

SECTION II - RIGGING CARRIERS ON A 20-FOOT PLATFORM WITH ADDITIONAL ACCOMPANYING AMMUNITION LOAD

DESCRIPTION OF LOAD

3-16. The unrigged M1025 armament carrier (Figure 3-1) is described in Chapter 1. The truck and an accompanying load are rigged on a 20-foot type V platform for low-velocity airdrop. A load weighing a minimum of 800 pounds and a maximum of 2,000 pounds must be rigged in the truck. The load requires three G-11 cargo parachutes. The armament carriers listed on page 3-1 can be rigged using the procedures in this section.

PREPARING PLATFORM

3-17. Prepare a 20-foot, type V airdrop platform according to TM 10-1670-268-20&P/TO 13C7-52-22. Install four tandem links, two suspension links and 32 load tie-down clevises as shown in Figure 3-8.

- Notes:
1. The nose bumper may or may not be installed.
 2. Measurements given in this chapter are from the front edge of the platform, NOT from the front edge of the nose bumper.

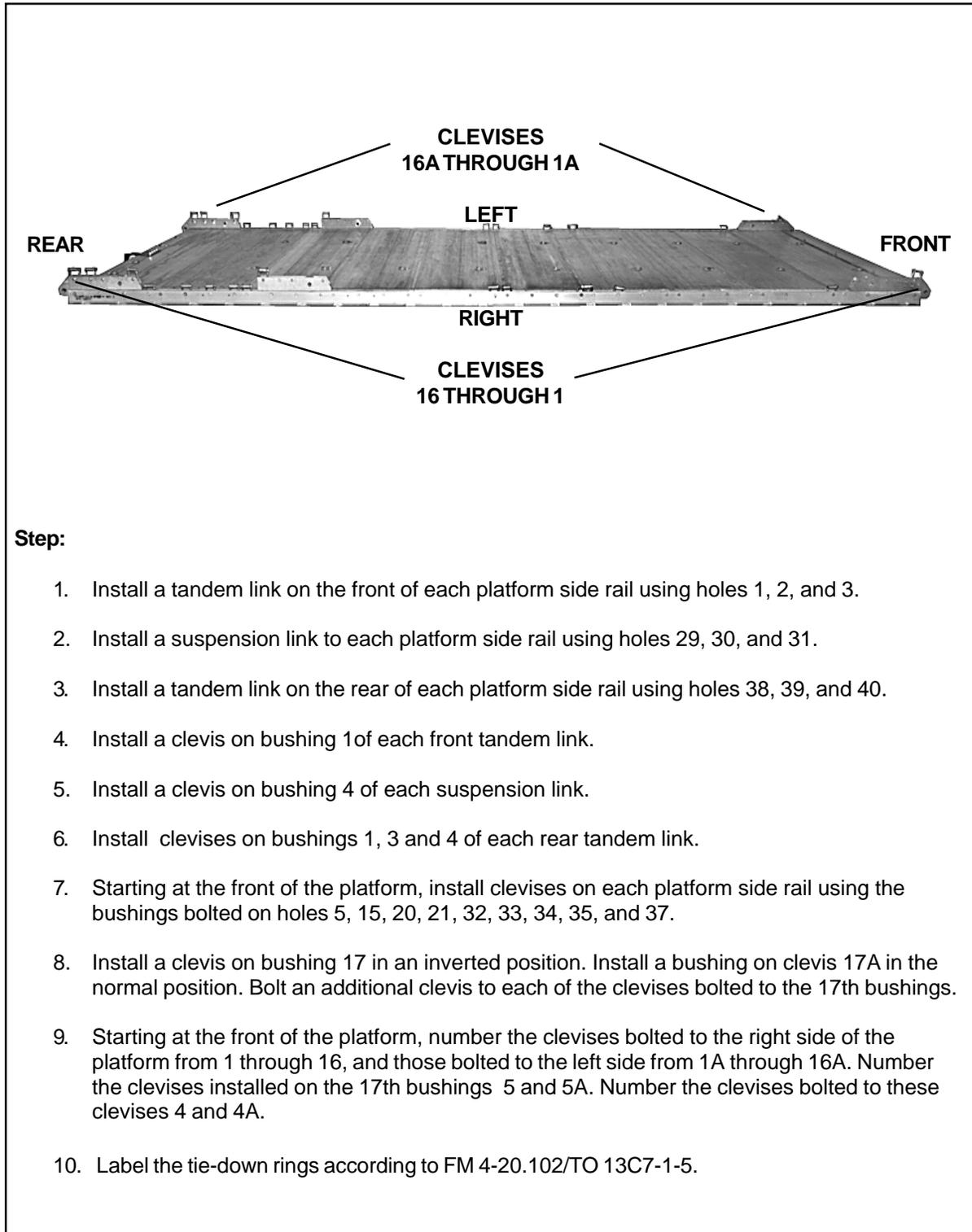


Figure 3-8. Platform Prepared

PREPARING AND POSITIONING HONEYCOMB STACKS

3-18. Prepare honeycomb stacks 1 through 3 as shown in Figures 2-3 and 2-4. Glue two 36- by 60-inch pieces of honeycomb flush together to make stack 4. Position the stacks on the platform as shown in Figure 3-9, and according to FM 4-20.102/TO 13C7-1-5.

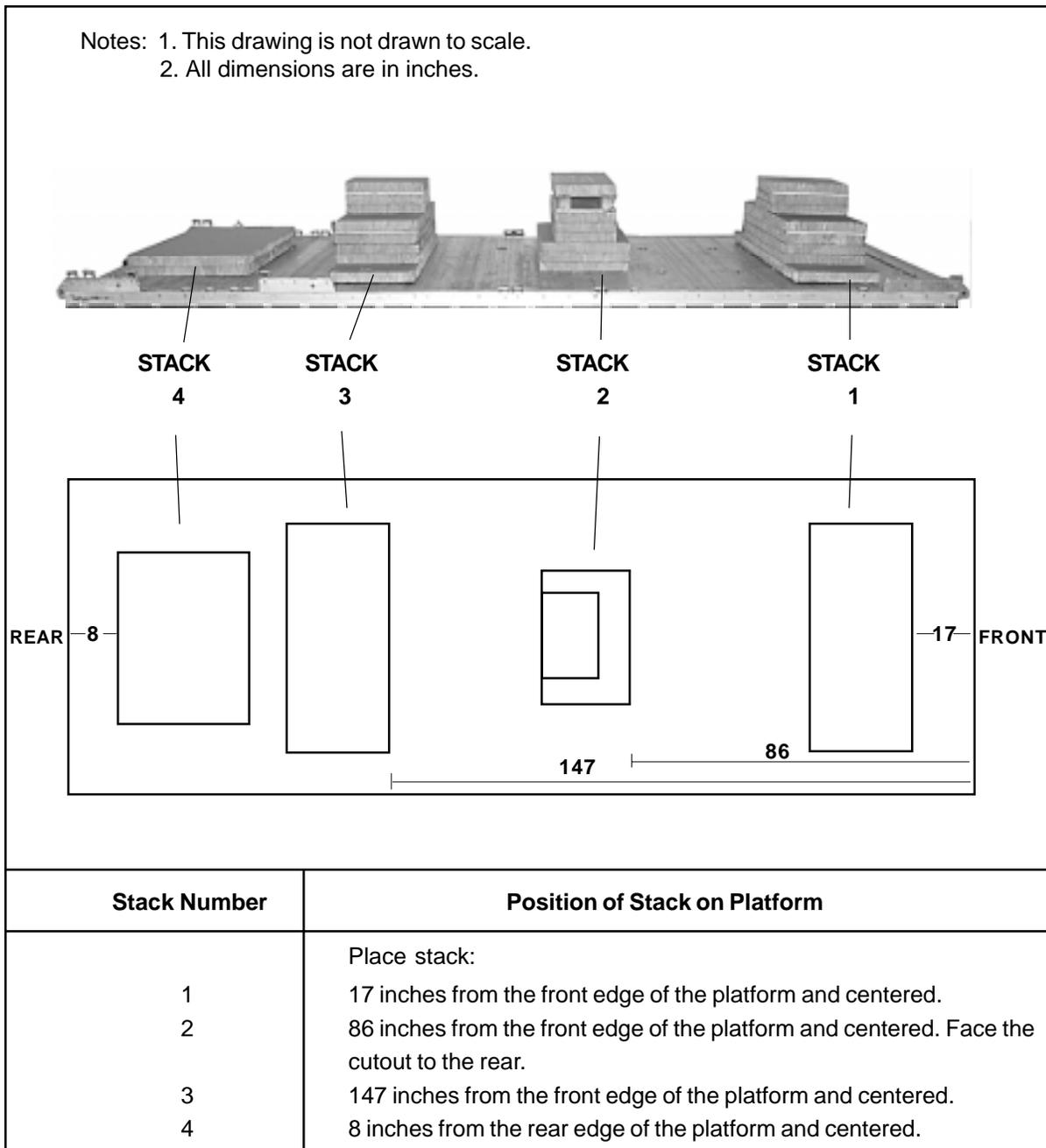


Figure 3-9. Honeycomb Stacks Positioned on Platform

RIGGING ACCOMPANYING LOADS ON THE PLATFORM AND IN THE TRUCK

3-19. The accompanying load shown is fourteen boxes of 20-millimeter ammunition. Any load of similar weight and configuration can be rigged on the platform. Rig this accompanying load on the platform as shown in Figure 3-10.

CAUTION

Only ammunition listed in FM 10-500-53/MCRP 4-3.81/TO 13C7-18-41 may be airdropped. Package, mark and label hazardous material according to AFJMAN 24-204/TM 38-250.

Rig an accompanying load in the truck as shown in Section I of this chapter. Chapter 5 shows specific accompanying loads. Make sure any accompanying loads meet the restrictions and requirements as outlined in FM 4-20.102/TO 13C7-1-5.

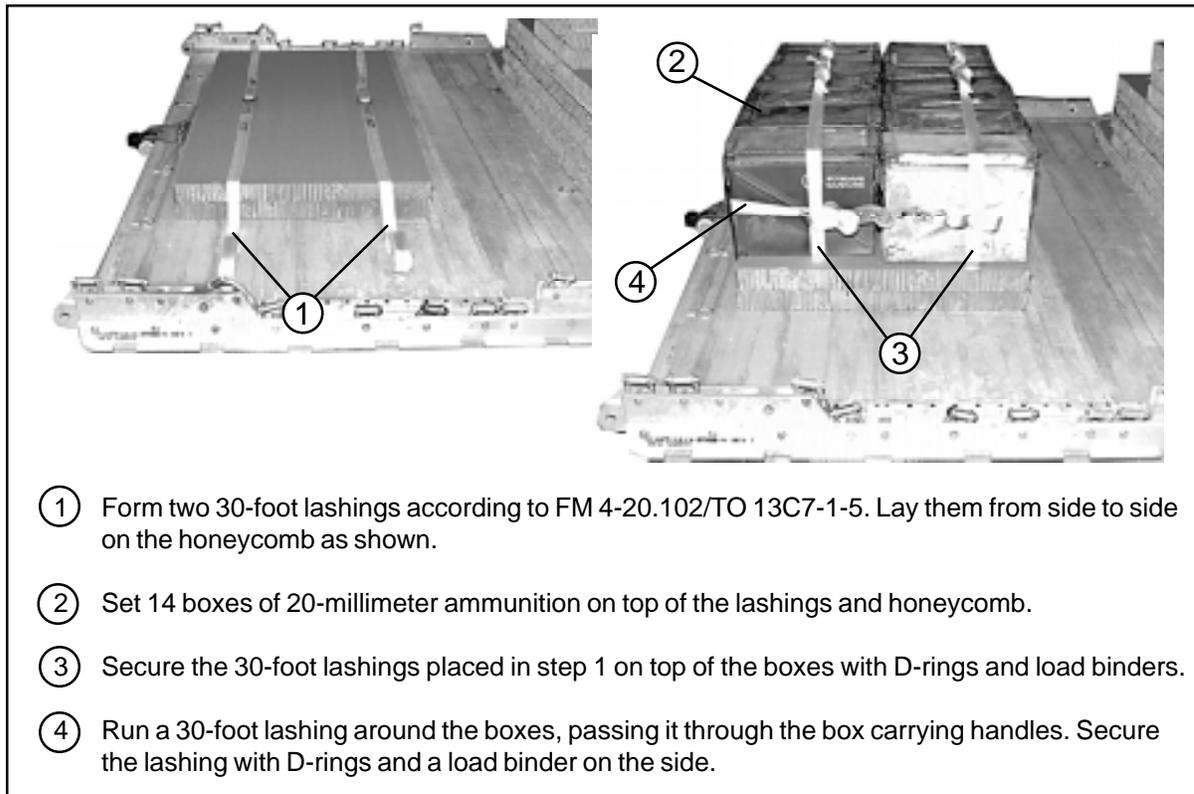


Figure 3-10. Accompanying Load Stowed on Platform

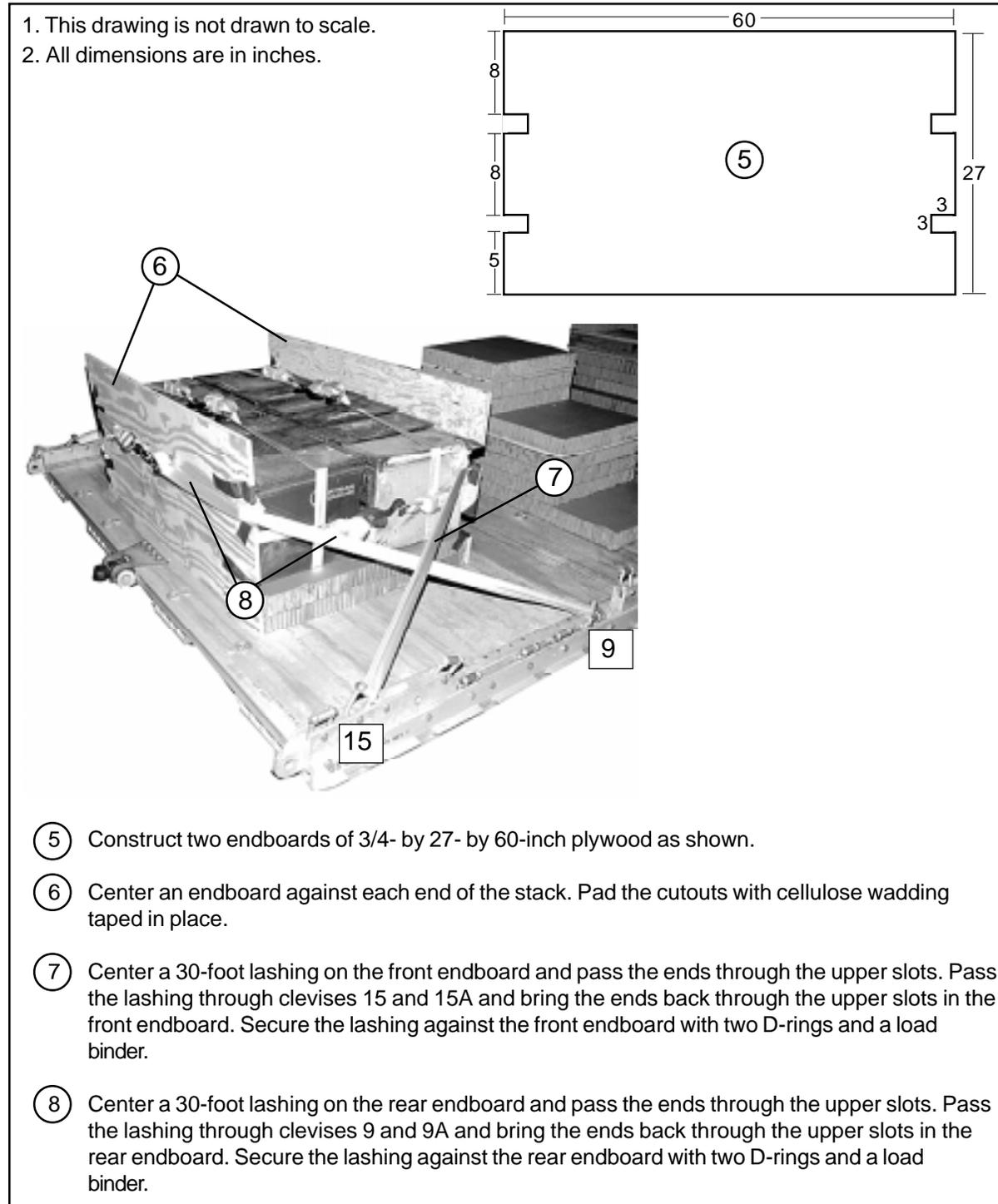


Figure 3-10. Accompanying Load Stowed on Platform (continued)

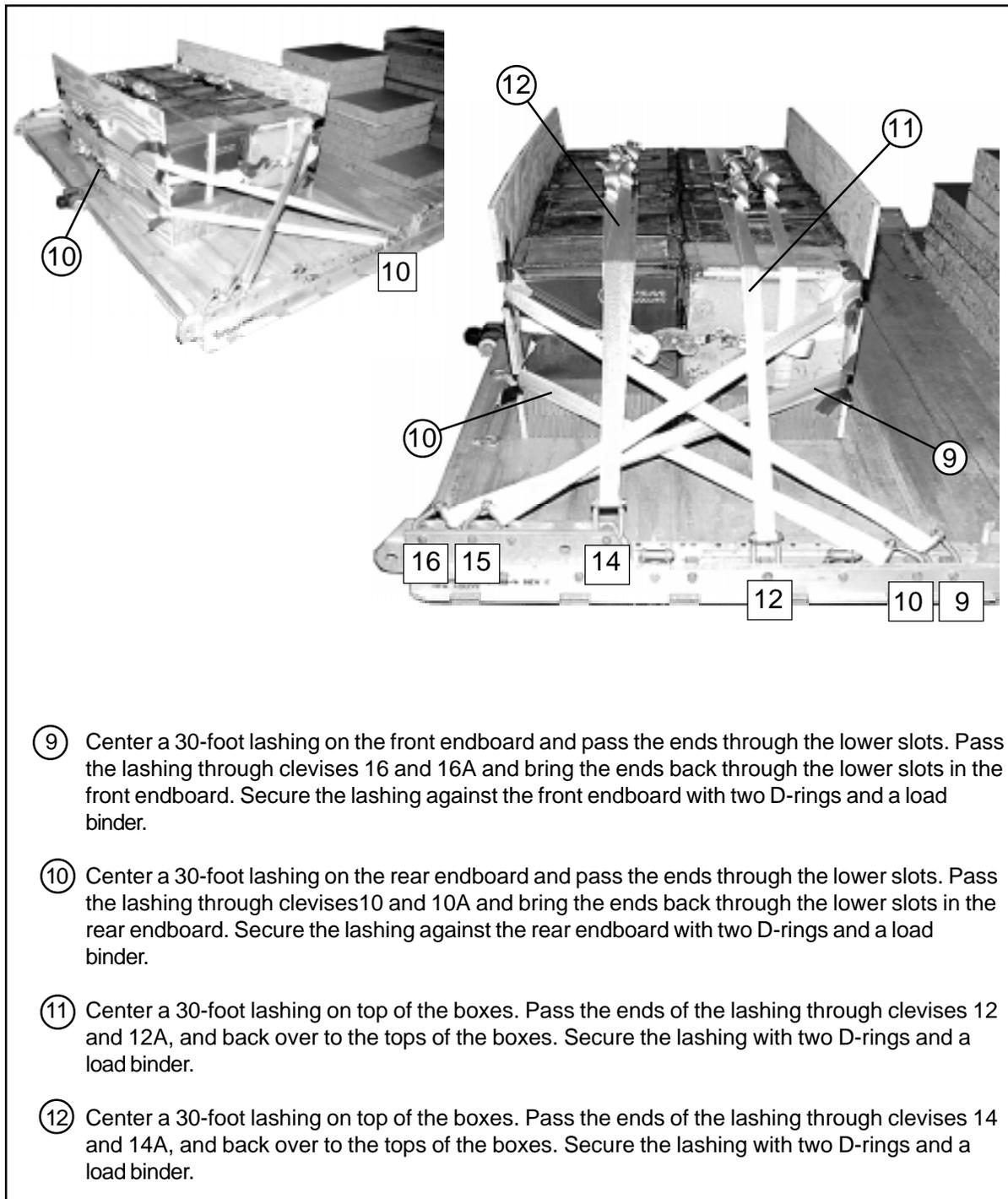


Figure 3-10. Accompanying Load Stowed on Platform (continued)

PREPARING TRUCK

3-20. Prepare the truck as described in paragraphs 2-4a through e, g, and h, and as shown in Figures 2-6 and 2-7, 2-8 (omit steps 1 and 3), 2-9, 2-11, and 2-12. Further prepare the closed-body HMMWV as shown in Figures 3-2 and 3-3 (omit step 3).

INSTALLING OPTIONAL DRIVE-OFF AIDS ON PLATFORM

3-21. Install the optional drive-off aids on the platform as shown in Figure 3-11.

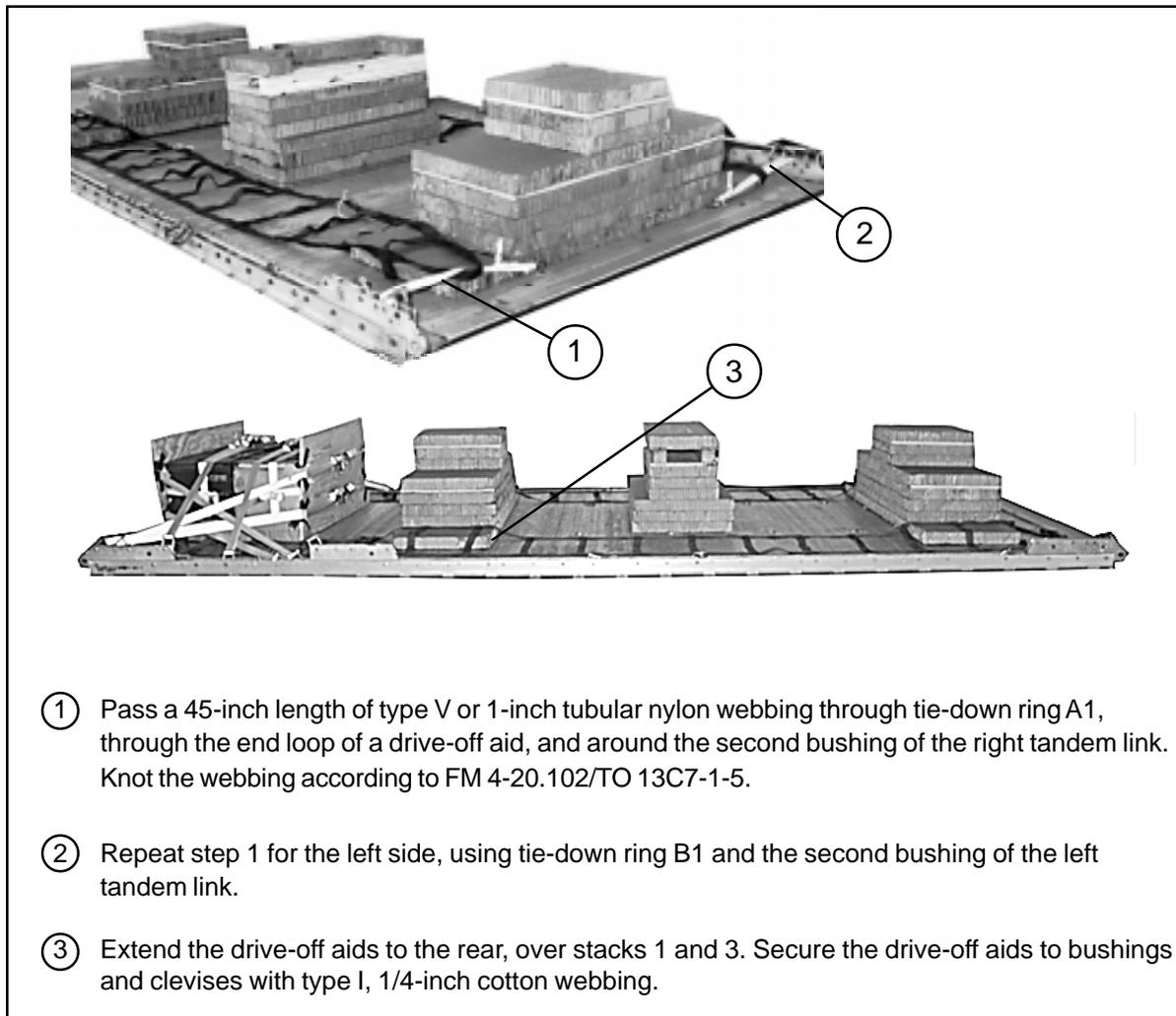


Figure 3-11. Drive-off Aids Installed on Platform

LIFTING AND POSITIONING TRUCK AND INSTALLING OPTIONAL DRIVE-OFF AIDS

3-22. Install lifting slings on the truck as shown in Figure 2-16. Position the truck on the platform as shown in Figure 3-12. Adapt the procedures in Figure 2-17 to install the drive-off aids to the front wheels of the truck.

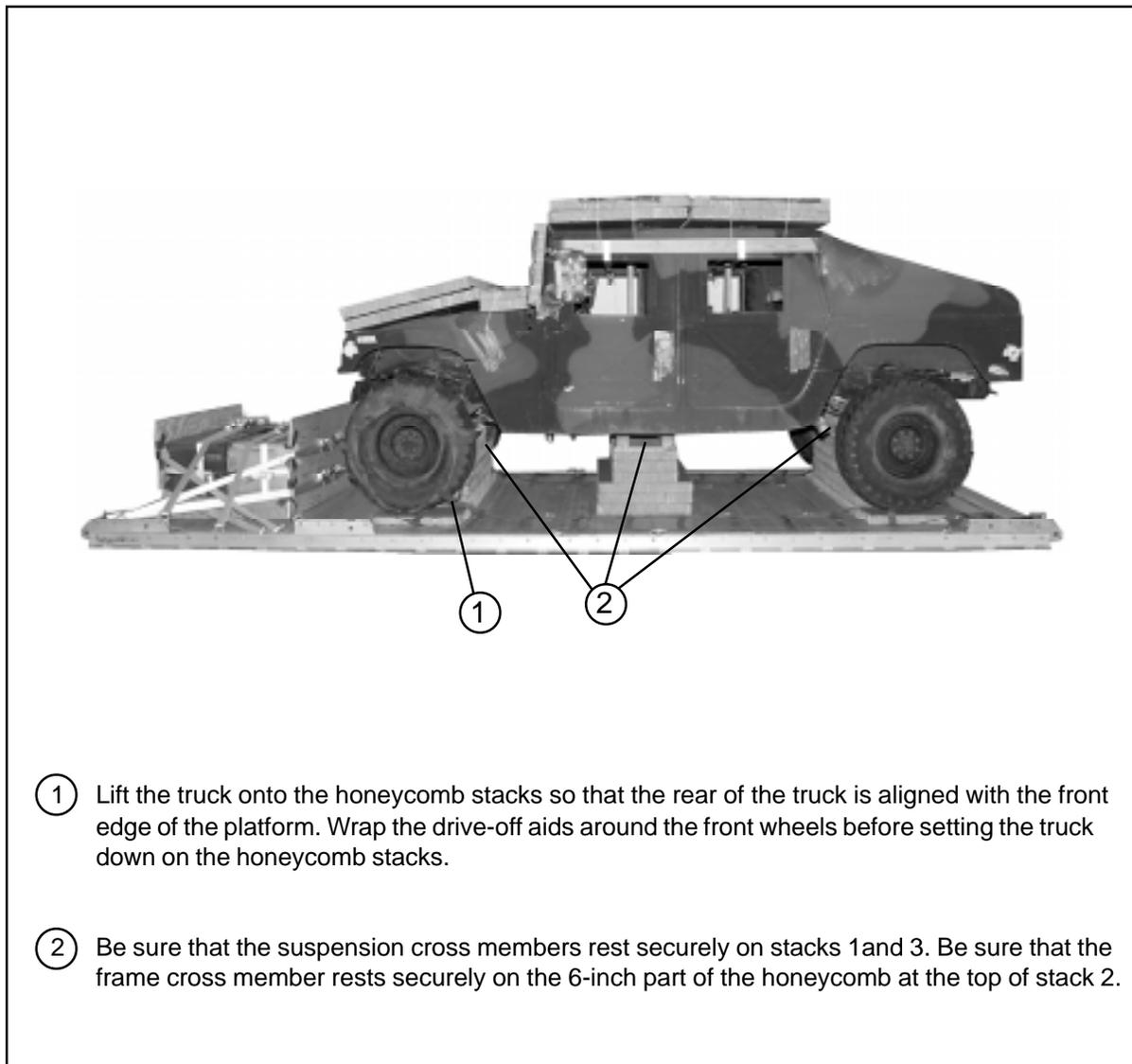
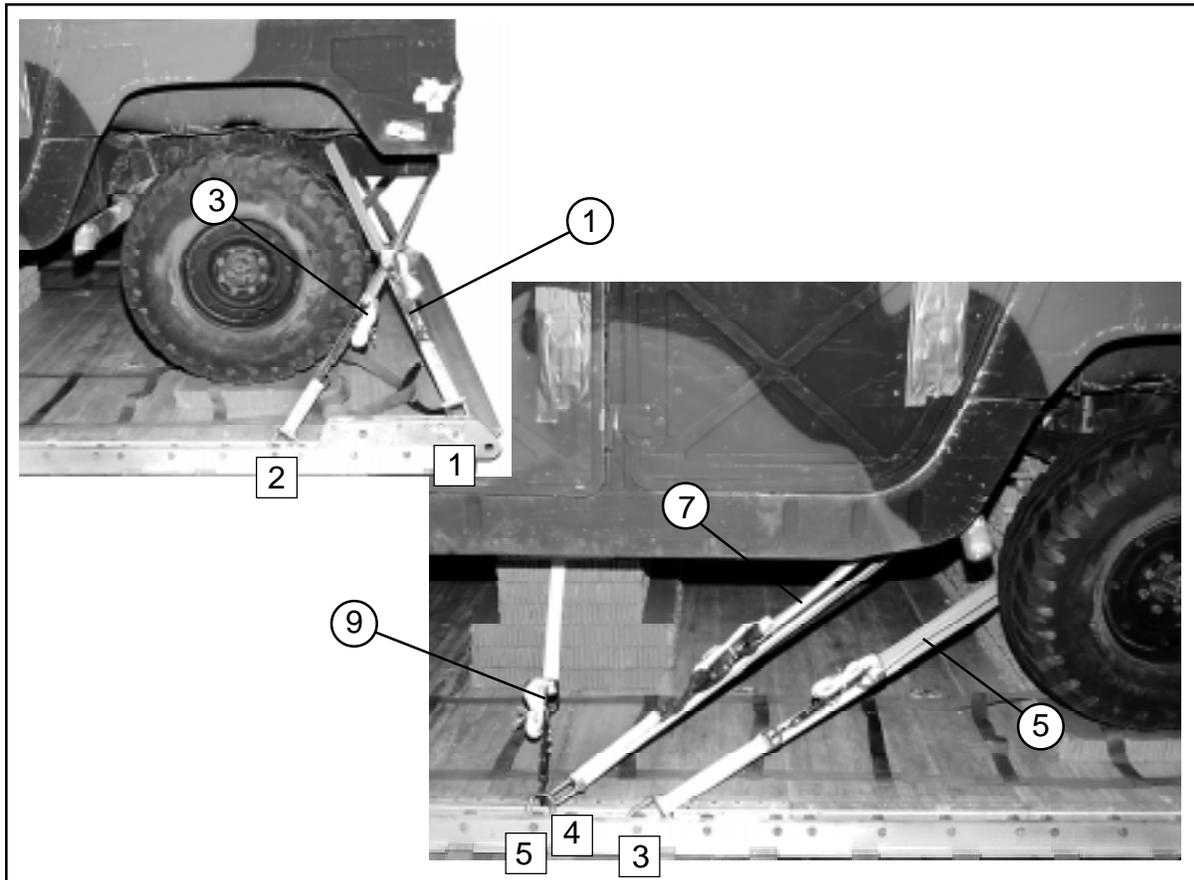


Figure 3- 12. Truck Positioned on Platform

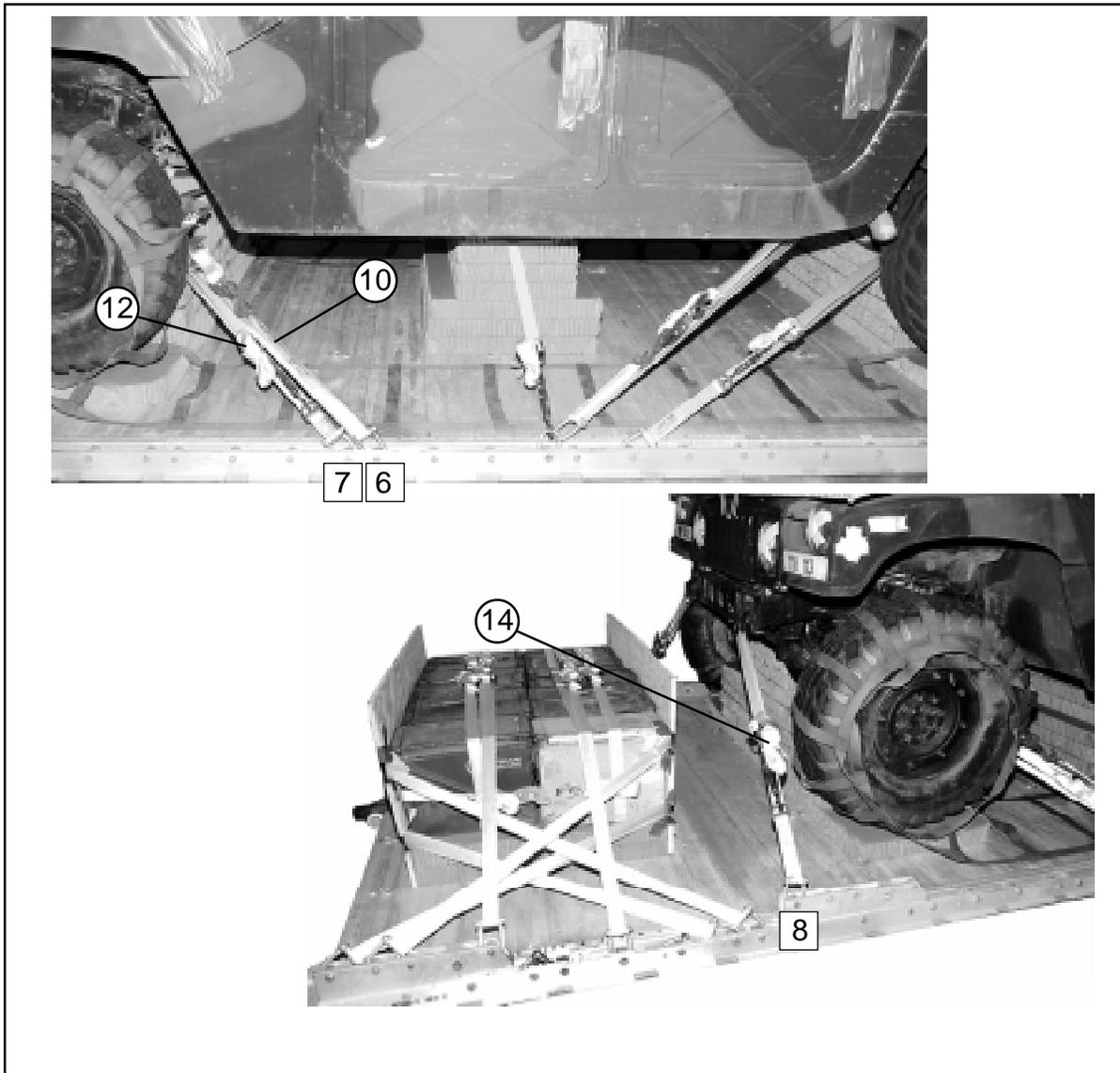
LASHING TRUCK

3-23. Lash the truck to the platform with fifteen 15-foot tie-down assemblies. Install the lashings according to FM 4-20.102/TO 13C7-1-5, and as shown in Figures 3-13 and 3-14.



Lashing Number	Tie-down Clevis Number	Instructions
1	1	Pass lashing:
2	1A	Through tie-down bracket behind left rear coil spring.
3	2	Through tie-down bracket behind right rear coil spring.
4	2A	Through left rear lifting shackle.
5	3	Through right rear lifting shackle.
6	3A	Around left rear lower control arm.
7	4	Around right rear lower control arm.
8	4A	Through tie-down bracket in front of left rear coil spring.
9	5 and 5A	Through tie-down bracket in front of right rear coil spring.
		Pass a 15-foot lashing through clevis 5A and through its own D-ring. Pass the lashing through the hole in stack 2. Attach the lashing to clevis 5 with a load binder.

Figure 3-13. Lashings 1 Through 9 Installed



Lashing Number	Tie-down Clevis Number	Instructions
10	6	Pass lashing: Through tie-down bracket behind left front coil spring. Through tie-down bracket behind right front coil spring. Around left lower control arm. Around right lower control arm. Through tie-down bracket on end of left frame rail. Through tie-down bracket on end of right frame rail.
11	6A	
12	7	
13	7A	
14	8	
15	8A	

Figure 3-14. Lashings 10 Through 15 Installed