### TECHNICAL MANUAL

OPERATOR'S, ORGANIZATIONAL, DIRECT
SUPPORT, AND GENERAL SUPPORT
MAINTENANCE REPAIR PARTS AND SPECIAL
TOOLS LIST (INCLUDING DE POT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS)
FOR
SHELTER, ELECTRICAL EQUIPMENT
S-280C/G

(NSN 5411-01-092-0892)

TECHNICAL MANUAL

No. 11-5410-213-14P-1

# OPERATOR'S, ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST (INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)

#### **FOR**

# SHELTER, ELECTRICAL EQUIPMENT S-280 C/G (NSN 5411-01-092-0892)

Current as of 9 September 1981

#### 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, ATTN: DRSEL-ME-MQ, Fort Monmouth, NJ 07703.

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 operator's, organizational, direct support, and general support maintenance of the S-280C/G. 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.

Code Definition

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.
- c. *National Stock Number*. Indicates the National stock number assigned to the item and will be used for requisitioning purposes.
- d. Federal Supply Code for Manufacturer (FSCM). The FSCM is a 5-digit numeric code listed in SB 708-41/42 which is used to identify the manufacturer, distributor, or Government agency, etc.
- e. 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.

- f. Description. Indicates the Federal item name and, if required, a minimum description to identify the item.
- g. Unit of Measure (UAW. 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 publication pertains to the S280C/G and its components:

TM 11-5410-213-14P, Shelters, Electrical Equipment S-280A/G and S-280B/G.

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, 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 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.

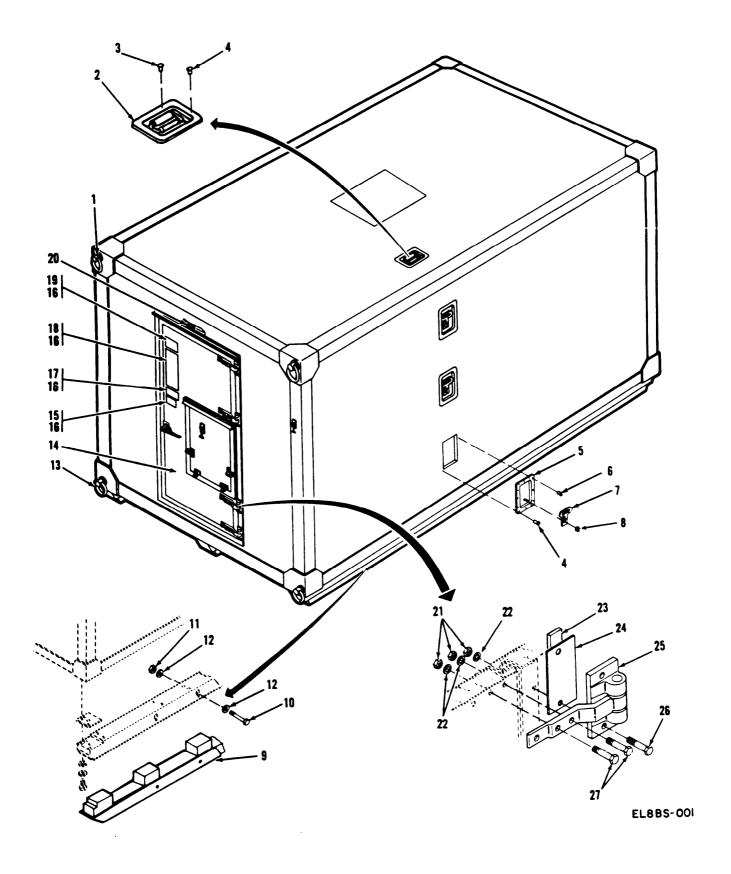
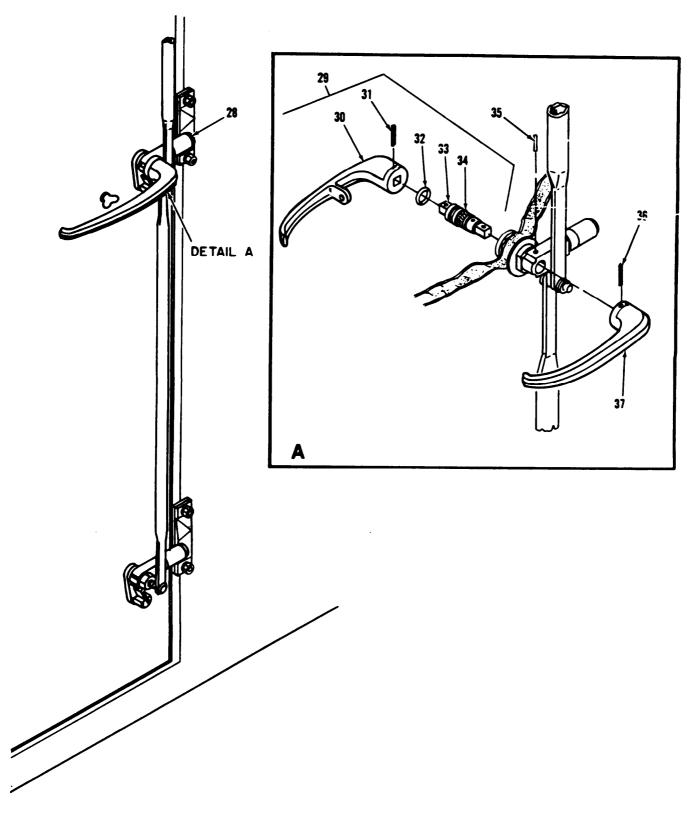


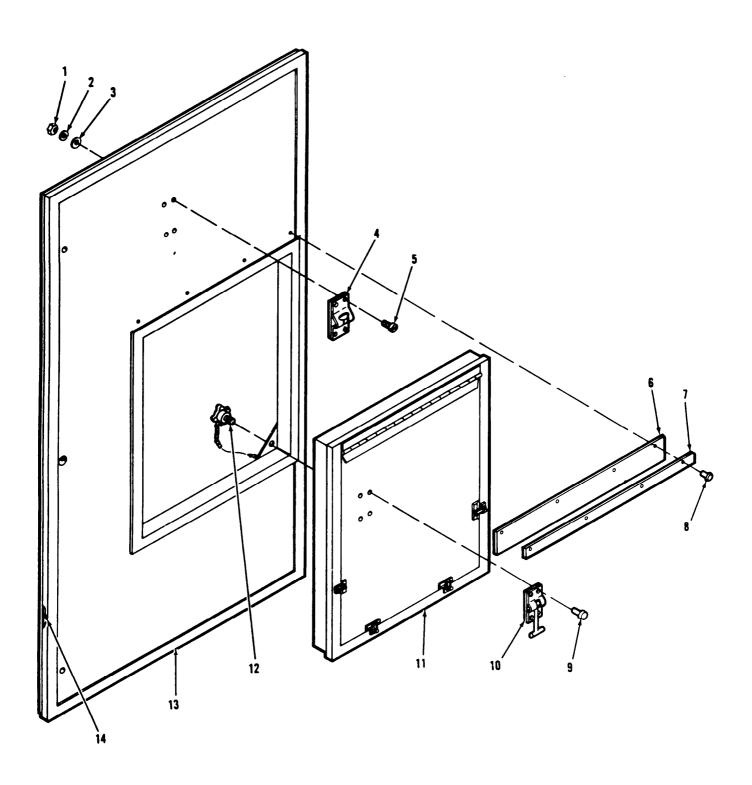
Figure 1. Shelter, Electrical Equipment S-280C/G (Sheet 1 of 2) 4.1



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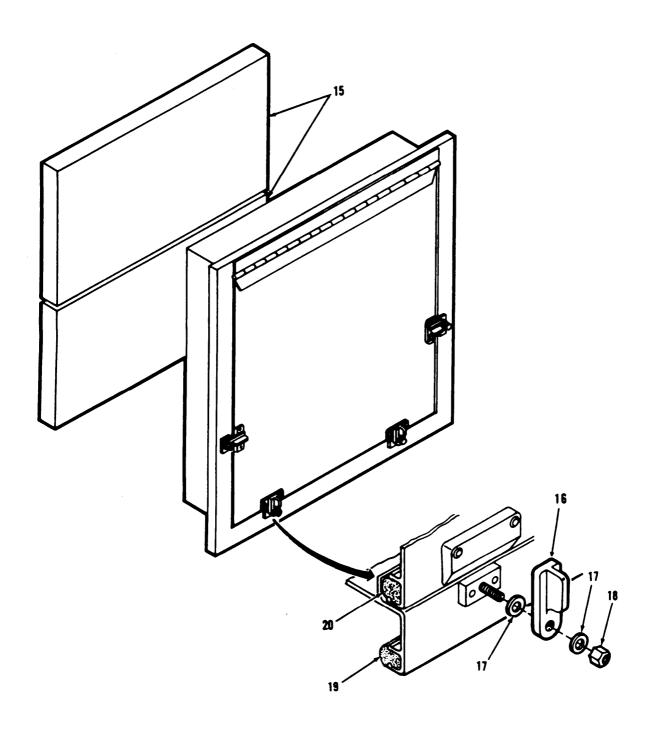
Figure 1. Shelter, Electrical Equipment S-280C/G (Sheet 2 of 2). 4. 2

SECTION (1)		(2)	(3)	TM11-5	410-213-14P-1 (5)	(6)		(7)	(8)
ILLUST (A) FIG	(B) ITEM	SMR	NATIONAL STOCK		PART	DESCRIPTION			QTY INC IN
NO	NO	CODE	NUMBER	FSCM	NUMBER	GROUP AA GUILLERD DE LOORDEGE DOUGLES	USABLE ON CODE	U/M	UNIT
						GROUP 00 SHELTER, ELECTRICAL EQUIPMENT S-280C/G			
1	1	XDFZZ		80063	SM-C-947176	LIFTING EYE ASSY		EA	4
1	2	PAHZZ	5410-00-933-0845	80063	SM-C-165382	HANDHOLD ASSEMBLY		EA	1
1	3	XDHFF		80063	SM-D-947080-1	RIVET, BLIND		EA	197
1	4	XDHFF		80063	SM-D-947080-4	RIVET, BLIND		EA	485
1	5	XDHHH		80063	SM-D-555567	PAN ASSY,STEP		EA	3
1	6	XDFZZ		80063	SM-D-947080-2	RIVET, BLIND		EA	119
1	7	PAFZZ	5410-00-919-4958	19220	1-575709-50	STEP, FOLDING		EA	1
1	8	PAFZZ	5310-00-139-7357	19220	15949	NUT, PLAIN, HEXAGON		EA	1
1	9	XDHHH		80063	SM-D-947171	SKID ASSY		EA	3
1	10	XDFZZ	5306-00-543-5578	96906	MS16208-68	BOLT, MACHINE		EA	18
1	11	XDFZZ		80063	SM-D-947080-18	NUT, HEX		EA	18
1	12	XDFZZ	5310-00-595-6057	96906	MS15795-815	WASHER, FLAT		EA	36
1	13	XDFZZ		80063	SM-C-747147	TOWING EYE ASSY		EA	4
1	14	XDFHH		80063	SM-D-947166	DOOR ASSY		EA	1
1	15	XDFZZ		80063	SM-B-340031	PLATE, AIRBORNE INST		EA	1
1	16	XDFZZ		80063	SM-D-947080-8	RIVET, BLIND		EA	394
1	17	XDFZZ		80063	SM-B-947229	NAMEPLATE		EA	1
1	18	XDFZZ		80063	SM-C-165466	PLATE, TRANSP		EA	1
1	19	XDFZZ		80063	SM-B-947228	PLATE, DATA ACFT		EA	1
1	20	XDFZZ		80063	SC-D-595548	DOOR BRACE ASSY		EA	1
1	21	PAHZZ	5310-00-807-1469	96906	MS21042-5	NUT, SELF-LOCKING, EX		EA	20
1	22	PAHZZ	5310-00-802-4701	96906	MS15795-813	WASHER, FLAT		EA	32
1	23	XDHZZ		80063	SM-B-947146-1	SHIM		EA	V
1	24	XDHZZ		80063	SM-B-162197	SHIP		EA	V
1	25	PAHZZ	5340-00-917-6104	80063	SM-C-317057	HINGE, SPECIAL		EA	4
1	26	PAHZZ	5306-00-182-1513	88044	AN5C-25A	BOLT, MACHINE		EA	12
1	27	PAHZZ		88044	AN5C-26A	BOLT, MACHINE		EA	8
1	28	РАННН	5340-00-794-4440	80063	SC-D-200140	DOOR LATCH INST		EA	1
1	29	XDHZZ	5340-00-794-4612	80063	SM-C-113597	HANDLE, DOOR		EA	1
1	10	XDHZZ		80063	SM-B-113596-2	HANDLE, MOD		EA	1
1	31	XDHZZ	5315-00-063-9016	96906	MS171657	PIN, SPRING		EA	1
1	32	XDHZZ	5330-00-248-3847	96906	MS29513-115	PACKING, PREFORMED		EA	1
1	33	XDHZZ		80063	SC-B-200155-1	LATCH HANDLE SHAFT		EA	1
1	34	XDHZZ	5330-00-248-3847	96906	MS29513-115	PACKING, PREFORMED		EA	1
1	35	XDHZZ	5315-00-062-5417	96906	MS35674-41	PIN, GROOVED, HEADLES		EA	1
1	36	XDHZZ	5315-00-846-8337	96906	MS171659	PIN, SPRING		EA	1
1	37	XDHZZ	5340-00-794-4610	80063	SM-B-113596-1	HANDLE, DOOR		EA	1



EL885-003

Figure 2. Door Assembly (Sheet 1 of 2).



EL885-004

Figure 2. Door Assembly (Sheet 2 of 2).

	SECTION (1) ILLUSTRA (A)	ATION (B)	(2)	(3) NATIONAL	TM11-54	410-213-14P-1 (5)	(6) DESCRIPTION	(7)	(8) QTY INC
	FIG NO	ITEM NO	SMR CODE	STOCK NUMBER	FSCM	PART NUMBER	USABLE ON CODE	U/M	IN UNIT
							GROUP 01 DOOR ASSEMBLY		
:	2	1	PAHZZ	5310-00-934-9758	96906	MS35649-202	NUT, PLAIN, HEXAGON	EA	4
:	2	2	PAHZZ	5310-00-045-3296	96906	MS35338-43	WASHER, LOCK	EA	4
:	2	3	PAHZZ	5310-00-809-8546	96906	MS27183-8	WASHER, FLAT	EA	4
:	2	4	PAHZZ	5340-00-493-9235	80063	SM-B-555598-2	STRIKE, CATCH	EA	1
:	2	5	PAHZZ	5305-00-984-7364	96906	MS35206-273	SCREW, MACHINE	EA	4
:	2	6	PAHZZ	9320-00-134-9663	80063	SM-B-555572-6	STRIP, RUBBER	EA	1
:	2	7	XDHZZ		80063	SM-B-450465	STRIP,DRIP CAP	EA	1
:	2	8	PAHZZ		80205	NAS1398D6-3	RIVET, BLIND	EA	17
:	2	9	PAHZZ		80205	NAS139806-5	RIVET, BLIND	EA	4
:	2	10	XDHZZ	5340-00-928-8999	80063	SM-B-555598-1	LATCH, RIM	EA	1
:	2	11	XDHZZ		80063	SM-D-450462	PANEL ASSY, EMER	EA	1
:	2	12	XDHZZ		80063	SM-C-450441	KNOB ASSY	EA	4
:	2	13	XDHZZ		80063	SM-D-947167	PANEL ASSY DOOR	EA	1
:	2	14	XDHZZ		80063	SM-D-947166-1	GASKET, SILICONE	EA	1
:	2	15	PAOZZ	9330-00-107-1165	80063	SM-C-450466	AIR FILTER	EA	2
:	2	16	XDHZZ	5340-00-118-0018	80063	SM-B-450447	LATCH, SPECIAL	EA	4
:	2	17	PAHZZ		80063	SM-D-450462-3	WASHER, FLAT NYLON	EA	4
:	2	18	XDHZZ		80063	SM-D-450462-4	NUT 1/4X20	EA	4
:	2	19	XDHZZ		80063	SM-D-450462-8	GASKET, SILICONE	EA	1
:	2	20	XDHZZ		80063	SM-D-450462-7	GASKET, SILICONE	EA	1

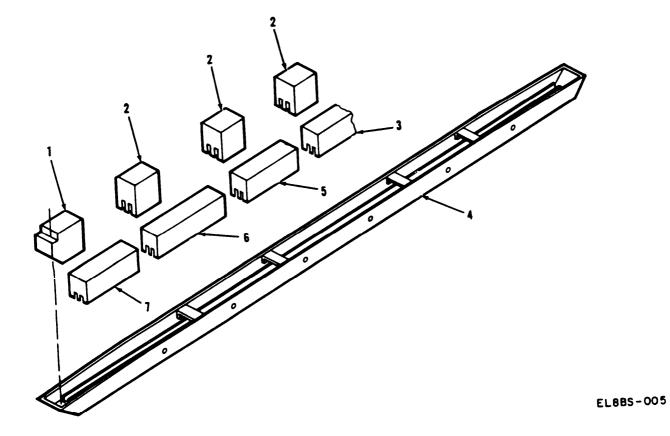


Figure 3. Skid Assembly.

SECTION (1) ILLUSTRA (A) FIG NO		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	TM11-54	#10-213-14P-1 (5) PART NUMBER	(6) DESCRIPTION	USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 02 SKID ASSEMBLY			
3	1	XDHZZ		80063	SM-C-947175	SHOCK MOUNT		EA	2
3	2	PAHZZ		80063	SM-C-555515-2	MOUNT, RESILIENT		EA	6
3	3	XDHZZ		80063	SM-B-162191-1	CORE		EA	1
3	4	XDHZZ		80063	SM-D-947172	SKID RUNNER		EA	1
3	5	XDHZZ		80063	SM-C-947174-2	CORE		EA	2
3	6	XDHZZ		80063	SM-C-947174-3	CORE		EA	2
3	7	XDHZZ		80063	SM-C-947174-1	CORE		EA	2

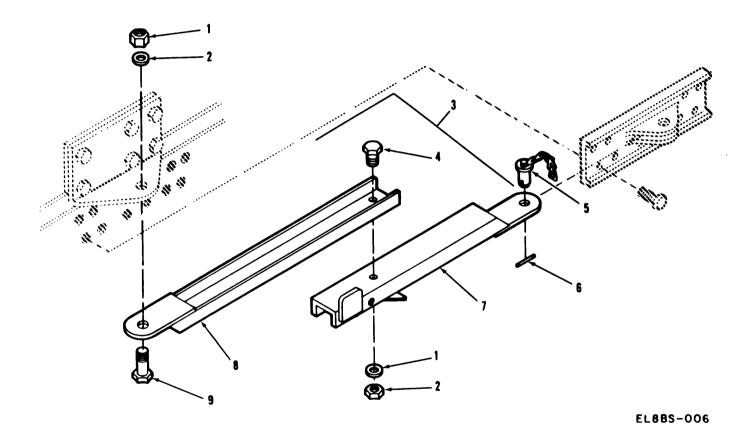


Figure 4. Door Brace Assembly.

SECTION (1) ILLUSTE		(2)	(3)	TM11-5	410-213-14P-1 (5)	(6) DESCRIPTION		(7)	(8) QTY
(A) FIG NO	(B) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION	USABLE ON CODE	U/M	INC IN UNIT
						GROUP 05 DOOR BRACE ASSEMBLY			
4	1	XDHZZ		80063	SC-D-595078-1	NUT, HEX LOCK		EA	2
4	2	XDHZZ	5310-00-080-6004	96906	MS27183-14	WASHER, FLAT		EA	2
4	3	PAFZZ	5410-00-007-5164	80063	SC-D-595078	DOOR BRACE ASSEMBLY		EA	1
4	4	PAFZZ	5306-00-139-7382	80063	SM-B-564727-1	BOLT, SHOULDER		EA	1
4	5	PAFZZ	4010-00-436-3300	80063	SM-B-340027	PIN AND CHAIN ASSY		EA	1
4	6	PAFZZ		96906	MS24665-285	PIN, COTTER		EA	1
4	7	XDHZZ		80063	SC-C-200157	BRACE ASSY, LOWER		EA	1
4	8	XDHZZ		80063	SC-C-200158	BRACE ASSY		EA	1
4	9	PAFZZ	5306-00-139-7381	80063	SM-B-564727-2	BOLT, SHOULDER		EA	1

SECTION IV	NATIONAL STOCK NUMBER AN	ID PART NU	JMBER INDEX	TM11-54	10-213-14P-1		
	FIGURE	ITEM		FIGURE	ITEM		
STOCK NUMBER	NO	NO	STOCK NUMBER	NO	NO		
5410-00-007-5164	4	3	5306-00-543-5578	1	10		
5310-00-045-3296	2	2	5310-00-595-6057	1	12		
5315-00-062-5417	1	35	5340-00-794-4440	1	28		
5315-00-062-5417	1	31	5340-00-794-4610	1	37		
5310-00-080-6004	4	2	5340-00-794-4612	1	29		
9330-00-107-1165	2	15	5310-00-794-4612	1	22		
5340-00-118-0018	2	16	5310-00-802-4701	1	21		
9320-00-118-0018	2	6	5310-00-807-1409	2	3		
5310-00-134-9663	1	8	5315-00-846-8337	1	36		
5306-00-139-7381	4	9	5340-00-917-6104	1	25		
5306-00-139-7381	4	4	5410-00-919-4958	1	7		
	1	26		2	10		
5306-00-182-1513 5330-00-248-3847	1	32	5340-00-928-8999 5410-00-933-0845	1	2		
5330-00-248-3847	1	34	5310-00-934-9758	2	1		
	4	5 ±		2	5		
4010-00-436-3300 5340-00-493-9235	2	4	5305-00-984-7364	2	5		
5340-00-493-9235	2	4					
		FIGURE	ITEM			FIGURE	ITEM
FSCM	PART NUMBER	NO	NO	FSCM	PART NUMBER	NO	NO
88044	AN5C-25A	1	26	80063	SM-B-564727-1	4	
88044	AN5C-26A	1	27	80063	SM-B-564727-2	4	9
96906	MS15795-813	1	22	80063	SM-B-947146-1	1	23
96906	MS15795-815	1	12	80063	SM-B-947228	1	19
96906	MS16208-68	1	10	80063	SM-B-947229	1	17
96906	MS171657	1	31	80063	SM-C-113597	1	29
96906	MS171659	1	36	80063	SM-C-165382	1	2
96906	MS21042-5	1	21	80063	SM-C-165466	1	18
96906	MS24665-285	4	6	80063	SM-C-317057	1	25
96906	MS27183-14	4	2	80063	SM-C-450441	2	12
96906	MS27183-8	2	3	80063	SM-C-450466	2	15
96906	MS29513-115	1	32	80063	SM-C-555515-2	3	2
96906	MS29513-115	1	34	80063	SM-C-747147	1	13
96906	MS35206-273	2	5	80063	SM-C-947174-1	3	7
96906	MS35338-43	2	2	80063	SM-C-947174-2	3	5
96906	MS35649-202	2	1	80063	SM-C-947174-3	3	6
96906	MS35674-41	1	35	80063	SM-C-947175	3	1
80205	NAS1398D6-3	2	8	80063	SM-C-947176	1	1
80205	NAS1398D6-5	2	9	80063	SM-D-450462	2	11
80063	SC-B-200155-1	1	33	80063	SM-D-450462-3	2	17
80063	SC-C-200157	4	7	80063	SM-D-450462-4	2	18
80063	SC-C-200158	4	8	80063	SM-D-450462-7	2	20
80063	SC-D-200140	1	28	80063	SM-D-450462-8	2	19
80063	SC-D-595078	4	3	80063	SM-D-555567	1	5
80063	SC-D-595078-1	4	1	80063	SM-D-947080-1	1	3
80063	SC-D-595548	1	20	80063	SM-D-947080-18	1	11
80063	SM-B-113596-1	1	37	80063	SM-D-947080-2	1	6
80063	SM-B-113596-2	1	30	80063	SM-D-947080-4	1	4
80063	SM-B-162191-1	3	3	80063	SM-D-947080-8	1	16
80063	SM-B-162197	1	24	80063	SM-D-947166	1	14
80063	SM-B-340027	4	5	80063	SM-D-947166-1	2	14
80063	SM-B-340031	1	15	80063	SM-D-947167	2	13
80063	SM-B-450447	2	16	80063	SM-D-947171	1	9
80063	SM-B-450465	2	7	80063	SM-D-947172	3	4
80063	SM-B-555572-6	2	6	19220	1-575709-50	1	7
80063	SM-B-555598-1	2	10	19220	15949	1	8
80063	SM-B-555598-2	2	4				

# APPENDIX C MAINTENANCE ALLOCATION

#### Section I. INTRODUCTION

#### C-1. General.

This appendix provides a summary of the maintenance operations for the S-280C/G. It authorizes categories of maintenance for specific maintenance functions on repairable items and components and the tools and equipment required to perform each function. This appendix may be used as an aid in planning maintenance operations.

#### C-2. Maintenance Function.

Maintenance functions will be limited to and defined as follows:

- a. Inspect. To determine the serviceability of an item by comparing its physical, mechanical, and/or electrical characteristics with established standards through examines.
- b. Test. To verify serviceability and to detect incipient failure by measuring the mechanical or electrical characteristics of an item and comparing those characteristics with prescribed standards.
- c. Service. Operations required periodically to keep an item in proper operating condition, i.e., to clean (decontaminate), to preserve, to drain, to paint, or to replenish fuel, lubricants, hydraulic fluids, or compressed air supplies.
- d. Adjust. To maintain, within prescribed limits, by bringing into proper or exact position, or by setting the operating characteristics to the specified parameters.
- e. Align. To adjust specified variable elements of an item to bring about optimum or desired performance.
- f. Calibrate. To determine and cause corrections to be made or to be adjusted on instruments or test measuring and diagnostic equipments used in precision measurement. Consists of comparisons of two instruments, one of which is a certified standard of known accuracy. to detect and adjust any discrepancy in the accuracy of the instrument being compared.
- g. Install. The act of emplacing, seating, or fixing into position an item, part, module (component or assembly) in a manner to allow the proper functioning of the equipment or system.
  - h. Replace. The act of substituting a serviceable

like type part, subassembly, or module (component or assembly) for an unserviceable counterpart.

- i. Repair. The application of maintenance services (inspect, test, service, adjust, align, calibrate, replace) or other maintenance actions (welding, grinding, riveting, straightening, facing, remachining, or resurfacing) to restore serviceability to an item by correcting specific damage, fault, malfunction, or failure in a part, subassembly, module (component or assembly), end item, or system.
- *j. Overhaul.* That maintenance effort (service/action) necessary to restore an item to a completely serviceable/operational condition as prescribed by maintenance standards (i.e., DMWR) in appropriate technical publications. Overhaul is normally the highest degree of maintenance performed by the Army. Overhaul does not normally return an item to like new condition.
- k. Rebuild. Consists of those services/actions necessary for the restoration of unserviceable equipment to a like new condition in accordance with original manufacturing standards. Rebuild is the highest degree of materiel maintenance applied to Army equipment. The rebuild operation includes the act of returning to zero those age measurements (hours, miles, etc.) considered in classifying Army equipments/components.

#### C-3. Column Entries.

- a Column 1, Group Number. Column 1 lists group numbers, the purpose of which is to identify components, assemblies, subassemblies, and modules with the next higher assembly.
- b. Column 2, Component/Assembly. Column 2 contains the noun names of components, assemblies, subassemblies, and modules for which maintenance is authorized.
- c. Column 3, Maintenance Functions. Column 3 lists the functions to be performed on the item listed in column 2. When items are listed without maintenance functions, it is solely for purpose of having the group numbers in the MAC and RPSTL coincide.
  - d. Column 4, Maintenance Category. Column 4

specifies, by the listing of a "work time" figure in the appropriate subcolumn(s), the lowest level Of maintenance authorized to perform the function listed in column 3. This figure represents the active time required to perform that maintenance function at the indicated category of maintenance. If the number or complexity of the tasks within the listed maintenance function vary at different maintenance categories, appropriate "work time" figures will be shown for each category. The number of task-hours specified by the "work time" figure represents the average time required to restore an item (assembly. subassembly, component, module, end item or system) to a serviceable condition under typical field operating conditions. This time includes preparation time, troubleshooting time, and quality assurance/quality control time in addition to the time required to perform the specific tasks identified for the maintenance functions authorized in the maintenance allocation chart. Subcolumns of column 4 areas follows:

C-Operator/Crew

O-Organizational

F-Direct Support

H-General Support

**D-Depot** 

- e. Column 5, Tools and Equipment. Column 5 specifies by code, those common tool sets (not individual tools) and special tools, test, and support equipment required to perform the designated function.
  - f. Column 6, Remarks. Column 6 contains an

alphabetic code which leads to the remark in section IV, Remarks, which is pertinent to the item opposite the particular code.

## C-4. Tool and Test Equipment Requirements (Sect. III).

- a. Tool or Test Equipment Reference Code. The numbers in this column coincide with the numbers used in the tools and equipment column of the MAC. The numbers indicate the applicable tool or test equipment for the maintenance functions.
- b. Maintenance Category. The codes in this column indicate the maintenance category allocated the tool or test equipment.
- c. Nomenclature. This column lists the noun name and nomenclature of the tools and test equipment required to perform the maintenance functions.
- d. National/NATO Stock Number. This column lists the National/NATO stock number of the specific tool or test equipment.
- e. Tool Number. This column lists the manufacturer's part number of the tool followed by the Federal Supply Code for manufacturers (5-digit) in parentheses.

#### C-5. Remarks (Sect. IV).

- a. Reference Code. This code refers to the appropriate item in section II, column 6.
- b. Remarks. This column provides the required explanatory information necessary to clarify items appearing in section II.

#### SECTION II MAINTENANCE ALLOCATION CHART

# FOR SHELTER, ELECTRICAL EQUIPMENT S-280C/G and SHELTER, ELECTRICAL EQUIPMENT S-280C/G (with Rivnuts)

(I) GROUP	(2) COMPONENT/ASSEMBLY	(3) MAINTENANCE	м	AINTEN	(4) ANCE C	ATEGOR	ey .	(5) TOOLS	(6)
NUMBER	COMPONENT/ASSEMBLY	FUNCTION	С	0	F	н	D	AND EQPT.	REMARKS
00	SHELTER, ELECTRICAL EQUIPMENT S-280C/G	Inspect Service Repair Repair Repair Repair		0.5 0.5 0.5	1.0	2.0	8.0	1 1,2 1,2,3	A B C D
01	DOOR ASSEMBLY	Repair Repair			0.5	1.0		1,2	F
02	SKID ASSEMBLY	Repair				2.0	ŀ	1,2	
03	LIFTING AND TIE EYE ASSEMBLY	Replace			0.5			1,2	G
04	TOHING EYE	Replace			0.5	j		1,2	G
05	DOOR BRACE ASSEMBLY	Repair			0.5			1,2,3	
06	PAN ASSEMBLY, RECESSED STEP	Repair			0.5			1,2	н

#### TM11-5410-213-14P-1

SECTION III TOOL AND TEST EQUIPMENT REQUIREMENTS FOR SHELTER ELECTRICAL EQUIPMENT AND SHELTER ELECTRICAL EQUIPMENT S-280C/G (WITH RIVNUTS)

TOOL OR TEST EQUIPMENT REF CODE	MAINTENANCE CATEGORY	NOMENCLATURE	NATIONAL/NATO STOCK NUMBER	TOOL NUMBER
1	F, H, D	TOOLS AND MATERIALS LISTED IN TB 43-0123	N/A	
2	F, H	TOOL KIT, AUTOMOTIVE MECHANICS		
3	F, H	TOOL KIT, ELECTRONIC EQUIPMENT SHELTER TK-144/G	5180-00-973-4369	)
4	D	DEPOT FACILITIES		
		NOTE		
		THE NATIONAL STOCK NUMBER THAT IS MISSING FROM		

#### SECTION IV. REMARKS

REFERENCE CODE	REMARKS
A	SERVICE INCLUDES CHANGING AIR FILTER, LUBRICATE DOOR HINGES, LATCH MECHANISM AND STOP. CLEANING INTERIOR AND EXTERIOR AND TOUCH UP PAINTING.
В	MINOR REPAIR OF SKIN PUNCTURES IN ACCORDANCE WITH THE PROCEDURES OF TB 43-0124. REPLACE SLING ASSEMBLY COMPONENTS.
<b>C</b> .	REPAIR SKIN PUNCTURES IN ACCORDANCE WITH THE PROCEDURES OF TB 43-0124. REPLACE PARTS ATTACHED BY THREADED FASTENERS.
D	REPAIR IN ACCORDANCE WITH PROCEDURES IN TB 43-0124. REPAIR INCLUDES REPLACEMENT OF RIVNUTS AND DELAMINATED SKIN REPAIR.
E	REPAIR REQUIRES USE OF DEPOT FIXTURES FOR LIFTING AND TOWING EYE TESTS AND CONSTRUCTION TIGHTNESS TEST.
F	REPLACE RAIN FLOP, RFI AND WEATHER GASKETS, LOUVRE AND RFI HONEYCOMB ASSEMBLIES.
G	REPLACE RING ASSEMBLY.
н	REPLACE STEP.

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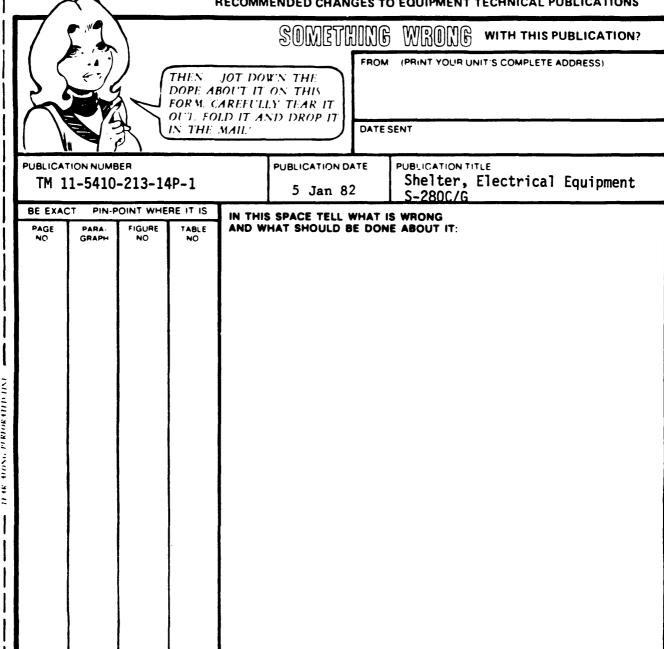
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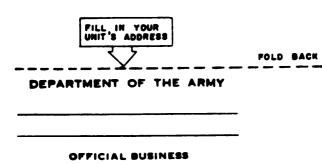
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PIN : 050368-000