TECHNICAL MANUAL

ORGANIZATIONAL, DIRECT SUPPORT, AND
GENERAL SUPPORT MAINTENANCE REPAIR
PARTS AND SPECIAL TOOLS LIST
FOR
LINE PRINTER LP600
(DATA PRODUCTS)

HEADQUARTERS, DEPARTMENT OF THE ARMY
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TECHNICAL MANUAL

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ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT
MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST
FOR
LINE PRINTER LP600 (DATA PRODUCTS)

Current as of 13 March 1985

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SECTION I

INTRODUCTION

1.   Scope

This manual lists and authorizes spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE); and other special support equipment required for performance of organizational, direct support and general support maintenance of the Line Printer LP600. 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. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending numeric sequence, with the parts in each group listed in ascending item number sequence. Figure numbers are listed directly beneath the group header.
      b.   Section III. Special 7bols List. Not applicable.
      c.   *Section IV. National Stock Number and Part Number Index.* A list, in National item identification number (NIIN) sequence, of all National stock numbered items appearing in the listing, followed by a list in alphameric sequence of all part numbers appearing in the listings. National stock numbers and part numbers are cross- referenced to each illustration figure and item number appearance.

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 category authorization criteria, and disposition instruction, as shown in the following breakout:
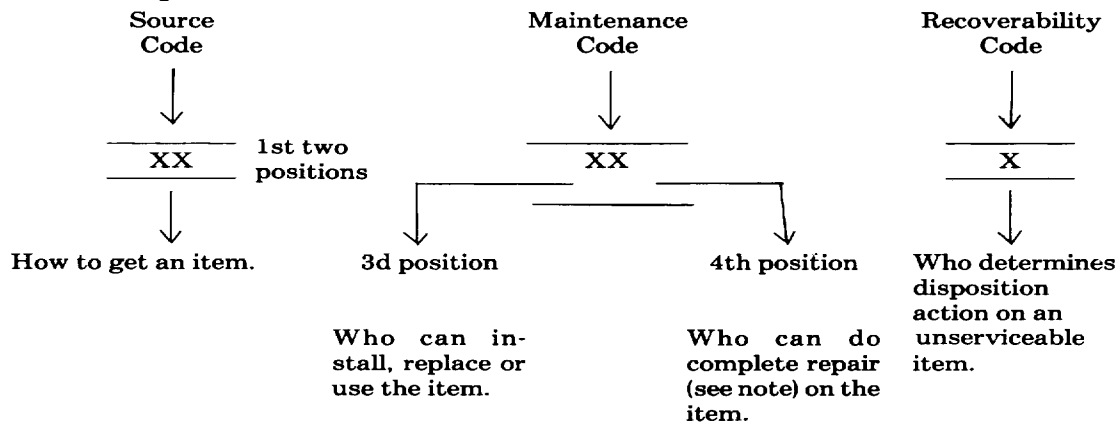
NOTE
Complete repair: Maintenance capacity, capability, and authority to perform all corrective maintenance tasks of the "Repair" function in a use/user environment in order to restore serviceability to a failed item.

      (*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 follows:

	Explanation
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 category 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 category indicated in the third position of the SMR code. The complete kits must be requisitioned and applied.
MO—Made at org/AVUM category MF—Made at DS/AVUM category MH—Made at GS category 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 category, order the item from the higher category of maintenance.
AO—Assembled by org/AVUM category AF—Assembled by DS/AVIM category AH—Assembled by GS category 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 category of maintenance indicated by the source code. If the disposition code of the SMR code authorizes you to replace the item, but the source code indicates the item is assembled at a higher category, order the item from the higher category of maintenance.

Code   *Explanation*

XA   -   Do not requisition an "XA" coded item. Order its next higher assembly.
XB   -   If an "XB" item is not available from salvage, order it using the FSCM and part number given.
XC   -   Installation drawing, diagram, instruction sheet, field service drawing, that is identified by manufacturers part number.
XD   -   Item is not stocked. Order an "XD" coded item through normal supply channels using the FSCM and part number given, if no NSN is available.

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NOTE

Cannibalization or controlled exchange, when authorized, may be used as a source of supply for items with the above source codes, except for those source coded "XA" or those aircraft support items restricted by requirements of AR 750-1.

(*2*)   *Maintenance code.* Maintenance codes tell you the category of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the SMR code as follows:
    (a)   The maintenance code entered in the third position tells you the lowest maintenance category authorized to remove, replace, and use an item. The maintenance code entered in the third position will indicate authorization to one of the following categories of maintenance.

Code		*Application/Explanation*
C	-	Crew or operator maintenance done within organizational or aviation maintenance.
O	-	Organizational or aviation unit category can remove, replace, and use the item.
F	-	Direct support or aviation intermediate category can remove, replace, and use the item.
H	-	General support category can remove, replace, and use the item.
L	-	Specialized repair activity can remove, replace, and use the item.
D	-	Depot category can remove, replace, and use the item.

    (*b*)   The maintenance code entered in the fourth position tells whether or not the item is to be repaired and identifies the lowest maintenance category with the capability to do complete repair (i.e., perform all authorized repair functions). This position will contain one of the following maintenance codes.

NOTE

Some limited repair may be done on the item at a lower category of maintenance, if authorized by the Maintenance Allocation Chart (MAC) and SMR codes.

Code		*Application/Explanation*
O	-	Organizational or aviation unit is the lowest category that can do complete repair of the item.
F	-	Direct support or aviation intermediate is the lowest category that can do complete repair of the item.
H	-	General support is the lowest category that can do complete repair of the item.
L	-	Specialized repair activity (designates the specialized repair activity) is the lowest category that can do complete repair of the item.
D	-	Depot is the lowest category that can do complete repair of the item.
Z	-	Nonreparable. No repair is authorized.
B	-	No repair is authorized. (No parts or special tools are authorized for the maintenance of a "B" coded item). However, the item may be reconditioned by adjusting, lubricating, etc., at the user category.

    (*3*)   *Recoverability code.* Recoverability codes are assigned to items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the SMR Code as follows:

Recoverability codes		*Application/Explanation*
Z	-	Nonreparable Item. When unserviceable, condemn and dispose of the item at the category of maintenance shown in the third position of SMR Code.
O	-	Reparable item. When uneconomically reparable, condemn and dispose of the item at organizational or aviation unit category.
F	-	Reparable item. When uneconomically reparable, condemn and dispose of the item at direct support or aviation intermediate category.
H	-	Reparable item. When uneconomically reparable, condemn and dispose of the item at general support category.
D	-	Reparable item. When beyond lower category repair capability, return to depot. Condemnation and disposal of item not authorized below depot category.
L	-	Reparable item. Condemnation and disposal not authorized below specialized repair activity (SRA).

Recoverability
codes   *Application/Explanation*
A   -   Item requires special handling or condemnation procedures because of specific reasons (e.g., precious
                metal content, high dollar value, critical material, or hazardous material). Refer to appropriate manuals/
                directives for specific instructions.
       c.   *FSCM(Column (3)).* The Federal Supply Code for Manufacturer (FSCM) is a 5-digit numeric code which is
used to identify the manufacturer, distributor, or Government agency, etc., that supplies the item.
       d.   *Part Number (Column (4)).* Indicates the primary number used by the manufacturer (individual, company,
firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its
engineering drawings, specifications, standards, and inspection requirements to identify an item or range of items.

NOTE

When you use a NSN to requisition an item, the item you receive may have a different part
number from the part ordered.

       e.   *Description and Usable on Code (UOC) (Column (5)).* This column includes the following information.
       (1)   The Federal item name and, when required, a minimum description to identify the item.
       (2)   The statement "END OF FIGURE" appears just below the last item description in Column (5) for a
given figure in both section II and section III.
       f.   *Qty (Column* 6)). Indicates the quantity of the item used in the breakout shown on the illustration figure,
which is prepared for a functional group, sub-functional group, or an assembly. A "V" appearing in this column in lieu of a
quantity indicates that the quantity is variable and the quantity may vary from application to application.

4.   **Explanation of Columns (Section IV)**

       a.   *National Stock Number (NSN) Index.*
       (1) *Stock number column.* This column lists the NSN by National item identification number (NIIN)
sequence. The NIIN consists of the last nine digits of the NSN. When using this column to locate an item, ignore the first
four digits of the NSN. When requisitioning items use the complete NSN (13 digits).
       (2) *Fig. Column.*   This column lists the number of the figure where the item is identified/located. The
illustrations are in numerical sequence in sections II and III.
       (3) *Item column.* The item number identifies the item associated with the figure listed in the adjacent Fig.
column. This item is also identified by the NSN listed on the same line.
       b.   *Part Number Index.* Part numbers in this index are listed by part number in ascending alphameric sequence.
       (1) *FSCM column* This column lists the Federal supply code for manufacturer (FSCM).
       (2) *Part number column* This column indicates the part number assigned to the item.
       (3) *Stock number column* This column lists the National stock number for the associated part number and
manufacturer identified in the part number and FSCM columns to the left.
       (4) *Fig. column* This column lists the number of the figure where the item is identified/located in sections II
and III.
       (5) *Item column.* The item number is that number assigned to the item as it appears in the figure
referenced in the adjacent figure number column.

5.   **Special Information**

       a.   *Associated Publications.* The publications listed below pertain to the Line Printer LP600 and its components:
TM 11-7440-325-14, Line Printer LP600 (Data Products).
       b.   *Short Form Repair Parts and Special Tools List (RPSTL).* This Repair Parts and Special Tools is a short
form RPSTL. All repair parts will be listed in the next revision.
       c.   *National Stock Numbers.* National stock numbers (NSN's) that are missing from P source coded items have
been applied for and will be added to this TM by future change/revision when they are entered in the Army Master Data
File (AMDF). Until the NSN's are established and published, submit exception requisitions to: Commander, US Army
Communications-Electronics Command and Fort Monmouth, AIIIN: AMSEL-MM, Fort Monmouth, NJ 07703-5006 for the
part required to support your equipment.

6.   How to Locate Repair Parts

      a.   When National stock number or part number is not known.

      (*1*) *First.* Using the table of contents, determine the assembly group or subassembly group to which the item belongs. This is necessary since figures are prepared for assembly groups and subassembly groups, and listings are divided into the same groups.

      (*2*) *Second* Find the figure covering the assembly group or subassembly group to which the item belongs.

      (*3*) *Third* Identify the item on the figure and note the item number.

      (*4*) *Fourth.* Refer to the Repair Parts List for the figure to find the part number for the item number noted on the figure.

      (*5*) *Fifth.* Refer to the Part Number Index to find the NSN, if assigned.

      b.   When National stock number or part number is known.

      (*1*)   *First.* Using the index of National stock numbers and part numbers, find the pertinent National stock number or part number. The NSN index is in National item identification number (NIIN) sequence (para 4a(1)). The part numbers in the part number index are listed in ascending alphameric sequence (para 4b). Both indexes cross-reference you to the illustration figure and item number of the item you are looking for.

      (*2*) *Second* After finding the figure and item number, verify that the item is the one you're looking for, then locate the item number in the repair parts list for the figure.

7.   Abbreviations
Not applicable.

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Figure 1. LP600 Line Printer (Sheet I of 3)

EL9RC001

A6
A23
12

F1
13
A5
14

A4
15

A3
16

A1
19

F1
18

A2
17
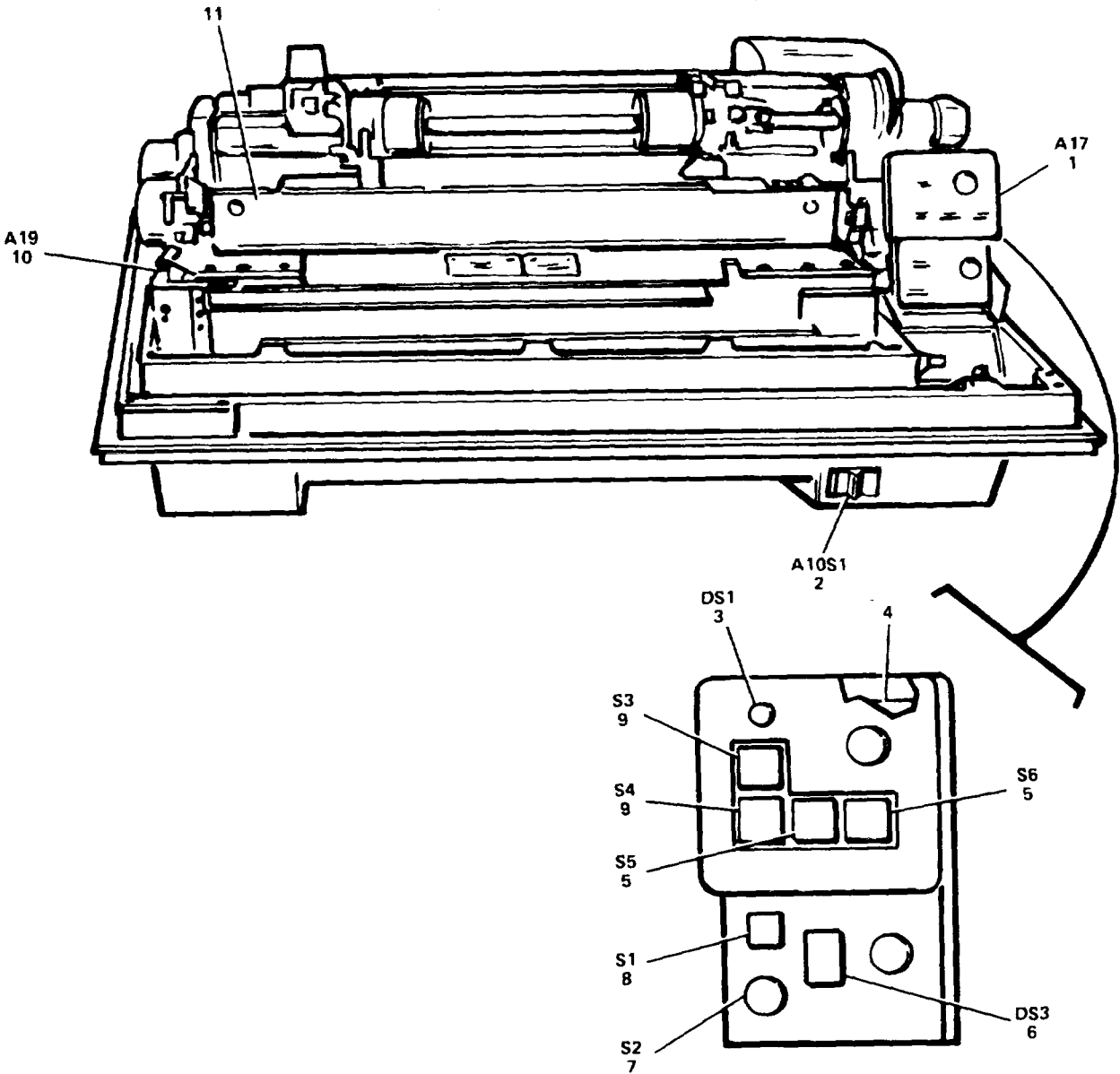
REAR VIEW

EL9RC002

Figure 1. LP600 Line Printer (Sheet 2 of 3)

REAR VIEW

EL9RC003

Figure 1 LP600 Line Printer (Sheet 3 of 3)

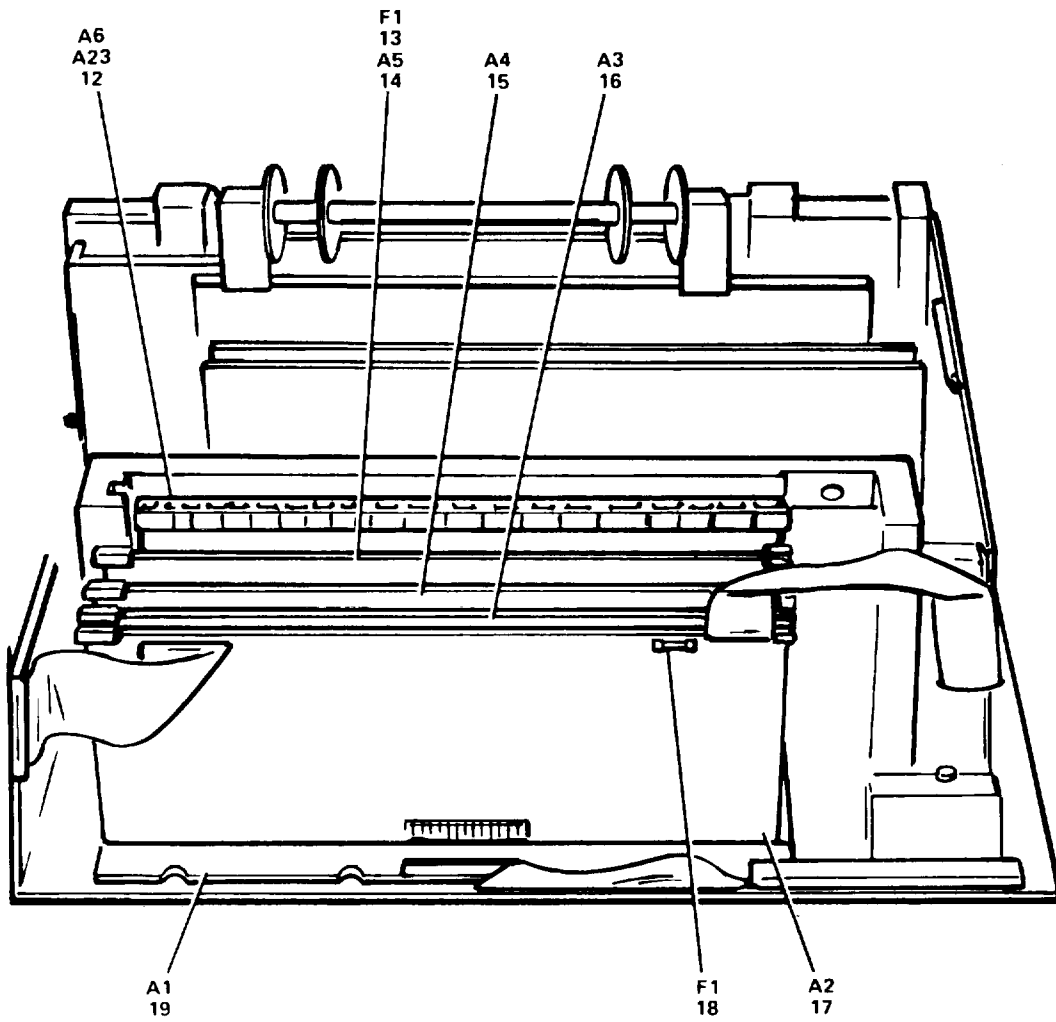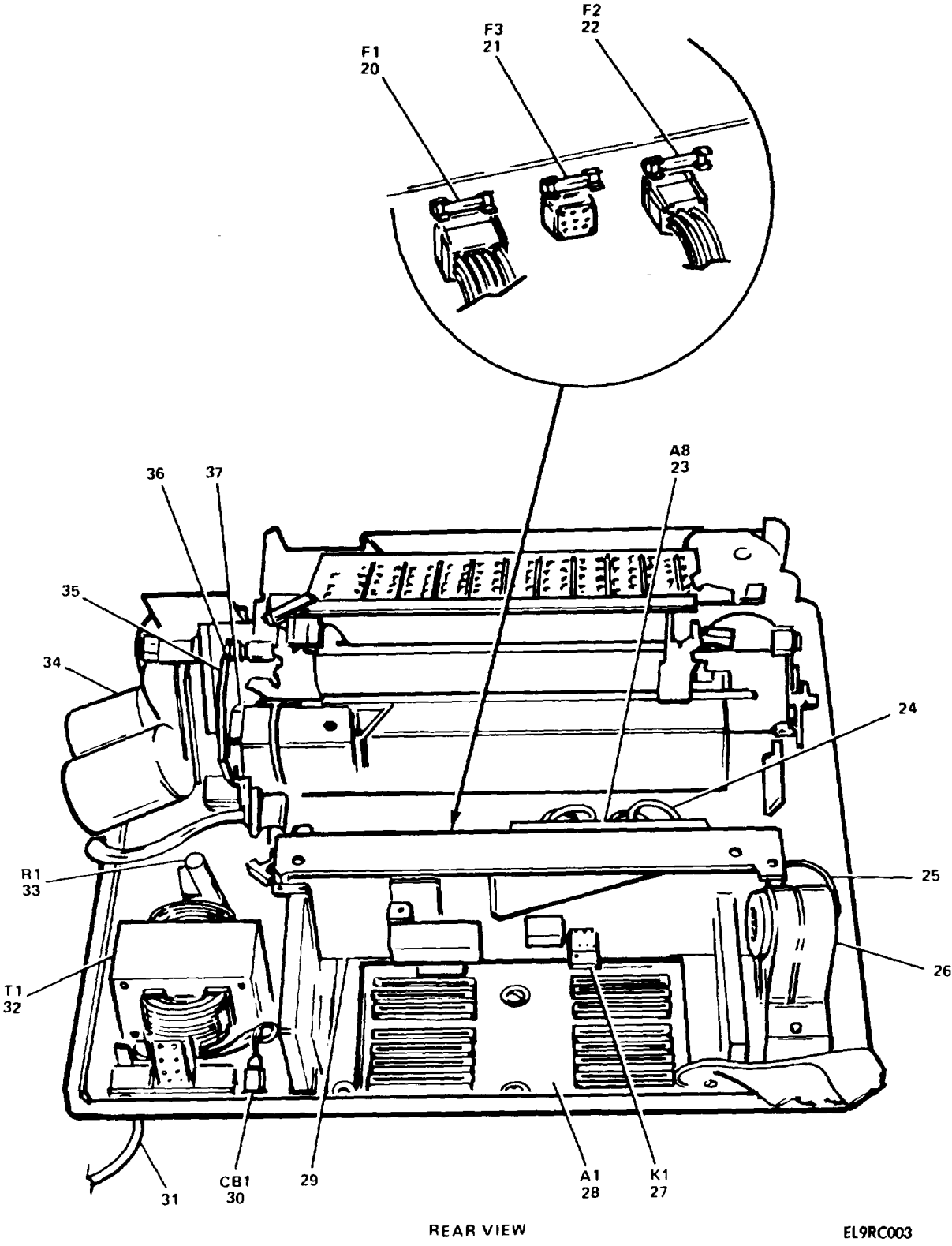| (1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 00 LINE PRINTER LP600 (DATA PRODUCTS)	
1	PAODD	19790	257301-001	CONTROL PANEL ASSEM 1	
2	PADZZ	19790	800931-005	SWITCH,TOGGLE 1	
3	PADZZ	19790	801746-001	SEMICONDUCTOR DEVIC...................................2	
4	PADDD	19790	263435-001	CIRCUIT CARD ASSEMB 1	
5	XBDZZ	19790	801767-001	SWITCH,PUSH...2	
6	XBDZZ	19790	801766-001	SEMICONDUCTOR DEVIC...................................1	
7	PADZZ	19790	801704-001	SWITCH,TOGGLE 1	
8	PADZZ	19790	801704-002	SWITCH,TOGGLE 1	
9	PADZZ	19790	801768-001	SWITCH,PUSH...2	
10	PAOZZ	19790	256440-001	CIRCUIT CARD ASSEMB 1	
11	PAOZZ	19790	248023-002	HAMMER BANK ASSEMBL 1	
12	PAODD	19790	251165-001	CIRCUIT CARD ASSEMB 2	
13	PAOZZ	19790	800316-060	FUSE,CARTRIDGE 1	
14	PAODD	19790	263040-001	PRINTED CIRCUIT BOA 1	
15	PAODD	19790	263080-001	PRINTED CIRCUIT BOA 1	
16	PAODD	19790	257315-001	CIRCUIT CARD ASSEMB 1	
17	PAODD	19790	257345-001	CIRCUIT CARD ASSEMB 1	
18	PAOZZ	19790	801702-001	FUSE,CARTRIDGE 1	
19	PAODD	19790	267295-001	CIRCUIT CARD ASSEMB 1	
20	PAOZZ	19790	800316-120	FUSE,CARTRIDGE 1	
21	PAOZZ	19790	800917-200	FUSE,CARTRIDGE 1	
22	PAOZZ	19790	800917-020	FUSE,CARTRIDGE 1	
23	PAOZZ	19790	263155-001	CAPACITOR ASSEMBLY...1	
24	PAOZZ	19790	263308-001	PWR SPLY HARN ASSY 1	
25	PAOZZ	19790	257632-003	CABLE,FAN MOTOR...1	
26	PAODD	19790	257633-001	FAN,CIRCULATING 1	
27	PAOZZ	19790	800795-301	COIL,ELECTRICAL 1	
28	PAOZZ	19790	251190-001	PRINTED CIRCUIT BOA 1	
29	PAOZZ	19790	251725-001	CIRCUIT CARD ASSEMB 1	
30	PAOZZ	19790	801732-004	CIRCUIT BREAKER 1	
31	PAOZZ	19790	267465-001	POWER CORD...1	
32	PAOZZ	19790	251704-007	PART KIT,TRANSFOR 1	
33	PAOZZ	19790	263052-001	RESISTOR,FIXED,WIRE 1	
34	PAOZZ	19790	251086-001	CAPACITOR ASSEMBLY...1	
35	XBOZZ	19790	251704-002	PARTS KIT. 1	
36	PAOZZ	19790	801669-001	BELT,POSITIVE DRIVE 1	
37	PAOZZ	19790	246200-004	MOTOR...1	

END OF FIGURE

CROSS- REFERENCE-INDEXES
NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
7025-01-093-9350	1	16			
7025-01-093-9352	1	29			
7025-01-093-9353	1	17			
7025-01-094-1059	1	12			
7025-01-094-4061	1	10			
7045-01-106-3531	1	32			
5930-01-113-5635	1	2			
5930-01-113-5710	1	8			
5930-01-113-5711	1	7			
5930-01-113-5717	1	9			
5925-01-113-6747	1	30			
5905-01-113-7673	1	33			
5961-01-114-0577	1	3			
6105-01-114-4290	1	37			
3030-01-114-4580	1	36			
4140-01-119-5219	1	26			
5920-01-119-8225	1	20			
5920-01-119-8226	1	22			
5920-01-119-8227	1	18			
5920-01-119-8228	1	13			
5920-01-119-8229	1	21			
5950-01-120-1169	1	27			
5999-01-149-2342	1	14			
5999-01-149-2343	1	15			
5999-01-149-2344	1	28			
5910-01-151-4083	1	23			
7025-01-153-8742	1	19			
7025-01-173-6041	1	11			
7050-01-173-6179	1	4			
5910-01-173-6220	1	34			
5895-01-196-0164	1	1			

CROSS- REFERENCE-INDEXES
NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
19790	246200-004		6105-01-114-4290	1	37
19790	248023-002		7025-01-173-6041	1	11
19790	251086-001		5910-01-173-6220	1	34
19790	251165-001		7025-01-094-1059	1	12
19790	251190-001		5999-01-149-2344	1	28
19790	251704-002			1	35
19790	251704-007		7045-01-106-3531	1	32
19790	251725-001		7025-01-093-9352	1	29
19790	256440-001		7025-01-094-4061	1	10
19790	257301-001		5895-01-196-0164	1	1
19790	257315-001		7025-01-093-9350	1	16
19790	257345-001		7025-01-093-9353	1	17
19790	257632-003			1	25
19790	257633-001		4140-01-119-5219	1	26
19790	263040-001		5999-01-149-2342	1	14
19790	263052-001		5905-01-113-7673	1	33
19790	263080-001		5999-01-149-2343	1	15
19790	263155-001		5910-01-151-4083	1	23
19790	263308-001			1	24
19790	263435-001		7050-01-173-6179	1	4
19790	267295-001		7025-01-153-8742	1	19
19790	267465-001			1	31
19790	800316-n60		5920-01-119-8228	1	13
19790	800316-120		5920-01-119-8225	1	20
19790	800795-301		5950-01-120-1169	1	27
19790	800917-020		5920-01-119-8226	1	22
19790	800917-200		5920-01-119-8229	1	21
19790	800931-005		5930-01-113-5635	1	2
19790	801669-061		3030-01-114-4580	1	36
19790	801702-001		5920-01-119-8227	1	18
19790	801704-001		5930-01-113-5711	1	7
19790	801704-002		5930-01-113-5710	1	8
19790	801732-004		5925-01-113-6747	1	30
19790	801746-001		5961-01-114-0577	1	3
19790	801766-001			1	6
19790	801767-001			1	5
19790	801768-001		5930-01-113-5717	1	9

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