

TECHNICAL MANUAL

ORGANIZATIONAL MAINTENANCE

REPAIR PARTS AND SPECIAL TOOLS LISTS

FOR

TEST AND REPAIR SYSTEM,

ELECTRONIC EQUIPMENT

AN/MSM-105(V)1

HEADQUARTERS, DEPARTMENT OF THE ARMY

18 AUGUST 1983



**ORGANIZATIONAL MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LISTS
FOR
TEST AND REPAIR SYSTEM,
ELECTRONIC EQUIPMENT
AN/MSM-105(V)1**

Current as of 11 February 1983

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

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SECTION I

INTRODUCTION

1. 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 AN/MSM-105(V)1. 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 re 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 sequences

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 alphanumeric 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:

<i>Code</i>	<i>Definition</i>
PD -	Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional

<i>Code</i>	<i>Definition</i>
	initial issues or outfittings. Not subject to automatic replenishment.
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.

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 item 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:

<i>Code</i>	<i>Application/Explanation</i>
O -	Support item is removed, replaced, used at the organizational level

(b) The maintenance code entered in the fourth positions 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:

<i>Code</i>	<i>Application/Explanation</i>
F -	The lowest maintenance level capable of complete repair of the support item is the direct support level
H -	The lowest maintenance level capable of complete repair of the support item is the general support level
D -	The lowest maintenance level capable of complete repair of the support item is the depot 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:

<i>Recoverability codes</i>	<i>Definition</i>
Z - Nonreparable item.	When unserviceable, condemn and dispose at the level indicated in position 3.
F - Repairable item.	When uneconomically repairable, condemn and dispose at the direct support level
H - Repairable item.	When uneconomically repairable, condemn and dispose at the general support level
D - Repairable item.	When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level
	<i>c. National Stock Number.</i> Indicates the National stock number assigned to the item and will be used for requisitioning purposes.
	<i>d. Federal Supply Code for Manufacturer (FSCM).</i> The FSCM is a 5-digit numeric code listed in SB 708-41/42 which is used to identify the manufacture, distributor, or Government agency, etc.
	<i>e. Part Number.</i> 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 drawing 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.

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

g. Unit Of Measure (U/M). 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.

4. Special Information

a The following publication pertains to the AN/MSM-105(V)I and its components: TM 11-6625-3019-12, Test and Repair System, Electronic Equipment, AN/MSM-105(V)I1 (To be published).

b. 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, ATTN: DR-SEL-MM, Fort Monmouth, NJ 07703 for the part required to support your equipment.

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.

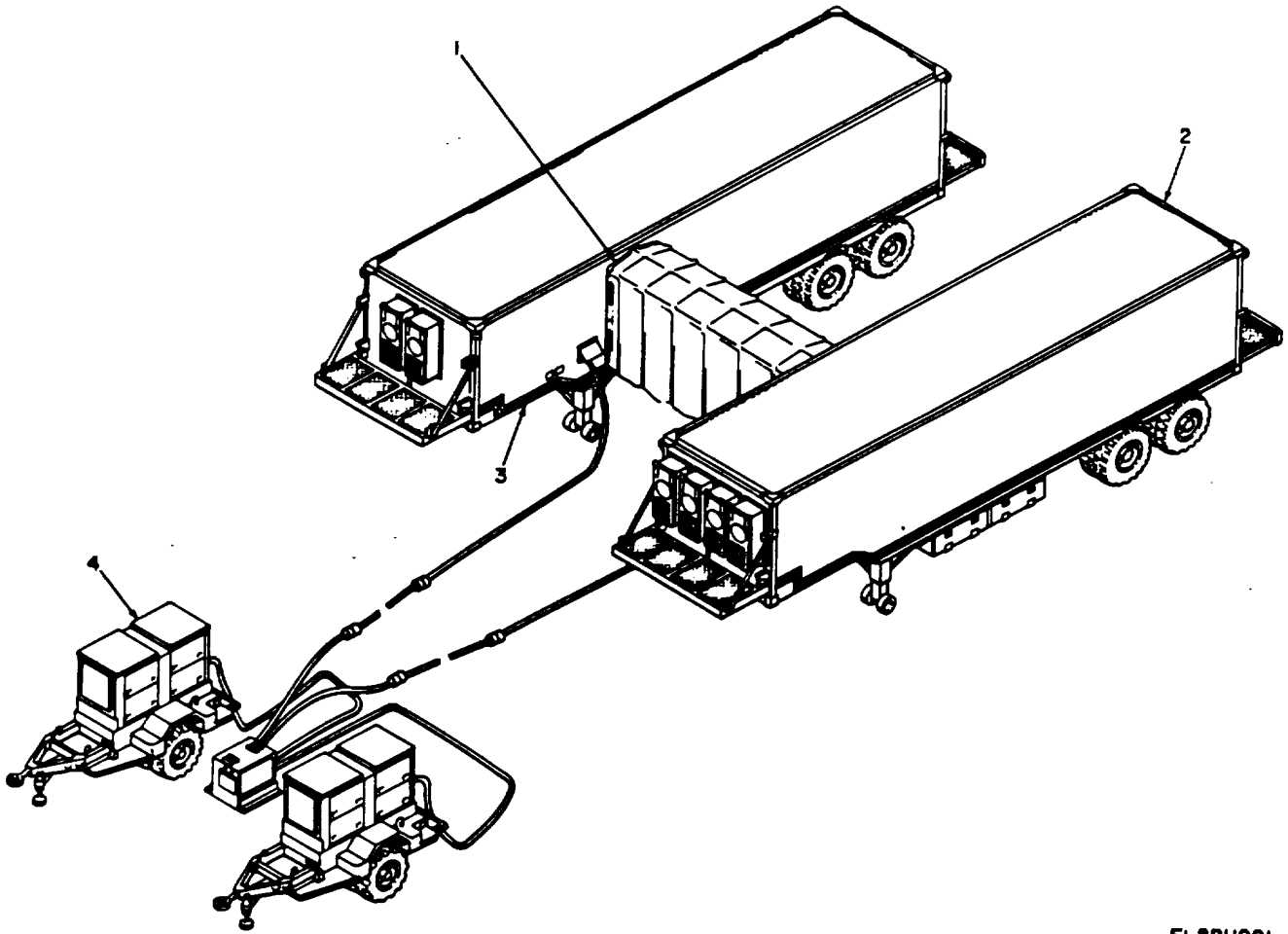
(1) *First.* Using the index of National Stock Numbers and Part Numbers, find the pertinent National stock number or part number. This index is in NIIN sequence followed by a list of part numbers in alphanumeric sequence, cross-referenced to the illustration figure number and item number.

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

6. Abbreviations

Not applicable.

(Next printed page is 4)



EL88U001

Figure 1. Test and Repair System AN/MSM-105(V)1.

SECTION II

TM 11-6625-3019-20P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION USABLE ON CODE	U/M	QTY INC IN UNIT
						GROUP 00 TEST AND REPAIR SSTEM ELECTRONIC EQIPMENT AN/MSM-105(V)1		
1	1	PDOFF		80063	SC-D-506827	PASSAGEWAY ASSY	EA	1
1	2	PDODD	6625-01-095-9312	80058	OQ-290(V)1/MSM	TEST FACILITY ELECT	EA	1
1	3	PDODD	6625-01-070-4404	80058	OA-8991/MSM	REPAIR FACILITY.ELE	EA	1
1	4	PDOHH	6115-00-257-1602	80058	AN/MJ0-I2A	POWER PLANT, ELECTRI.....	EA	1

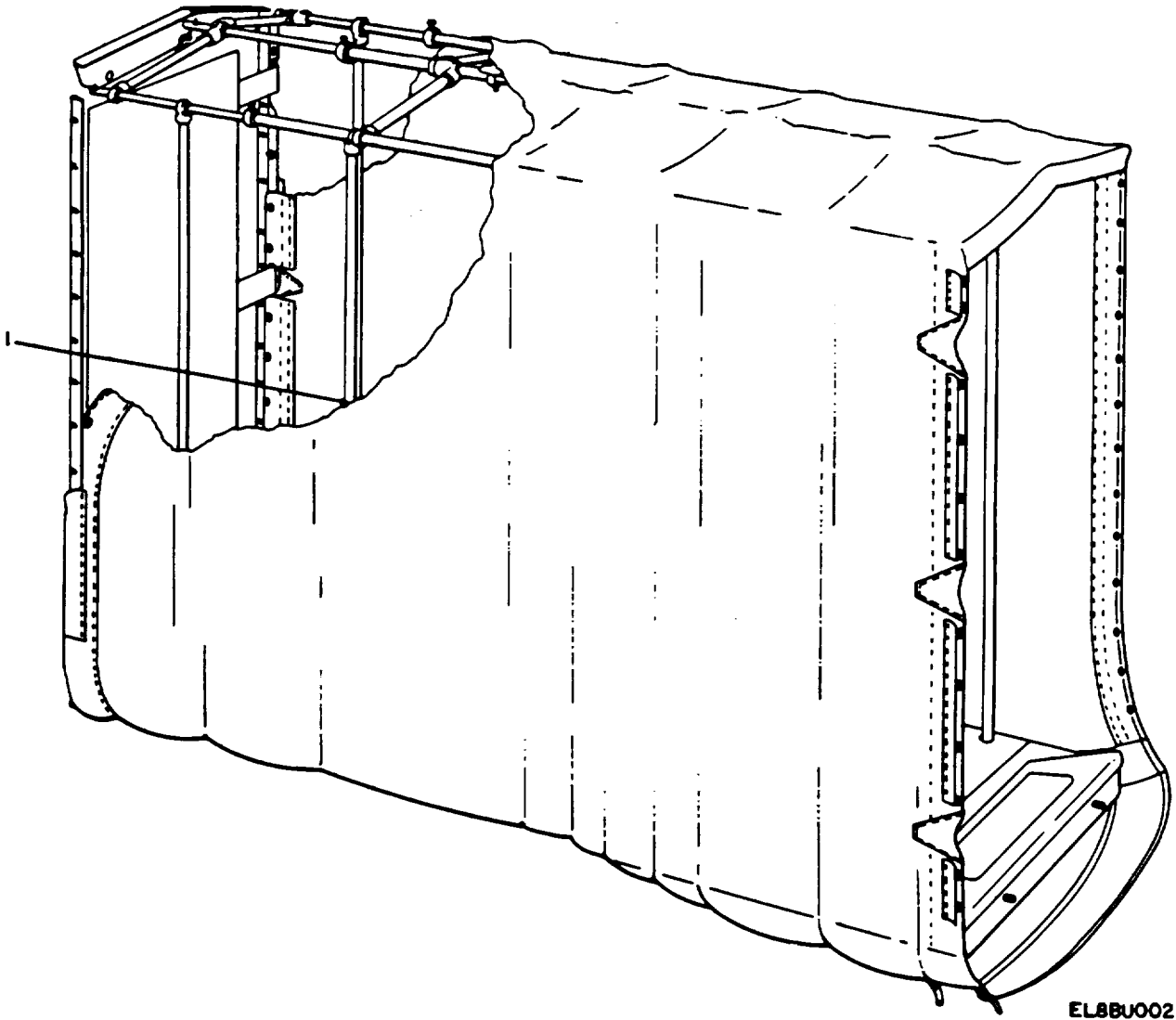
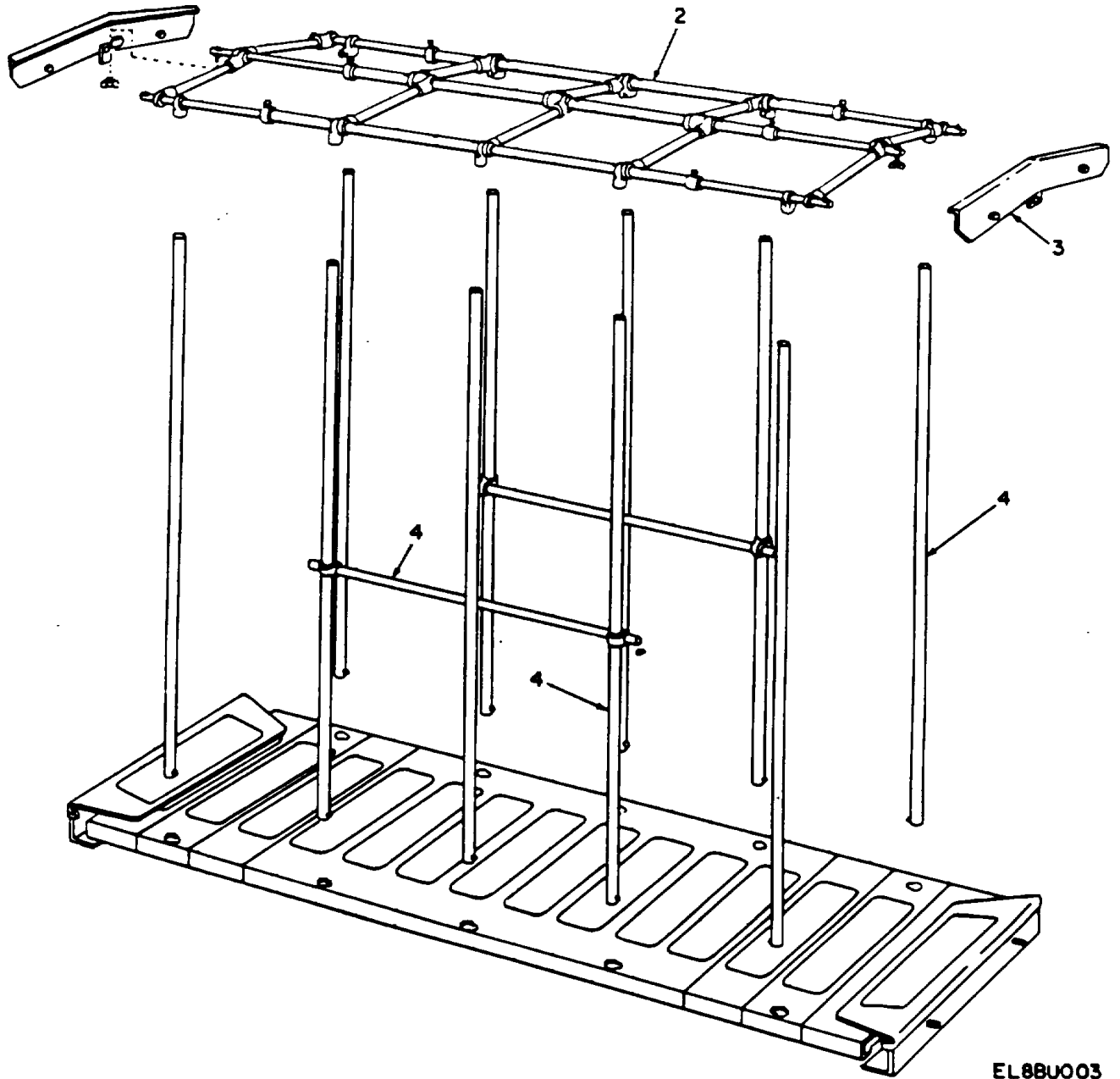
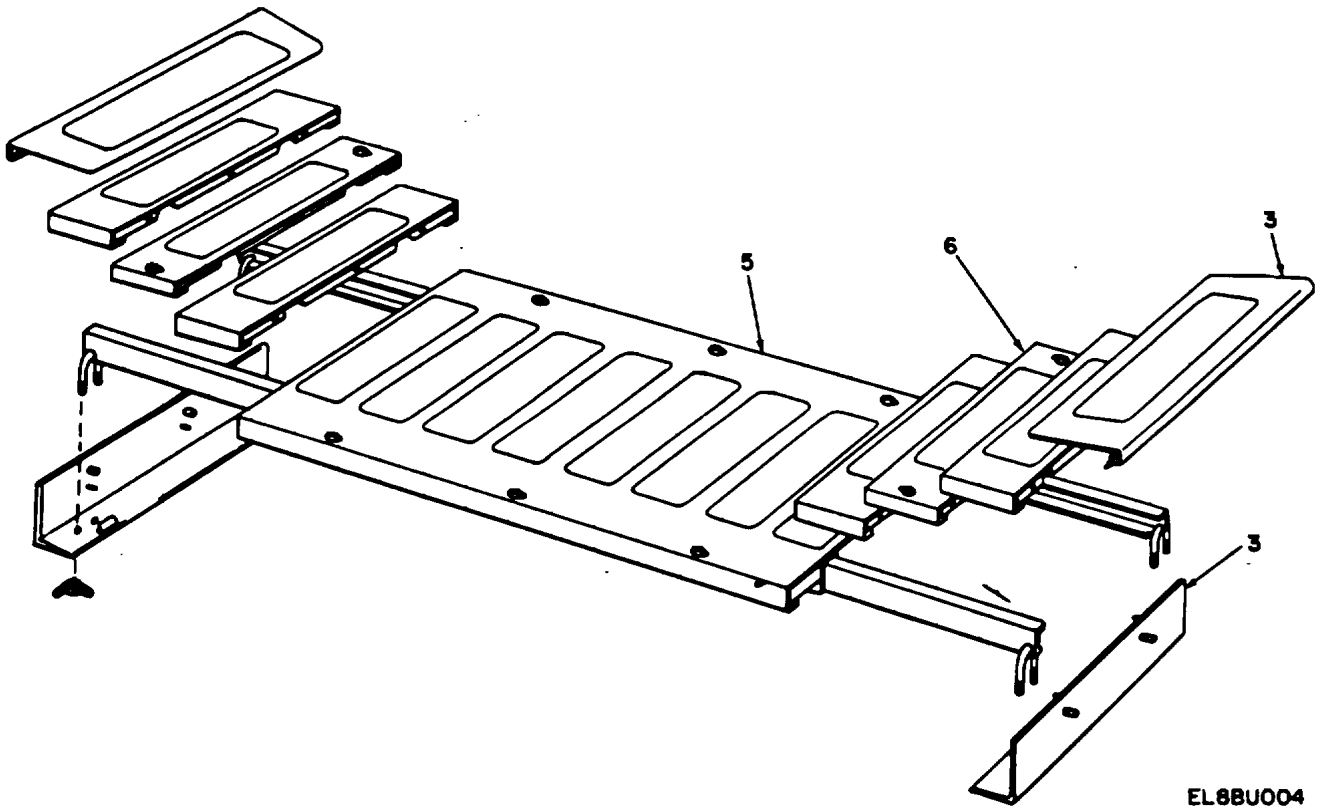


Figure 2. Passageway Assembly (Sheet 1 of 3).



EL8BU003

Figure 2. Passageway Assembly (Sheet 2 of 3).



EL8BU004

Figure 2. Passageway Assembly (Sheet 3 of 3).

SECTION II

TM 11-6625-3019-20P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION USABLE ON CODE	U/M	QTY INC IN UNIT
GROUP 01 PASSAGEWAY ASSEMBLY								
2	1	KFOZZ		80063	SM-B-377677	INSTALLATION KIT	EA	1
2	2	KFOZZ	5805-00-034-0970	80063	SM-B-377679	INSTALLATION KIT	EA	1
2	3	KFOZZ		80063	SM-B-377680	INSTALLATION KIT	EA	1
2	4	KFOZZ		80063	SM-B-377681	INSTALLATION KIT	EA	1
2	6	KFOZH	5805-00-034-0967	80063	SM-D-377683	PLATFORM	EA	1
2	6	KFOZZ	5805-00-994-9126	80063	SM-B-377678	FLOOR ASSEMBLY KIT	EA	1

STOCK NUMBER	FIGURE NO.	ITEM NO.
5805-00-034-0967	2	5
5805-00-034-0970	2	2
6115-00-257-1602.	1	4
5805-00-994-9126	2	6
6625-01-070-4404	1	3
6625-01-095-9312	1	2

FSCM	PART NUMBER	FIGURE NO.	ITEM NO.
80058	AN/MJQ-12-A	1	4
80058	QA-8991/MSM	1	3
80058	OQ-290(V)1/MSM	1	2
80063	SC-D-506827	1	1
80063	SM-B-377677	2	1
80063	SM-B-377678	2	6
80063	SM-B-377679	2	2
80063	SM-B-377680	2	3
80063	SM-B-377681	2	4
80063	SM-D-377683	2	5

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