

TECHNICAL MANUAL

**UNIT, DIRECT SUPPORT AND
GENERAL SUPPORT MAINTENANCE
REPAIR PARTS
AND SPECIAL TOOLS LIST**

FOR

**FIELD DEPLOYABLE
ENVIRONMENTAL CONTROL UNIT**

**MODELS FDECU-2, FDECU-3, AND FDECU-4
(NSN 4120-01-449-0459)**

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HEADQUARTERS, DEPARTMENTS OF THE ARMY AND THE AIR FORCE

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REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve the manual. If any mistakes are found or if ways are known to improve 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 the manual and mail to: Commander, US Army Communications-Electronics Command, ATTN: AMSEL-LC-LEO-D-CS-CFO, Fort Monmouth, NJ 07703-5006. The fax number is 732-532-1413, DSN 992-1413. You may also e-mail your recommendations to: AMSEL-LC-LEO-PUBS-CHG@mail1.monmouth.army.mil.

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SECTION I INTRODUCTION

1. SCOPE

This RPSTL lists and authorizes spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE); and other special support equipment required for the performance of unit, direct support and general support maintenance of the Field Deployable Environmental Control Unit. It authorizes the requisitioning, issue, and disposition of spares, repair parts and special tools as indicated by the source, maintenance, and recoverability (SMR) codes.

2. GENERAL

This Repair Parts and Special Tools List is divided into the following sections:

a. Section II, Repair Parts List. A list of spares and repair parts authorized by this RPSTL for use in the performance of maintenance. This list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending alphanumeric sequence, with the parts in each group listed in ascending figure and item number sequence. Bulk materials are listed by item name FIG. BULK at the end of this section. Repair part kits are listed separately in their own functional group within Section II. Repair parts for reparable special tools are also listed in Section II. Items listed are shown on the associated illustration.

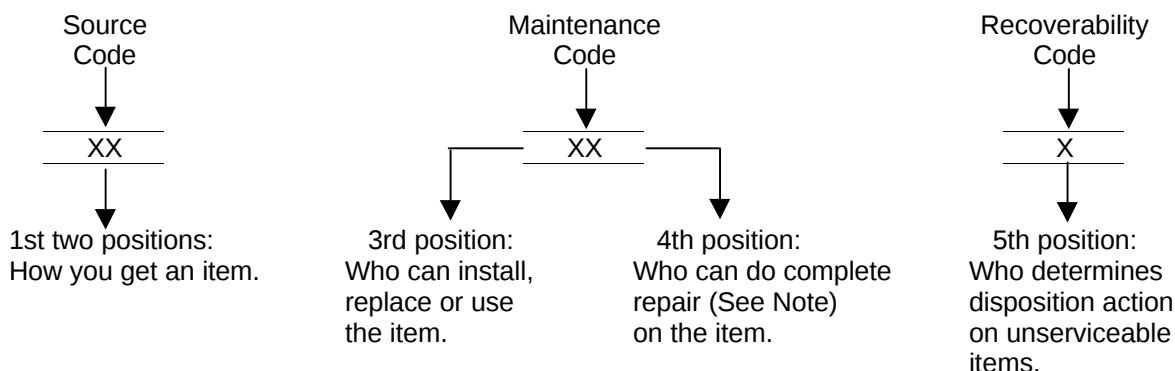
b. Section III, Special Tools List. A list of special tools, special TMDE, and other special support equipment authorized by this RPSTL as indicated by Basis of Issue (BOI) information in the DESCRIPTION AND USABLE ON CODE (UOC) column. Tools that are components of common tools sets and/or class VII are not listed.

c. Section IV, Cross-Reference Indexes. There are two cross-reference indexes in this RPSTL: The National Stock Number Index and the Part Number Index. The National Stock Number Index refers you to the figure and item number. The Part Number refers you to the figure and item number.

3. EXPLANATION OF COLUMNS (Section II and III)

a. Item No. (Column (1)). Indicates the number used to identify items called out in the illustration.

b. SMR Code (Column (2)). The source, maintenance, and recoverability (SMR) code is a five-position code containing supply/requisitioning information, maintenance level authorization criteria and disposition instruction, as shown in the following breakout:



NOTE

Complete repair: Maintenance capacity, capability and authority to perform all corrective maintenance tasks of the "repair" function in a use/user environment in order to restore serviceability to a failed item.

(1) Source code. The source code tells you how to get an item needed for maintenance, repair, or overhaul of an end item/equipment. Explanations of source codes follow:

<i>Code</i>	<i>Application/explanation</i>
PA PB PC PD PE PF PG	Stocked items: use the applicable NSN to request/requisition items with these source codes. They are authorized to the level indicated by the code entered in the third position of the SMR code.
NOTE: Items coded PC are subject to deterioration.	
KD KF KB	Items with these codes are not to be requested/requisitioned individually. They are part of a kit which is authorized to the maintenance level indicated in the third position of the SMR code. The complete kit must be requisitioned and applied.
MO - Made at unit/AVUM level MF - Made at DS/AVIM level MH - Made at GS level ML - Made at Specialized Repair Activity (SRA) MD - Made at Depot	Items with these codes are not to be requested/requisitioned individually. They must be made from bulk material which is identified by the part number in the description and usable on code (UOC) column and listed in the Bulk Material group of the repair parts list. If the item is authorized to you by the third position code of the SMR code, but the source code indicates it is made at a higher level, order the item from the higher level of maintenance.
AO - Assembled by unit/AVUM level AF - Assembled by DS/AVIM level AH - Assembled by GS level AL - Assembled by SRA AD - Assembled by Depot	Items with these codes are not to be requested/requisitioned individually. The parts that make up the assembled item must be requisitioned or fabricated and assembled at the level of maintenance indicated by the source code. If the third position code of the SMR code authorizes you to replace the item, but the source code indicates the item is assembled at a higher level, order the item from the higher level of maintenance.
XA -	Do not requisition an "XA" coded item. Order the next higher assembly. (Refer to NOTE below.)
XB -	If an "XB" item is not available from salvage, order it using the CAGEC and part number given.
XC -	Installation drawing, diagram, instruction sheet, field service drawing, that is identified by manufacturer's part number.
XD -	Item is not stocked. Order a XD-coded item through normal supply channels using CAGEC and P/N given, if no NSN is available.