

SPECIAL PACKAGING INSTRUCTION

BAE SYSTEMS DOCUMENT NO. AAFARS-DM-014
Revision E

Public reporting burden for this collection of information is estimated to average 30 days per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, Va 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project(0704-0188). Washington, DC 20503. Please do not return your form to either of these addresses.

1. PART OR DRAWING NO. (CAGE) NOMENCLATURE 532400-01-01 (63631), Auxiliary Pump			2. CAGE 19207		3. SPI NO. AK15171774		
4. NATIONAL STOCK NO. 4320-01-517-1774			5. DATE OF DRAWING 05153		6. REVISION		
7. QUP 001	8. ICQ 000	9. UNIT PACK WT. 48.0	10. UNIT PACK CU (CU. FT.) 4.675		11. UNIT PACK SIZE (INCHES) 27 x 21 x 14.25		
			18. STEPS	19. REQD	20. DESCRIPTION		
12. MILITARY PRESERVATION MIL-STD-2073, Method 41 and notes			F(1)	1 RL	Kimpak cushioning material, Grade II, Class C, Style 2, Size L, IAW CID A-A-1898		
13. CLEANING MIL-STD-2073, paragraph 5.2.1			F(1)	1 RL	Tape, Packing, Filament, Type II, 1/2" IAW ASTM D5330		
			F(2)	AR	Polyethylene Foam Cushioning, Class 1, Grade A, Type I, 1" thick per A-A-59136		
14. DRYING MIL-STD-2073, paragraph 5.2.1			F(2)	1	Panelboard box IAW ASTM D6251 Type III, Class 2, Style A2,		
15. PACKING a. LEVEL A MIL-STD-2073					Water Repellent Treatment B, Load Type 1, 25" L x 19" W x 12.25" H, Fasteners IAW ASTM F1667, Table 7		
			F(3)	AR	Barrier Material, Class 1, Watervaporproof, Greaseproof, Flexible, Heat Sealable IAW MIL-PRF-131J		
b. LEVEL B NA			F(8)	AR	Metal Strapping and Seals, ASTM D3953-02, Type I, Regular Duty, Finish B, Grade 1		
16. MARKING MIL-STD-129P, para. 5.2.6, and notes							

17. NOTES/DRAWING

A. General Packaging Requirement: Quantity per unit pack shall be one each.

1. In addition to the item preservation required below the item must be protected from the rough handling, stacking, vibration and other hazards associated with shipping, storage and transportation.
2. Protection from physical damage and mechanical malfunction is required for the method of preservation in addition to the specific environment protection provided. All cushioning and dunnage materials shall be as clean and dry as practicable to minimize item susceptibility to corrosion and contaminants. All knobs, sharp projections, greased slides, bearings and other protrusions shall be suitably wrapped or otherwise protected to prevent damage to either the item or the preservation.
3. Only non corrosive wrapping, cushioning and dunnage shall be used in contact with bare metal and critical item surfaces. Non-corrosive is defined by the test requirements of FED STD 101, Test Method 3005.

B. First article pack. The contractor shall furnish a first article pack for examination 60 days prior to first production unit shipped in order to prove prior to starting production packaging that the applied preservation, packing, and marking comply with the packaging requirements of this specification. The first article pack may be accomplished utilizing either the first article assembly or a production assembly. If the first article assembly is utilized, any preservation and packing shall be removed by the contractor at no expense to the Government when requested by the Government to facilitate comparison between the first article pumping assembly and the production pumping assembly.

C. Any components requiring protection against damage, pilferage, or loss, or protruding parts that increase cube and can be removed and reinstalled without special tools or skills, shall be removed in accordance with the contractor's recommendations. Bolts, nuts, pins, and washers removed shall be reinstalled in one of the mating parts and secured to prevent their loss.

D. Quality Assurance Provisions:

1. Inspect the preservation and unit pack in accordance with MIL-STD-2073-1D.
2. Quality Conformance shall be in accordance with MIL-STD-2073-1D.
3. Any deviation from these Special Packaging Instructions will require testing IAW ASTM-D4169, Distribution Cycle 18, Assurance level I, Acceptance criteria 3 or HAZMAT POP testing per 49 CFR if the item is a HAZMAT. The test specimen shall be a representative sample of the complete shipping unit and the actual contents.

SPECIAL PACKAGING INSTRUCTION (Continuation Sheet)

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17. NOTES/DRAWINGS *CONTINUED*

E. PREPARATION FOR STORAGE/SHIPMENT

NOTE

The auxiliary pump is constructed of aluminum. Preservation is not required.

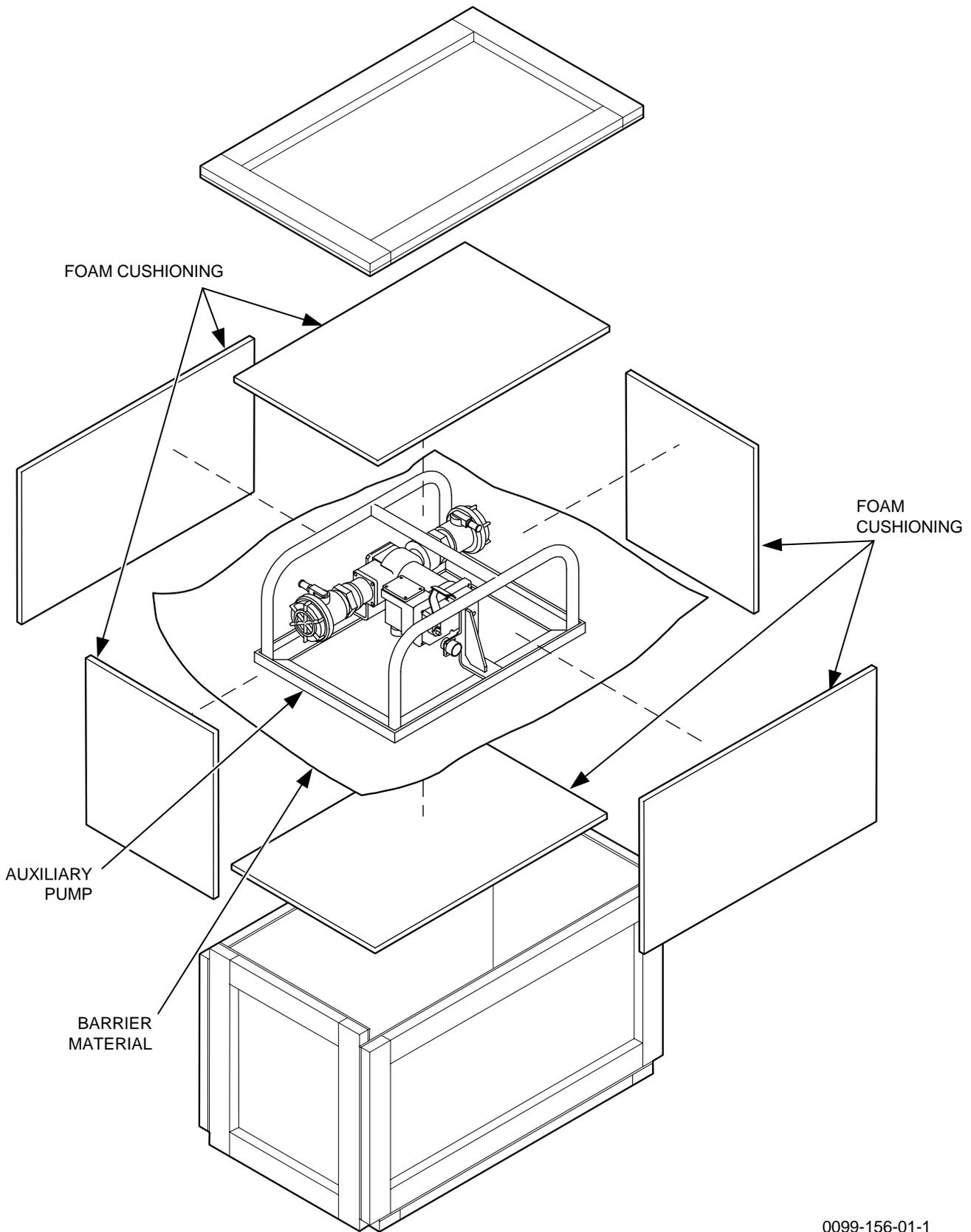
1. If unit has been used, drain any residual fuel into a suitable container. Dispose of in accordance with (IAW) local standard operating procedures.
2. Allow auxiliary pump to ventilate until fuel fumes, if any, have dissipated.

F. PACKING (Refer to figure 1)

1. Wrap lower frame corners and unisex couplings in Kimpak and secure with filament tape.
2. Cut foam cushioning piece to size of crate and position at bottom of crate.
3. Spread barrier material in crate, leaving enough material on all sides to completely enclose the auxiliary pump, and center auxiliary pump on barrier material in center of crate.
4. Vacuum down and heat seal auxiliary pump in barrier material.
5. Cut foam cushioning pieces to size of auxiliary pump and position at sides and top of pump.
6. Secure top to crate with nails as specified by ASTM D 6251, 7.4.1.
7. Mark one side and one end with nomenclature (AUXILIARY PUMP), part number (532400-01-01), and an "UP" arrow. Refer to MIL-STD-129P, para. 5.2.6.
8. Apply metal strapping to crate IAW ASTM D6251, S2.

G. PREPARATION FOR USE AFTER STORAGE/SHIPMENT

Remove auxiliary pump from packing.



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Figure 1. Auxiliary Pump Packing