

TECHNICAL MANUAL
AVIATION UNIT AND
AVIATION INTERMEDIATE
MAINTENANCE MANUAL

ENGINE, GAS TURBINE
MODEL T55-L-714
NSN 2840-01-353-7635

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HEADQUARTERS, DEPARTMENT OF THE ARMY
1 DECEMBER 1994

Technical Manual

NO. 1-2840-252-23

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON D.C., 1 December 1994

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Aviation Unit and Aviation Intermediate Maintenance Manual

ENGINE, GAS TURBINE

MODEL T55-L-714

(NSN 2840-01-353-7635)

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 these procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual directly to: Commander, US Army Aviation and Missile Command, ATTN: AMSAM-MMC-MA-NP, Redstone Arsenal, AL 35898-5000. A reply will be furnished to you. You may also provide DA Form 2028 information to AMCOM via e-mail, fax, or the World Wide Web. Our fax number is: DSN788-6546. Our e-mail address is: 2028@redstone.army.mil. Instructions for sending an electronic 2028 may be found at the back of this manual immediately preceding the hard copy 2028. For the World Wide Web use: <https://amcom2028.redstone.army.mil>.

OZONE DEPLETING CHEMICAL INFORMATION

This document has been reviewed for the presence of class I ozone depleting chemicals. As of the basic, dated 1 December 1994, all references to Class I ozone depleting chemicals have been removed from this document by substitution with chemicals by the Engineering, Environment, and Logistics Oversight Office that do not cause atmospheric ozone depletion.

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NOTE

This manual is printed in three volumes as follows:

TM 1-2840-252-23-1, consisting of Table of Contents, Chapter 1, Chapter 2, pages 2-1 through 2-322

TM 1-2840-252-23-2, consisting of Table of Contents, Chapter 2, pages 2-323 through 2-425/(2-426 blank), Chapter 3, Chapter 4, Chapter 5, Chapter 6, pages 6-1 through 6-182.

TM 1-2848-252-23-3, consisting of Table of Contents, Chapter 6, pages 6-183 through 6-265/(6-266 blank), Chapter 7, Chapter 8, and Chapter 9, Appendix A through Appendix G, and an Alphabetical Index. The Appendices and Index are applicable to Volumes 1 through 3.

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6-64 REMOVE HOSE ASSEMBLY (HMA TO OIL COOLER)**6-64****INITIAL SETUP****General Safety Instructions:****Applicable Configurations:**

All

Tools:

Powerplant Mechanic's Tool Kit,

NSN 5180-00-323-4944

Container, 1 Quart

Materials:

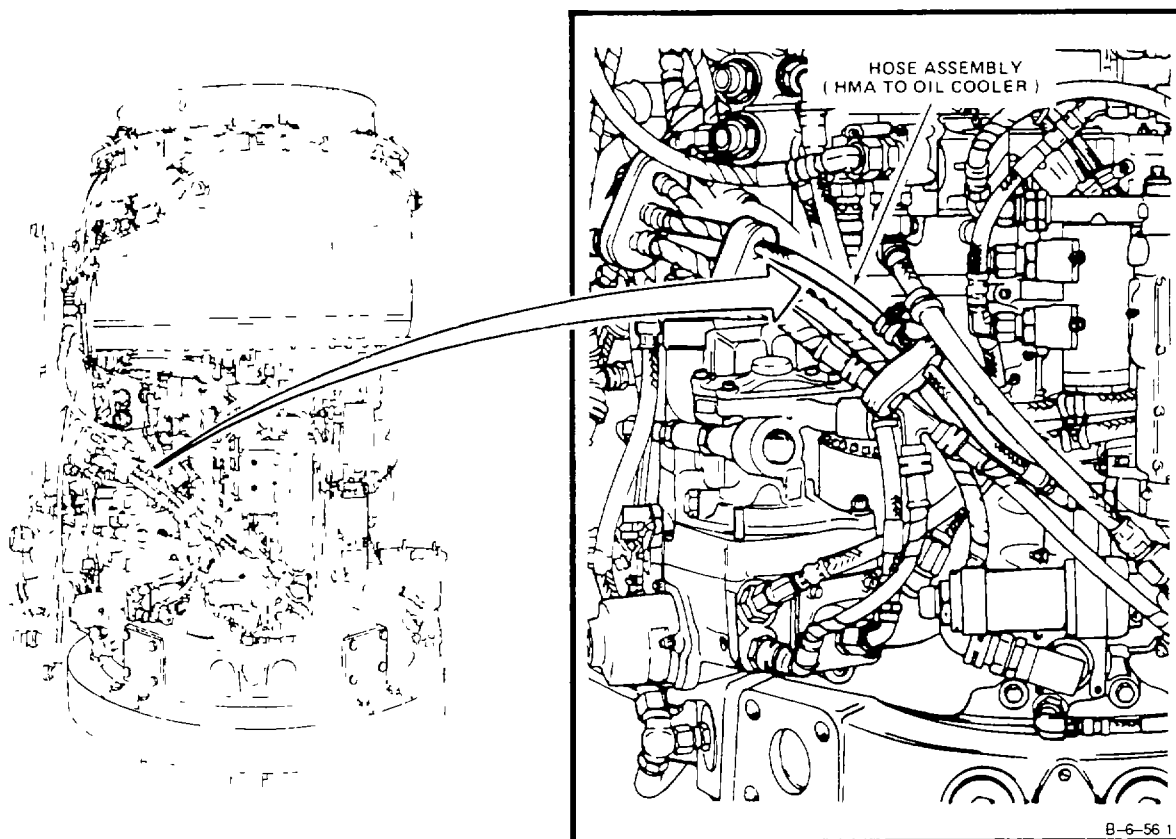
Wiping Rag (E64)

Personnel Required:

Aircraft Powerplant Repairer

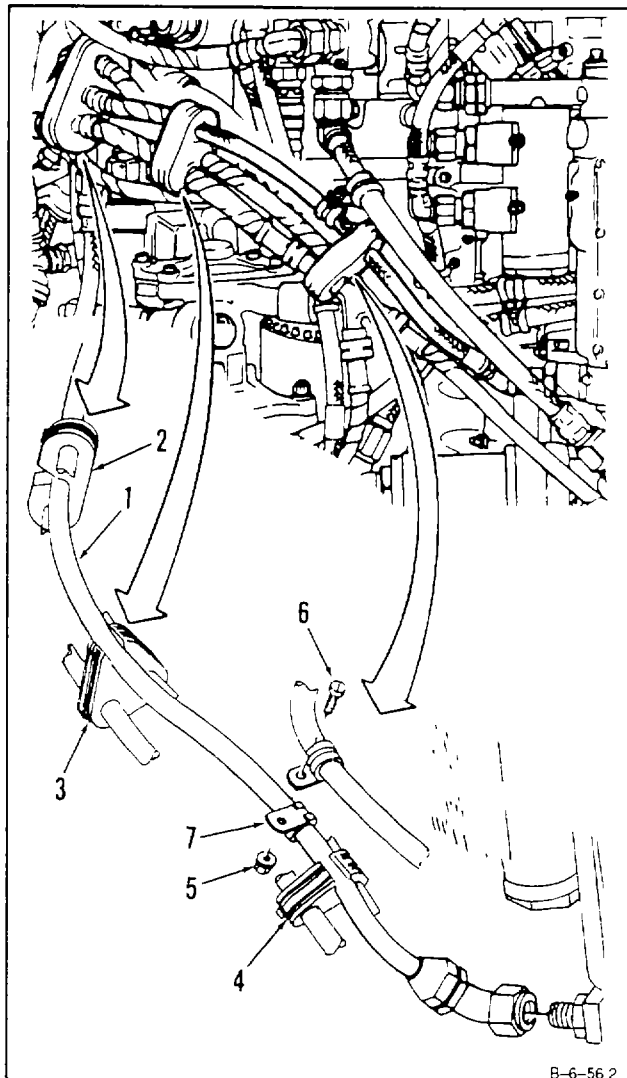
WARNING

Turbine fuels are very flammable. They may cause drying and irritation of skin or eyes. Handle only in well-ventilated areas away from heat and open flame. Drain and store in approved metal safety containers. Avoid prolonged or repeated contact with skin and do not take internally. Wash contacted area of skin thoroughly after handling. If irritation of skin results, get medical attention. Get medical attention for eyes.

**GO TO NEXT PAGE**

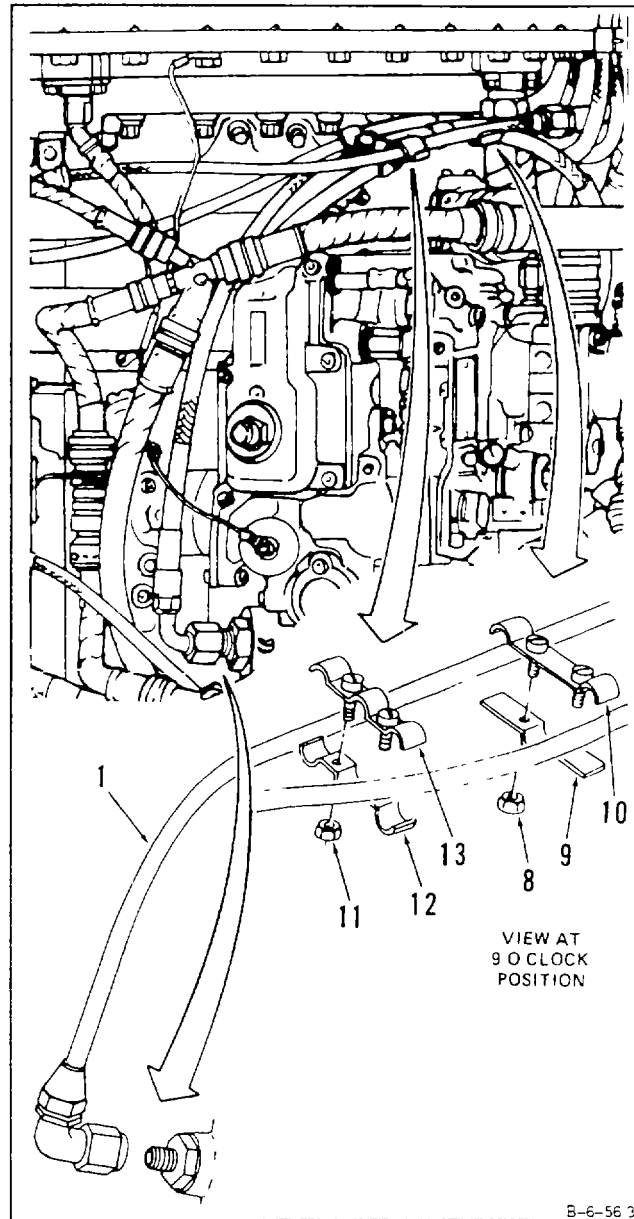
6-64 REMOVE HOSE ASSEMBLY (HMA TO OIL COOLER) (Continued)**6-64**

1. Cut and remove tiedown straps and lift hose assembly (1) out of cushions (2, 3, and 4).
2. Remove nut (5), bolt (6), and clamp (7).

**GO TO NEXT PAGE**

6-64 REMOVE HOSE ASSEMBLY (HMA TO OIL COOLER) (Continued)**6-64**

3. Remove two nuts (8) and clamps (9 and 10) and two nuts (11) and clamps (12 and 13).
4. Disconnect and remove hose assembly (1).



FOLLOW-ON MAINTENANCE:
None

END OF TASK

6-65 INSTALL HOSE ASSEMBLY HMA TO OIL COOLER)**6-65****INITIAL SETUP**

Technical Inspection Tool Kit,
NSN 5180-00-323-5114

Materials:

Tiedown Strap (3)

Personnel Required:

Aircraft Powerplant Repairer

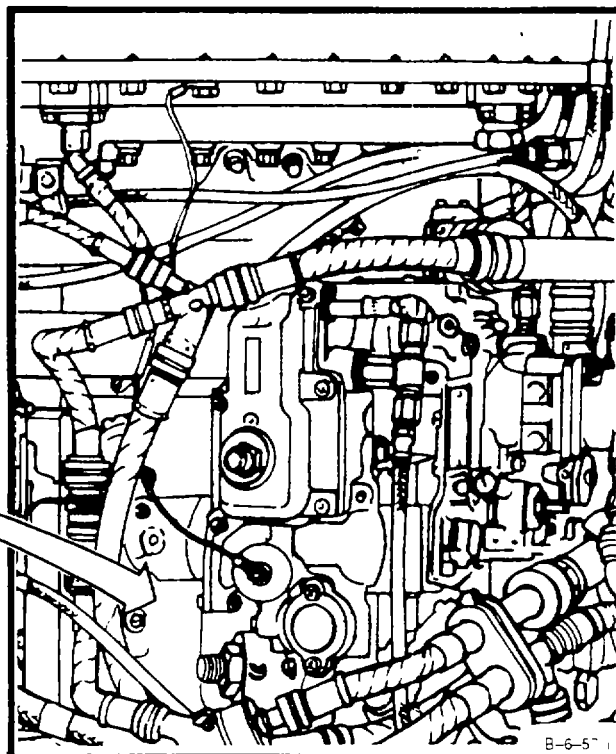
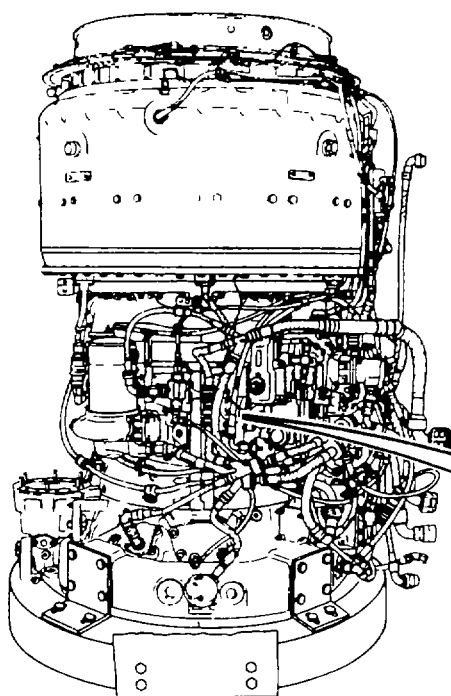
Aircraft Powerplant Inspector

Applicable Configurations:

All

Tools:

Powerplant Mechanic's Tool Kit,
NSN 5180-00-323-4944



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