
TECHNICAL MANUAL

DIRECT SUPPORT AND GENERAL SUPPORT
MAINTENANCE REPAIR
PARTS AND SPECIAL TOOLS LISTS
(INCLUDING DEPOT MAINTENANCE
REPAIR PARTS)
POWER PLANT, UTILITY (MUST) GAS
TURBINE ENGINE
(AMERTECH CORP MODEL APP-1)
NSN 6115-00-937-0929

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DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE REPAIR
PARTS AND SPECIAL TOOLS LISTS
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS)

POWER PLANT, UTILITY (MUST)
GAS TURBINE ENGINE DRIVEN
(AIRESEARCH COMPANY MODEL NO. PPU85-5),
(LIBBY WELDING COMPANY MODEL NO. LPU-7 1),
(AMERTECH CORPORATION MODEL NO. APP-1),
AND
(HOLLINGSWORTH COMPANY MODEL NO. JHTWX10/96)
NSN 611 59370929 (NON-WINTERIZED)
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REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistake 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 Troop Support Command, ATTN: AMSTR-MCTS, 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798. A reply wNi1l be furnished directly to you.

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Section I. INTRODUCTION

1. Scope.

This manual lists repair parts, special tools, test, measurement, and diagnostic equipment (TMDE), and other support equipment required for operation and performance of direct support, general support and depot maintenance of the Power Plant, Utility (MUST) Gas Turbine Engine.

2. General.

a. Section II - Repair Parts List. A list of repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending numerical sequence, with the parts in each group listed in figure and item number sequence. Bulk materials are listed in NSN sequence, as the last group in Section II.

b. Section III - Special Tools List. A list of special tools, TMDE, and support equipment authorized for the performance of maintenance, at the DS, GS, and Depot level.

c. Section IV - National Stock Number and Part Number Index. A list, in ascending numerical sequence, of all National Stock Numbers appearing in the listings, followed by a list, in alphanumeric sequence, of all part numbers appearing in the listings. National Stock Number and part numbers are cross-referenced to each illustration figure and item number appearance.

3. Explanation of Columns.

The following provides an explanation of columns found in the tabular listings:

a. Illustration. This column is divided as follows:

(1) Figure Number. Indicates the figure number of the illustration in which the item is shown.

(2) Item Number. The number used to identify each item called out in the illustration.

b. Source, Maintenance, and Recoverability Codes (SMR).

(1) Source Code. Source codes are assigned to support items to indicate the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

Code	Definition
PA	Item procured and stocked for anticipated or known usage.
PB	Item procured and stocked for insurance purpose because essentiality dictates that a minimum quantity be available in the supply systems.
PC	Item procured and stocked and which otherwise would be coded PA except that it is deteriorative in nature.
PD	Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional initial issues or outfittings. Not subject to automatic replenishment.
PE	Support equipment procured and stocked for initial issue or outfitting to specified maintenance repair activities.
PF	Support equipment which will not be stocked but which will be centrally procured on demand.
PG	Item procured and stocked to provide for sustained support for the life of the equipment. It is applied to an item peculiar to the equipment which, because of probable discontinuance or shutdown of production facilities, would prove uneconomical to reproduce at a later time.
KD	An item of a depot overhaul/repair kit and not purchased separately. Depot kit defined as a kit that provides items required at the time of overhaul or repair.
KF	An item of a maintenance kit and not purchased separately. Maintenance kit defined as a kit that provides an item that can be replaced at organizational or intermediate levels of maintenance.
KB	Item included in both a depot overhaul/repair kit and a maintenance kit.
MO	Item to be manufactured or fabricated at organizational level.
MF	Item to be manufactured or fabricated at the direct support maintenance level.
MH	Item to be manufactured or fabricated at the general support maintenance level.
MD	Item to be manufactured or fabricated at the depot maintenance level.
AO	Item to be assembled at organizational level.
AF	Item to be assembled at direct support maintenance level.