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TECHNICAL MANUAL

AVIATION UNIT AND AVIATION INTERMEDIATE MAINTENANCE

ENGINE ASSEMBLY, GAS TURBINE (GTCP36-150) {BH}) PN 3800480-1 NSN 2835-01-337-3670 (GTCP36-150{BH})

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Aviation Unit and Aviation Intermediate Maintenance

ENGINE ASSEMBLY,
GAS TURBINE (GTCP36-150 {BH})
PN 3800480-1 NSN 2835-01-337-3670
(GTCP36-150 {BH))

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 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 Troop Command, ATTN: AMSAT-I-MP, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. A reply will be furnished directly to you.

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How to Use This Manual

1. Description of Manual. This manual has several chapters and appendices. Each chapter is divided into sections. Each section in Chapter 1 is divided into paragraphs. The paragraphs have specific information you will need to know. Chapter 2 on is divided into tasks. The tasks tell you what you need and how to do any job. The appendices have general information you will need to know. They list references, maintenance allocation chart, expendable supplies and materials, wiring diagrams and manufactured items.

a. Initial Setup. Initial setup is the first part of every task in the manual. It lists what tools, materials and parts you will need before you can do the task. The following headings are used when they apply.

(1) Task Title. The task title after the paragraph number describes the job to be done in the task.

(2) Tools. Tools, tool kits or shop sets needed to do the task are listed here. If tools from your repairman's kit are needed, the kit is listed. Tools you need that are not in the kit or set, are listed by name, type and size. Special tools and test support equipment are listed by a T-number. Find these items in Appendix D.

Example: Welded Assembly

(3) Materials. Expendable items and support materials are listed under this heading. These are things like rags, antiseize compound, non-electrical wire, etc. They are listed by a D-number.

Example: Rags (0108)

Find these items in Appendix C.

(4) Parts. All mandatory replacement parts are listed. These are things like gaskets, packings, cotter pins, lockwashers, etc. They are liste by the Repair Parts and Special Tools List (RPSTL) name.

(5) Personnel Required. The people needed to do the task are listed under this heading. They are identified by their MOS. When more than one of any MOS is needed, the number needed is shown in parentheses. The text will tell you when a helper is needed.

(6) References. Related tasks and TM's you will need to do the task are listed under this heading. The task steps tell you when these tasks and TM's are needed.

(7) Equipment Condition. All the things to be done before you start the task are listed under this heading. To help, the number of the task tells you how to do them is given when applicable.

NOTE

If a task is other than an off helicopter task, it will be brought to your attention under "Equipment Condition". Example: "APU on Aircraft".

(8) General Safety Instructions. Safety precautions and warnings that must be observed when you are doing the job are described under this heading.

b. Procedures. Step-by-step procedures tell you how to do the task. They are arranged in logical sequence to help you get the task done efficiently.