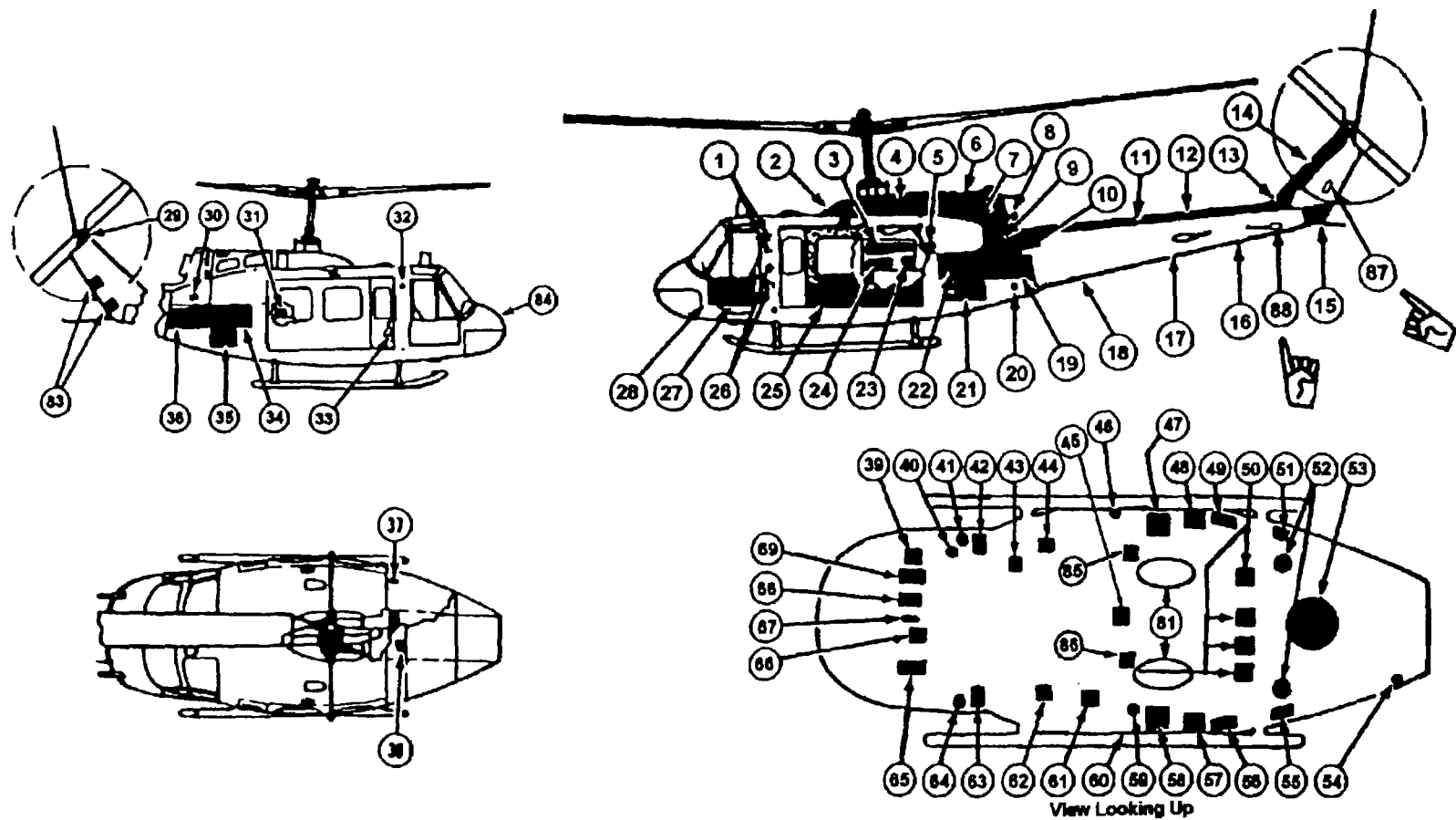
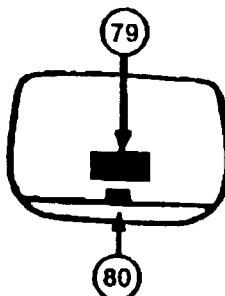
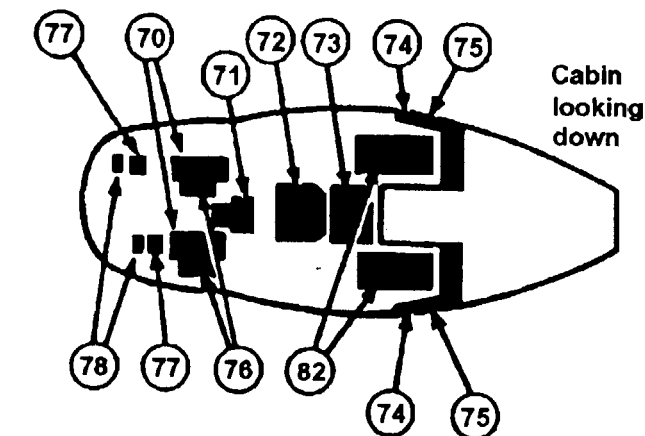


Figure 1-4. Model UH-1H/V and EH-1H/X Access and Inspection Provisions (Sheet 1 of 2)



- 1 Stowage Access Door
- 2 Transmission Faking
- 3 Pylon Access Door
- 4 Inlet Screens
- 5 Fire Extinguishing Access Door
- 6 Upper Engine Cowl
- 7 Lower Engine Cowl
- 8 Tailpipe Fairing (Upper)
- 9 Driveshaft and Electrical Disconnect Access Door
- 10 Tailpipe Faking (Lower)
- 11 Forward Tail Rotor Shaft Access
- 12 Aft Tail Rotor Shaft Access
- 13 Intermediate (42°) Gearbox Access
- 14 Vertical Fin Driveshaft Access
- 15 Vertical Fin Fairing
- 16 General Access
- 17 Flight Controls Access Door
- 18 Flight Controls Access Door
- 19 Electrical Controls Access Door
- 20 External Power Access Door
- 21 Electronic Equipment Access Door
- 22 General Access Door
- 23 Fuel Shutoff Valve Access
- 24 Lower Pylon Access Door
- 25 Cargo Door

- 26 Emergency Door Release Cover
- 27 Palate
- 28 Lower Window Access Door
- 29 Crew Door
- 30 Tail Rotor Chain Access Cover
- 31 Driveshaft Access Door
- 32 General Access Door
- 33 General Stowage Access Door
- 34 General Access Cover Plate
- 35 Cargo Hook Mirror Access Door
- 36 General Access Door
- 37 General Access Door
- 38 Engine Oil Tank Access Door
- 40 Fuel Cell Access Door
- 41 Flight Controls Access Door
- 42 Flight Controls Access Door
- 43 Flight Controls Access Door
- 44 General Access Door
- 45 Fuel Lines Access Door
- 46 External Stores Jettison Cable
- 47 External Stores Disconnect Access Door
- 48 Fuel Lines Access Door
- 49 Ammunition Chute Access Door

- 50 Fuel Lines Access Doors (4 ea)
- 51 Cabin Heater Duct Access Door
- 52 Fuel Lines Access Door
- 53 General Access Door
- 54 General Access Door
- 55 Cabin Heater Duct Access Door
- 56 Ammunition Chute Access Door
- 57 Fuel Lines Access Door
- 58 External Stores Disconnect Access Door
- 59 Fuel Lines Access Door
- 60 External Stores Jettison Cable Access Door
- 61 General Access Door
- 62 Cabin Heater Duct Access Door
- 63 Cabin Heater Duct Access Door
- 64 Flight Controls Access Door
- 65 Flight Controls Access Door
- 66 Flight Controls Access Door
- 67 Antenna Access Cover
- 68 General Access Door
- 69 Flight Controls Access Door
- 70 Controls Access Door
- 71 Controls Access Door
- 72 General Access Door
- 73 General Access Door
- 74 Auxiliary Fuel Tank Fittings Cover Plate
- 75 Gun Chute Tunnel Cover Plate
- 76 Dual Collective Stick Cover
- 77 Dual Cyclic Stick Access
- 78 Cyclic Stick Electrical Access Door
- 79 Hydraulic Controls Access Door
- 80 Armament Provisions Access Cove
- 81 Fuel Pump Access Panel
- 82 Fuel Cell Access Doors
- 83 Tail Boom Access Doors
- 84 Battery Access Door
- 85 Fuel Lines Access Door
- 86 Fuel Lines Access Door
- 87 Vertical Fin Access Cover R/S
- 88 Tail Boom Access over

Figure 14. Model UH-1H/V and UH-1H/X Access and Inspection Provisions (Sheet 2 of 2)

UH-1 C, H, M, V & EH-1H/x	
PURPOSE OF MTF	FAT
PILOT	UNIT
SYMBOLS ✓ = SATISFACTORY X = DEFICIENCY	
Prior to Test Flight	2. Power Check
1. Forms and Records	3. Control Responses Checks
2. Flight Readiness Insp.	4. Pylon Mounts Checks
3. Weight and Balance	5. Engine Response
4. Engine Baseline Data	6. Power Cylinder
TO _____ NI _____ EGT _____	7. Low RPM Hover
Starting Engine	8. Hover in Emergency
1. Press to Test Lights	9. Torque Meter _____ PSI
2. Fire Warning Light	LEVEL OFF CHECKS
3. Caution Panel Lights	1. Eng Oil Press _____ Temp _____
4. Throttle System Cushion	2. XMSN Oil Press _____ Temp _____
OPEN _____ CLOSED _____	3. EGT _____ °C
ENGINE RUNUP	4. Airspeed Indicators
1. Engine Idle _____ % NI	INFLIGHT CHECK
2. Emerg Gov Switch	1. Control Rigging
3. Hydraulic System	2. Autorotation RPM
4. Fuel Boost Pumps	3. Hydraulics Off
Right _____ PSI Left _____ PSI	4. TEAC: PA _____
5. Bleed Band Operation	FAT _____ TQ _____
OPEN _____ CLOSE _____ % NI FAT _____	NI _____ EGT _____
6. Variable Inlet Guide Vanes	5. Stabilizer Bar
BEGIN TO OPEN _____ % NI FAT _____	6. Vibration Analysis
7. Fuel Quantity Gage	7. Cyclic Rigging
8. Pitot Heater	8. Fuel Consumption Initiate
9. Spare Inverter	TIME _____ FUEL _____
AB _____ AC _____ BC _____	9. Instruments
10. Main GEN _____ VDC	Altimeters _____ Att. Ind. _____
11. STBY GEN _____ VDC	VSI _____ Stby Comp _____
12. Main Inverter	RMI _____ Clock _____
AB _____ AC _____ BC _____	Turn & Slip
13. Bleed Air Heater	10. Comm/NAV Radios
14. Deice Operation	UHF _____ VHF _____ FM1 _____ FM2 _____
15. Low RPM Warning	VOR _____ ADF _____ LOC/GS _____
Off _____ On _____	MB _____ XPONDER _____
16. GOV INCR/DECR	MODE C
Full Incr _____ DECR _____	11. Fuel Consump. Complete
Travel Time _____ SEC	Time _____ Fuel _____
17. High RPM Warning	AFTER LANDING/ENGINE SHUTDOWN
OFF _____ ON _____	1. EGT _____
18. Force Trim System	2. Eng Oil Press _____ Temp _____
19. Collective Friction	3. XMSN Oil Press _____ Temp _____
UP _____ DOWN _____	4. Eng Idle _____ % NI _____
20. Eng Oil Press _____ Temp _____	5. Battery
21. XMSN Oil Press _____ Temp _____	6. Eng Oil Press Lite
22. Fuel Press _____ PSI	7. XMSN Oil Press Lite
23. Torque Press _____ PSI	8. NI Coastdown Time _____ Sec
24. EGT _____ °C	9. Emerg. Collective Accum.
25. Altimeters _____ P _____ CP	10. Post Flight
BEFORE TAKEOFF	11. Forms & Records Complete
1. HIT Check	SPECIAL REQUIREMENT (LIST)
HOVER CHECK	1.
1. Takeoff to hover	2.

Figure 1-5. Suggested Format of Maintenance Test Flight Check Sheet.

ROTOR SMOOTHING RECORD

RED BLADE SERIAL NUMBER					WHITE BLADE SERIAL NUMBER				
ADJUSTMENT NUMBER	TAB	ROLL	BALANCE	EFFECT	ADJUSTMENT NUMBER	TAB	ROLL	BALANCE	EFFECT
1					1				
2					2				
3					3				
4					4				
5					5				
REMARKS									
<div style="text-align: right;"> _____ PILOTS SIGNATURE </div>									

Figure 1-6. Suggested Format of Rotor Smoothing Record

TM 55-1520-210-PM

SECTION II - INSPECTION CHECKLIST

NOTE

PRIOR TO START OF THE PHASED 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.

TM 55-1520-210-PM

PHASE NO. _____		Area Name and No.		Aircraft Serial No.		Date	
Inspect Phase No's	Inspection Requirement	Status	Faults and/or Remarks	Action Taken		Initial	
ALL	1. Prior to inspection, check aircraft forms and records for deficiencies (use Table 1-2 for reference to aircraft forms and records).						
ALL	2. Clean engine in accordance with TM 55-2840-229-23						
ALL	3. Clean aircraft in accordance with latest issue of the aircraft AVUM AVIM maintenance manuals.						
	4. Deleted						
ALL	4.1 Aircraft with ODDS check all electrical chip detectors for metal accumulation, clean, perform functional check and reinstall.						
ALL	4.2 Inspect the three mounting grooves of chip detector probe for wear at the detent of the 90 and 42 degree gear box chip detectors and the three pins located in the chip detector valve for looseness.						
ALL	4.3. Inspect ODDS chip detector (Blade Type) for wear on blade or chip detector valve.						
ALL	5. Aircraft without ODDS, check all electrical chip detectors (except engine) for metal accumulation, clean, perform functional check and reinstall. Refer to TM 55-2840-229-23 for engine chip detector check.						

"FOD REMINDER"

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

TM 55-1520-210-PM

Phase No. _____		Area Name and No. GENERAL (CONT)		Aircraft Serial No.		Date	
Inspect Phase No.	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
3,6	6. Defuel aircraft in accordance with TM 55-1520-210-23 prior to removal of floor panels.						
1,2, 4,5	7. Fuel tanks shall be fully serviced prior to start of phased inspections. If maintenance is to be accomplished which required defueling, this item may be deferred until after such maintenance is completed.						
ALL C	8. Perform avionics inspections, check and test electrical equipment as required in applicable avionics publications. Any faults discovered during the inspections shall be entered on DA Form 2408-13-1/2408-13-1-E.						
ALL	9. Perform armament system inspection checks and test as required in applicable armament publications. Any faults discovered during the inspections shall be entered on DA Form 2408-13-1/2408-13-1-E.						
ALL C	10. Perform engine exhaust gas temperature functional test in accordance with applicable manuals. Any faults discovered during the inspections shall be entered on DA Form 2408-13-1/2408-13-1-E.						

"FOD REMINDER"

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

TM 55-1520-210-PM

PHASE NO. _____		Area Name and No. AIRCRAFT EXTERIOR - 1		Aircraft Serial No.		Date	
Inspect Phase No's	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
	<p align="center">NOTE</p> <p><i>This page intentionally left blank.</i></p>						

"FOD REMINDER"

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

2-5/(2-6 blank)

TM 55-1520-210-PM[illegible]

"FOD REMINDER"

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

2-7/(2-8 blank) C 12

TM 55-1520-210-PM

Phase No. _____		Area Name and No. FORWARD RADIO/BATTERY COMPARTMENT - 3		Aircraft Serial No.		Date	
Inspect Phase No.	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
ALL	1. Electrical wiring in nose compartment and behind instrument panel for chafing, deterioration of insulation and connector seals, and security of connections.						
ALL	2. Electrical equipment shock mounts for deterioration, free throw, bottoming and security. Grounding straps or bands for damage and security of connections.						
ALL	3. Heat/defog ducts and valve for damage and security.						
ALL	4. Lines and hoses behind instrument panel for loose connections and chafing.						

"FOD REMINDER"

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

TM 55-1520-210-PM

PHASE NO. _____		Area Name and No. COCKPIT INTERIOR - 4		Aircraft Serial No.		Date	
Inspect Phase No's	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
ALL	1. Crew door jettison mechanism functionally check with doors closed. Hinge pins for wear, corrosion and distortion.						
ALL	2. Release cables for chafing, damage, security and adequate lubrication.						
ALL	3. Door jettison handles properly wired with copper safety wire.						
ALL	4. Seat adjustment mechanisms for wear, positive movement, locking and lubrication.						
3,6	5. Inspect seats for positive recline movement.						

"FOD REMINDER"

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

Phase No. _____		Area Name and No. COCKPIT INTERIOR — 4 (CONT)		Aircraft Serial No.		Date	
Inspect Phase No.	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
3,6	6. Cockpit structure for damage, cracks and corrosion (plates, panels and doors opened for access). (Access panels 70, 71, and 76, Fig 1-4).						
ALL	7. Electrical wiring for chafing, deterioration and security (pedestal console).						
ALL	8. Check circuit breakers, switches and knobs for security and proper operation.						

"FOD REMINDER"

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

TM 55-1520-210-PM

PHASE NO. _____		Area Name and No. CABIN INTERIOR - 5		Aircraft Serial No.		Date	
Inspect Phase No's	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
3,6	1. Cabin floor panels for cracks, dents, delamination and security. Check that aircraft has been defueled (TM 55-1520-210-23-1) prior to removal of floor panels over the fuel cells and inspect for corrosion. (All floor Access Panels, Fig 1-4.)						
3,6	2. Cabin structure for damage, cracks and corrosion (soundproofing removed and plates, panels, and doors opened for access). (All Access Panels, Fig 1-4).						
3,6	3. Cargo door window jettison mechanisms functionally checked.						
ALL	4. Inspect cargo door retainers for cracks, worn or bent.						

"FOD REMINDER"

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

2-13/(2-14 blank)

C10

TM 55-1520-210-PM

PHASE NO. _____		Area Name and No. UNDER FLOOR OF COCKPIT/CABIN - 6		Aircraft Serial No.		Date	
Inspect Phase No's	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
ALL	1. Fuselage structure for damage, cracks and corrosion (floor panels removed for access). (Access Panels 72 and 73, Fig 1-4.)						
ALL	2. Area under floor for evidence of moisture accumulation. Drain holes for clogged condition. (Access Panels 72 and 73, Fig 1-4.)						
3,6 C	3. Collective friction liners for wear. (Access Panel 76, Fig 1-4.)						
ALL C	4. Flight control linkages, including pushpull tubes, links, bellcranks, idlers, levers, arms, jackshafts, force gradients, etc., for corrosion, damage and security. (Access Panels 70, 71, 72 and 73, Fig 1-4.)						
ALL C	5. Bearings, bushings and rod end in flight control linkages for excessive play and security. (Access Panels 70, 71, 72 and 73, Fig 1-4.)						

"FOD REMINDER"

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

TM 55-1520-210-PM

PHASE NO. _____		Area Name and No. UNDER FLOOR OF COCKPIT/CABIN - 6 (CONT)		Aircraft Serial No.		Date	
Inspect Phase No's	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
ALL C	6. Power control linkage for damage, wear, security and lubrication. (Access Panels 70, 71, 72 and 76, Fig 1-4.)						
ALL	7. Electrical wiring for chafing, deterioration and security. (Access Panels 71, 72 and 73, Fig 1-4.)						
3,6	8. Heater ducts for security and damage. (Access Panel 72, Fig 1-4.)						

"FOD REMINDER"

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

TM 55-1520-210-PM

PHASE NO. _____		Area Name and No. LOWER PYLON AREA (VIA CABIN INTERIOR) - 7		Aircraft Serial No.		Date	
Inspect Phase No's	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
ALL	1. Transmission mount boots for cuts, tears and deterioration. (Access Panels 3, 23 and 24, Fig 1-4).						
2,4,6 C	2. inspect resilient pylon mounts (5 each) for deterioration, cleanliness and security. (Access Panels 3, 23 and 24, Fig 1-4.)						
ALL	3. Friction dampers (2 each) for damage and security. (Access Panels, 23 and 24, Fig 1-4.)						
ALL	4. Pylon mount structural supports (4 places) and fifth mount support fitting (1 each) visually for cracks and corrosion. (Access Panels 23 and 24, Fig 1-4.)						
ALL	5. Lift link for corrosion, damage and security. (Access Panel 24, Fig 1-4.)						

"FOD REMINDER"

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

TM 55-1520-210-PM

PHASE NO. _____		Area Name and No. LOWER PLYON AREA (VIA CABIN INTERIOR) – 7 (CONT)		Aircraft Serial No.		Date	
Inspect Phase No's	Inspection Requirements	Status	Faults and/or Remarks	Action Taken		Initial	
2,4,6 C	6. Inspect Lift Link Bearings. Inspect transmission clevis lugs (both right and left through access panels 24, Fig 1–4) for wear and cracks on the outboard side of the left transmission clevis lug. Check for proper gap between washer on left link attaching bolt and bushing sleeve.						
ALL C	7. Lift beam visually for cracks. (Access Panels 24 and 79, Fig 1–4 and Hell Hole.)						
ALL C	8. Power turbine governor controls for damage, wear and security. (Access Panels 23 and 24, Fig 1–4.)						
3,6 C	9. Hydraulic filter element (either paper or metal) replaced. (Access Panel 79, Fig 1–4.)						
ALL	10. Electrical wiring for chafing, deterioration of insulation and connector seals and security of connections (Hell Hole).						

"FOD REMINDER"

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

Phase No. _____		Area Name and No. LOWER PYLON AREA (VIA CABIN INTERIOR) — 7 (CONT)		Aircraft Serial No.		Date	
Inspect Phase No.	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
6	11. Remove and replace droop compensator shear pin. (Access panel 24, Fig 1-4).						
ALL C	12. All fuel supply lines for chafing, damage and leaks. Self-sealing lines for activation (e.g., swelling, blistered areas that appear to be soaked with fuel or have fuel between fabric plies). (Access panel 23, Fig 1-4).						

"FOD REMINDER"

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

Phase No. _____		Area Name and No. UPPER PYLON (VIA CABIN ROOF) — 8		Aircraft Serial No.		Date	
Inspect Phase No.	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
ALL	1. Hydraulic reservoir, filler cap and strainer for condition. (Access panel 2, Fig 1-4).						
ALL C	2. Generator/alternator drive quill magnetic plug removed and visually checked for contaminants. Check vent on generator quill case for clogging. (Access panels 2 and 3, Fig 1-4).						
ALL	3. Generator/alternator electrical connections for security. (Access panel 2, Fig 1-4).						
1,3,5	4. Generator.						
ALL	5. Alternator.						

"FOD REMINDER"

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

Phase No. _____		Area Name and No. UPPER PYLON (VIA CABIN ROOF) — 8 (CONT)		Aircraft Serial No.		Date	
Inspect Phase No.	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
ALL C	6. Perform spring scale check on collective and cyclic hydraulic actuator support mount bearings P/N 204-076-168-1 (not required on cylinder assembly P/N 205-076-099).						
ALL	7. Transmission housings, fittings, and oil manifold for chafing damage and leaks. Check vent on top of transmission case for clogging. (Access panel 2, Fig 1-4).						
ALL C	8. Visually inspect the Kamatics Main Drive Shaft.						
6	9. Deleted.						

"FOD REMINDER"

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

TM 55-1520-210-PM

PHASE NO. _____		Area Name and No.		Aircraft Serial No.	Date
		MAIN ROTOR AND MAST AREA -- 9			
Inspect Phase No.'s	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
ALL C	1. Break torque on stabilizer bar support mount bolts (1 each) and torque to specifications.				
ALL C	2. Check for excessive play in trunion bearings, collective lever bearings, and for excessive play between collective sleeve drive plate and mast.				
ALL C	3. Scissors and sleeve assembly for visible damage and security. Bearing and bushings for excessive play.				
ALL C	4. Disconnect scissors drive links from trunnions. Check condition of bolt shank. Check for excessive play between bolt shank and trunion bearing uniball bore. Check swashplate bearing for roughness, binding and vertical play.				
ALL C	5. Hub spring assembly for security, condition, deformation, and cracks in rubber bumpers.				

"FOD REMINDER"

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

Phase No. _____		Area Name and No. MAIN ROTOR AND MAST AREA — 9		Aircraft Serial No.		Date	
Inspect Phase No.	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
ALL C	6. Visually inspect composite main rotor blades for evidence of debonding of the leading edge abrasion strip, trim tab, and taco patch. Inspect tie down plate and aft root weights for security. Inspect leading and trailing edge for dents and nicks.						
ALL C	7. Inspect metal main rotor blades.						
4	8. Remove tip cap, check stud retention nuts for looseness. Check studs for looseness or distortion.						

"FOD REMINDER"

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

TM 55-1520-210-PM

PHASE NO. _____		Area Name and No. ENGINE AIR INDUCTION AREA - 10		Aircraft Serial No.		Date	
Inspect Phase No's	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
ALL C	1. Air induction baffle assembly for chafing, cracks, dents loose or missing fasteners and security. (Access Panel 4, Fig 1-4.)						
ALL C	2. Particle separator disassembled and inspected for clogging and damage. Gaskets and seals for cuts deterioration and separation from backing plates. (Access Panel 4, Fig 1-4).						
ALL C	3. Air cleaner (self-purging particle separator) removed, cleaned and inspected for damage. (Access Panel 4, Fig 1-4.)						
3,6	4. Electrical wiring for chafing deterioration of insulation and connector seals, and security of connections. (Access Panel 4, Fig 1-4.)						

"FOD REMINDER"

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

PHASE NO. _____		Area Name and No. ENGINE AIR INDUCTION AREA - 10 (CONT)		Aircraft Serial No.		Date	
Inspect Phase No's	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
	<p align="center">CAUTION</p> <p>To perform the next inspection requirement, the engine variable inlet guide vanes must be positioned to the full open position. To preclude damage/distortion to VIGV components, release torques on "B" nuts to CYL 1 and CYL 2 lines at actuator.</p>						
ALL C	5. Engine air inlet housing, variable inlet guide vanes and first stage compressor blades for foreign object damage, erosion, dirt varnish deposits and oil streaks. (Access Panel 4, Fig 1-4).						
ALL C	6. Top air filter for visible damage, cleanness, condition and security of seals around edges. (Access Panel 4, Fig 1-4.)						
ALL C	7. Right air filter for visible damage cleanness, condition and security of seals around edges. (Access Panel 4, Fig 1-4.)						

"FOD REMINDER"

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

Phase No. _____		Area Name and No. ENGINE AIR INDUCTION AREA - 10 (CONT)		Aircraft Serial No.		Date	
Inspect Phase No.	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
ALL C	8. Left air filter for visible damage, cleanness, condition and security of seals around edges (Access Panel 4, Fig. 1-4).						
ALL C	9. IMPROVED PARTICLE SEPARATOR						

“FOD REMINDER”

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

Phase No. _____		Area Name and No. ENGINE COMPARTMENT — 11		Aircraft Serial No.		Date	
Inspect Phase No.	Inspection Requirements	Status	Faults and/or Remarks	Action Taken		Initial	
ALL C	1. Engine airbleed actuator strainer for condition and cleanliness. Bleed band assembly for bends, cracks and security. (Access panels 6 and 7, Fig 1-4).						
1,3,5	2. Starter-generator.						
ALL C	3. Fuel control inlet strainer inspect and clean. (Access panel 7, Fig 1-4).						
ALL C	4. Inspect and clean fuel control servo strainer and replace filter. (Access panel 7, fig 1-4).						
	5. Deleted						

"FOD REMINDER"

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

PHASE NO. _____		Area Name and No. ENGINE COMPARTMENT - 11 (CONT)		Aircraft Serial No. _____		Date _____	
Inspect Phase No's	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
ALL C	6. Fuel system lines and hoses for chafing, leaks and security. Braided hoses for frayed or broken wires. (Access Panel 6 and 7, Fig 1-4.)						
ALL C	7. Main fuel filter micronc paper element inspected and replaced. Clean if metal screen type. (Access Panel 7, Fig 1-4.)						
ALL C	8. Quick disconnect and breakaway type valve (1 each) outlet of main fuel strainer (crashworthy only) for leakage, security and cracks in breakable (necked) section and play in breakaway pins in outer sleeve staked area. (Access Panel 7, Fig 1-4.)						
ALL C	9. Breakaway type valve (1 each) on inlet of main fuel strainer (crashworthy only) for security, leakage and cracks in breakable (necked) section and play in breakaway pins in outer sleeve staked area. (Access Panel 7, Fig 1-4.)						
ALL C	10. Breakaway type valve (1 each) on engine oil tank inlet from engine breather hose (crashworthy only) for security, leakage and cracks in breakable (necked) section and play in breakaway pins in outer sleeve staked area. (Access Panel 7, Fig 1-4.)						

"FOB REMINDER"

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

Phase No. _____		Area Name and No. ENGINE COMPARTMENT — 11 (CONT)		Aircraft Serial No.		Date	
Inspect Phase No.	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
ALL C	10.A. Self-sealing oil system component hoses for activation (e.g., swelling, blistering, areas that appear to be soaked with oil).						
ALL C	11. Engine Oil Filter Inspect (TM 55-2840-229-23).						
ALL C	12. Breakaway type valve (1 each) at union of scavenge pump outlet hose and thermal bypass input line (crashworthy only) at engine deck for security, leakage, and cracks in breakable (necked) section and play in breakaway pins in outer sleeve area. (Access panels 7 and 53, Fig 1-4).						
ALL C	13. Breakaway type valve (1 each) on engine oil tank outlet to engine (crashworthy only) for leakage, security, and cracks in breakable (necked) section and play in breakaway pins in outer sleeve staked area.						
2,4,6	14. Engine mount rod ends for maximum allowable axial and radial play (Access Panel 7, Fig 1-4).						

"FOD REMINDER"

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

PHASE NO. _____		Area Name and No. ENGINE COMPARTMENT -11 (Cont)		Aircraft Serial No.	Date
Inspect Phase No's	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
2,4,6,	15. Engine mount pillow block assemblies for wear and damage. Trunnion caps for damage and security. Trunnion bearings for wear and excessive axial and radial play (Access Panels 6 and 7, Fig. 1-4).				
2,4,6,	16. Engine work platform decks for bonding separation, cracks, punctures and corrosion (Access Panels 7 and 10, 19 and 22, Fig. 1-4).				
ALL	17. Inspect mono, biped, and tripod engine deck mounting pads and attaching hardware for; looseness and security. If looseness is evident, check bolts and holes for damage.				
ALL	18. Engine deck drain holes and channels for obstruction.				
ALL	18.1 Inspect Break-Away Coupling (90-degree and straight halves) at the ODDS Lubriclone Filter. Check wear on the Break-Away Pins.				

"FOD REMINDER"

Check work area for _____ and parts after completion on maintenance and inspection.

Phase No. _____		Area Name and No. ENGINE COMPARTMENT — 11 (CONT)		Aircraft Serial No.		Date	
Inspect Phase No.	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
ALL	19. Power turbine governor control tube, levers, rod ends and attach points for wear, security, and corrosion.						
ALL	20. Droop compensator for proper attachment, lube, and corrosion.						
ALL	21. Linear actuator for security, electrical connections, wear and proper operation.						

"FOD REMINDER"

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

Phase No. _____		Area Name and No. CABIN ROOF — 12		Aircraft Serial No.		Date	
Inspect Phase No.	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
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“FOD REMINDER”

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

Phase No. _____		Area Name and No. CABIN EXT SIDES, BOTTOM & LANDING GEAR – 13		Aircraft Serial No.		Date	
Inspect Phase No.	Inspection Requirements	status	Faults and/or Remarks	Action Taken	Initial		
ALL	1. Self-sealing fuel system component lines and hoses for activation (e.g. swelling”, blistering and areas that appear to be soaked with fuel or have fuel between fabric plies). (Access panel 50. Fig 1-4).						
ALL	2. Breakaway type valves (4 each) located at bottom of aft fuel cells, for chafing and cracks in breakable (necked) section and play in breakaway pins in outer staked area. (Applies only to helicopter equipped with crashworthy fuel system). (Access panels 48, 50, 52, 53, 55 and 57, Fig 1-4).						
ALL	3. Breakaway type valves on aft end of right and left hand forward fuel cells (crashworthy only) for leakage and cracks in breakable (necked) section and for play in breakaway pins in outer staked area. (Access panels 48, 50, 52, 53, 55 and 57, Fig 1-4).						
ALL	4. Fuel lines and fittings of forward end of left and right hand forward fuel cells for leaks and chafing. (Access panels 85 and 86, Fig 1-4).						

“FOD REMINDER”

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

TM 55-1520-210-PM

PHASE NO. _____		Area Name and No. CABIN EXT SIDES, BOTTOM, & LANDING GEAR - 13 (CONT)		Aircraft Serial No.	Date
Inspect Phase No's	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial
3,6	5. Landing gear crosstubes for excessive spread. (Check measurements).				
ALL C	6. Fuel boost pumps (electrical and air drive) visually for leaks, damage and security. (access panel 81, Fig 1-4)				
ALL C	7. Retention cap assemblies and bearing Support fittings at crosstube to fuselage, attach points for deterioration, wear and security.				
3,6	8. External stores support assembly beams when installed, for fatigue cracks within 6 inches of upper fuselage attach points. Use non-destructive (TM 55-1500-335-23 method).				
ALL C	9. Landing gear skid shoes for wear, damage and security.				
ALL C	10. Landing gear skid tubes (skid shoes removed), saddles, steps, tow rings, end caps and ground handling wheel attach lugs for cracks, damage and security.				

"FOD REMINDER"

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

PHASE NO. _____		Area Name and No. UNDER CABIN PYLON (HELL HOLE)-14		Aircraft Serial No.		Date	
Inspect Phase No's	Inspection Requirements	Status	Faults and/or Remarks	Action Taken		Initial	
ALL C	1. Fuel system components and associated lines and hoses for chafing, damage, leaks and security. (Access panels 48, 50, 52, 57 and 59, Fig. 1-4.)						
ALL C	2. Self-sealing fuel system component lines and hoses for activation (e.g., swelling, blistering, areas that appear to be soaked with fuel or have fuel between fabric plies). (Hell Hole)						
ALL C	3. Fuel supply and particle separator discharge lines and highest protruding attaching hardware in the area of transmission sump and tail rotor shaft for 0.5 inch clearance with sump. (Hell Hole)						
ALL C	4. Transmission oil lines and hoses for chafing, damage and leaks. Transmission oil line quick disconnects for excessive play.						
ALL C	5. Transmission lower housing and fittings for chafing, damage and leaks. (Hell Hole)						

“FOD REMINDER”

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

Phase No. _____		Area Name and No. UNDER CABIN PYLON (HELL HOLE) — 14 (CONT)		Aircraft Serial No.		Date	
Inspect Phase No.	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
	6. Deleted						
ALL C	7. Transmission external oil filter element replaced. (Hell Hole). (Aircraft Without ODDS).						
ALL C	7.1 Inspect transmission debris monitor, aircraft with ODDS.						
ALL C	8. Bearings, bushings and rod ends in flight control linkages for excessive play and security. (Hell Hole).						
ALL C	9. Flight control linkages including push-pull tubes, bellcranks, idlers, support assemblies, etc., for corrosion, damage and security. (Hell Hole).						
2.4.6 C	10. Throttle control linkage for damage, wear and security. (Hell Hole).						

"FOD REMINDER"

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

TM 55-1520-210-PM

PHASE NO. _____		Area Name and No. UNDER CABIN PYLON (HELL HOLE) - 14 (CONT)		Aircraft Serial No.		Date	
Inspect Phase No's	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
2,4,6	11. Electrical wiring for chafing deterioration of insulation and connector seals, and security of connections. (Hell Hole)						
2,4,6 C	12. Cargo suspension assembly for damage and security. (Hell Hole)						

"FOD REMINDER"

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

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TM 55-1520-210-PM

PHASE NO. _____		Area Name and No. MID-FUSELAGE UNDER ENG DECK - 15		Aircraft Serial No.		Date	
Inspect Phase No's	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
ALL	1. Fuselage structure behind cabin and below engine deck for damage, cracks and corrosion. (Access panel 53, Fig. 1-4).						
ALL C	2. Throttle control linkage for damage, wear and security. (Access panel 53, Fig. 1-4).						
ALL	3. Electrical wiring for chafing, deterioration of insulation and connector seals, and security of connections. (Access panel 53, Fig. 1-4).						
2,4,6 C	4. Engine idle solenoid for operation, freedom of plunger, corrosion and security. Check for proper clearance.						
ALL C	5. Bleed air lines for condition and security. (Access panel 53, Fig. 1-4).						

"FOOD REMINDER"

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

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

TM 55-1520-210-PM

PHASE NO. _____		Area Name and No. ELECTRONIC/COMM COMPARTMENT - 16		Aircraft Serial No.		Date	
Inspect Phase No's	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
3,6	1. Fuselage structure for damage, cracks and corrosion. (Access panels 19, 21 and 22, Fig. 1-4).						
	Deleted.						

"FOD REMINDER"

Check work area for tools and parts after completion of maintenance and inspection. 2-43/(2-44 blank) C 5

TM 55-1520-210-PM

PHASE NO. _____		Area Name and No. ENGINE AREA EXTERIOR - 17		Aircraft Serial No.		Date	
Inspect Phase No's	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
ALL	1. Engine exhaust tailpipe for cracks, dents, and burned or buckled areas. (Access panel 8, Fig.1-4).						
ALL	2. Heat exchanger for muff heater, remove and inspect for cracks. (Access panels 8 and 10, Figure 1-4).						

"FOD REMINDER"

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

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C10

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TM 55-1520-210-PM

PHASE NO. _____		Area Name and No. TAILBOOM INTERIOR - 18		Aircraft Serial No.		Date	
Inspect Phase No's	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
ALL C	1. Tailboom structure, including longerons for corrosion, cracks and damage. (Access panels 16, 17, 18 and 36, Fig.1-4).						
ALL C	2. Synchronized elevator supports (4 each) for corrosion and damage. (Access panel 17, Fig. 1-4).						
ALL C	3. Synchronized elevator control linkage for damage, binding, corrosion, and loose, missing or improperly installed hardware. (Access panels 17, 18 and 36, Fig.1-4).						

"FOD REMINDER"

Check work area for tools and parts after completion of maintenance and inspection. 2-46.1/(2-46.2 Blank) C14

TM 55-1520-210-PM

PHASE NO. _____		Area Name and No. TAILBOOM INTERIOR - 18 (CONT)		Aircraft Serial No.		Date	
Inspect Phase No's	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
ALL C	4. Synchronized elevator horn assembly for corrosion, damage and proper drag with elevators removed.						
ALL C	4.1. Synchronized elevators for cracks in closing (inboard) rib with elevators removed.						
ALL C	5. Bearings, bushings and rod ends in flight control linkages for excessive play and security. (Access panels 17, 18 and 36, Fig. 1-4).						

"FOD REMINDER"

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

TM 55-1520-210-PM

PHASE NO. _____		Area Name and No. TAILBOOM INTERIOR - 18 (CONT)		Aircraft Serial No.		Date	
Inspect Phase No's	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
ALL C	6. Flight control linkages including push-pull tubes, links, bellcranks, idlers, quadrant, etc. for corrosion, damage and security. (Access panels 17, 18 and 36, Fig.1-4).						
ALL C	7. Tail rotor control cables for chafing, broken wires and security. (Access panels 13, 14, 16, 17 and 18, Fig.1-4).						
ALL C	8. Tail rotor control cables for specified tension. (Access panel 17, Fig.1-4).						
ALL C	9. Control cable pulleys for wear and damage. (Access panel 16, Fig.1-4).						
ALL	10. Electrical wiring for chafing, deterioration and connector seals, and security of connections. (Access panels 14 thru 18, 36 and 83, Fig.1-4).						

"FOD REMINDER"

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

Phase No. _____		Area Name and No. TAIL ROTOR DRIVE TRAIN — 19		Aircraft Serial No.		Date	
Inspect Phase No.	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
ALL C	1. Intermediate (42') gearbox oil drained, sight gage for damage or stained glass, and refilled. (Access panel 13, Fig 1-4).						
ALL C	2. Intermediate (42') gearbox breather vent for clogged condition. Gearbox and support fitting for cracks, condition and security. (Access panel 13, Fig 1-4).						
ALL C	3. Tail rotor control aft cables for chafing, broken wires and security. (Access panels 13 and 14, Fig 1-4).						
ALL C	4. Control cable pulleys for wear and damage. (Access panels 13 and 14, Fig 1-4).						
ALL C	5. Tail rotor driveshaft hanger bearings. Inspect IAW TM 55-1520-210-23. (Inspection may be signed off if special inspection was performed within 25 hours of current phase inspection).						

"FOD REMINDER"

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

Phase No. _____		Area Name and No. T/R AND GEARBOX — 20		Aircraft Serial No.		Date	
Inspect Phase No.	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
ALL C	1. Vertical fin rib (P/N 204-030-827-27) along rivet row at fin station 10.08 for cracks (access thru topmost lightning holes). (Access panel 14, Fig. 1-4).						
ALL C	2. Tail rotor (90°) gearbox oil drained sight gage for damage or stained glass, and refilled.						
ALL C	3. Tail rotor (90°) gearbox filler cap for clogged vent.						
ALL C	4. Deleted.						
ALL C	5. Tail rotor control roller chain and sprocket for damage and security. (Access panels 14 and 29, Fig. 1-4).						

"FOD REMINDER"

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

Phase No. _____		Area Name and No. T/R AND GEARBOX - 20 (CONT)		Aircraft Serial No. _____		Date _____	
Inspect Phase No.	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
ALL C	6. Slowly operate tail rotor control pedals and observe roller chain operation to ensure no binding or climbing on the sprocket occurs (Access Panel 29, Fig. 1-4).						
ALL C	7. Remove tail rotor control tube. Check for excessive grease on tube. Splines and threads for wear. Threads for brass metal particles (Access Panel 29, Fig. 1-4).						
ALL	8. Tail rotor control quill for nicks, corrosion, leakage and security (Access Panel 29, Fig. 1-4).						
ALL C	9. Tail rotor control quill for wear on splines which engage quill housing and on thread which engages control nut (pitch control assembly removed from gearbox) (Access Panel 29, Fig. 1-4).						
3,6 C	10. Tail rotor (90°) gearbox support fitting (casting) for security and evidence of chafing by vertical fin door.						

"FOD REMINDER"

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

TM 55-1520-210-PM

[illegible]

“FOD REMINDER”

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

TM 55-1520-210-PM

PHASE NO. _____		Area Name and No. OIL COOLER/AFT BATY COMPARTMENT - 21		Aircraft Serial No.		Date	
Inspect Phase No's	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
3,6	1. Remove oil cooler screens and clean fan blades and assembly. Check fan blades for cracks. (Access panel 36, Fig. 1-4).						
ALL C	2. Check oil coolers for obstructions. Check turbine for rough or binding bearings by turning turbine by hand.						
ALL C	3. Flight control linkages, including push-pull tubes, links, bellcranks, bearings, bushings and rod ends for excessive play, corrosion, damage and security.						
ALL	4. Electrical wiring for chafing, deterioration of insulation and connections.						
6	5. Remove structural tube. Check tube and end fittings for loose rivets, cracks, corrosion and elongation of holes.						

"FOD REMINDER"

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

2-54.1/(2.54.2 blank)

C14

TM 55-1520-210-PM

PHASE NO. _____		Area Name and No. HEATER COMPARTMENT - 22		Aircraft Serial No.		Date	
Inspect Phase No's	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
3,6	1. Fuselage structure for damage, cracks and corrosion. (Access panels 34 and 35, Fig.1-4).						
	2. Deleted.						
	DELETE						
	Deleted.						
6	5. Combustion heater ignitor plug for condition and security. (Access panels 34 and 35, Fig.1-4).						

"FOD REMINDER"

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

TM 55-1520-210-PM

PHASE NO. _____		Area Name and No. HEATER COMPARTMENT - 22 (CONT)		Aircraft Serial No.		Date	
Inspect Phase No's	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
6	6. Combustion heater radiator and jacket assembly for condition and security. (Access panels 34 and 35, Fig.1-4)						
3,6	7. Muff heater overheat switch for loose connector pins, corrosion and damage.						

"FOD REMINDER"

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

2-56

C 5

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TM 55-1520-210-PM

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

"FOD REMINDER"

Check work area for tools and parts after completion of maintenance and inspection. 2-57/(2-58 blank) C14

TM 55-1520-210-PM

PHASE NO. _____		Area Name and No.		Aircraft Serial No.		Date	
		POWER ON CHECKS					
Inspect Phase No's	Inspection Requirements	Status	Faults and/or Remarks	Action Taken		Initial	
ALL C	1. Cyclic and collective cylinders and connecting hydraulic lines for leaks.						
ALL C	2. Fuel lines for leaks during engine operation.						
ALL C	3. Tail rotor balanced, if not previously accomplished in Area 20.						
3,6 C	4. Perform functional test on bleed air heater/muff heater system.						
ALL C	5. Functional test windshield wiper motor and converter assembly.						

"FOD REMINDER"

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

Phase No. _____		Area Name and No. POWER ON CHECKS (CONT)		Aircraft Serial No.		Date	
Inspect Phase No.	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial		
3, 6 C	6. Perform inspection on fuel quantity indicator and 20 minute fuel caution light for correct readings.						

"FOD REMINDER"

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

Phase No. _____		Area Name and No. FINAL INSPECTION REQUIREMENTS		Aircraft Serial No.		Date
Inspect Phase No.	Inspection Requirements	Status	Faults and/or Remarks	Action Taken	Initial	
ALL C	1. Verify that all entries are completed in accordance with Table 1-2 and initiate DA Forms 2408-13/14 as appropriate.					
ALL C	2. Perform maintenance operational checks (MOC), as required in accordance with the requirements of TM 1-1500-328-23.					
ALL C	2.1 Perform a daily inspection in accordance with TM 55-1520-210-PMD.					
ALL C	3. Release aircraft from inspection status to permit accomplishment of post inspection maintenance test flight (MTF) in accordance with requirements of TM 55-1520-242-MTF and TM 1-1500-328-23.					

"FOD REMINDER"

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

By Order of the Secretary of the Army:

Official:

E. C. MEYER
General, United States Army
Chief of Staff

ROBERT M. JOYCE
Major General, United States Army
The Adjutant General

DISTRIBUTION:

To be distributed in accordance with DA Form 12-31, PM requirements for UH-1D/H and EH-1H aircraft.

☆ U. S. GOVERNMENT PRINTING OFFICE : 1989 O - 242-894 (7072)

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: "Whoever" <whoever@wherever.army.mil>

To: 2028@redstone.army.mil

Subject: DA Form 2028

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

This is the text for the problem below line 27.

RECOMMENDED CHANGES TO PUBLICATIONS AND BLANK FORMS For use of this form, see AR 25-30; the proponent agency is ODISC4.						Use Part II (reverse) for Repair Parts and Special Tool Lists (RPSTL) and Supply Catalogs/Supply Manuals (SC/SM)	DATE 8/30/02
TO: (Forward to proponent of publication or form)(Include ZIP Code) Commander, U.S. Army Aviation and Missile Command ATTN: AMSAM-MMC-MA-NP Redstone Arsenal, AL 35898						FROM: (Activity and location)(Include ZIP Code) MSG, Jane Q. Doe 1234 Any Street Nowhere Town, AL 34565	
PART 1 - ALL PUBLICATIONS (EXCEPT RPSTL AND SC/SM) AND BLANK FORMS							
PUBLICATION/FORM NUMBER TM 9-1005-433-24						DATE 16 Sep 2002	TITLE Organizational, Direct Support, And General Support Maintenance Manual for Machine Gun, .50 Caliber M3P and M3P Machine Gun Electrical Test Set Used On Avenger Air Defense Weapon System
ITEM NO.	PAGE NO.	PARA-GRAPH	LINE NO. *	FIGURE NO.	TABLE NO.	RECOMMENDED CHANGES AND REASON	
1	WP0005 PG 3		2			Test or Corrective Action column should identify a different WP number.	
* Reference to line numbers within the paragraph or subparagraph.							
TYPED NAME, GRADE OR TITLE MSG, Jane Q. Doe, SFC				TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION 788-1234		SIGNATURE	

TO: <i>(Forward direct to addressee listed in publication)</i> Commander, U.S. Army Aviation and Missile Command ATTN: AMSAM-MMC-MA-NP Redstone Arsenal, AL 35898				FROM: <i>(Activity and location) (Include ZIP Code)</i> MSG, Jane Q. Doe 1234 Any Street Nowhere Town, AL 34565				DATE 8/30/02	
PART II – REPAIR PARTS AND SPECIAL TOOL LISTS AND SUPPLY CATALOGS/SUPPLY MANUALS									
PUBLICATION NUMBER				DATE		TITLE			
PAGE NO.	COLM NO.	LINE NO.	NATIONAL STOCK NUMBER	REFERENCE NO.	FIGURE NO.	ITEM NO.	TOTAL NO. OF MAJOR ITEMS SUPPORTED	RECOMMENDED ACTION	
PART III – REMARKS <i>(Any general remarks, requests, corrections, or suggestions for improvement of publications and blank forms. Additional blank sheets may be used if more space is needed.)</i>									
<div style="text-align: center; font-size: 100px; transform: rotate(-45deg); opacity: 0.5;"> EXAMPLE </div>									
TYPED NAME, GRADE OR TITLE MSG, Jane Q. Doe, SFC				TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION 788-1234			SIGNATURE		

RECOMMENDED CHANGES TO PUBLICATIONS AND BLANK FORMS For use of this form, see AR 25-30; the proponent agency is ODISC4.						Use Part II (reverse) for Repair Parts and Special Tool Lists (RPSTL) and Supply Catalogs/Supply Manuals (SC/SM)	DATE
TO: (Forward to proponent of publication or form)(Include ZIP Code) Commander, U.S. Army Aviation and Missile Command ATTN: AMSAM-MMC-MA-NP Redstone Arsenal, AL 35898						FROM: (Activity and location)(Include ZIP Code)	
PART 1 - ALL PUBLICATIONS (EXCEPT RPSTL AND SC/SM) AND BLANK FORMS							
PUBLICATION/FORM NUMBER						DATE	TITLE
ITEM NO.	PAGE NO.	PARA-GRAPH	LINE NO. *	FIGURE NO.	TABLE NO.	RECOMMENDED CHANGES AND REASON	
<i>* Reference to line numbers within the paragraph or subparagraph.</i>							
TYPED NAME, GRADE OR TITLE					TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION	SIGNATURE	

TO: (Forward direct to addressee listed in publication) Commander, U.S. Army Aviation and Missile Command ATTN: AMSAM-MMC-MA-NP Redstone Arsenal, AL 35898				FROM: (Activity and location) (Include ZIP Code)			DATE	
PART II – REPAIR PARTS AND SPECIAL TOOL LISTS AND SUPPLY CATALOGS/SUPPLY MANUALS								
PUBLICATION NUMBER				DATE		TITLE		
PAGE NO.	COLM NO.	LINE NO.	NATIONAL STOCK NUMBER	REFERENCE NO.	FIGURE NO.	ITEM NO.	TOTAL NO. OF MAJOR ITEMS SUPPORTED	RECOMMENDED ACTION
PART III – REMARKS (Any general remarks or recommendations, or suggestions for improvement of publications and blank forms. Additional blank sheets may be used if more space is needed.)								
TYPED NAME, GRADE OR TITLE				TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION			SIGNATURE	

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 decigrams = .035 ounce
 1 decagram = 10 grams = .35 ounce
 1 hectogram = 10 decagrams = 3.52 ounces
 1 kilogram = 10 hectograms = 2.2 pounds
 1 quintal = 100 kilograms = 220.46 pounds
 1 metric ton = 10 quintals = 1.1 short tons

Liquid Measure

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

Square Measure

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

Cubic Measure

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

Approximate Conversion Factors

<i>To change</i>	<i>To</i>	<i>Multiply by</i>	<i>To change</i>	<i>To</i>	<i>Multiply by</i>
inches	centimeters	2.540	ounce-inches	Newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.609	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.315
fluid ounces	milliliters	29.573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	3.785	liters	quarts	1.057
ounces	grams	28.349	liters	gallons	.264
pounds	kilograms	.454	grams	ounces	.035
short tons	metric tons	.907	kilograms	pounds	2.205
pound-feet	Newton-meters	1.356	metric tons	short tons	1.102
pound-inches	Newton-meters	.11296			

Temperature (Exact)

F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	C
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