

## CHAPTER 3

# RIGGING THE CW-BW WATER PRETREATMENT DECONTAMINATION EQUIPMENT SET

### 3-1. Description of Load

The CW-BW water pretreatment decontamination equipment set is stowed in a 3/4-ton cargo trailer. The unrigged trailer with decontamination set weighs 2,925 pounds. It is 147 inches long, 71 inches wide, and 83 inches high. The height of the trailer can be reduced to 51 inches. Except for changes outlined in this chapter, the trailer is rigged as described in chapter 2, section I.

### 3-2. Stowing Decontamination Set and Trailer Components

*a. Stowing Decontamination Set.* Stow the decontamination set in the trailer as shown in figures 3-1, 3-2, and 3-3.

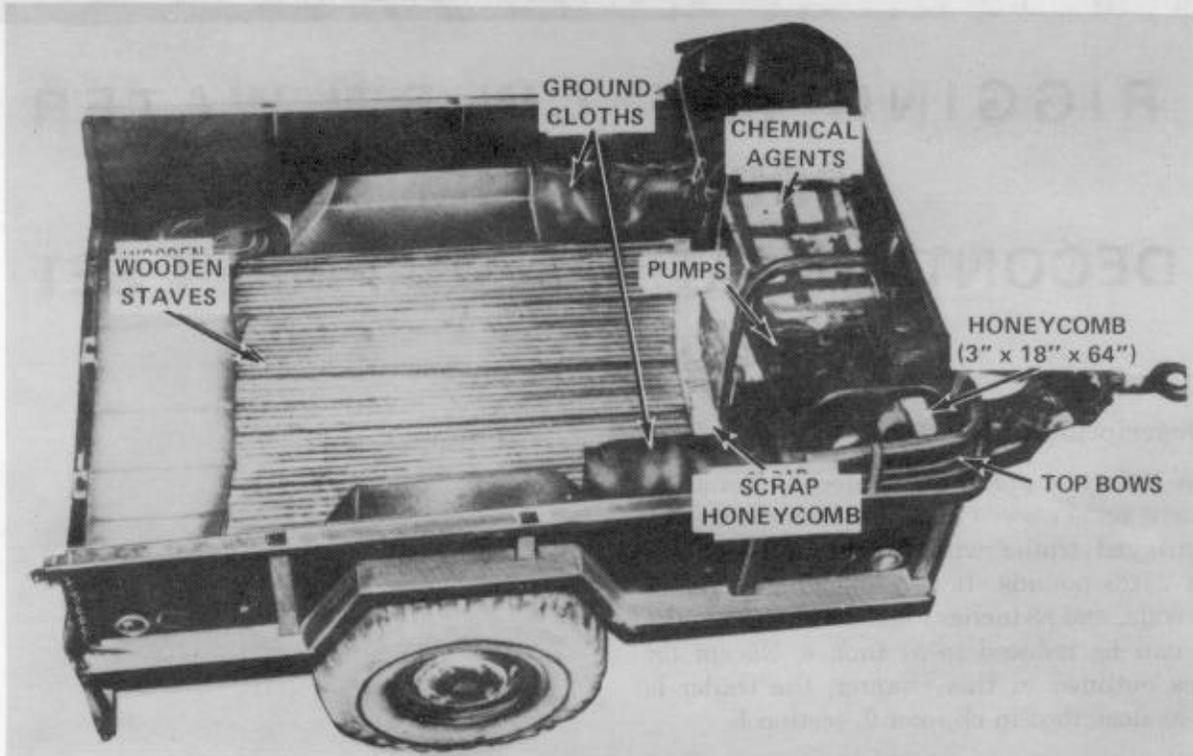
*b. Stowing Trailer Components.* Stow the trailer components on top of the decontamination set as shown in figures 3-4 and 3-5.

### 3-3. Marking Rigged Load

Mark the rigged load according to FM 10-500/TO 13C7-1-5. The rigged load weighs 3,850 pounds. It is 108 inches wide, 73 inches high, and 162 inches long. The load overhangs the front of the platform by 4 inches. The center of balance of the rigged load is 95 inches from the front edge of the platform.

### 3-4. Equipment Required

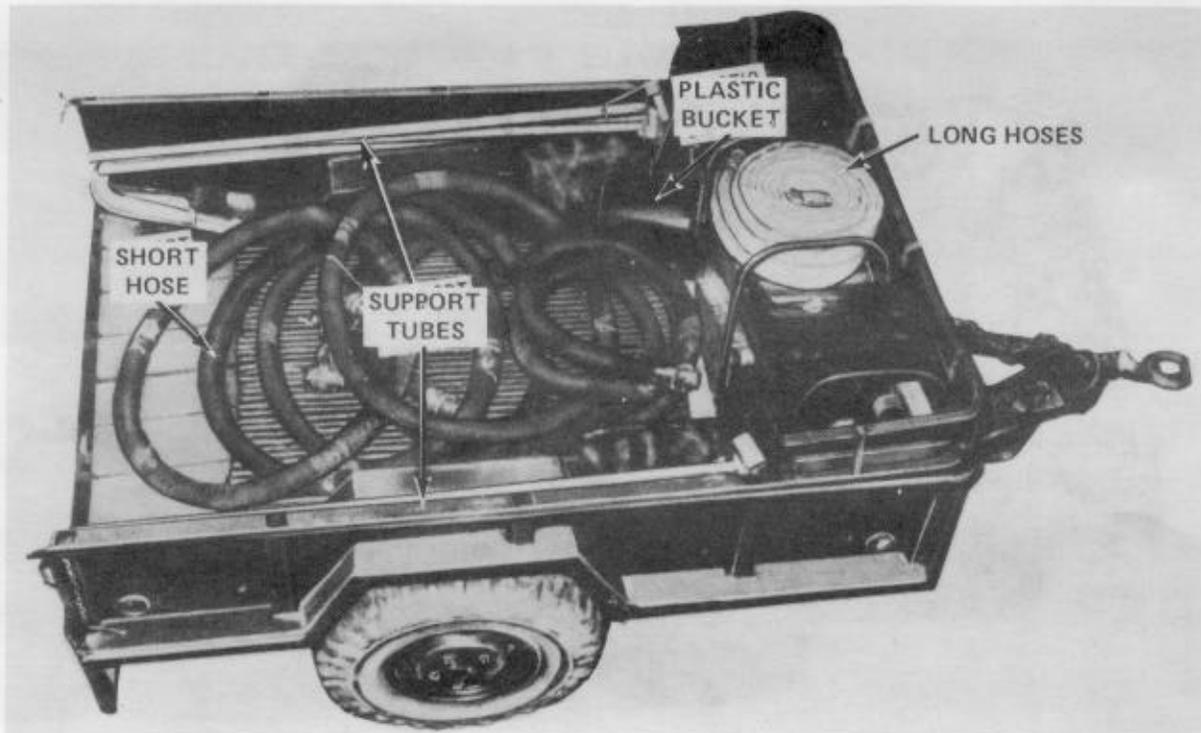
The items of equipment required to rig this load are the same as those listed in table 2-1, except for the items listed in table 3-1.



**Steps:**

1. Tape and place the top bows on the front edge of the trailer.
2. Place a 3- by 18- by 64-inch piece of honeycomb against the front end of the cargo bed.
3. Place the pumps against this honeycomb.
4. Place three boxes of chemical agents between the pumps and the wheel wells.
5. Fold and place ground cloths between the pumps and the wheel wells.
6. Place scrap pieces of honeycomb across the trailer bed and behind the pumps and chemical agents. Place the wooden staves on the floor of the trailer between the wheel wells and behind the scrap honeycomb.

Figure 3-1. Decontamination set stowed (steps 1 through 6).



**Steps:**

7. Place the support tubes on each side of the trailer and secure them with type III nylon cord.
8. Place the plastic buckets on top of the staves and secure them with type III nylon cord.
9. Secure the two long hoses on top of the chemical agents with type III nylon cord.
10. Place the short hose on top of the staves and secure it with type III nylon cord.

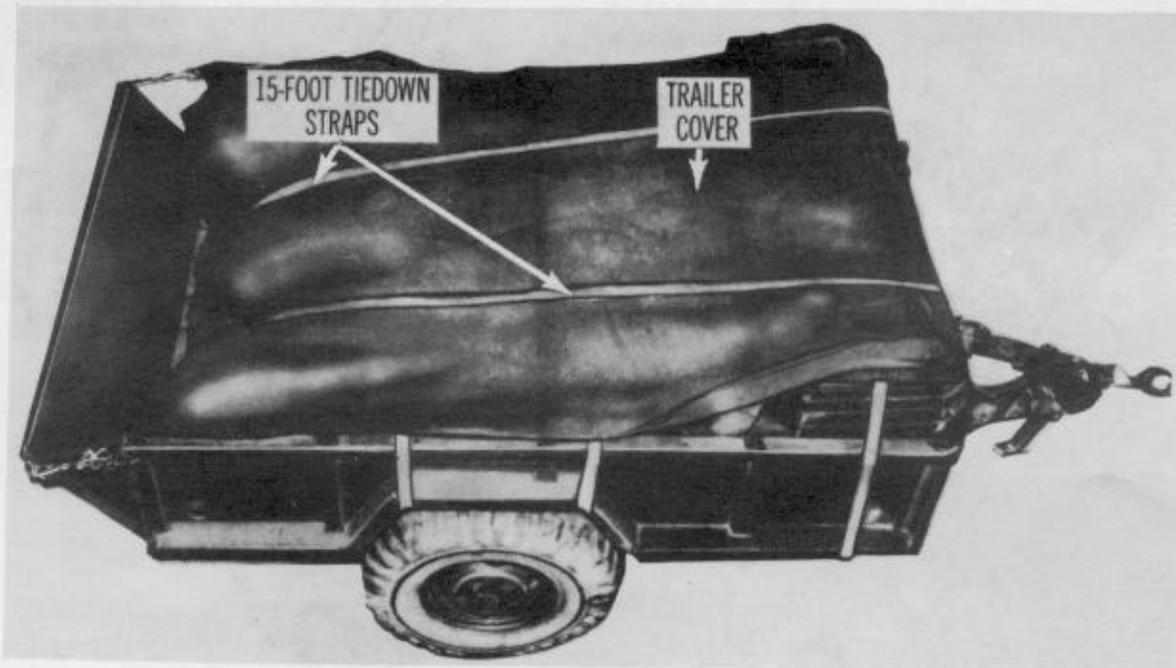
*Figure 3-2. Decontamination set stowed (steps 7 through 10).*



**Steps:**

11. Pad and wrap the small metal items in the water tanks and roll the tanks the same width as the trailer bed. Place the tanks in the trailer as shown.
12. Secure the decontamination set as shown with six 15-foot tiedown straps, six D-rings, and three load binders. Attach the D-ring end of the straps to the frame under the trailer bed.

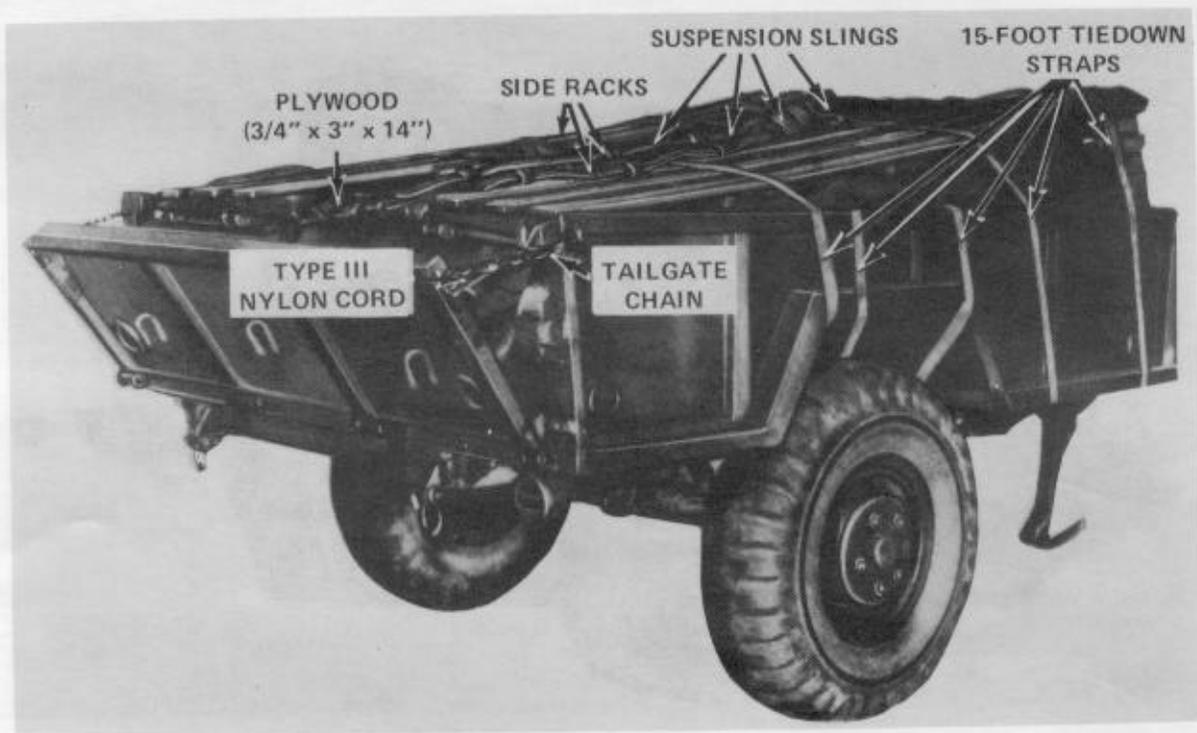
*Figure 3-3. Decontamination set stowed (steps 11 and 12).*



**Steps:**

1. Fold the trailer cover the same width as the trailer bed and place the cover over the decontamination set.
2. Lash the cover with two 15-foot tiedown assemblies.

*Figure 3-4. Trailer components stowed (steps 1 and 2).*



**Steps:**

3. Place the side and the end racks on top of the load. Place a 3/4- by 3- by 14-inch piece of plywood between the side rack posts and tape the plywood in place.
4. Lash the racks with four 15-foot tiedown straps, four D-rings, and two load binders. Attach the D-ring end of the strap to the frame under the trailer bed.

*Figure 3-5. Trailer components stowed (steps 3 and 4).*

Table 3-1. Equipment Required

NATIONAL STOCK NO	ITEM	QUANTITY
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## ADD

1670-00-937-0271	Tiedown Assembly, 15-ft . . . . .	12
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## DELETE

1377-00-958-1048	Cartridge, time-delay, 20 sec . . . . .	1
1670-00-360-0328	Cover, clevis, large . . . . .	1
1670-00-799-8596	Load Coupler, 8-spool . . . . .	1
1670-00-269-1107	Parachute, cargo G-11A . . . . .	1
1670-00-799-8494	Release, cargo parachute, 5,000-lb . . . . .	1
1670-00-753-3794	Sling, cargo, AD, 20-ft (2-loop) . . . . .	2
1670-00-998-0116	Strap, parachute release w/fastener and release knife . . . . .	1
8305-00-263-3591	Webbing, nylon, type VIII. . . . .	6 yd