
OPERATOR
GENERAL INFORMATION

SCOPE

This is an Operator and Field Maintenance Technical Manual (TM) that includes a Repair Parts and Special Tools List (RPSTL). This TM provides instructions for setup, operation, tear down, preventive maintenance, fault isolation, and repair/replacement of the ARSS V II One-Sided Expandable Shelter (Figure 1).

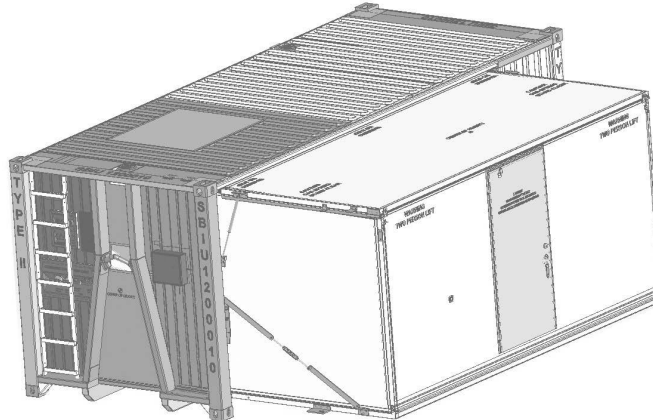


Figure 1. ARSS V II.

Type of Manual

Operator and Field Maintenance Manual Including Repair Parts and Special Tools List.

Equipment Name and Model Number

ARSS V II, P/N 1109200000, CAGEC 5B5M3, NSN 4940-01-680-2383.

Purpose of Equipment

ARSS V II. The ARSS V II is a self-contained, tactical, one-sided expandable shelter that is transported by Palletized Load System (PLS) truck. The shelter provides ample work space and the tool load required for armament repairs. Tool load location, P/N, NSN, and CAGEC information is provided in CL 4940-95-A72. The shelter also contains a 10 kilowatt Advanced Medium Mobile Power Source (AMMPS) generator for shop power, as well as an (18K BTU/Hr) Improved Environmental Control Unit (IECU), producing an environmentally controlled interior. It will provide operator and field level maintenance for armament weapon systems. The ARSS V II is designed to operate in a wide variety of climate conditions.

MAINTENANCE FORMS, RECORDS, AND REPORTS

Department of the Army forms and procedures used for equipment maintenance will be those prescribed by (as applicable) PAM 750-8, The Army Maintenance Management System (TAMMS) Users Manual; PAM 738-751, Functional Users Manual for the Army Maintenance Management Systems - Aviation (TAMMS-A); or AR 700-138, Army Logistics Readiness and Sustainability.

REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR) and PRODUCT QUALITY DEFICIENCY REPORTS (PQDR).

If your ARSS V II needs improvement, let us know. Send us an EIR. You, the user, are the only one who can tell us what you do not like about your equipment. Let us know why you do not like the design or performance.

Figure 1. Excerpt of a general Information Section.

MAINTAINER MAINTENANCE
GAS STRUT CEILING BRACKET REPLACEMENT

INITIAL SETUP:**Tools**

Ladder (WP 0158, Item 8)
Small Arms Tool Kit (WP 0158, Item 19)

Materials

Gas Strut Bracket, Left (WP 0149) Gas Strut Bracket, Right (WP 0149)
Sealing Compound (WP 0157, Item 28)

Mandatory Replacement Parts

Lock Washer - 2 (WP 0159, Item 14)

Personnel Required

Small Arms/Artillery Repairer 91F

References

WP 0083
WP 0113

Equipment Condition

Gas strut removed (WP
0083) **REMOVE**

1. Remove two hex head bolts (Figure 1, Item 1) and two lock washers (Figure 1, Item 3) from gas strut ceiling bracket (Figure 1, Item 4). Discard lock washers.
2. Remove sealing compound (Figure 1, Item 5) around gas strut ceiling bracket (Figure 1, Item 4). Refer to General Maintenance (WP 0113).
3. Remove gas strut ceiling bracket (Figure 1, Item 4) from shelter (Figure 1, Item 2).

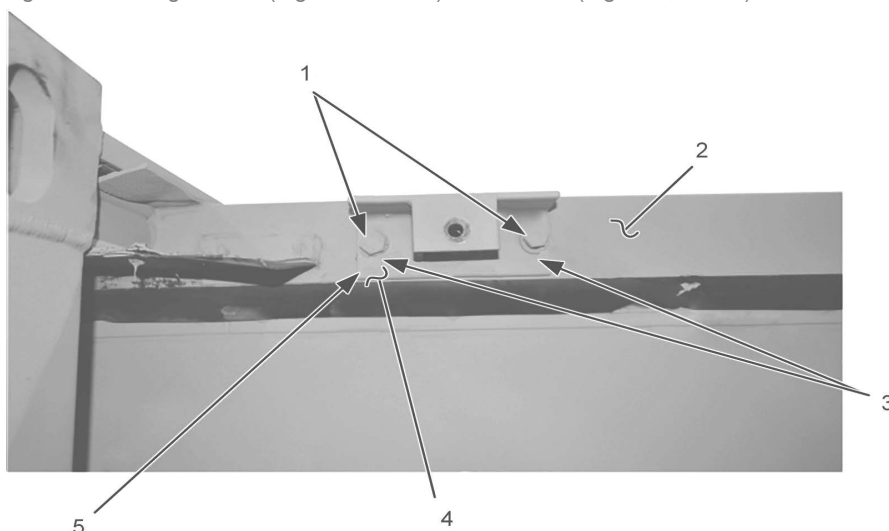


Figure 1. Gas Strut Ceiling Bracket.

END OF TASK

Figure 2. Example of Detailed Instructions from a Work Package

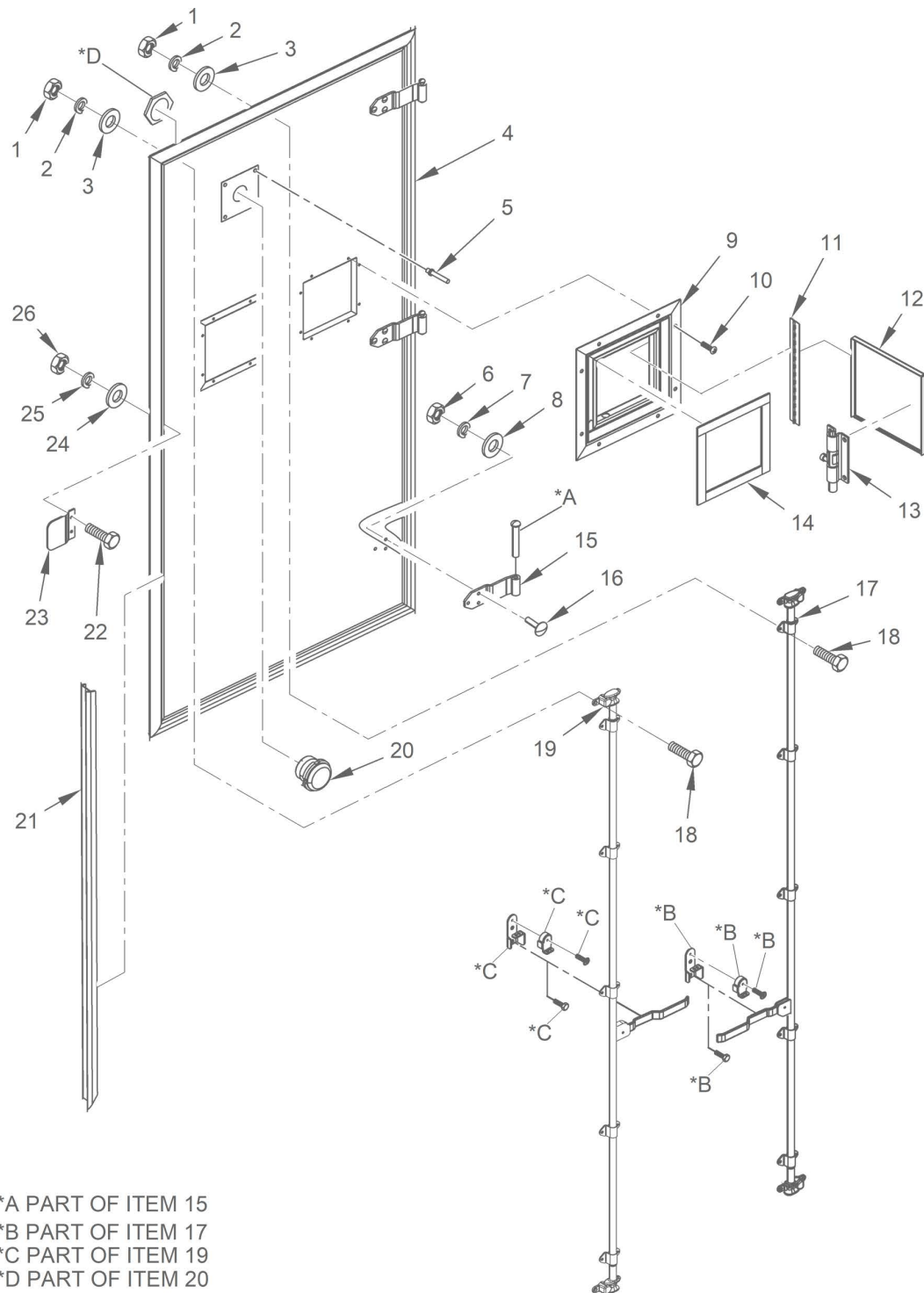


Figure 4. Maintenance Door Right .

Figure 3. Example of an Exploded View Diagram

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0102 Maintenance Door Right FIGURE 4 Maintenance Door Right	
1	PAFZZ	5310-01-517-9646	39428	91828A410	. NUT,PLAIN,HEXAGON UOC: ERJ	40
2	PAFZZ	5310-01-478-4201	39428	92148A200	. WASHER,LOCK UOC: ERJ	40
3	PAFZZ	5310-01-482-9266	39428	93475A270	. WASHER,FLAT UOC: ERJ	40
4	XAFZZ	5340-01-619-6910	4JKJ9	11B5020028	. DOUBLE DOOR ASSEMBLY, RIGHT .. UOC: ERJ	1
5	PAFZZ	5320-01-533-2197	92878	97525A490	. BLIND RIVET,.1875 IN DIA, STAINLESS STEEL..... UOC: ERJ	4
6	PAFZZ	5310-01-517-9646	39428	91828A410	. NUT,PLAIN,HEXAGON UOC: ERJ	9
7	PAFZZ	5310-01-478-4201	39428	92148A200	. WASHER,LOCK UOC: ERJ	9
8	PAFZZ	5310-01-482-9266	39428	93475A270	. WASHER,FLAT UOC: ERJ	9
9	PFFZZ	5340-01-619-1884	0FXA9	EPN-000944	. DOOR PASS THROUGH ASSEMBLY . UOC: ERJ	2
10	PFFZZ	5305-01-625-9592	80204	AESQ2A242750SB- 7A31	. SCREW,TAPPING..... UOC: ERJ	16
11	PFFZZ	5340-01-701-6338	5B5M3	11B5091252	. DOOR PASS THROUGH PIANO HINGE..... UOC: ERJ	2
12	PFFZZ	5340-01-701-6409	5B5M3	11B5091253	. PASS THROUGH DOOR UOC: ERJ	2
13	PFFZZ	5340-01-705-7396	39428	1441A34	. DOOR PASS THROUGH BARREL LATCH..... UOC: ERJ	2
14	PFFZZ	2510-01-707-4290	5B5M3	11B5091607	. AIR PASS THROUGH FRAME ASSEMBLY UOC: ERJ	2
15	PFFZZ	5340-01-619-2275	0FXA9	EPN-0000939	. DOOR HINGE ASSEMBLY UOC: ERJ	3
16	XAFFF	—	5B5M3	11B5091881	. ROUND HEAD SQUARE NECK BOLT UOC: ERJ	9
17	PFFZZ	5340-01-705-7935	4JKJ9	0201355.2	. DOOR LATCH ASSEMBLY, LOWER HANDLE LEFT UOC: ERJ	1
18	PAFZZ	5305-01-546-1400	39428	91287A307	. SCREW,CAP,HEXAGON HEAD UOC: ERJ	20
19	PFFZZ	5340-01-705-7197	4JKJ9	0201355.3	. DOOR LATCH ASSEMBLY, UPPER HANDLE RIGHT..... UOC: ERJ	1
20	PAFZZ	4820-01-399-1858	08992	TA770-05-05-R	. VALVE,PRESSURE EQUALIZ- ING,GASEOUS P..... UOC: ERJ	1
21	MFFZZ	5330-01-622-0368	0FXA9	EPN-0000935	. DOUBLE DOOR GASKET MATERIAL. UOC:ERJ	AR
22	PAFZZ	5305-01-625-9455	80204	AES01C312A50SB- 7A31	. SCREW,CAP,HEXAGON HEAD UOC: ERJ	2
23	PFFZZ	5340-01-618-8435	0FXA9	EPN-0001009	. DOUBLE DOOR TONGUE..... UOC: ERJ	1
24	PAFZZ	5310-01-533-9766	39428	90107A030	. WASHER,FLAT UOC: ERJ	2
25	PAFZZ	5310-01-528-6676	39428	92147A030	. WASHER,SPLIT..... UOC: ERJ	2

Figure 4. Example from a Repair Parts and Special Tools List.