

OPERATOR'S, UNIT AND DIRECT SUPPORT
MAINTENANCE MANUAL

SATELLITE COMMUNICATIONS SET
AN/USC-28(V)
(NSN 5895-01-089-7518) (EIC: LAF)

DEPARTMENTS OF THE ARMY, THE NAVY, AND THE AIR FORCE

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DEPARTMENTS OF THE ARMY,
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Washington, DC, 1 May 1994

**Operator's, Unit and Direct Support Maintenance Manual
SATELLITE COMMUNICATIONS SET ANIUSC-28(V)
(NSN 5895-01-089-7518) (EIC: LAF)**

This series consists of nine manuals; each manual has a separate content. This manual contains appendixes A through F, the glossary and the index. TM 11-5895-808-13-1 contains chapters 1, 2 and 3. TM 11-5895-808-13-2 contains chapter 4. TM 11-5895-808-13-3 contains chapter 5. TM 11-5895-808-13-4 contains classified information. TM 11-5895-808-13-6 contains appendixes G and H, and TM 11-5895-808-13-7 contains appendixes I through K. TM 11-5895-808-13-9 contains chapters 6 through 10. The entire table of contents is in table 1.

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes, or if you know of a way to improve the 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 back of this manual direct to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: AMSEL-LC-LM-LT, Fort Monmouth, New Jersey 07703-5007.

For Air Force, submit AFTO Form 22 (Technical Order System Publication Improvement Report and Reply) in accordance with paragraph 6-5, Section VI, TO 00-5-1. Forward direct to prime ALC/MST.

For Navy, mail comments to the Commander, Space and Naval Warfare Systems Command, ATTN: SPAWAR 8122, Washington, DC 20363-5100.

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

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APPENDIX A

REFERENCES

This appendix contains a consolidated listing of all documents referenced in this series of manuals.

Document type	Identification number	Title
DA Pamphlet Air Force Publication Technical Manual	DA Pam 738-750 AFR 66-1 TM 750-244-2	The Army Maintenance Management System (TAMMS) Maintenance Reporting (no title) Procedures for Destruction of Electronics Materiel to Prevent Enemy Use (Electronic-Command)
Air Force Publication	AFTO FORM 22	Technical Order System Publication Improvement Report and Reply
Form	DA FORM 2028	Recommended Changes to Publications and Blank Forms
Form	DA FORM 2028-2	Recommended Changes to Equipment Technical Publications
Technical Order	TO-00-35D54	Unsatisfactory Equipment Reporting
Form	SF 361	Discrepancy in Shipment Report
Form	MCO 4610.19C	
Form	DLAR 4500.15	
Form	SF 368	Product Quality Deficiency Report
Form	SF 364	Report of Discrepancy (ROD)

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APPENDIX B

COMPONENTS OF END ITEM LIST

Section I. INTRODUCTION

B-1. Scope

This appendix lists integral components of and basic issue items for the AN/USC-28(V) to help you inventory items required for safe and efficient operation.

B-2. General

This Components of End Item List is divided into the following sections:

a. Section II *Integral Components of End Item.*

These items, when assembled, comprise the AN/USC-28(V) and must accompany it whenever it is transferred or turned in. The illustrations will help you identify these items.

b. Section III *Basic Issue Items.* These are the minimum essential items required to place the AN/USC-28(V) in operation, to operate it, and to perform emergency repairs. Although shipped separately packed they must accompany the AN/USC-28(V) during operation and whenever it is transferred between accountable officers. The illustrations will assist you with hard-to-identify items. This manual is your authority to requisition replacement BII, based on TOE/MTOE authorization of the end item.

B-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. *National Stock Number.* Indicates the National stock number assigned to the item and which will be used for requisitioning.

c. *Part Number.* Indicates the primary number used by the manufacturer, 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. Following the part number, the Federal

Supply Code for Manufacturers (FSCM) is shown in parentheses.

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

e. *Location.* The physical location of each item listed is given in this column. The lists are designed to inventory all items in one area of the major item before moving on to an adjacent area.

f. *Usable on Code.* "USABLE ON" codes are included to help you identify which component items are used on the different models. Identification of the codes used in these lists are:

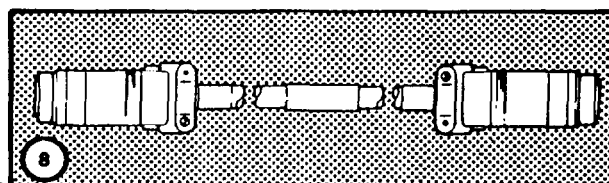
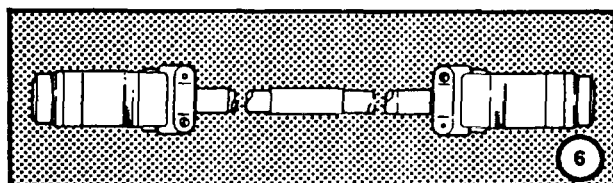
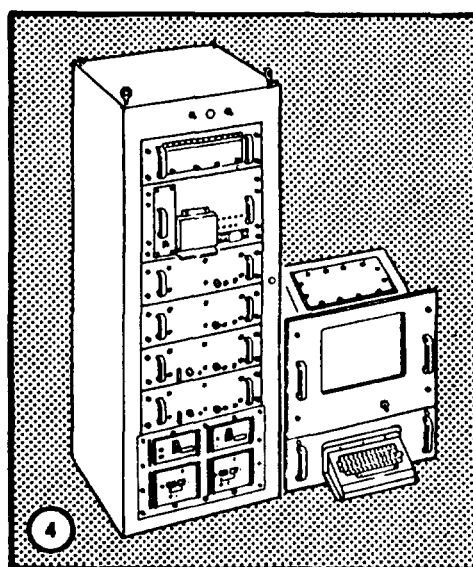
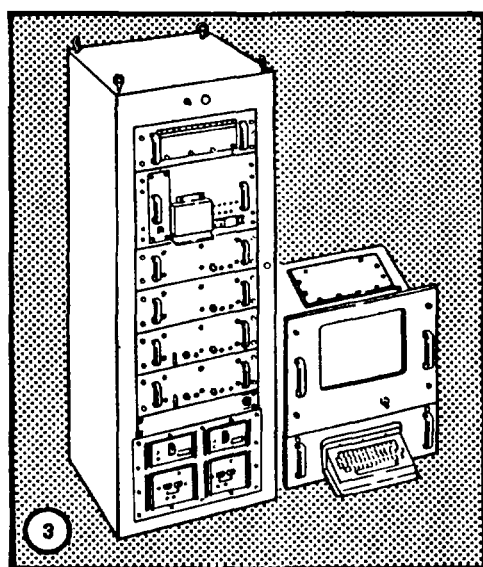
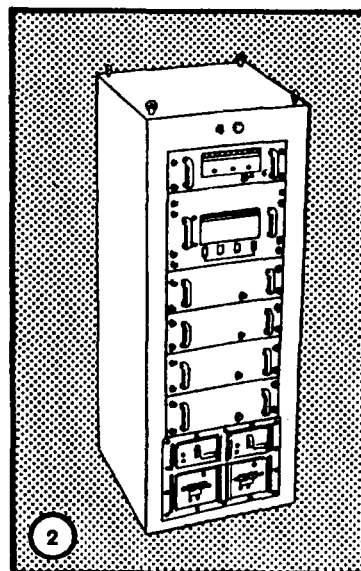
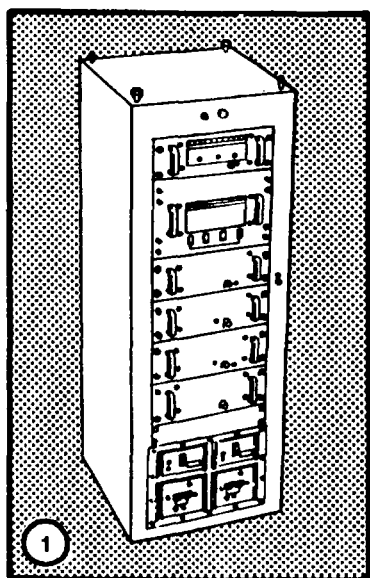
Code	Used On
DV8	AN/USC-28(V)1
DV9	AN/USC-28(V)2
DWA	AN/USC-28(V)3
DWB	AN/USC-28(V)4
DWC	AN/USC-28(V)5
DWD	AN/USC-28(V)6
DWE	AN/USC-28(V)7
DWF	AN/USC-28(V)8
DWG	AN/USC-28(V)9
DWH	AN/USC-28(V)10
DWJ	AN/USC-28(V)11
DWK	AN/USC-28(V)12
DWL	AN/USC-28(V)13
DWM	AN/USC-28(V)14
DWN	AN/USC-28(V)15
DWP	AN/USC-28(V)16
DWQ	AN/USC-28(V)17

g. *Quantity Required (Qty Reqd).* This column lists the quantity of each item required for a complete major item. When the entry in this column is "V" for a component of end item, the quantity required for your end item is as follows:

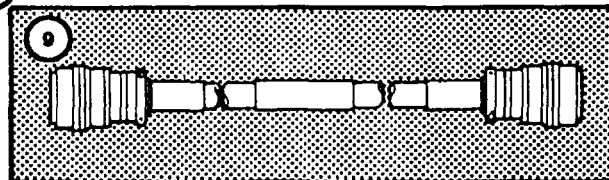
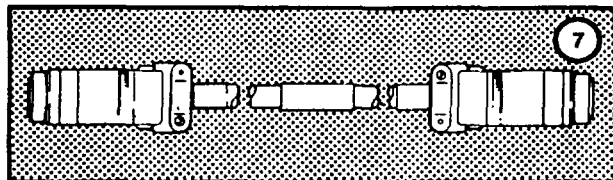
Usable On Code	Qty req
DV8	1
DV9	1
DVA	1

<i>Usable On Code</i>	<i>Qty rqr</i>
DWB	1
DWC	2
DWD	2
DWE	2
DWF	2
DWG	3
DWH	3
DWJ	3
DWK	3
DWL	4
DWM	4
DWN	4
DWP	4
DWQ	1

h. Quantity. This column is left blank for use during an inventory. Under the Rcvd column, list the quantity you actually receive on your major item. The Date columns are for your use when you inventory the major item at a later date; such as for shipment to another site



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