# TM 11-4940-246-24P-2

TECHNICAL MANUAL

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

# ELECTRONIC SHOP, SEMITRAILER MOUNTED AN/ASM-190A (NSN 4940-00-177-6835)

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HEADQUARTERS, DEPARTMENT OF THE ARMY
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TECHNICAL MANUAL
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DEPARTMENT OF THE ARMY
WASHINGTON, DC, *23 November 1978*

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# ELECTRONIC SHOP, SEMITRAILER MOUNTED AN/ASM-190A

## (NSN 4940-00-177-6835)

*Current as of 22 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 Form 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, US Army Communications and Electronics Materiel Readinees Command, ATTN: DRSEL-ME-MQ, Fort Monmouth, NJ 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 01 | Electronic Shop, Semitrailer Mounted AN/ASM-190A | 5 | 1-3 |
| 0101 | Semitrailer Van Facility M373A2 | 15 | 4-10 |
| 0102 | Vehicle Boarding Components | 45 | 11 |
| 0103 | Vestibule | 49 | 12,13 |
| 0104 | Air Ducts | 53 | 14 |
| 0105 | Storage Equipment | 57 | 15-22 |
| 0106 | Floor and Ceiling | 77 | 23 |
| 0107 | Air Conditioner | 79 | 24,25 |
| 0108 | Heaters | 85 | 26 |
| 0109 | Exhaust Fan | 87 | 27 |
| 0110 | Refrigerator | 91 | 28 |
| 0111 | Blackout Microswitch | 93 | 29 |
| 0112 | Lighting | 95 | 30 |
| 0113 | Power Connection Items | 97 | 31 |
| 0114 | Electrical Receptacles | 99 | 32 |
| 0115 | Power Entrance Box | 101 | 33 |
| 0116 | Signal Entrance Box | 103 | 34,35 |
| 0117 | Power Distribution Box | 109 | 36,37 |
| 0118 | Telephone Set TA312/PT (See TM 11-5805-201-20P and TM 11-5805-201-34P for parts) | | |
| SECTION III. | Special Tools List (Not applicable) | | |
| IV. | National Stuck Number and Part Number | | |
| Index | | 112 | |

# 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, direct support, and general support maintenance of the AN/USM-109A. 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 III. 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 Ill. 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.

F -Support item is removed, replaced, used at the direct support level.

H -Support item is removed, replaced, used at the general support 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*

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.

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.

H -Reparable item. When uneconomically reparable, condemn and dispose at the general support level.

A -Item requires special handling or condemnation procedures because of specific reasons (i.e., precious metal content, high dollar value, critical material or hazardous material). Refer to

| *Recoverability codes* | *Definition* |
|---|---|
| | appropriate manuals/directives for specific instructions. |

*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 (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. 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 AN/ASM-190A and its components:

TM 11-4940-246-14, Electronic Shop, Shelter Mounted AN/ASM-189A and AN/ASM-190A
TM 11-5805-201-12, Telephone Set TA-312/PT
TM 11-5805-201-20P, Telephone Set TA-312/PT
TM 11-5805-201-34P, Telephone Set TA-312/PT
TM 11-5805-201-35, Telephone Set TA-312/PT

*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 and Electronics Materiel Readiness Command, ATTN: DRSEL-MM, Fort Monmouth, 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 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.

**(Next printed page is 4.)**

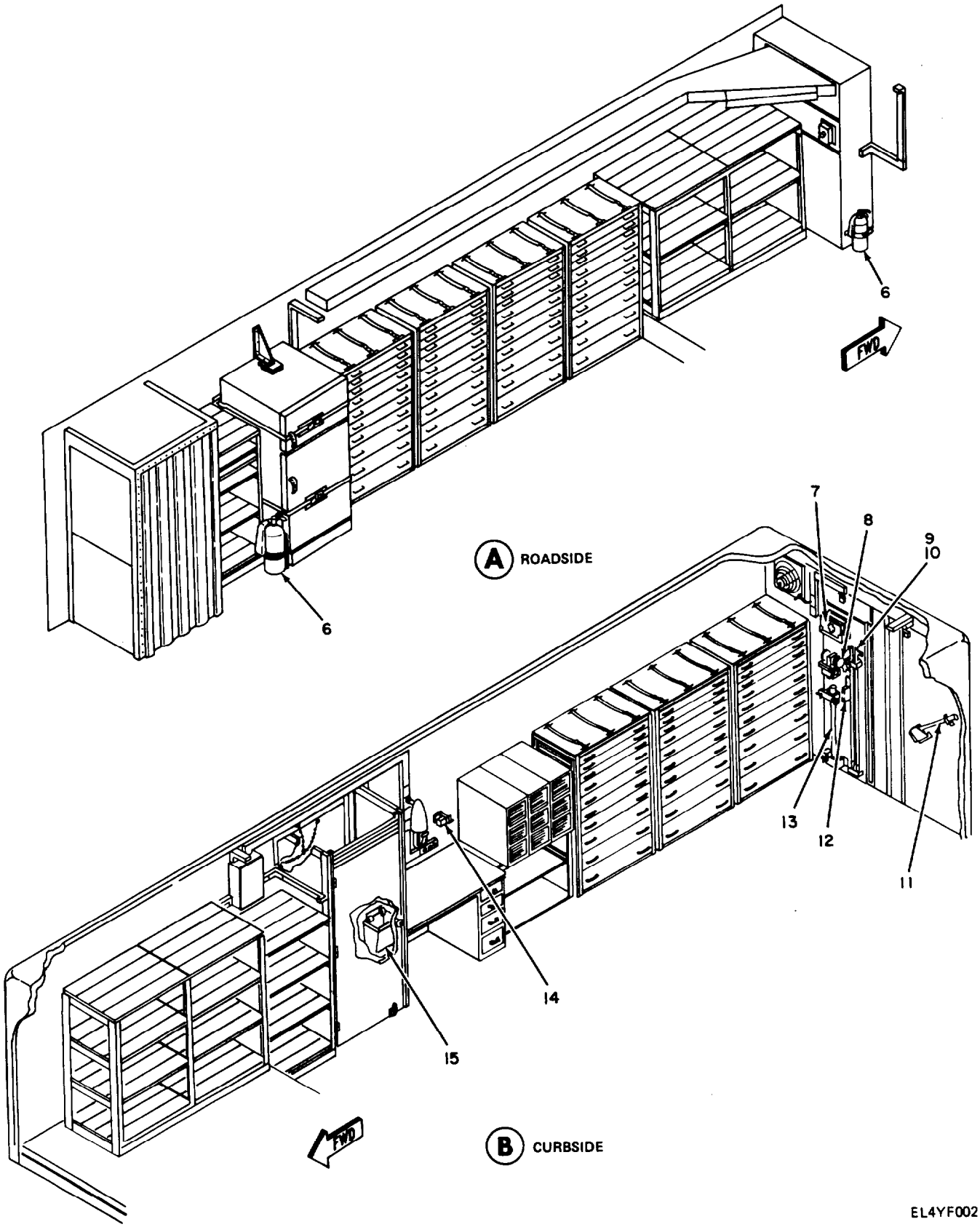


*Figure 1. Electronic Shop, Semitrailer Mounted AN/ASM-190A (Sheet 2 of 3).*