This copy is a reprint which includes current pages from Changes 1 through 5.
Aviation Unit and Intermediate Maintenance
Gas Turbine Engine
(Auxiliary Power Unit - APU)
Model T-62T-40-1
Part Numbers 116305-100, 116305-200,
116305-201, 116305-300 and 116305-302
NSN 2835-01-083-9978, 2835-01-166-9129,
2835-01-369-5606, 2835-01-267-8229 and 2835-01-369-2818

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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1. Description of Manual. This manual has two chapters and six 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 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. Paragraph/Tasks. Paragraphs make up sections in Chapter 1. They contain specific information about the APU. Tasks make up Chapter 2. It is the tasks that have the information you need to do any job. All paragraphs and tasks are numbered. This helps you find what you need when you need it. USE THE TABLE OF CONTENTS or THE INDEX TO FIND THE PARAGRAPH OR TASK YOU NEED. Tasks and tables are identified by the number of the chapter in which it appears, followed by a dash and a number indicating the sequence in which it appears in the chapter.

      Examples: Table 1-2 is the second table in Chapter 1.
                 Task 2-11 is the eleventh task in Chapter 2.

   b. 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 Table 1-1.

      (3) Materials. Expendable items and support materials are listed under this heading. These are things like solvent, rags, grease, safety wire, etc. They are listed by an E-number;

      Example: Grease (E2)

      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 listed 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.