

**TECHNICAL MANUAL**

**ORGANIZATIONAL MAINTENANCE REPAIR PARTS AND  
SPECIAL TOOLS LISTS**

**FOR**

**PRINTER, PROJECTION,  
PHOTOGRAPHIC EN-91 B  
(NSN 6740-00-935-2938)**

TECHNICAL MANUAL



NO. 11-6740-265-20P-1

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
Washington , DC, 21 September 1978

**ORGANIZATIONAL MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS  
FOR  
PRINTER, PROJECTION, PHOTOGRAPHIC EN-91B  
(NSN 6740-00-935-2938)**

**Current as of 15 June 1978**

**REPORTING OF ERRORS**

You can improve this manual by recommending improvements using DA Form 2028-2 located in the back of the manual. Simply tear out the self addressed form, fill it out as shown on the sample, fold it where shown, and drop it in the mail.

If there are no blank DA Forms 2028-2 in the back of your manual, use the standard DA Form 2028 (Recommended Changes to Publications and Blank Forms) and forward to the Commander, U S Army Communications and Electronics Materiel Readiness Command, ATTN: DRSEL-ME-MQ, Fort Monmouth, New Jersey 07703.

In either case a reply will be furnished direct to you.

**Table of Contents**

	Page	Illus Figure
SECTION I. INTRODUCTION .....	1	
II. REPAIR PARTS LIST .....	5	
Group 00 Printer, Projection, Photographic EN-91B .....	5	1
SECTION III. Special tools list (Not applicable)		
IV. National stock number and part number index .....	13	

\*This manual supersedes TM 11-6740-265-20P-1, 18 May 1977.

# SECTION I INTRODUCTION

## Scope

This manual lists spares and repair parts; special tools; special test, measurement, and diagnostic equipment(TMDE), and other special support equipment required for performance of organizational maintenance of the EN-91B. It authorizes the requisitioning and issue of spares and repair parts as indicated by the source and maintenance 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 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 numeric sequence, with the parts in each group listed in figure and item number sequence.

b. *Section III. Special Tools 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 numbers (NSN) appearing in the listings, 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

a. *Illustration.* This column is divided as follows:

(1) *Figure number.* Indicates the figure number of the illustration on which the item is shown.

(2) *item number.* The number used to identify item called out in the illustration.

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

(1) *Source code.* Source codes 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.
XD-A	support item that is not stocked. When required, item will be procured through normal supply channels.

## NOTE

Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XA and aircraft support items as restricted by AR 700-42.

(2) *Maintenance code.* Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

(a) The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position will indicate one of the following levels of maintenance:

Code	Application/Explanation
------	-------------------------

O-Support item is removed, replaced, used at the organizational level.

(b) The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). This position will contain one of the following maintenance codes:

Code	Application/Explanation
------	-------------------------

O-The lowest maintenance level capable of complete repair of the support item is the organizational level.

F-The lowest maintenance level capable of complete repair of the support item is the direct support level.

Z-Nonreparable. No repair is authorized.

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

Recoverability Codes	Definition
Z	Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.

F-Reparable item. When uneconomically reparable, condemn and dispose at the direct support level.

*c. National Stock Number.* Indicates the National stock number assigned to the item and will be used for requisitioning purposes.

*d. Part Number.* 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 a stock numbered item is requisitioned, the repair part received may have a different part number than the part being replaced.

*e. Federal Supply Code for Manufacturer (FSCM).* The FSCM is a 5-digit numeric code listed in SB 708-42 which is used to identify the manufacturer, distributor, or Government agency, etc.

*f. Description.* Indicates the Federal item name and, if required, a minimum description to identify the item.

*g. Unit of Measure (UIM).* Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea, in, pr, etc). When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.

*h. Quantity Incorporated in Unit.* Indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly. A "V" appearing in this column in lieu of a quantity indicates that no specific quantity is applicable, (e.g., shims, spacers, etc).

#### **4. Special Information**

*a.* The following publications pertain to the EN-91B and its components:

TM 11-6740-265-12, Printers, Projection Photographic

EN-91A and EN-91B

TM 11-6740-265-12-1, Printer, Projection, Photographic EN-91B

*b.* The illustrations in this manual are identical to those published in TM 11-6740-265-34P-1. Only those parts assigned the third position SMR maintenance code "C" or "O" are listed in the tabular listing; therefore, there may be a break in the item number sequence. Only illustrations containing organizational authorized items appear in this manual.

#### **5. How to Locate Repair Parts**

*a.* When National stock number or part number is unknown.

*(1) First.* Using the table of contents, determine the functional group within which the item belongs. This is necessary since illustrations are prepared for functional groups and listings are divided into the same groups.

*(2) Second.* Find the illustration covering the functional group to which the item belongs.

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

*(4) Fourth.* Using the Repair Parts Listing, find the figure and item number noted on the illustration.

*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. This index is in NIIN sequence followed by a list of part numbers in alphameric sequence, cross-referenced to the illustration figure number and item number.

*(2) Second.* After finding the figure and item number, locate the figure and item number in the repair parts list.

#### **6. Abbreviations**

Not applicable.

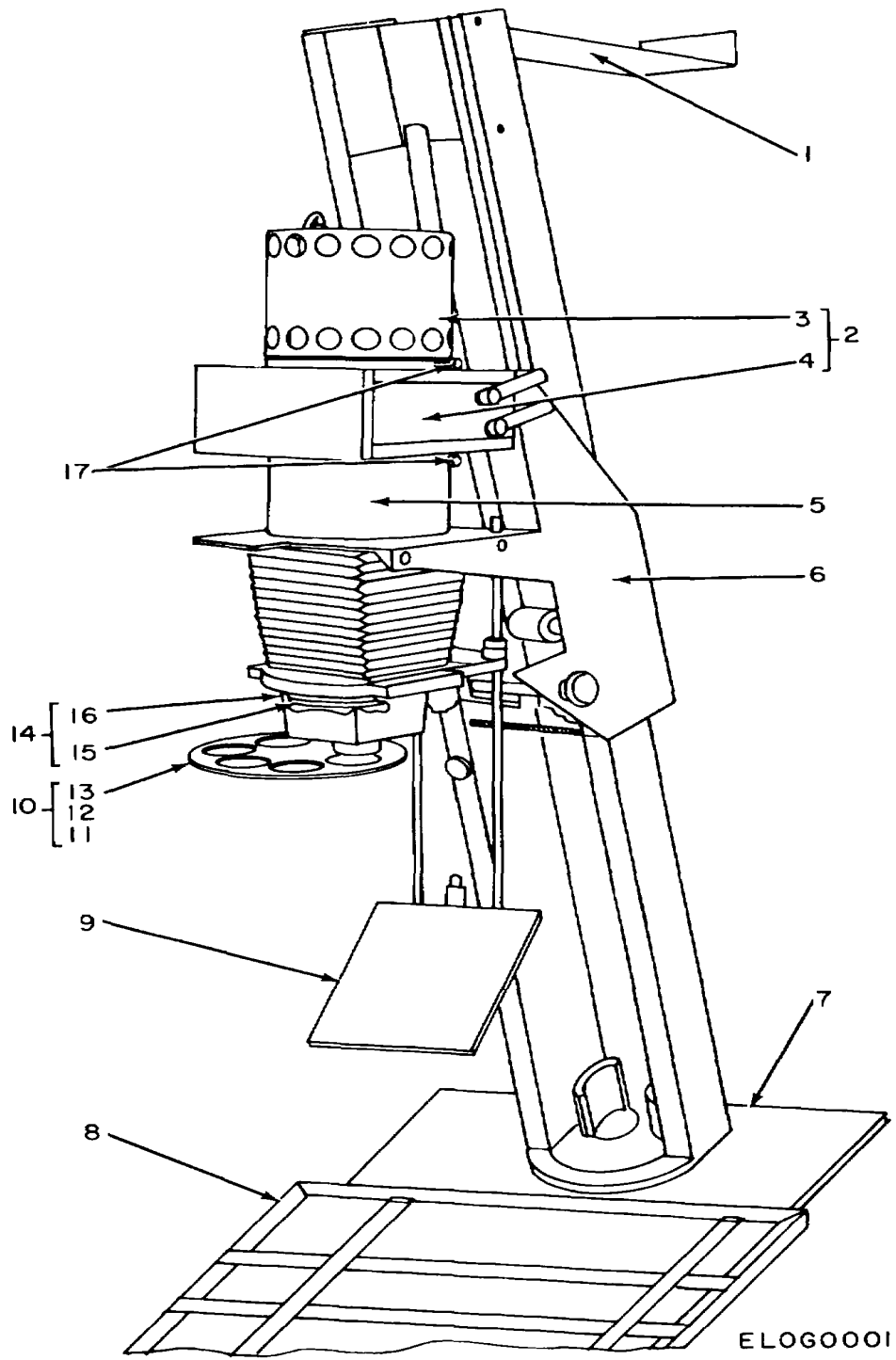


Figure 1. Printer, Projection, Photographic EN-91B.

SECTION II

TM11-6740-265-20P-1

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	U/M	QTY INC IN UNIT
1	2	XDOFF	6760-00-435-7794	2686	82205	HOUSING SUB ASSEMBLY .....	EA	1
1	3	XDOOF		12589	82205	HOUSING, LAMP .....	EA	1
1	4	XDOFF		12689	82205	VARIABLE CONDENSER HOUSING.....	EA	1
1	5	PAOFF		12885	82205	LENS CONDENSER ASSEMBLY .....	EA	1
1	1	XDOZZ		12722	82205	SCREW .....	EA	2
					<b>5</b>			

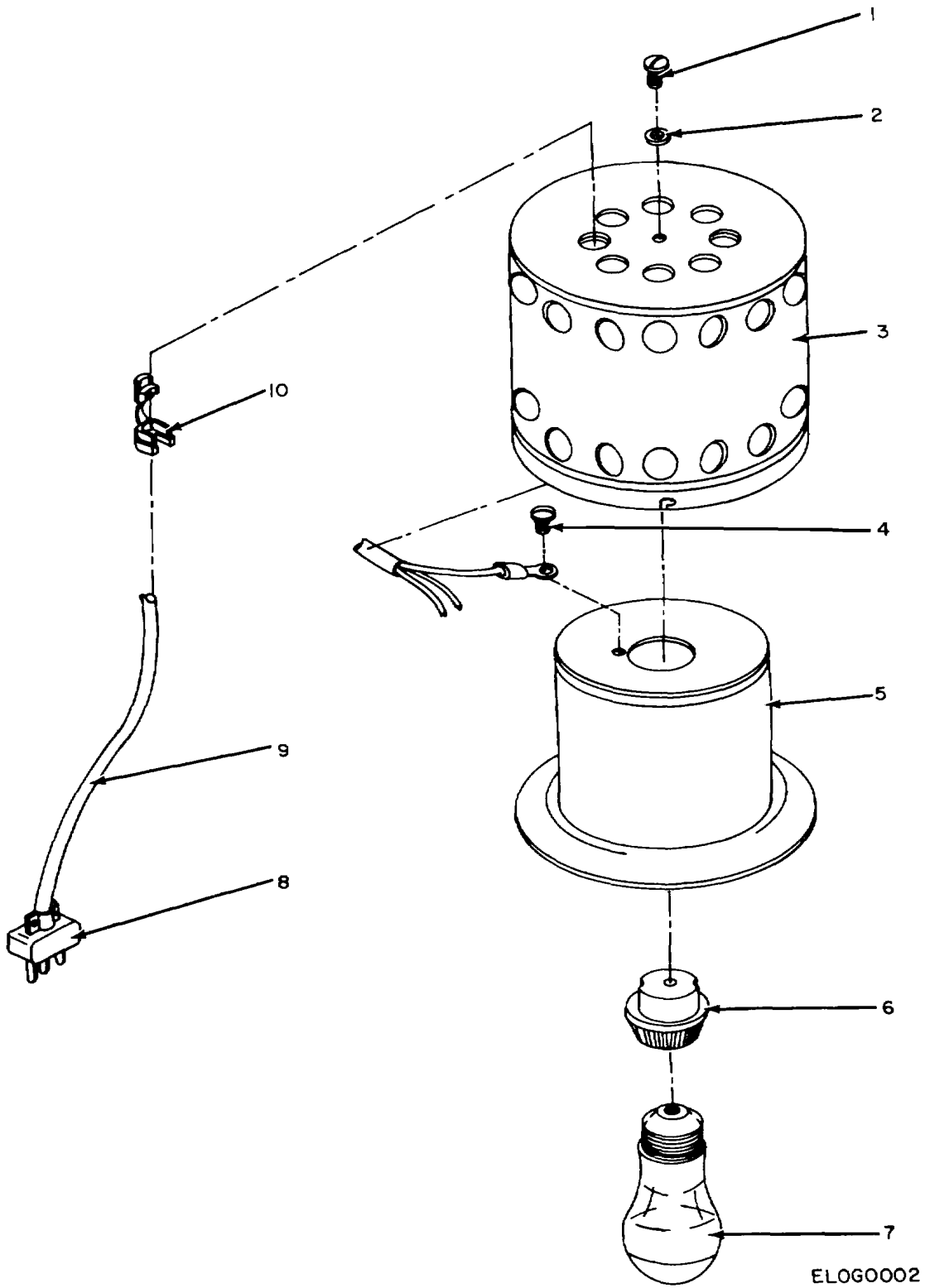


Figure 2. Printer, Projection, Photographic EN-91B, Lamp Housing Assembly.

SECTION II

TM11-6740-265-20P-1

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE	U/M	QTY INC IN UNIT
2	1	PAOZZ	5305-00-889-3001	MS35206-231	96906	SCREW .....	EA	1
2	2	PAOZZ	5310-00-540-8119	MS15795-305	76906	WASHER, FLAT .....	EA	1
2	3	XDOZZ		12256	82205	HOUSING ASSEMBLY.....	EA	1
2	4	PAOZZ	5305-00-052-9048	MS24630-33	96906	SCREW .....	EA	1
2	5	XDOZZ		12553	82205	HOUSING, INNER.....	EA	1
2	6	PAOZZ	6250-00-936-5458	8871-5	75582	LAMPHOLDER.....	EA	1
2	7	PAOZZ	6240-00-917-6916	212	24455	LAMP, INCANDESCENT.....	EA	1
2	8	PAOZZ	5935-00-636-7145	UP121M	97539	CONNECTOR, PLUG.....	EA	1
2	9	PAOZZ	6145-00-284-0579	18/3	81349	CABLE, POWER ELECTRICAL .....	FT	V
2	10	PAOZZ	5975-00-068-6767	SR6P3-4	28520	BUSHING .....	EA	1
					<b>7</b>			



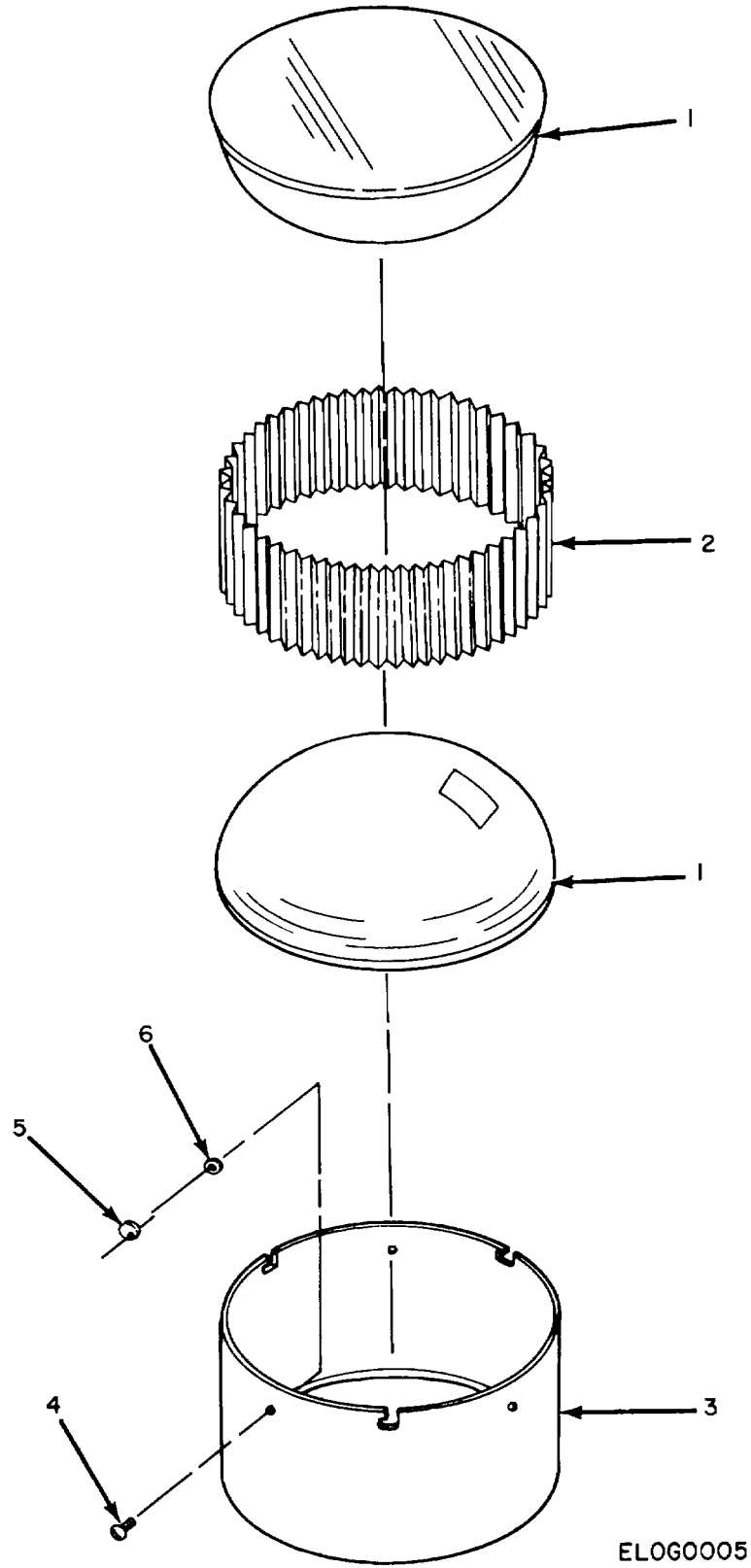
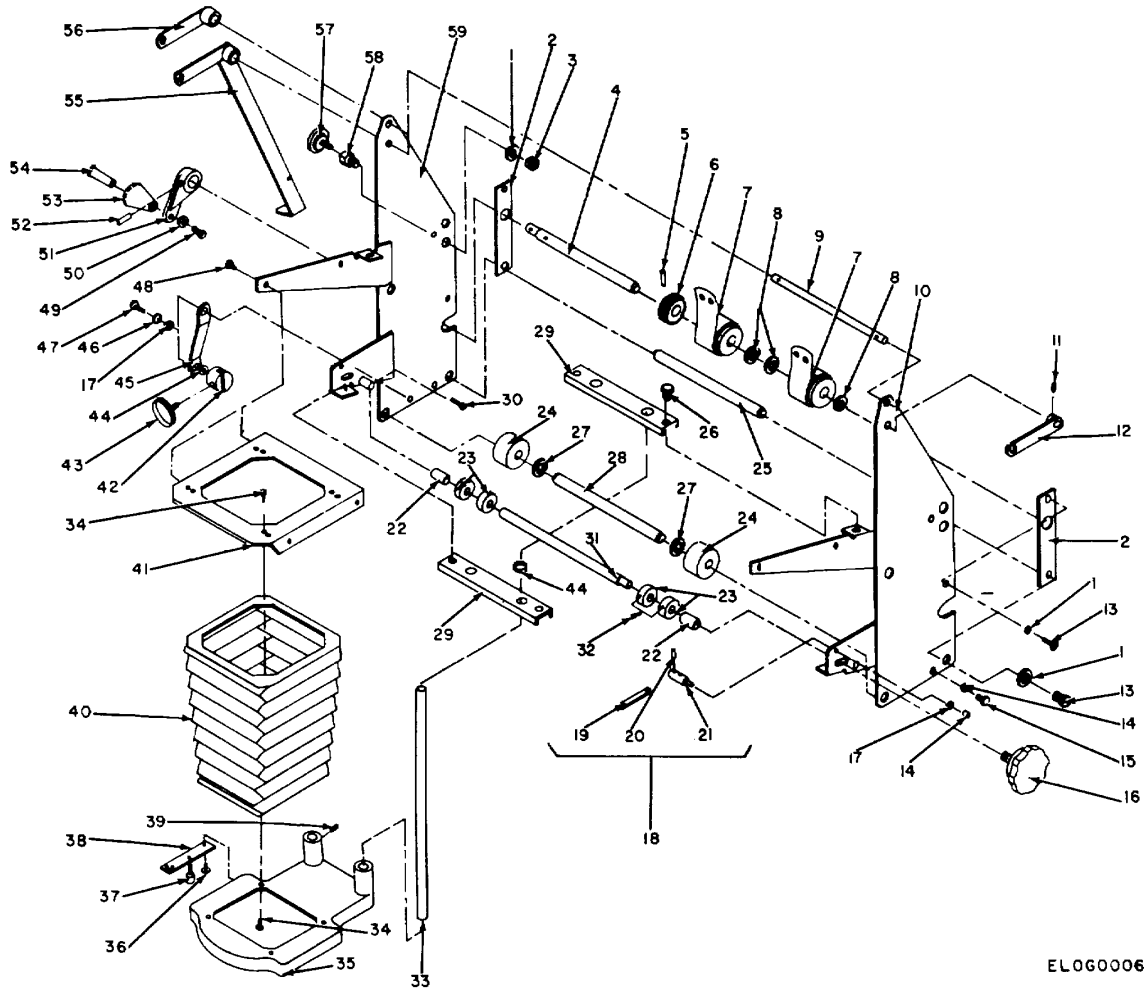


Figure 3. Printer, Projection, Photographic EN-91B, Condenser Lens Assembly.

SECTION II

TM11-6740-265-20P-1

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE	U/M	QTY INC IN UNIT
3	1	PAOZZ	6760-00-007-2410	12587	82205	CONDENSER LENS .....	EA	2
3	2	XDOZZ		12716	82205	SPACER, FIXED .....	EA	1
3	3	XDOZZ		12595	82205	HOUSING, CONDENSER .....	EA	1
3	4	PAOZZ	5305-00-054-5647	MS51957-13	82205	SCREW .....	EA	3
3	5	XDOZZ		12884	82205	ECCENTRIC.....	EA	3
3	6	PAOZZ	5310-00-058-3599	111MS35335-57	96906	LOCKWASHER .....	EA	3
					<b>9</b>			



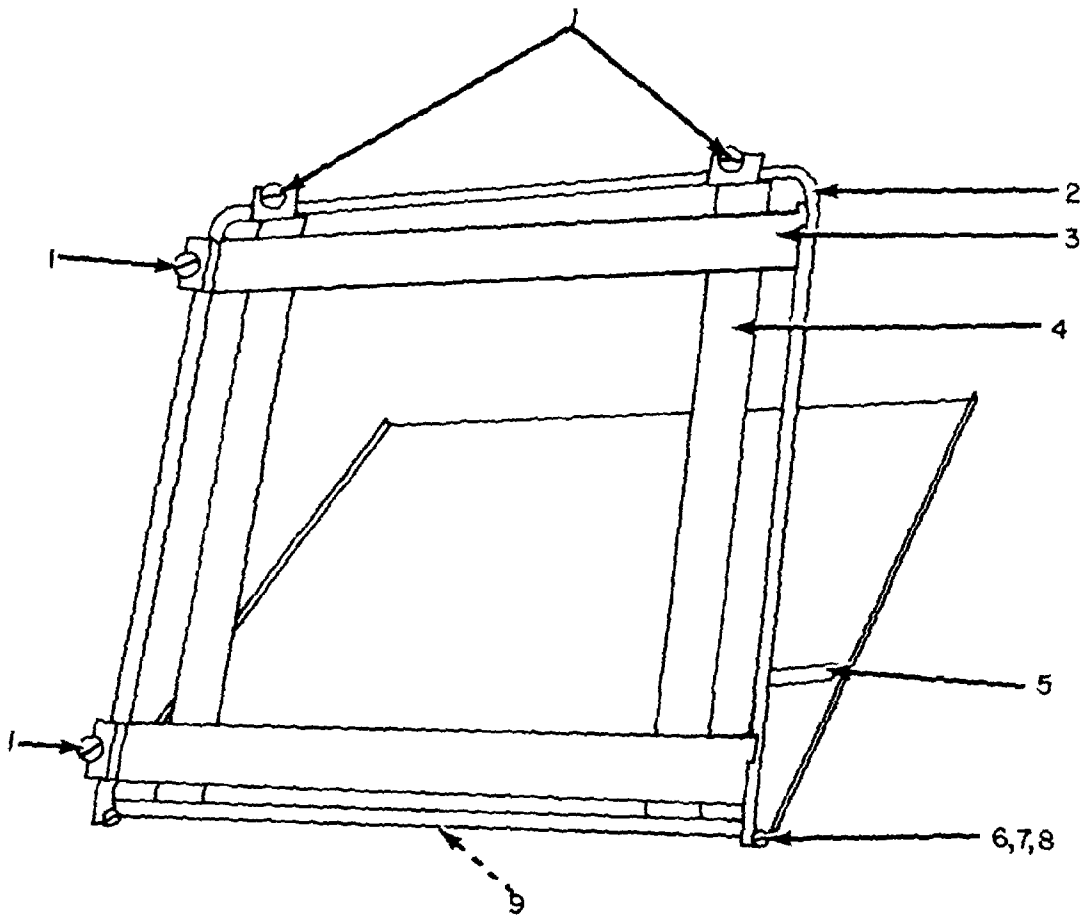
ELOG0006

Figure 4. Printer, Projection, Photographic EN-91B, Carriage Assembly.

SECTION II

TM11-6740-265-20P1

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE	U/M	QTY INC IN UNIT
4	16	PAOZZ	5355-00-935-3651	S310-3	75376	KNOB .....	EA	1
4	43	PAOZZ	5355-00-089-6035	12719	82205	KNOB .....	EA	1
4	49	PAOZZ	5305-00-984-6191	MS35206-243	96906	SCREW .....	EA	1
4	50	'PAOZZ	5310-869-4199	MS35338-156	96906	WASHER, SPLIT .....	EA	1
4	53	PAOZZ	5355-00-089-6036	260	80813	KNOB .....	EA	1
4	54	XDOZZ		12688	82205	STUD, HANDLE .....	EA	1
4	57	XDOZZ		12891	82205	KNOB .....	EA	1
					<b>11</b>			



ELOG0010

Figure 5. Printer, Projection, Photographic EN-91B, Easel.

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE	U/M	QTY INC IN UNIT
5	1	XDOZZ		S-801-15G	75367  12	KNOB .....	EA	4

SECTION IV

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

NOTE: LATEST NATIONAL STOCK NUMBER AND PART NUMBER ASSIGNMENTS ARE INCLUDED AT END OF INDEX

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5305-00-052-9048	2	4	6145-00-284-0579	2	9
5310-00-058-3599	3	6	6760-00-435-7794	1	5
5975-00-068-6767	2	10	5935-00-636-7145	2	8
6760-00-077-2410	3	1	5305-00-889-3001	2	1
5355-00-089-6035	4	43	5355-00-935-3651	4	16
5355-00-089-6036	4	53	6250-00-936-5458	2	6

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
MS15795-305	96906	2	2	12595	82205	3	2
MS24630-33	96906	2	4	12686	82205	1	2
				12688	82205	4	54
MS35206-231	96906	2	1	12689	82205	1	4
				12716	82205	3	3
MS35337-57	96906	3	6	12719	82205	4	43
				12722	80025	1	17
S-801-15G	75367	5	1	12884	82205	3	5
SR6P3-4	28520	2	10	12885	82205	1	5
S310-3	75376	4	16	12891	82205	4	57
UP121M	97539	2	8	18/3	81349	2	9
12256	82205	2	3	212	24455	2	7
12553	82205	2	5	260	80813	4	53
12587	82205	3	1	8871-5	75582	2	6
12589	82205	1	3				

LATEST NATIONAL STOCK NUMBER ASSIGNMENTS

STOCK NUMBER	FIGURE NO.	ITEM NO.
5305-00-054-5647	3	4
5310-00-869-4199	4	50
5305-00-984-6191	4	49
5310-00-540-8119	2	2
6240-00-917-6916	2	7

LATEST PART NUMBER ASSIGNMENTS

PART NUMBER	FSCM	FIG. NO.	ITEM NO.
MS35206-243	96906	4	49
MS35338-156	96906	4	50
MS51957-13	96906	3	4

By Order of the Secretary of the Army:

BERNARD W. ROGERS  
General, United States Army  
Chief of Staff

Official:

J.C. PENNINGTON  
Brigadier General, United States Army  
The Adjutant General

Distribution:

*Active Army:*

USAINSCOM (2)	Fort Carson (5)
COE (1)	Fort Gillem (10)
TSG (1)	Fort Gordon (10)
USAARENBD (1)	Fort Huachuca (10)
DARCOM (1)	Ft Richardson (CERCOM) (2)
TRADOC (2)	Army Dep (1) except
HISA (Ft Monmouth) (26)	LBAD (14)
OS Maj Comd (4)	SAAD (30)
TECOM (2)	TOAD (14)
USACC (4)	SHAD (3)
MDW(1)	Units org under fol TOE:
Armies (2)	29-207 (2)
Corps (2)	29-610 (2)
Svc Colleges (1)	5-52(1)
USASIGS (5)	5-112 (1)
USAADS (2)	8-650(1)
USAFAS (2)	11-38(1)
USAARMS (2)	11-95(1)
USAIS (2)	11-96 (1)
USAES (2)	11-97 (1)
USAICS(3)	11-117(1)
MAAG (1)	11-127(1)
USARMIS(1)	11-500 (AA-AC) (1)
USAERDAA (1)	19-500( 1)
USAERDAW (1)	29-134 {1}
USA Dep (1)	29-136 (1)
Sig Sec USA Dep (1)	

NG: None

USAR: None

For explanation of abbreviations used see, AR 310-50





**PIN NO: 014999**