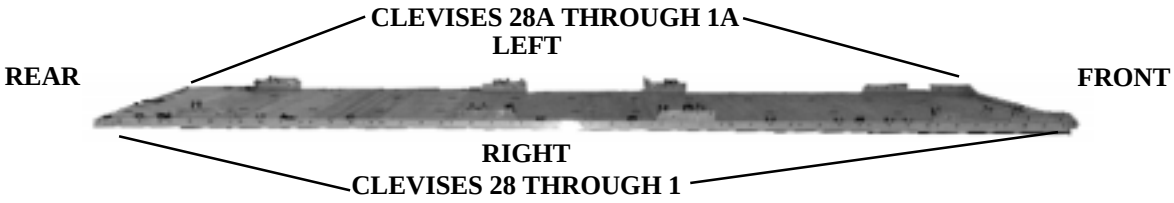


Steps:

1. Install a tandem multi-purpose link to each platform side rail using holes 1, 2, and 3.
2. Install a suspension link to each platform side rail using holes 6, 7, and 8.
3. Install a suspension link to each side rail using holes 22, 23, and 24.
4. Install a suspension link to each side rail using holes 33, 34, and 35.
5. Install a suspension link to each side rail using holes 49, 50, and 51.
6. Install a clevis on bushing 4 on each of the front tandem links.
7. Install a clevis on bushing 1 on each of the first suspension links.
8. Install a clevis on bushing 4 on each of the first suspension links.
9. Install a clevis on bushing 2 on each of the second suspension links.
10. Install a clevis on bushing 3 on each of the second suspension links.
11. Install a clevis on bushing 4 on each of the second suspension links.
12. Install a clevis on bushing 1 on each of the third suspension links.
13. Install a clevis on bushing 2 on each of the third suspension links.
14. Install a clevis on bushing 3 on each of the third suspension links.
15. Install a clevis on bushing 3 on each of the fourth suspension links.
16. Starting at the front of each platform side rail install clevises on the bushings bolted on holes 10, 11,13, 14, 18, 26, 31, 42, 43, 46 (doubled), 47, 52 (tripled), 53, 54, and 56 (doubled).
17. Starting at the front of the platform number the clevises 1 through 28 on the right side and 1A through 28A on the left side.

NOTE: Use the clevis on bushing 46 as clevises 20, 20A and the doubled clevises as 19, and 19A.

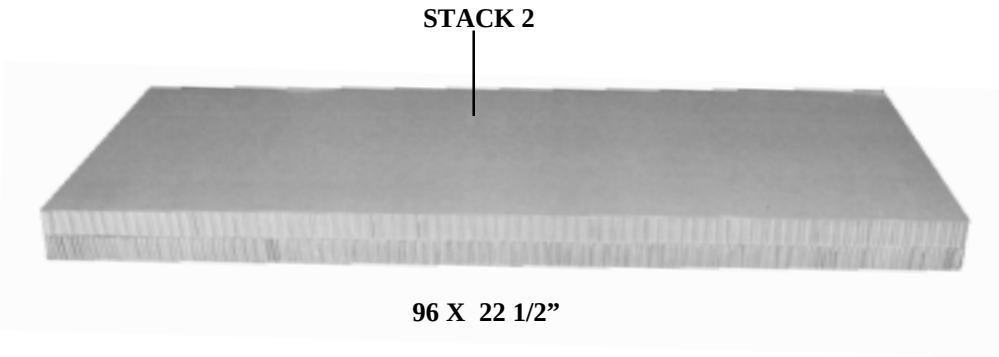
NOTE: Use the clevis on bushing 56 as clevises 28, 28A and the doubled clevises as 27, and 27A.

NOTE: A doubled clevis has one clevis attached to the bushing and another clevis attached to the first clevis. A tripled clevis has one clevis attached to the bushing and two clevises attached to the first clevis.

Figure 11-25. Platform prepared

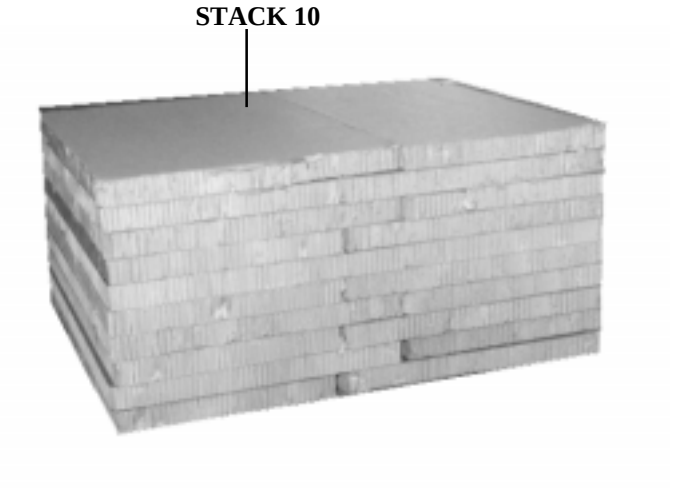
11-26. Preparing Honeycomb Stacks

Build honeycomb stacks as shown in Figures 11-3 and 11-4 and Figures 11-26 and11-27.



Stack Number	Pieces	Width (Inches)	Length (Inches)	Material	Instructions
1	Prepare honeycomb stack 1 as shown in Figure 11-3.				
2	2	96	22 1/2	Honeycomb	Glue together.
3-9	Prepare honeycomb stacks 3 through 9 as shown in Figures 11-4.				

Figure 11-26. Honeycomb stacks 1 through 9 prepared

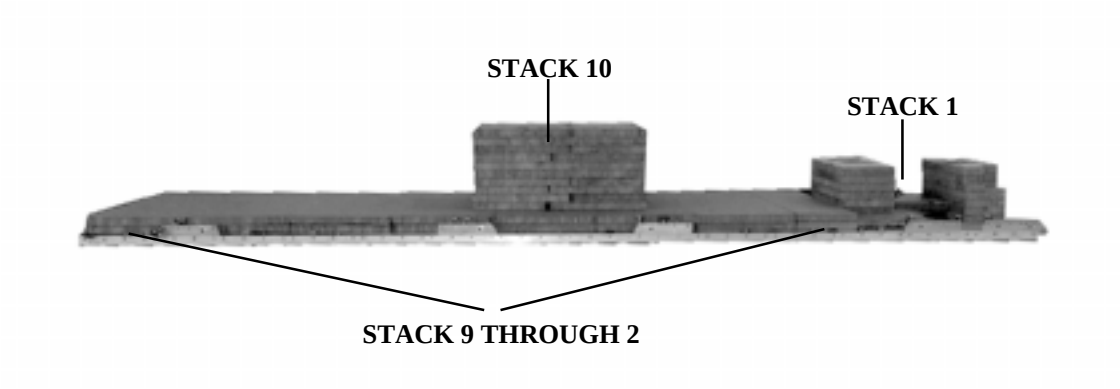


Stack Number	Pieces	Width (Inches)	Length (Inches)	Material	Instructions
10	10	56	36	Honeycomb	Lay a piece of 56 x 36-inch honeycomb on the floor next to another piece of 56 x 28-inch honeycomb forming a base. Alternate the pieces and glue on top of the base. Form a stack of 10 layers.
	10	56	28	Honeycomb	Repeat instructions listed above.

Figure 11-27. Honeycomb stack 10 prepared

11-27. Positioning Honeycomb Stacks

Position honeycomb stacks as shown in Figure 11-28.



Steps:

1. Position stack 1 on the front edge of the platform and centered.
2. Position stacks 2 through 9 flush on the rear edge of stack 1 placed flush with each other.
3. Position stack 10 centered at 172 inches from the front of the platform. Ensure the 64-inch length is aligned with the side rails.

Figure 11-28. Honeycomb stacks positioned

11-28. Building the Equipment Hose Box

Build the equipment hose box as shown in Figure 11-7.

11-29. Positioning Equipment Hose Box

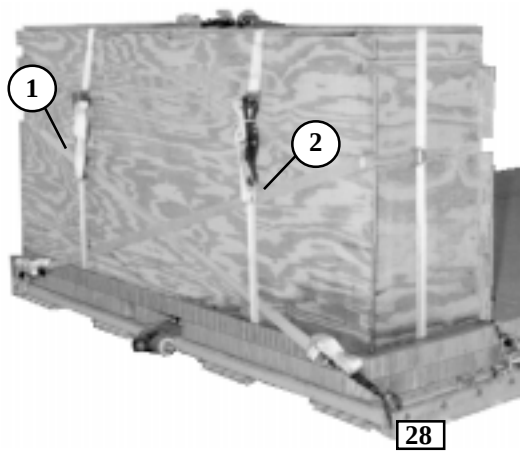
Position the equipment hose box on stack 9 as shown in Figure 11-8.

11-30. Storing Equipment in Equipment Hose Box

Store equipment in the equipment hose box as shown in Figure 11-9.

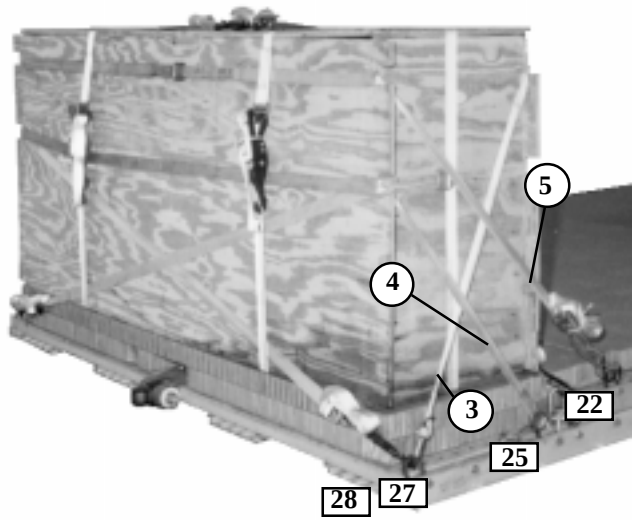
11-31. Lashing Equipment Hose Box to Platform

Lash the equipment hose box to the platform as shown in Figures 11-29 and 11-30.



Lashing Number	Clevis Number	Instructions
1	28	Route a 30-foot lashing from clevis 28 to the rear bottom left cutout, to the front bottom left cutout, to clevis 24. Ensure lashing is routed under the load binders on the rear of the box.
2	28A	Route a 30-foot lashing from clevis 28A to the rear bottom right cutout, to the front bottom right cutout, to clevis 24A. Ensure lashing is routed under the load binders on the rear of the box.

Figure 11-29. Lashings 1 and 2 installed



Lashing Number	Clevis Number	Instructions
3	27	Route a 15-foot lashing through its own D-ring on clevis 27 to the front top cutouts, to clevis 27A.
4	25	Route a 15-foot lashing through its own D-ring on clevis 25 to the rear bottom cutouts, to clevis 25A.
5	22	Route a 30-foot lashing from clevis 22 through the rear top cutouts, to clevis 22A.

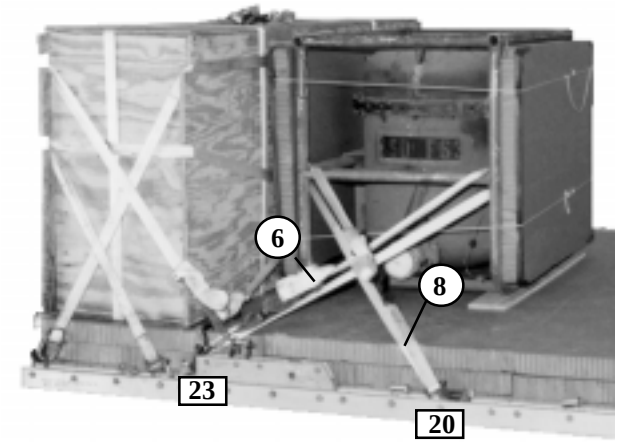
Figure 11-30. Lashings 3 through 5 installed

11-32. Preparing and Positioning Fuel Separator

Prepare and position the fuel separator as shown in Figure 11-12.

11-33. Lashing Fuel Separator to Platform

Lash fuel separator to the platform as shown in Figure 11-31.

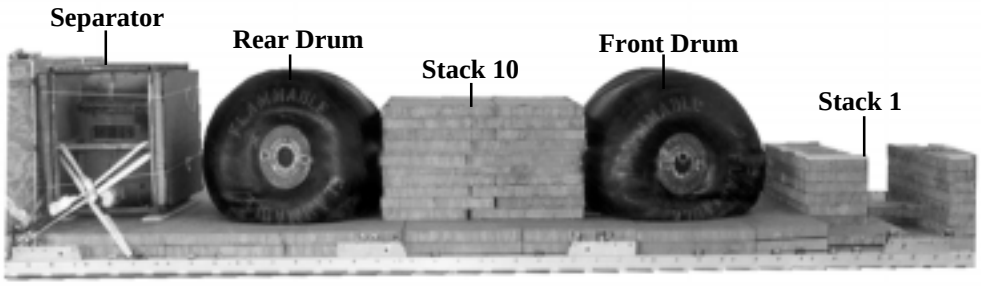


Lashing Number	Clevis Number	Instructions
6	23	Route a 15-foot lashing from clevis 23 around the front right middle cross member.
7	23A	Route a 15-foot lashing from clevis 23A around the front left middle cross member.
8	20	Route a 15-foot lashing from clevis 20 around the rear right middle cross member.
9	20A	Route a 15-foot lashing from clevis 20A around the rear left middle cross member.

Figure 11-31. Lashings 6 through 9 installed

11-34. Positioning and Lashing the Drums

Position and lash drums as shown in Figures 11-32 though 11-37.



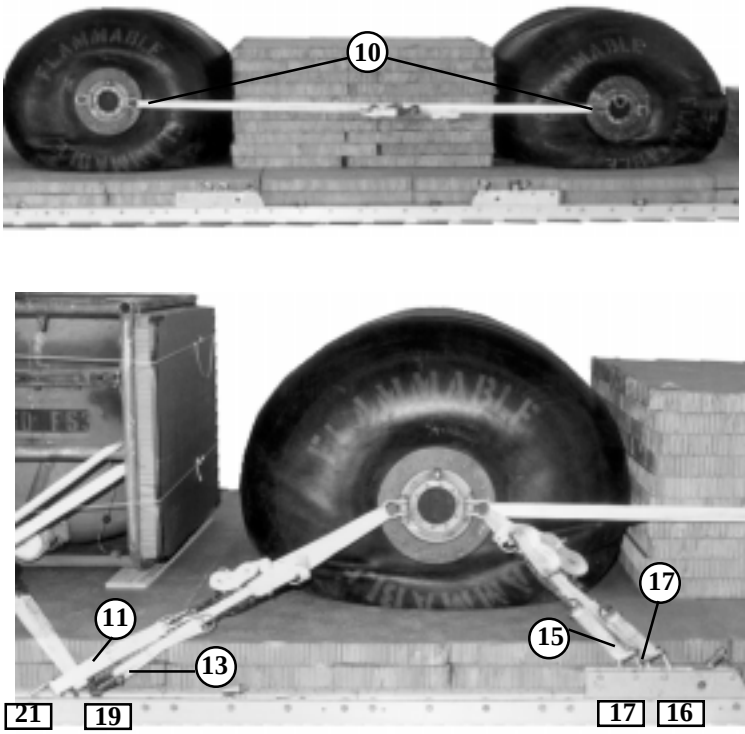
Steps:

1. Place a platform clevis on one end of two 9-foot (2 loop), type XXVI slings. Attach sling to each side of a drum for lifting purposes only and remove after positioning (not shown).

2. Position the rear drum next to the separator and center on the platform. Stack 10 may need to be moved for placement. There should be 6 inches between the drum and the separator.

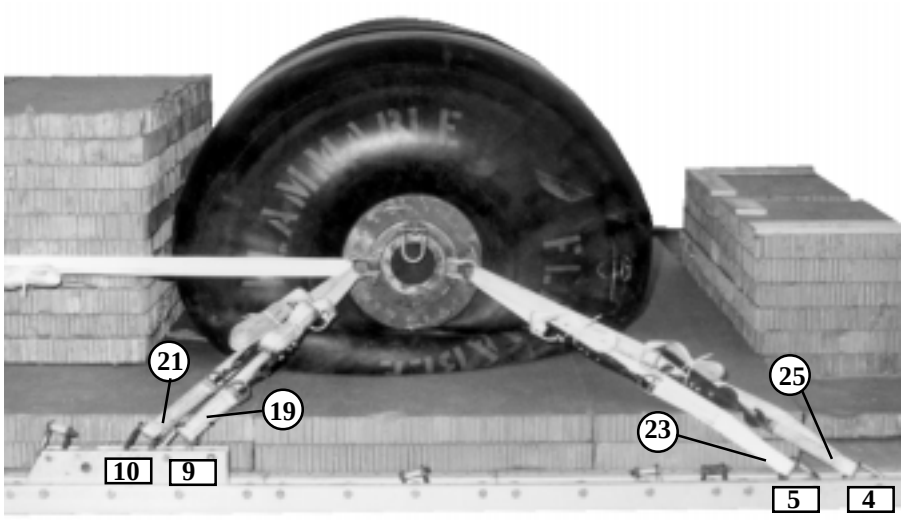
3. Position the front drum in front of stack 10 and center on the platform. There should be 6 inches between the fuel drum and stack 1.

Figure 11-32. Rear and front drums positioned



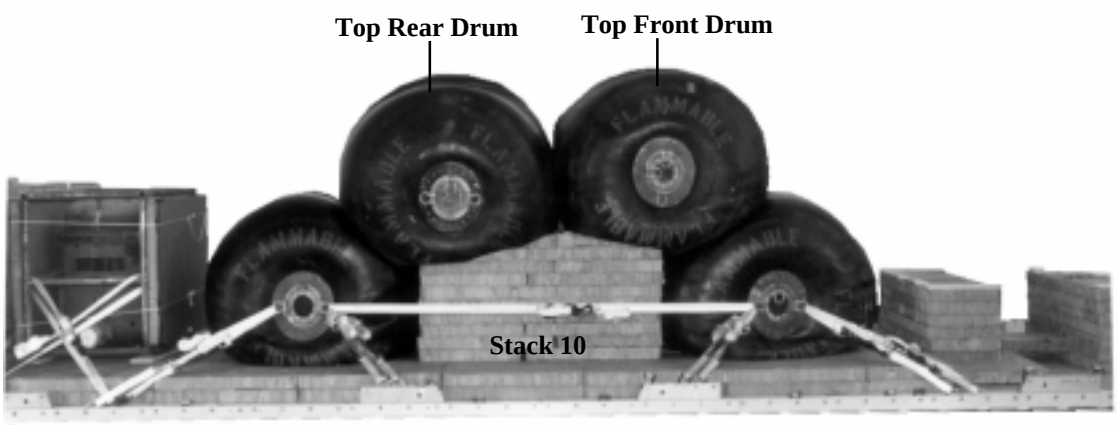
Lashing Number	Clevis Number	Instructions
10		Route a 30-foot lashing from the front shackle of the rear drum to the rear shackle of the front drum, on the right and left sides.
11	21	Route a 15-foot lashing from clevis 21 to the rear right shackle on the rear drum.
12	21A	Route a 15-foot lashing from clevis 21A to the rear left shackle on the rear drum.
13	19	Route a 15-foot lashing from clevis 19 to the rear right shackle on the rear drum.
14	19A	Route a 15-foot lashing from clevis 19A to the rear left shackle on the rear drum.
15	17	Route a 15-foot lashing from clevis 17 to the front right shackle on the rear drum.
16	17A	Route a 15-foot lashing from clevis 17A to the front left shackle on the rear drum.
17	16	Route a 15-foot lashing from clevis 16 to the front right shackle on the rear drum.
18	16A	Route a 15-foot lashing from clevis 16A to the front left shackle on the rear drum.

Figure 11-33. Lashings 10 through 18 installed



Lashing Number	Clevis Number	Instructions
19	9	Route a 15-foot lashing from clevis 9 to the rear right shackle on the front drum.
20	9A	Route a 15-foot lashing from clevis 9A to the rear left shackle on the front drum.
21	10	Route a 15-foot lashing from clevis 10 to the rear right shackle on the front drum.
22	10A	Route a 15-foot lashing from clevis 10A to the rear left shackle on the front drum.
23	5	Route a 15-foot lashing from clevis 5 to the front right shackle on the front drum.
24	5A	Route a 15-foot lashing from clevis 5A to the front left shackle on the front drum.
25	4	Route a 15-foot lashing from clevis 4 to the front right shackle on the front drum.
26	4A	Route a 15-foot lashing from clevis 4A to the front left shackle on the front drum.

Figure 11-34. Lashings 19 through 26 installed

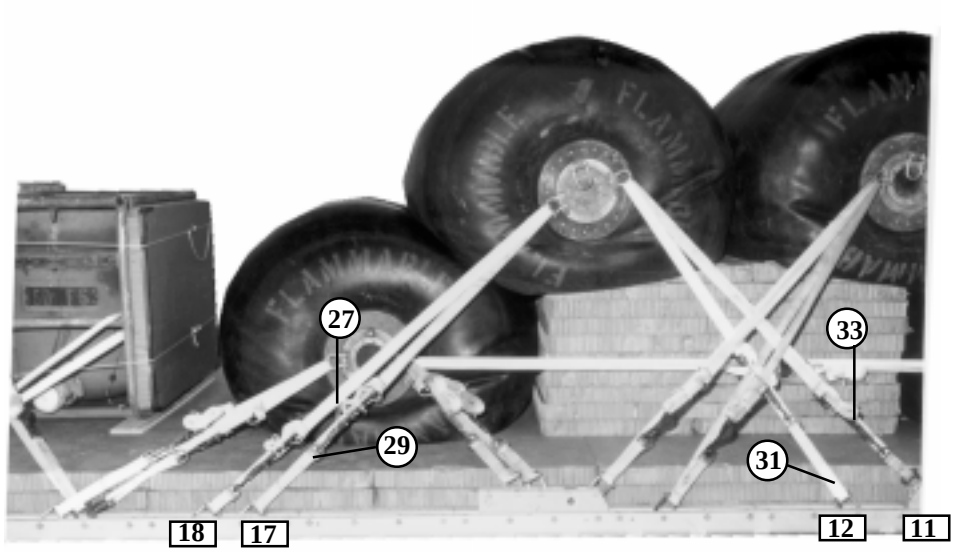


Steps:

1. Position the top rear drum to the rear of stack 10.

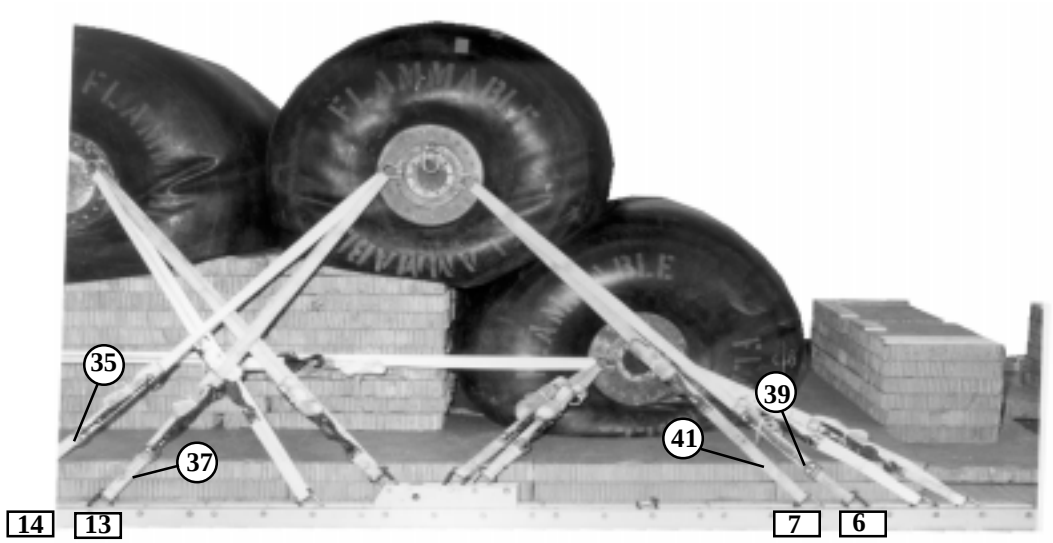
2. Position the top front drum to front of stack 10. Ensure each drum is equally placed on stack 10.

Figure 11-35. Top rear and top front drums positioned



Lashing Number	Clevis Number	Instructions
27	18	Route a 15-foot lashing from clevis 18 to the rear right shackle on the top rear drum.
28	18A	Route a 15-foot lashing from clevis 18A to the rear left shackle on the top rear drum.
29	17	Route a 15-foot lashing from clevis 17 to the rear right shackle on the top rear drum.
30	17A	Route a 15-foot lashing from clevis 17A to the rear left shackle on the top rear drum.
31	12	Route a 15-foot lashing from clevis 12 to the front right shackle on the top rear drum.
32	12A	Route a 15-foot lashing from clevis 12A to the front left shackle on the top rear drum.
33	11	Route a 15-foot lashing from clevis 11 to the front right shackle on the top rear drum.
34	11A	Route a 15-foot lashing from clevis 11A to the front left shackle on the top rear drum.

Figure 11-36. Lashings 27 through 34 installed



Lashing Number	Clevis Number	Instructions
35	14	Route a 15-foot lashing from clevis 14 to the rear right shackle on the top front drum.
36	14A	Route a 15-foot lashing from clevis 14A to the rear left shackle on the top front drum.
37	13	Route a 15-foot lashing from clevis 13 to the rear right shackle on the top front drum.
38	13A	Route a 15-foot lashing from clevis 13A to the rear left shackle on the top front drum.
39	6	Route a 15-foot lashing from clevis 6 to the front right shackle on the top front drum.
40	6A	Route a 15-foot lashing from clevis 6A to the front left shackle on the top front drum.
41	7	Route a 15-foot lashing from clevis 7 to the front right shackle on the top front drum.
42	7A	Route a 15-foot lashing from clevis 7A to the front left shackle on the top front drum.

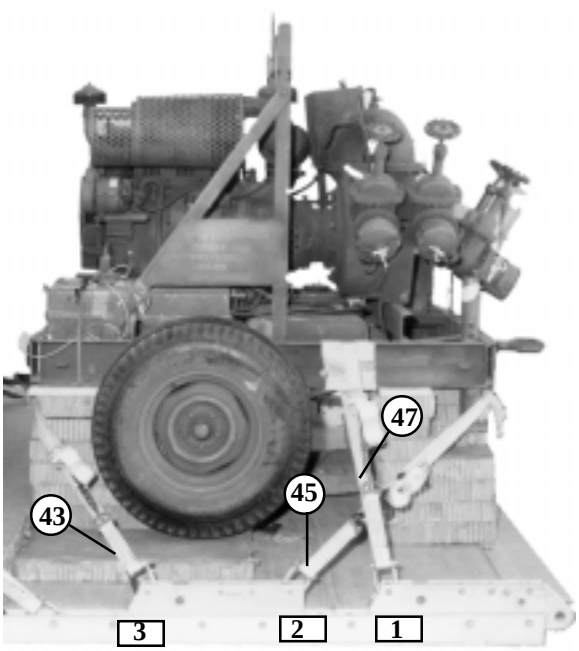
Figure 11-37. Lashings 35 through 42 installed

11-35. Preparing and Positioning the Pump

Prepare and position the pump as shown in Figure 11-16.

11-36. Lashing Pump to Platform

Lash the pump to platform as shown in Figure 11-38.



Lashing Number	Clevis Number	Instructions
43	3	Route a 15-foot lashing from clevis 3 to the right rear tiedown point.
44	3A	Route a 15-foot lashing from clevis 3A to the left rear tiedown point.
45	2	Route a 15-foot lashing from clevis 2 to the right front tiedown point.
46	2A	Route a 15-foot lashing from clevis 2A to the left front tiedown point.
47	1	Route a 15-foot lashing from clevis 1 to the right side frame.
48	1A	Route a 15-foot lashing from clevis 1A to the left side frame.
49	8	Route a 15-foot lashing from clevis 8 to the right rear tiedown point (not shown).
50	8A	Route a 15-foot lashing from clevis 8A to the left rear tiedown point.

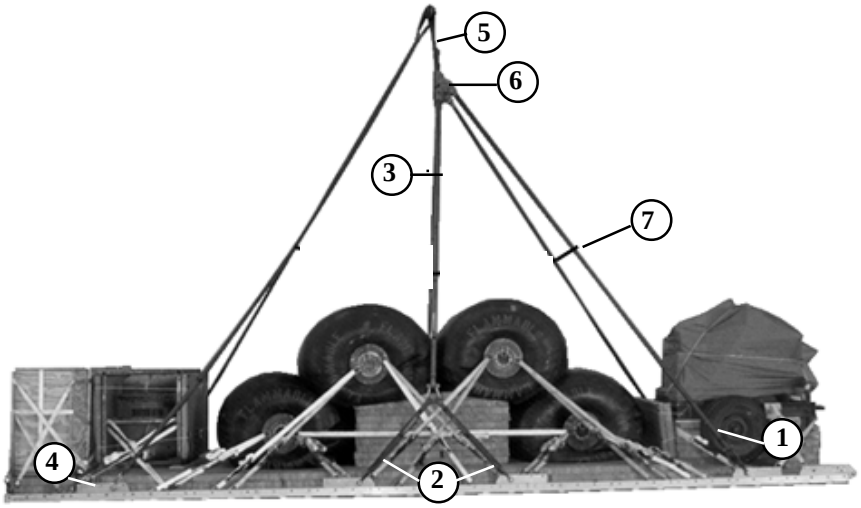
Figure 11-38. Lashings 43 through 50 installed

11-37. Placing Canvas Cover Over Pump

Place a canvas cover over the pump as shown in Figure 11-18.

11-38. Installing Suspension Slings and Safety Tie

Install suspension slings and safety tie as shown in Figure 11-39.

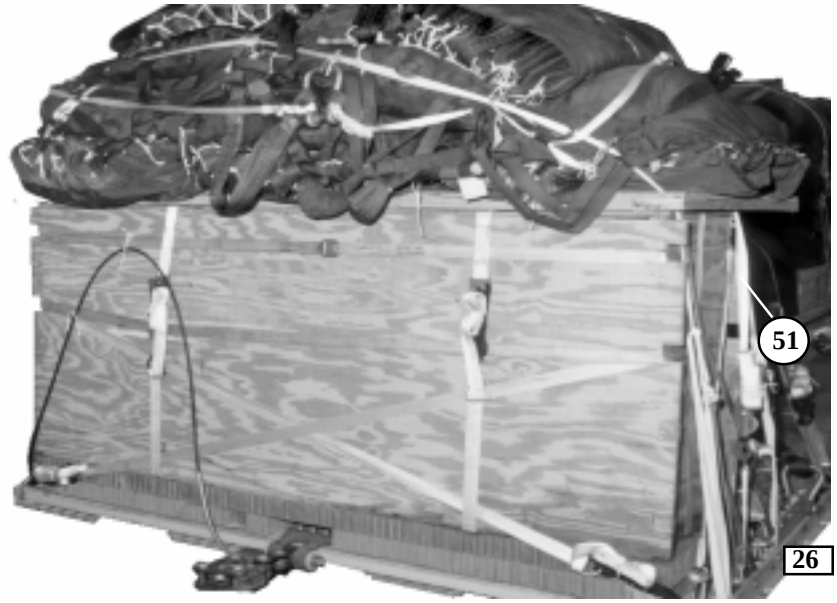


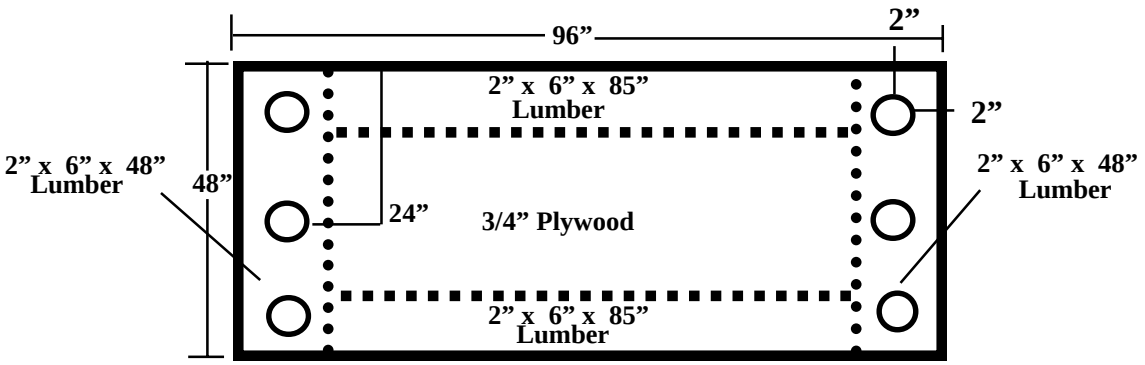
1. Place two large clevises in one end of two16-foot (4-loop), type XXVI nylon suspension slings. Attach the clevis to each front suspension link.
2. Place a large clevis in one end of the four 3-foot (4-loop), type XXVI nylon suspension slings. Attach the large clevis to each of the center suspension links.
3. Place a large clevis in one end of two 9-foot (4-loop), type XXVI nylon suspension slings. Attach the large clevises to the two 3-foot slings on each side of the platform.
4. Place a large clevis in one end of two 20-foot (4-loop), type XXVI nylon suspension slings. Attach the clevis to each rear suspension link.
5. Place two 3-foot (4-loop), type XXVI nylon suspension slings on two 3-point links.
6. Attach the 16-foot and 9-foot slings to the 3-point link and tape.
7. Raise the slings and install the safety tie to the front and rear set of suspension slings using double 1/2-inch tubular nylon.

Figure 11-39. Suspension slings and safety tie installed

11-39. Building and Positioning Parachute Stowage Platform

Build and position parachute stowage platform as shown in Figure 11-40. After building the parachute stowage platform, place it on the equipment hose box.



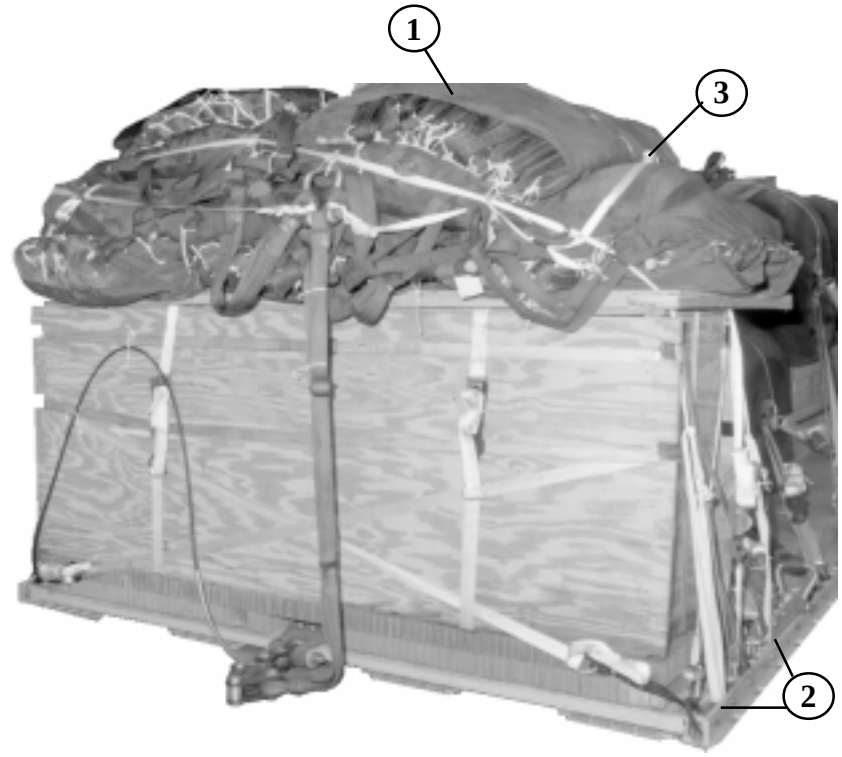


Lashing Number	Clevis Number	Instructions
51	26	Route a 15-foot lashing from clevis 26 through both rear right holes in the parachute stowage platform.
52	26A	Route a 15-foot lashing from clevis 26A through both rear left holes in the parachute stowage platform.

Figure 11-40. Lashings 51 and 52 installed

11-40. Preparing and Stowing Cargo Parachutes

Prepare and stow cargo parachutes as shown in Figure 11-41.



Step:

1. Prepare and stow five G-11 cargo parachutes in accordance with FM 10-500-2/ TO13C7-1-5.

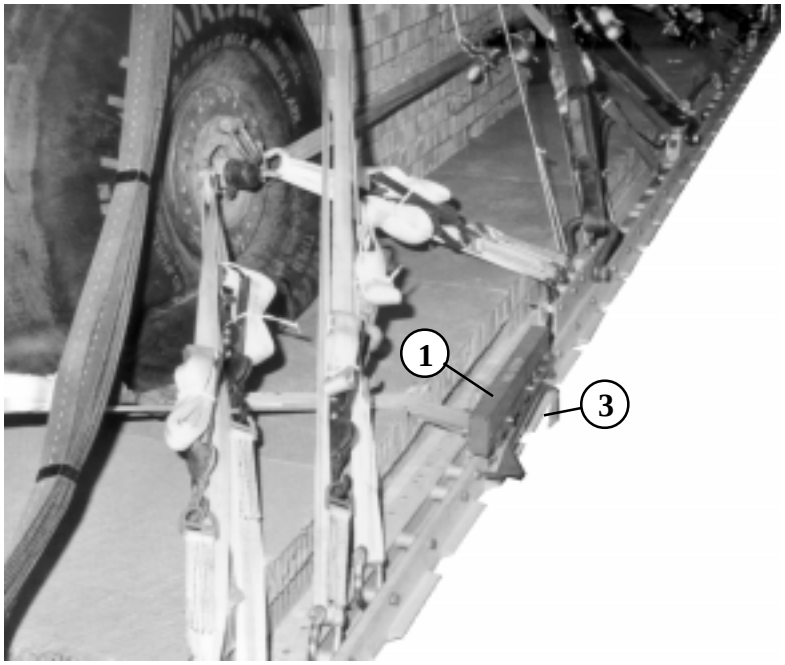
2. Restrain the parachutes using bushings 55 and 55A on the platform and bushings 3 and 3A on the rear suspension link.

3. Install the multicut parachute strap in accordance with FM 10-500-2/TO13C7-1-5.

Figure 11-41. Cargo parachutes prepared and stowed

11-41. Installing the Extraction System

Install the extraction system as shown in Figure 11-42.



(1) Install the extraction force transfer coupling in accordance with FM 10 500-2/ TO13C7-1-5.

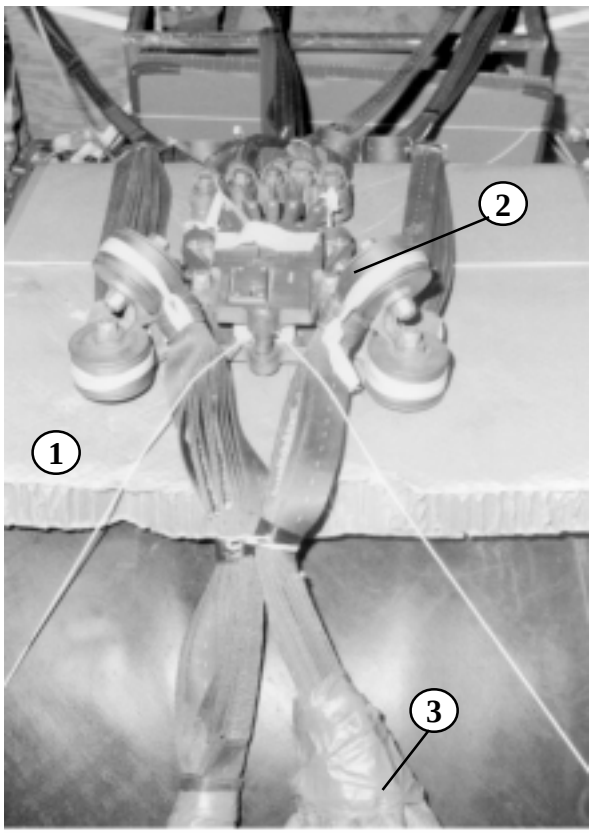
(2) Use a 9-foot (2-loop), type XXVI nylon sling for use as a deployment line (not shown).

(3) Use the rear mounting holes for the EFTC bracket and a 28-foot cable.

Figure 11-42. Extraction system installed

11-42. Installing the Release System

Install the release system as shown in Figure 11-43.



Step:

1. Place and secure a 96-inch by 24-inch piece of honeycomb from the separator to the top of the top rear drum.

2. Attach the suspension slings and the riser extensions to the M-2 release according to FM 10-500-2/TO 13C7-1-5. Secure the release to the platform with type III nylon cord.

3. S-fold and tie any slack in the suspension slings with 1/4-inch cotton webbing.

Figure 11-43. Release system installed

11-43. Installing Provisions for Emergency Restraints

Select and install provisions for the emergency restraints according to the emergency aft restraint requirement table in FM 10-500-2/ TO 13C7-1-5.

11-44. Placing Extraction Parachutes

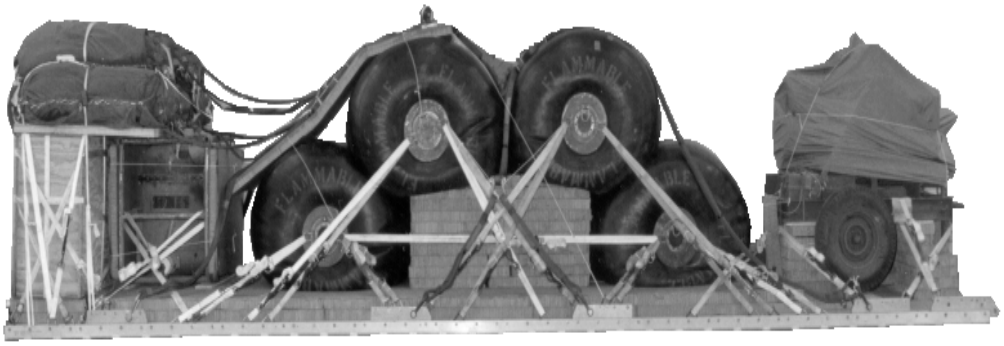
Select the extraction parachutes and extraction line needed using the extraction line requirement table in FM 10-500-2/TO 13C7-1-5. Place the extraction parachutes and extraction line on the load for installation in aircraft.

11-45. Marking Rigged Load

Mark the rigged load according to FM 10-500-2/TO 13C7-1-5 and as shown in Figure 11-44. Complete Shipper's Declaration for Dangerous Goods form. If the load varies from the one shown, the weight, height, CB, and parachute requirements must be recomputed.

11-46. Equipment Required

Use the equipment listed in Table 11-2 to rig this load.



RIGGED LOAD DATA

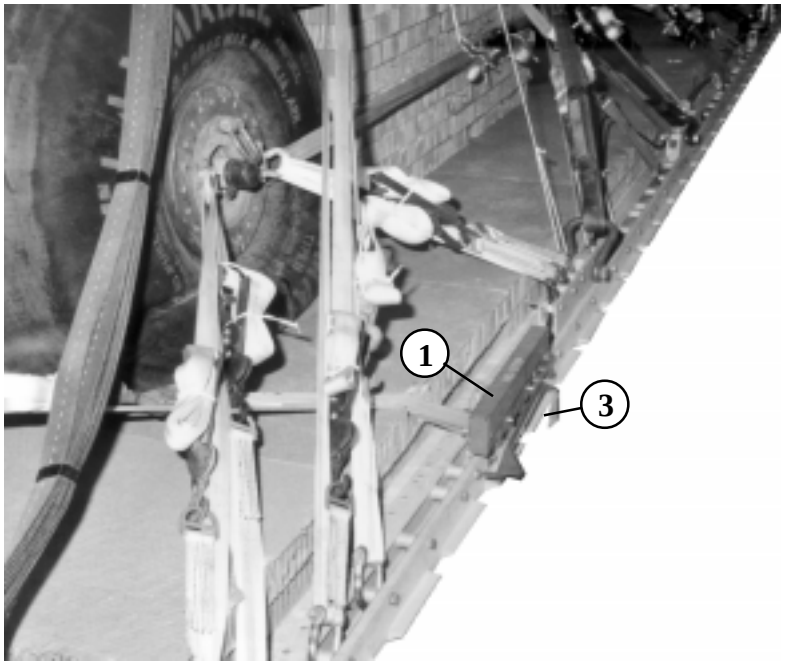
WEIGHT	**24,408 POUNDS**
MAXIMUM	**25,658 POUNDS**
HEIGHT	**89 INCHES**
WIDTH	**108 INCHES**
LENGTH	**376 INCHES**
OVERHANG	**FRONT 18 INCHES** **REAR 22 INCHES**

CENTER OF BALANCE: FROM THE FRONT EDGE OF THE PLATFORM: 172 INCHES

Figure 11-44. Four 500-gallon drums with a pump and separator rigged

11-41. Installing the Extraction System

Install the extraction system as shown in Figure 11-42.



(1) Install the extraction force transfer coupling in accordance with FM 10 500-2/ TO13C7-1-5.

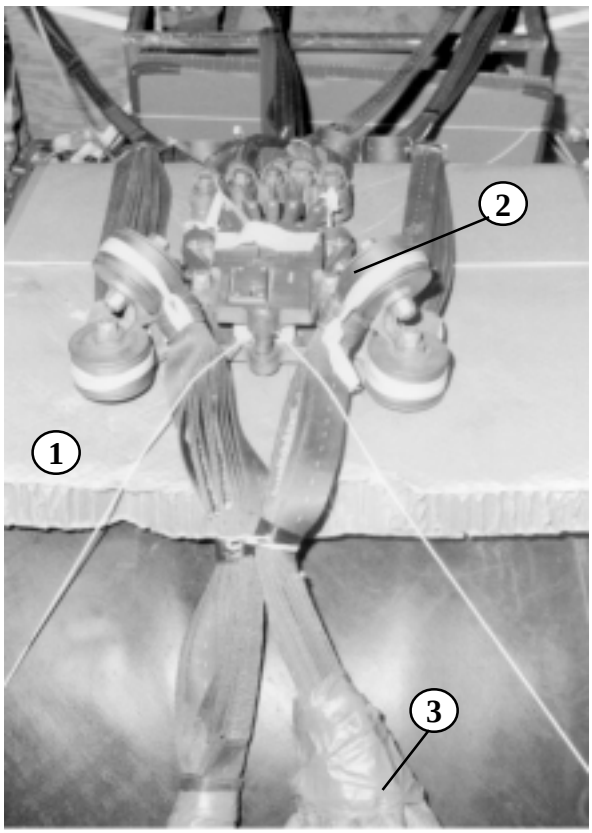
(2) Use a 9-foot (2-loop), type XXVI nylon sling for use as a deployment line (not shown).

(3) Use the rear mounting holes for the EFTC bracket and a 28-foot cable.

Figure 11-42. Extraction system installed

11-42. Installing the Release System

Install the release system as shown in Figure 11-43.



Step:

1. Place and secure a 96-inch by 24-inch piece of honeycomb from the separator to the top of the top rear drum.

2. Attach the suspension slings and the riser extensions to the M-2 release according to FM 10-500-2/TO 13C7-1-5. Secure the release to the platform with type III nylon cord.

3. S-fold and tie any slack in the suspension slings with 1/4-inch cotton webbing.

Figure 11-43. Release system installed

11-43. Installing Provisions for Emergency Restraints

Select and install provisions for the emergency restraints according to the emergency aft restraint requirement table in FM 10-500-2/ TO 13C7-1-5.

11-44. Placing Extraction Parachutes

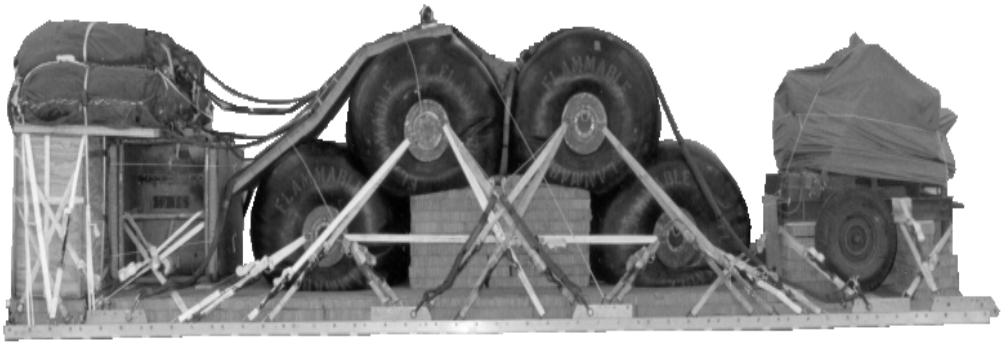
Select the extraction parachutes and extraction line needed using the extraction line requirement table in FM 10-500-2/TO 13C7-1-5. Place the extraction parachutes and extraction line on the load for installation in aircraft.

11-45. Marking Rigged Load

Mark the rigged load according to FM 10-500-2/TO 13C7-1-5 and as shown in Figure 11-44. Complete Shipper's Declaration for Dangerous Goods form. If the load varies from the one shown, the weight, height, CB, and parachute requirements must be recomputed.

11-46. Equipment Required

Use the equipment listed in Table 11-2 to rig this load.



RIGGED LOAD DATA

WEIGHT	**24,408 POUNDS**
MAXIMUM	**25,658 POUNDS**
HEIGHT	**89 INCHES**
WIDTH	**108 INCHES**
LENGTH	**376 INCHES**
OVERHANG	**FRONT 18 INCHES** **REAR 22 INCHES**

CENTER OF BALANCE: FROM THE FRONT EDGE OF THE PLATFORM: 172 INCHES

Figure 11-44. Four 500-gallon drums with a pump and separator rigged