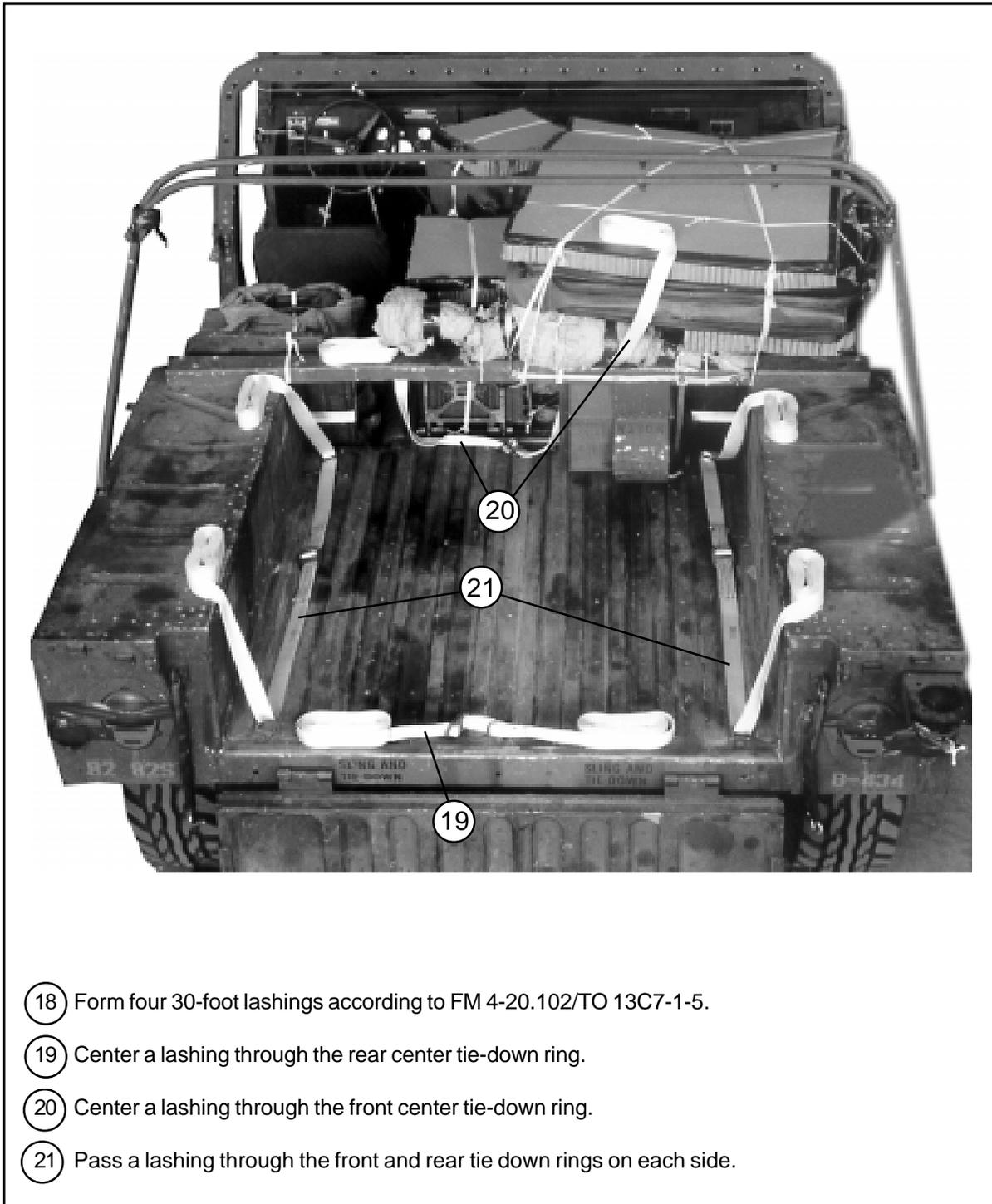


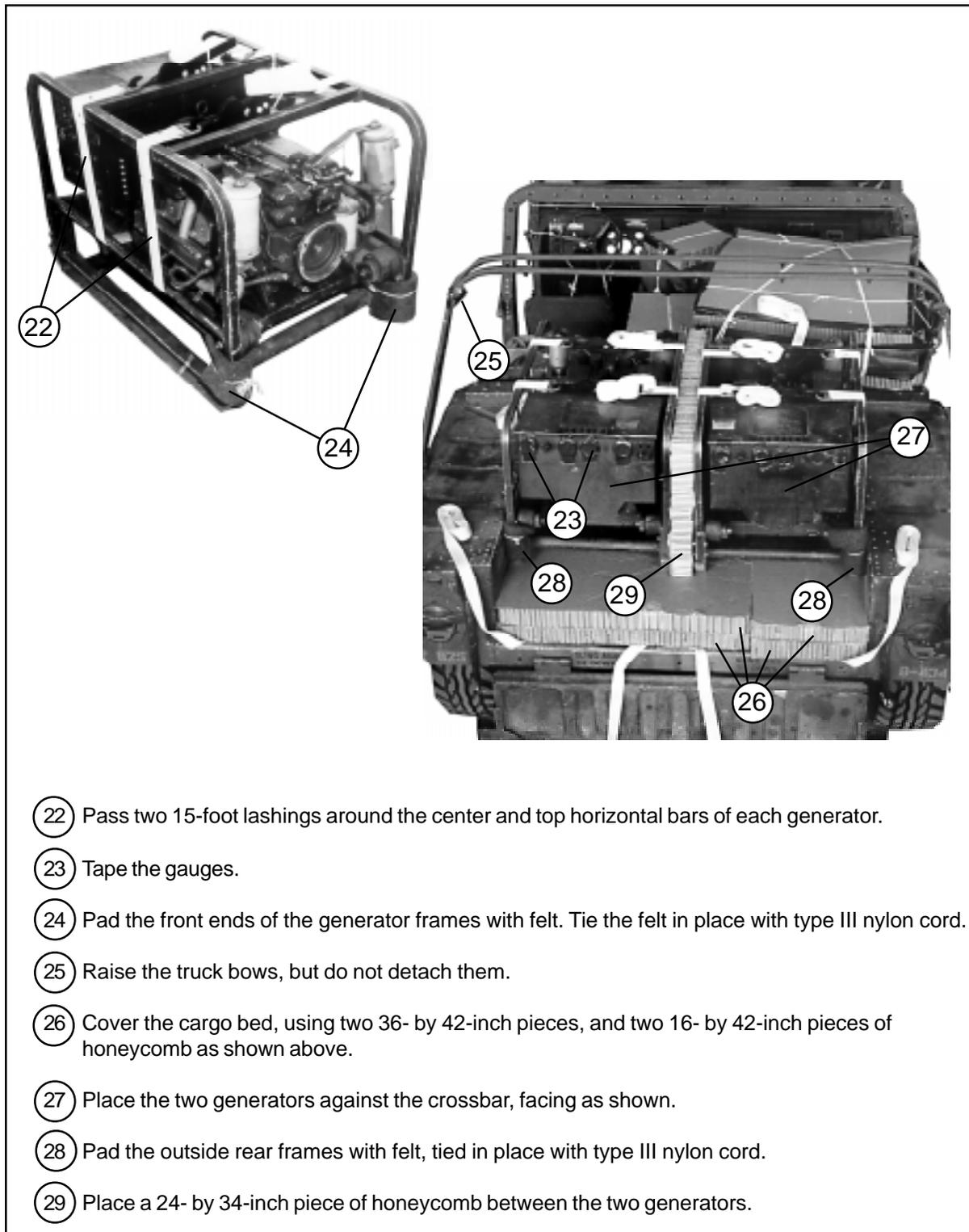
- 16 Place the truck doors and cover between two 36- by 46-inch pieces of honeycomb. Make a 6- by 16-inch cutout in the bottom piece to allow for the antenna mount. Cut the adjacent corner about 8 inches to allow for the crypto box. Tape the bottom and top edges of the honeycomb. Tie the bundle together with two lengths of type III nylon cord
- 17 Place the doors and cover on top of the right rear seat and teletype, with the cutout in the bottom honeycomb piece over the antenna mount. Tie the bundle to the crossbar and front seat braces with two lengths of 1/2-inch tubular nylon webbing.

Figure 5-5. AN/VSC-2 Radioteletype Rigged in M998 Tuck (continued)



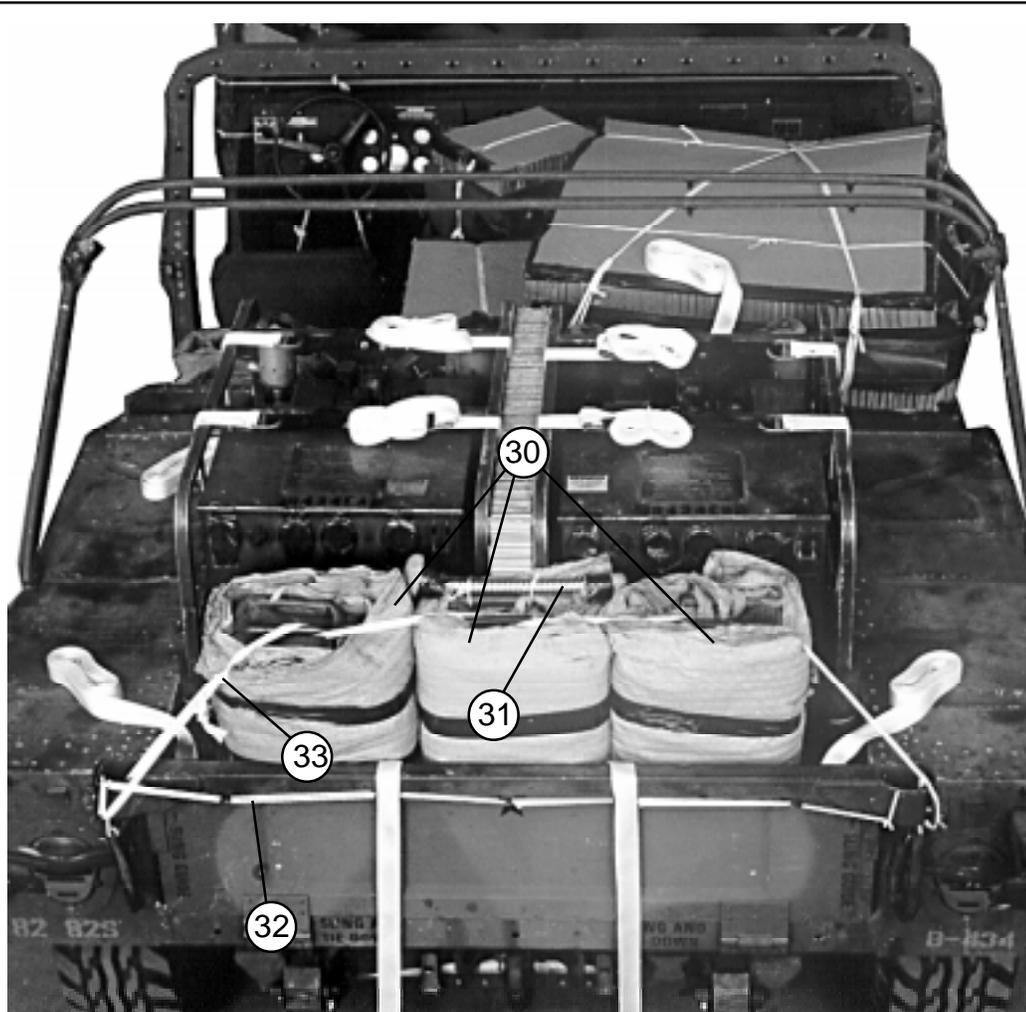
- ⑱ Form four 30-foot lashings according to FM 4-20.102/TO 13C7-1-5.
- ⑲ Center a lashing through the rear center tie-down ring.
- ⑳ Center a lashing through the front center tie-down ring.
- ㉑ Pass a lashing through the front and rear tie down rings on each side.

**Figure 5-5. AN/VSC-2 Radioteletype Rigged in M998 Tuck (continued)**



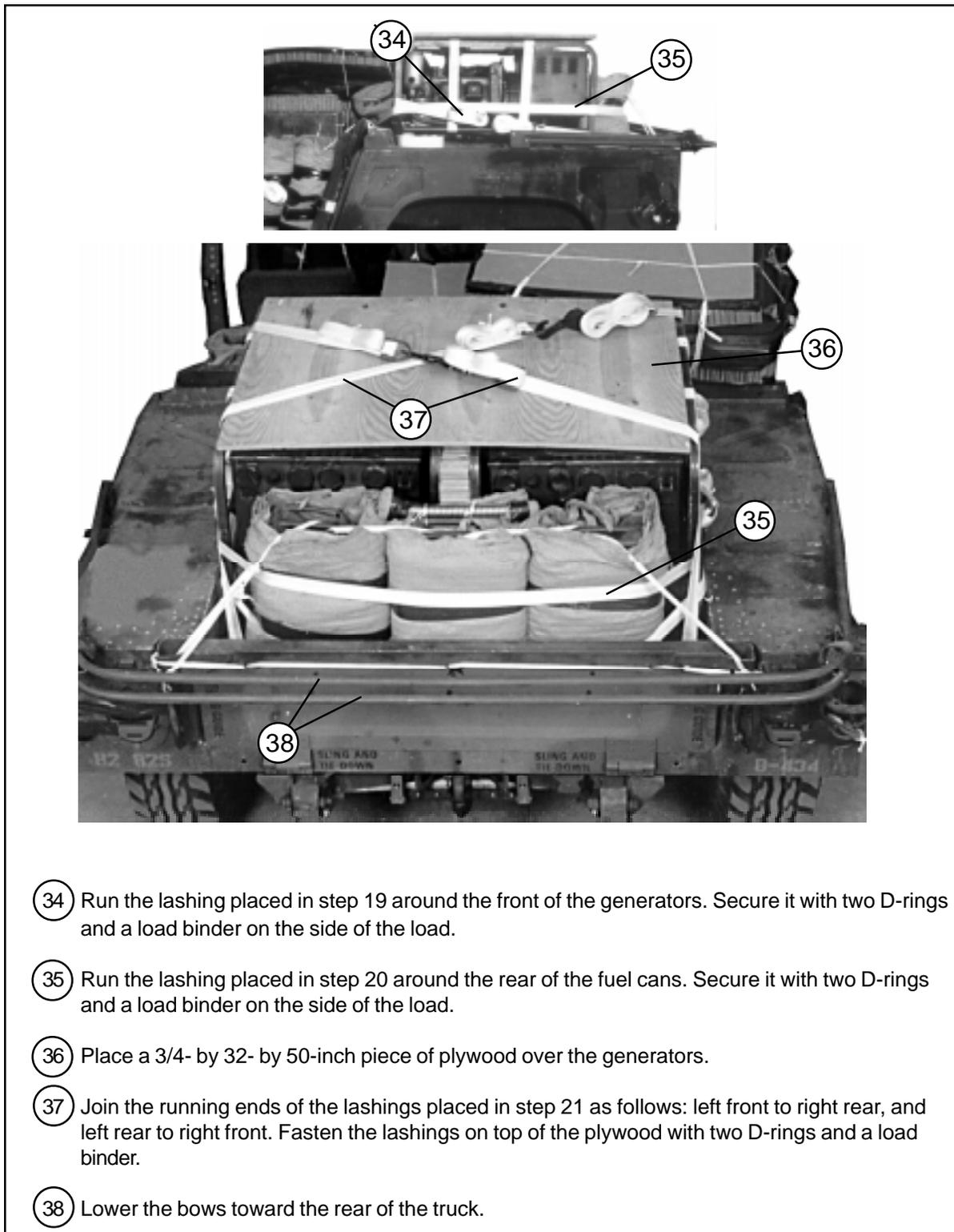
- ②② Pass two 15-foot lashings around the center and top horizontal bars of each generator.
- ②③ Tape the gauges.
- ②④ Pad the front ends of the generator frames with felt. Tie the felt in place with type III nylon cord.
- ②⑤ Raise the truck bows, but do not detach them.
- ②⑥ Cover the cargo bed, using two 36- by 42-inch pieces, and two 16- by 42-inch pieces of honeycomb as shown above.
- ②⑦ Place the two generators against the crossbar, facing as shown.
- ②⑧ Pad the outside rear frames with felt, tied in place with type III nylon cord.
- ②⑨ Place a 24- by 34-inch piece of honeycomb between the two generators.

**Figure 5-5. AN/VSC-2 Radioteletype Rigged in M998 Tuck (continued)**



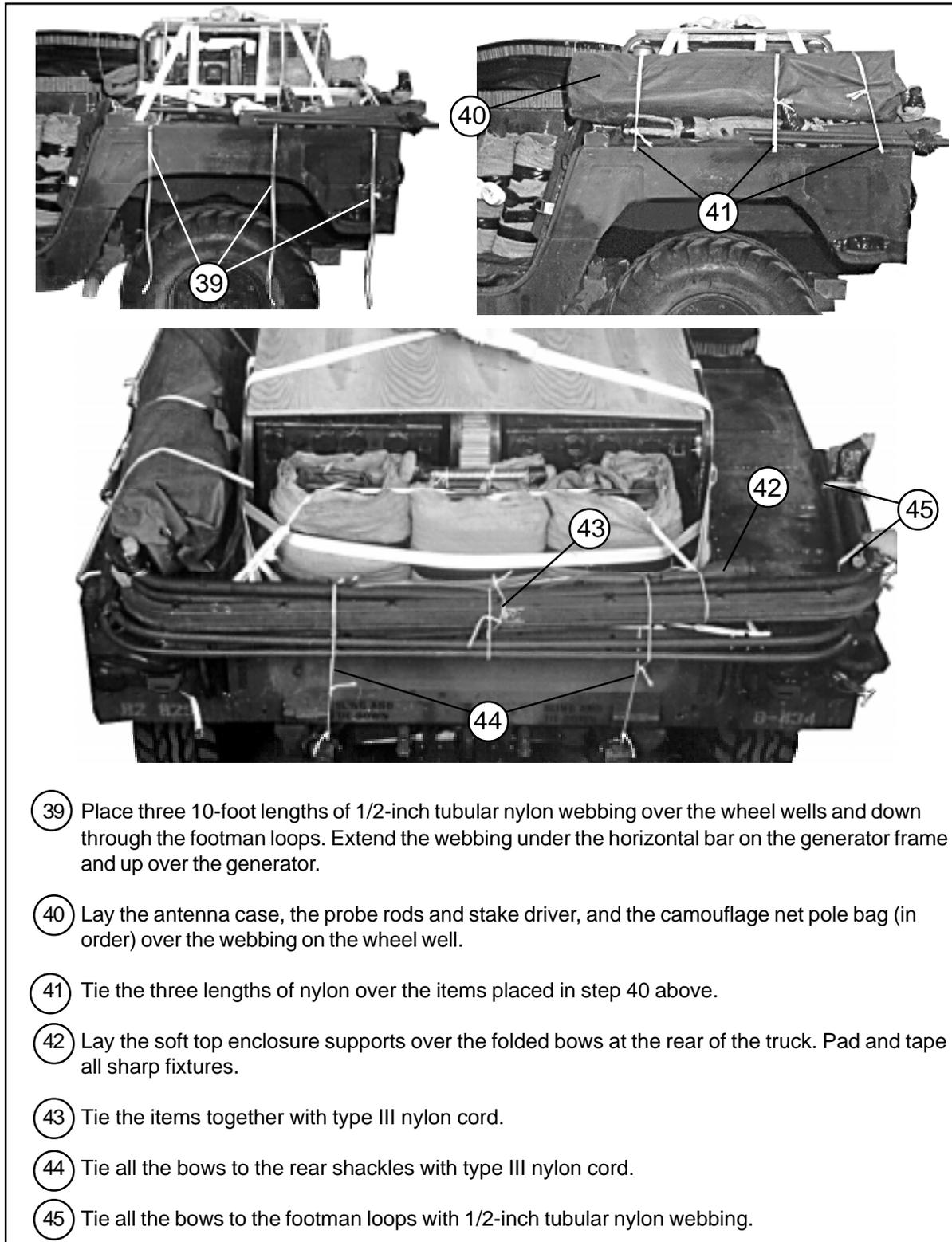
- ③0 Pad three filled fuel cans with cellulose wadding, and tape the wadding in place. Set the fuel cans flat against the rear of the generators.
- ③1 Tie a filler nozzle to the center can handle with type III nylon cord.
- ③2 Close the tailgate and tie it with 1/2-inch tubular nylon webbing.
- ③3 Secure the fuel cans to the tailgate brackets with 1/2-inch tubular nylon webbing, running the webbing through the can handles.

**Figure 5-5. AN/VSC-2 Radioteletype Rigged in M998 Tuck (continued)**



- ③④ Run the lashing placed in step 19 around the front of the generators. Secure it with two D-rings and a load binder on the side of the load.
- ③⑤ Run the lashing placed in step 20 around the rear of the fuel cans. Secure it with two D-rings and a load binder on the side of the load.
- ③⑥ Place a 3/4- by 32- by 50-inch piece of plywood over the generators.
- ③⑦ Join the running ends of the lashings placed in step 21 as follows: left front to right rear, and left rear to right front. Fasten the lashings on top of the plywood with two D-rings and a load binder.
- ③⑧ Lower the bows toward the rear of the truck.

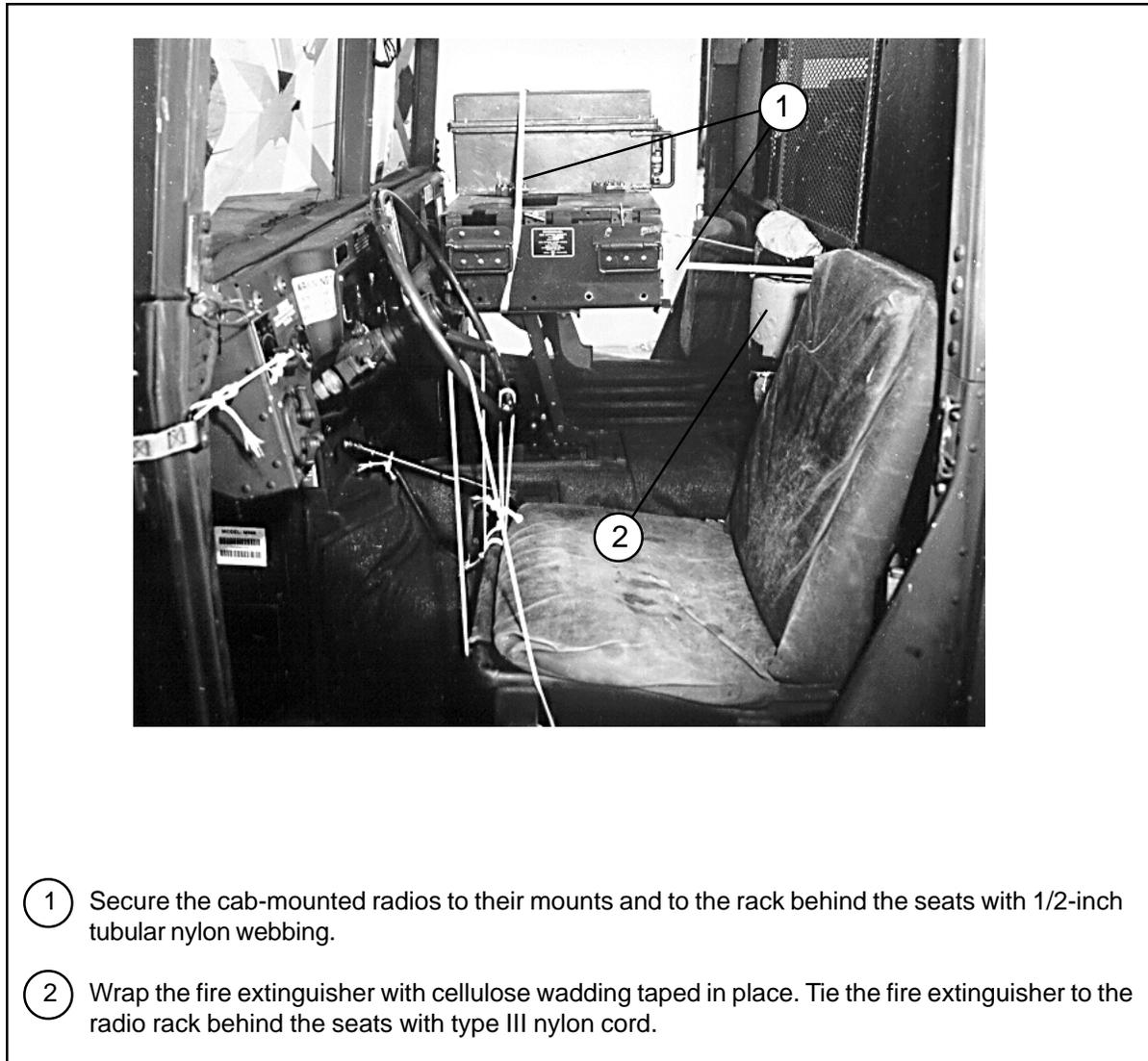
**Figure 5-5. AN/VSC-2 Radioteletype Rigged in M998 Tuck (continued)**



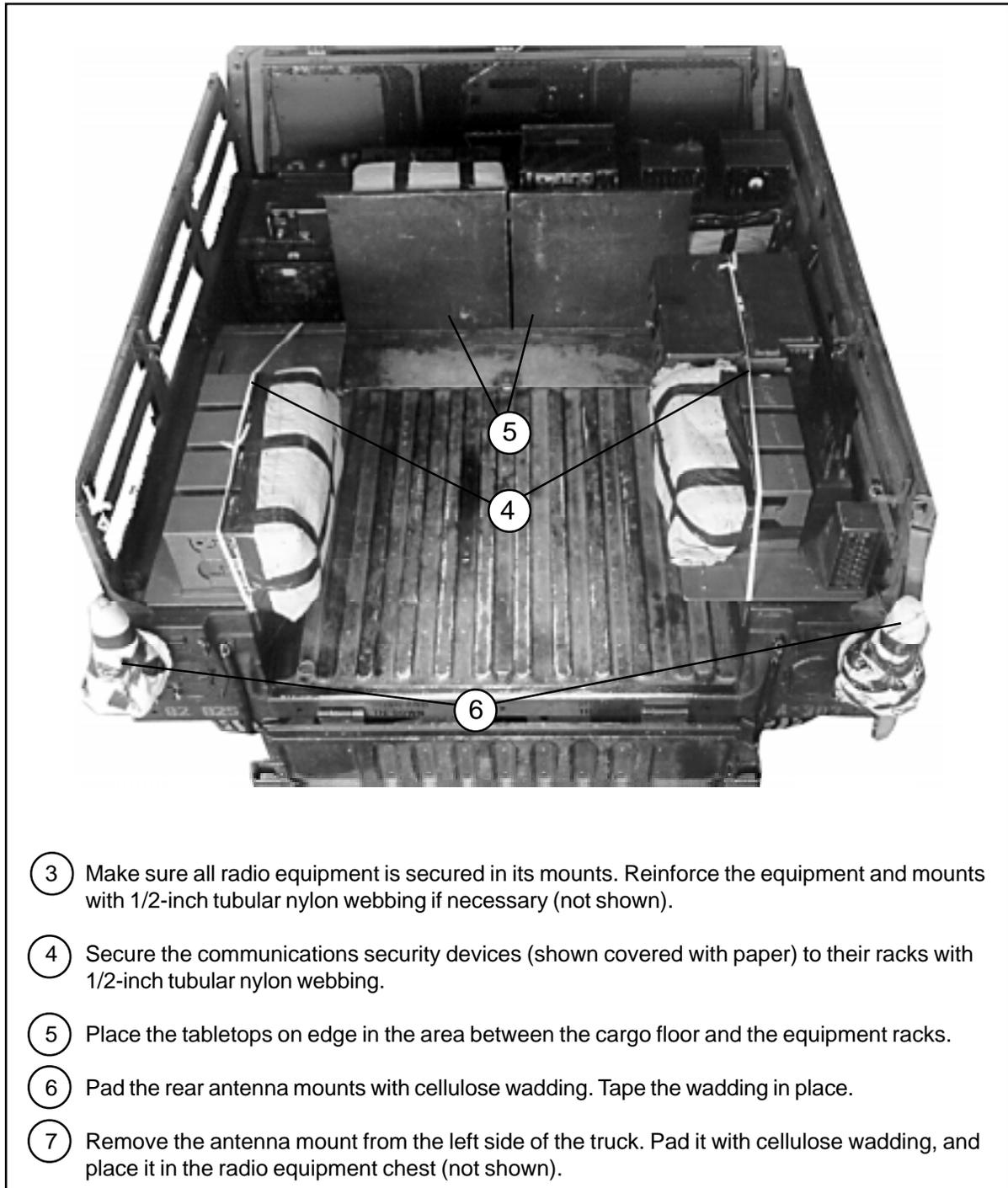
**Figure 5-5. AN/VSC-2 Radioteletype Rigged in M998 Truck (continued)**

## RIGGING DIVISION ASSAULT COMMAND RADIO SYSTEM IN M998 TRUCK

5-7. Use the procedures shown in Figure 5-6 to rig the Division Assault Command Radio System, and truck and crew equipment. This load weighs 1,520 pounds.



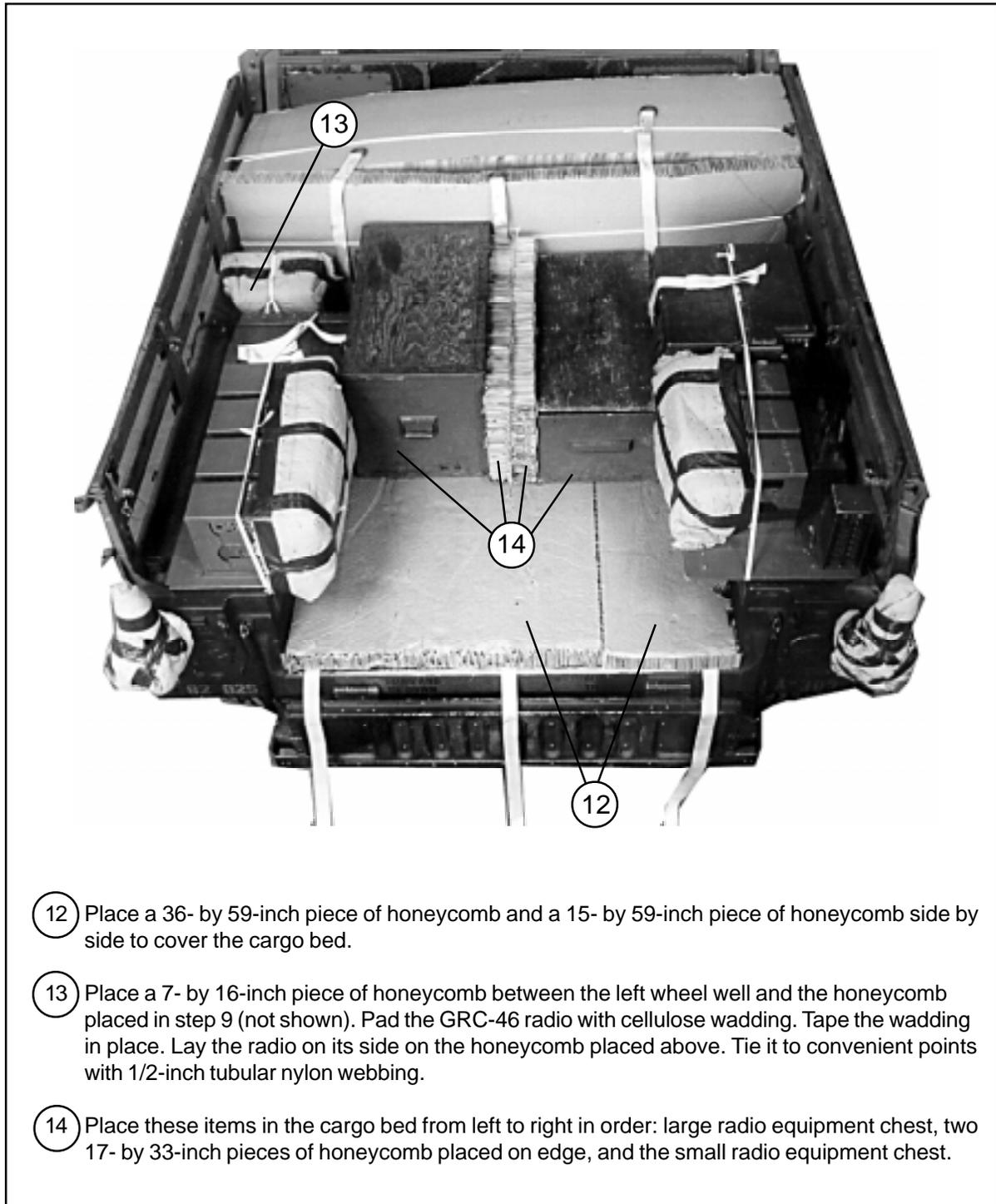
**Figure 5-6. Division Assault Command Radio System and Truck Equipment Rigged in M998 Truck**



- ③ Make sure all radio equipment is secured in its mounts. Reinforce the equipment and mounts with 1/2-inch tubular nylon webbing if necessary (not shown).
- ④ Secure the communications security devices (shown covered with paper) to their racks with 1/2-inch tubular nylon webbing.
- ⑤ Place the table tops on edge in the area between the cargo floor and the equipment racks.
- ⑥ Pad the rear antenna mounts with cellulose wadding. Tape the wadding in place.
- ⑦ Remove the antenna mount from the left side of the truck. Pad it with cellulose wadding, and place it in the radio equipment chest (not shown).

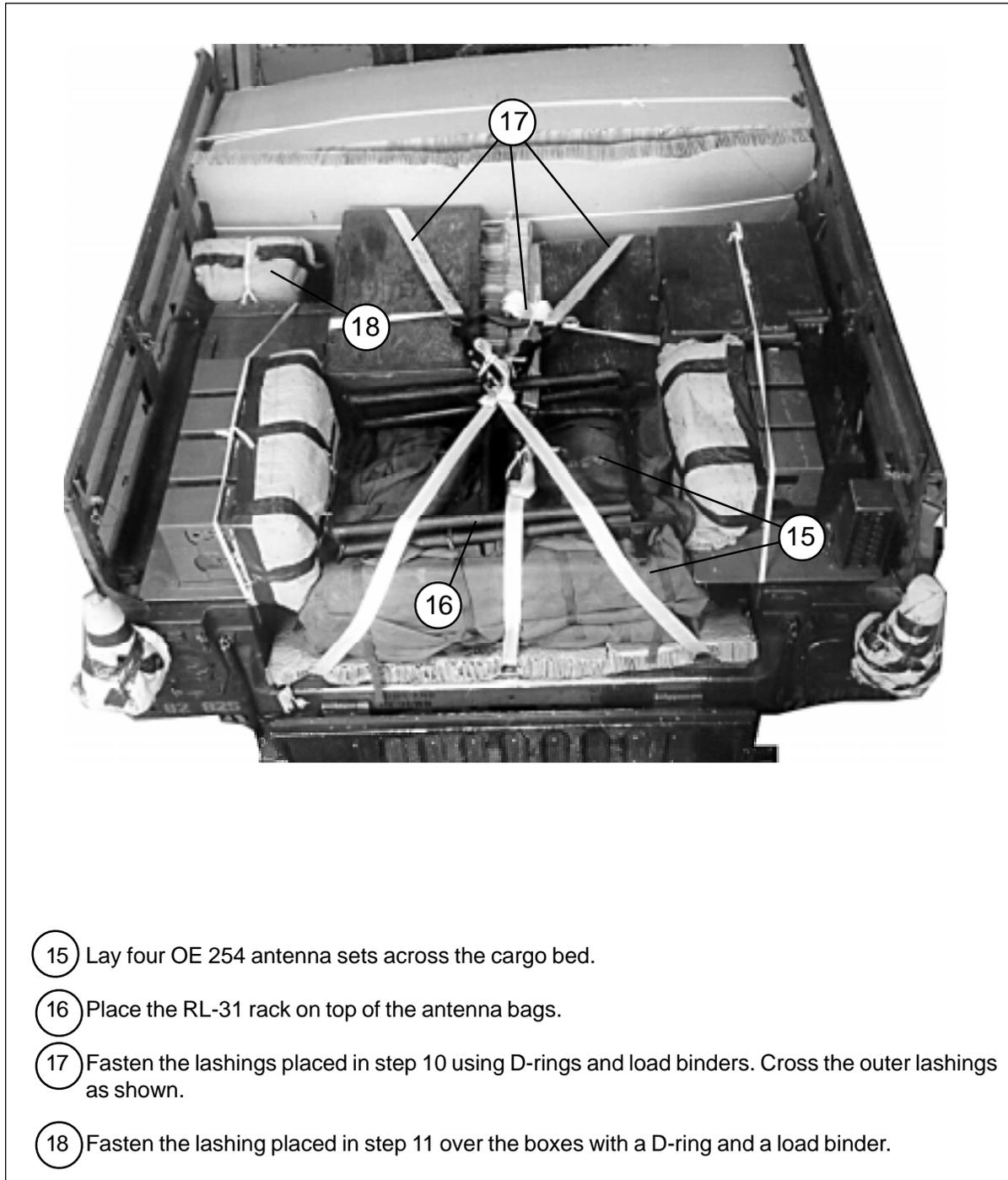
**Figure 5-6. Division Assault Command Radio System and Truck Equipment Rigged in M998 Truck (continued)**



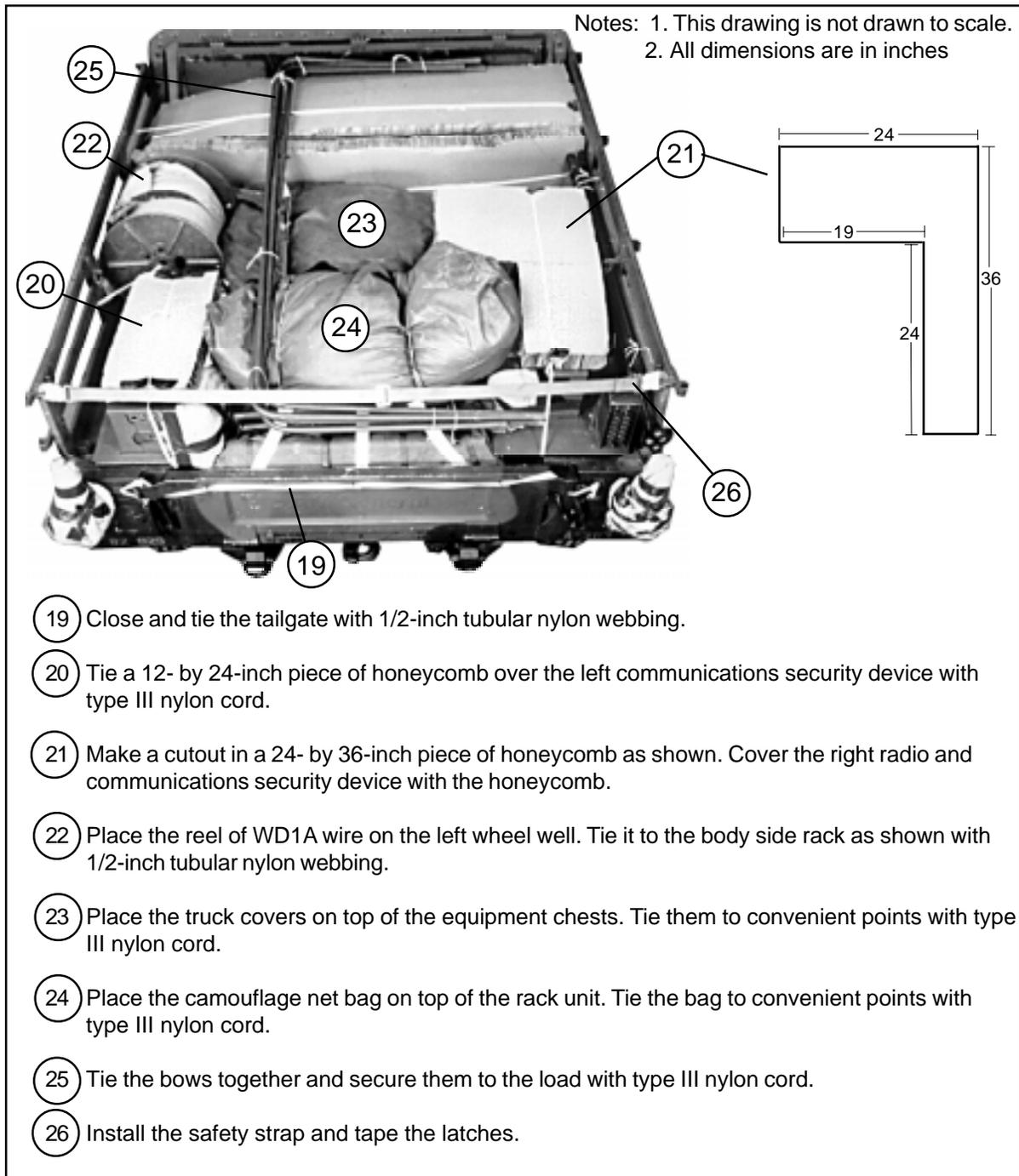


- 12 Place a 36- by 59-inch piece of honeycomb and a 15- by 59-inch piece of honeycomb side by side to cover the cargo bed.
- 13 Place a 7- by 16-inch piece of honeycomb between the left wheel well and the honeycomb placed in step 9 (not shown). Pad the GRC-46 radio with cellulose wadding. Tape the wadding in place. Lay the radio on its side on the honeycomb placed above. Tie it to convenient points with 1/2-inch tubular nylon webbing.
- 14 Place these items in the cargo bed from left to right in order: large radio equipment chest, two 17- by 33-inch pieces of honeycomb placed on edge, and the small radio equipment chest.

**Figure 5-6. Division Assault Command Radio System and Tuck Equipment Rigged in M998 Truck (continued)**



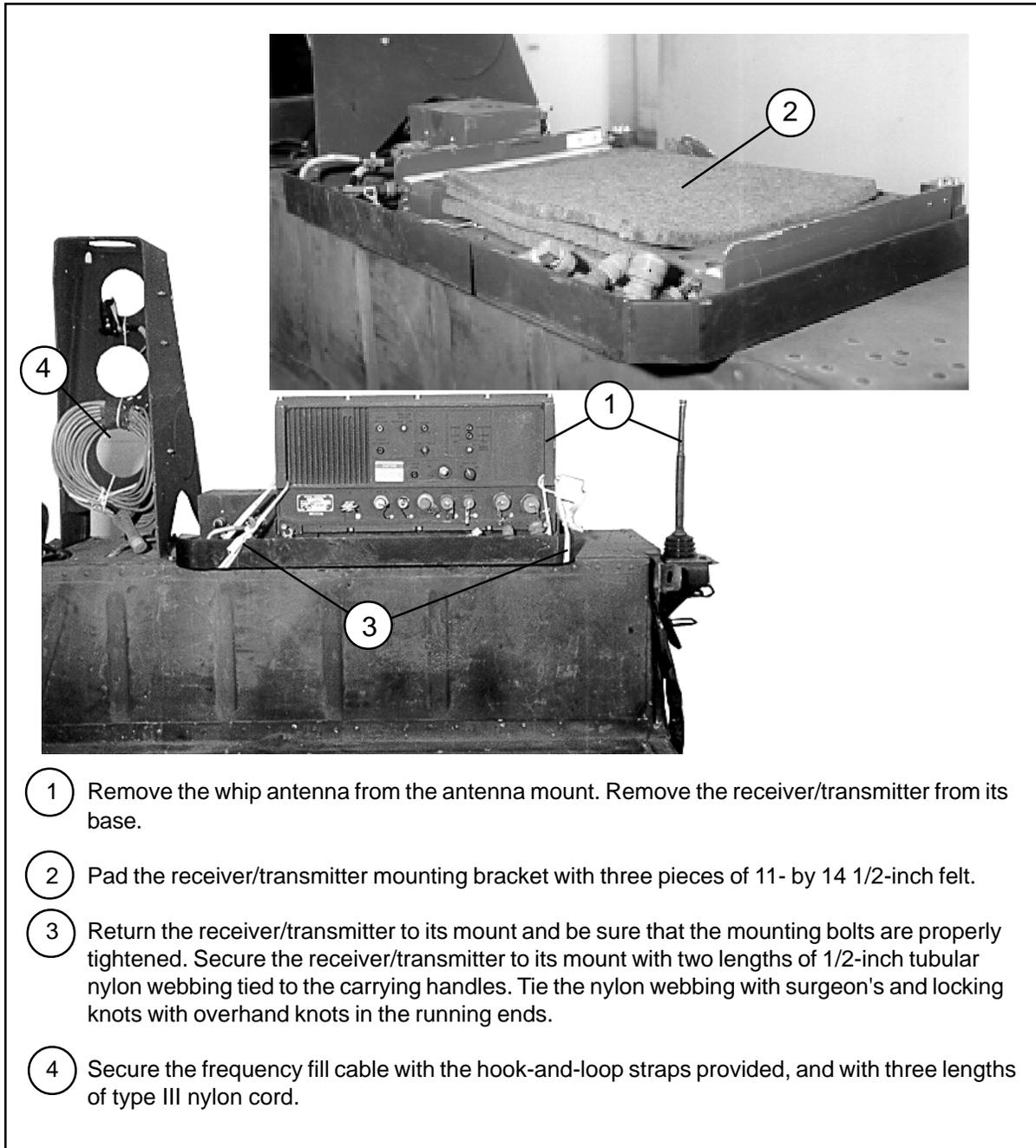
**Figure 5-6. Division Assault Command Radio System and Tuck Equipment Rigged in M998 Truck (continued)**



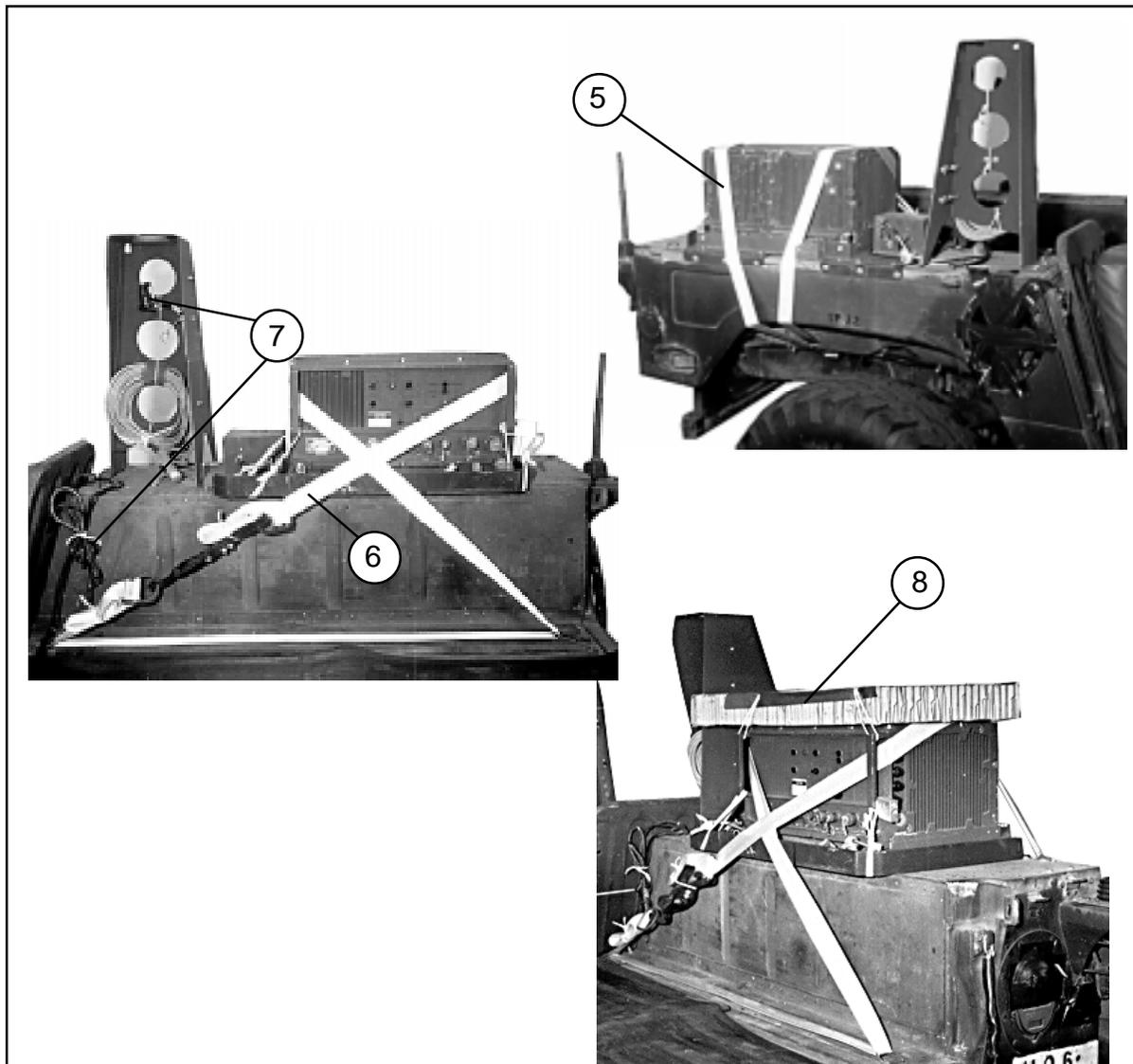
**Figure 5-6. Division Assault Command Radio System and Tuck Equipment Rigged in M998 Truck (continued)**

### RIGGING MOBILE SUBSCRIBER RADIO TELEPHONE IN M998 TRUCK

5-8. Use the procedures shown in Figures 5-7 and 5-8 to rig the Mobile Subscriber Radio Telephone Terminal (AN/VRC-97). Rig equipment in addition to the items shown to meet the weight requirement.

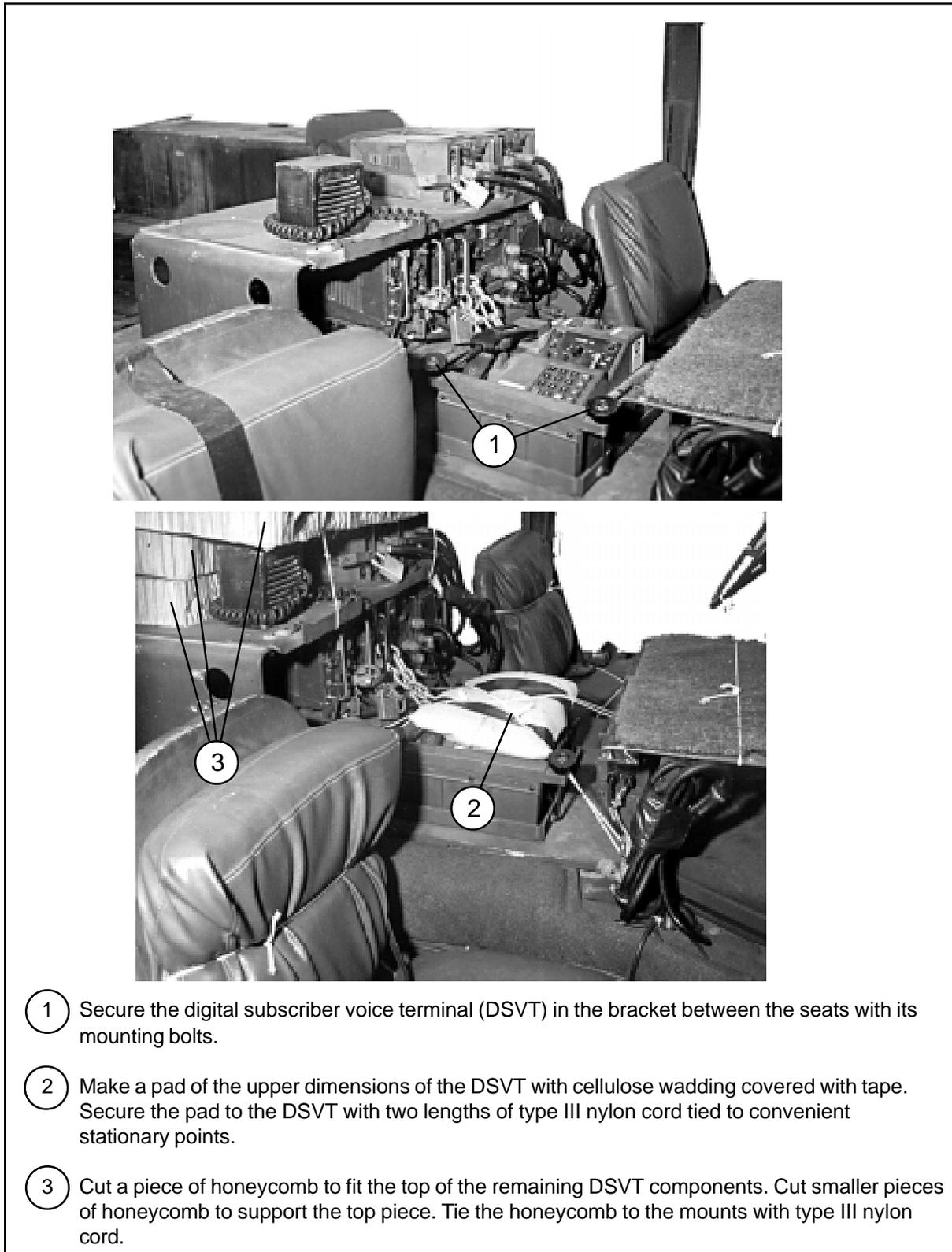


**Figure 5-7. Receiver/Transmitter RT-1539 Prepared and Secured**



- 5 Center a 30-foot lashing through the tie-down provision behind the right rear wheel. Pass both ends of the lashing over the receiver/transmitter and through the carrying handles.
- 6 Cross the lashing in front of the receiver/transmitter and pass it through the cargo bed tie-down rings. Secure the lashing with two D-rings and a load binder.
- 7 Safety tie any cables to convenient stationary points with type III nylon cord.
- 8 Place a 15- by 30-inch piece of honeycomb on top of the receiver/transmitter. Tape the upper 30-inch sides of the honeycomb. Secure the honeycomb to the receiver/transmitter with type III nylon cord. Run the cord over the honeycomb from the right carrying handle to the left rear mounting bracket, and from the left carrying handle to the right rear mounting bracket.

**Figure 5-7. Receiver/Transmitter RT-1539 Prepared and Secured (continued)**

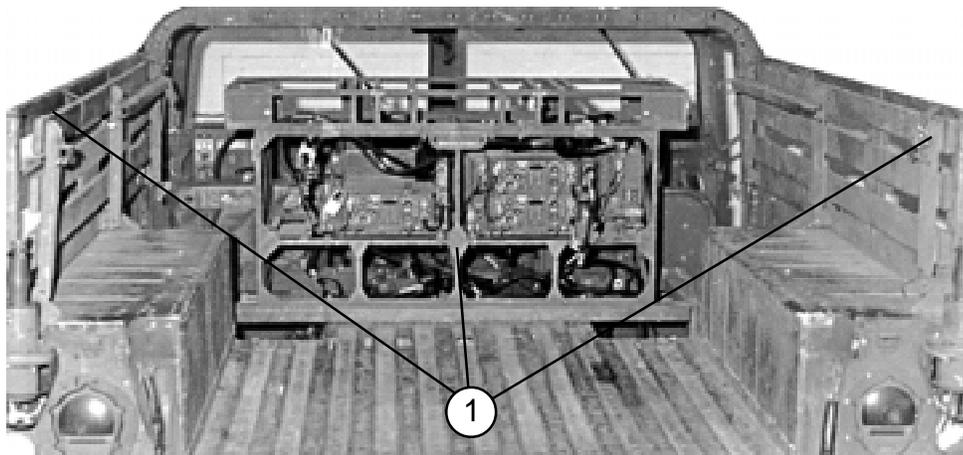


- ① Secure the digital subscriber voice terminal (DSVT) in the bracket between the seats with its mounting bolts.
- ② Make a pad of the upper dimensions of the DSVT with cellulose wadding covered with tape. Secure the pad to the DSVT with two lengths of type III nylon cord tied to convenient stationary points.
- ③ Cut a piece of honeycomb to fit the top of the remaining DSVT components. Cut smaller pieces of honeycomb to support the top piece. Tie the honeycomb to the mounts with type III nylon cord.

**Figure 5-8. Digital Subscriber Voice Terminal (KY-68) Components Prepared and Secured**

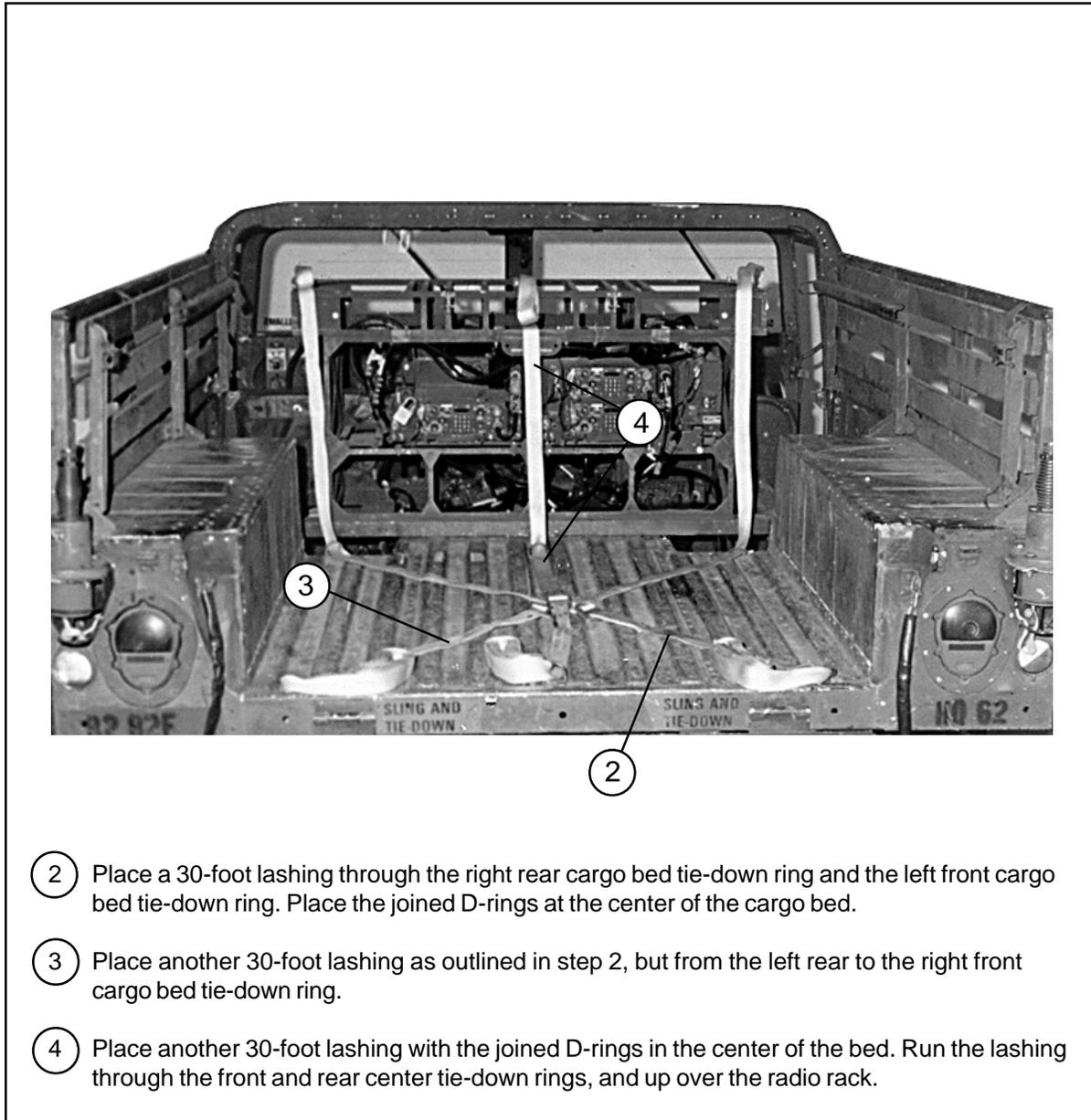
## RIGGING LIGHTWEIGHT TACTICAL FIRE DIRECTION CONTROL SYSTEM (LTACFIRE) IN M998 TRUCK

5-9. Use the procedures shown in Figure 5-9 to rig the components of the LTACFIRE and accompanying equipment. The LTACFIRE system consists of a syncgar radio system mounted in a rack. The upper rack has a program load unit (PLU), a power distribution box (PDB), and a digitizer mounted in it. The printer and monitor have their own containers. A keyboard requires a container to be made of honeycomb. Miscellaneous items include, but are not limited to, a map board, field desk, footlocker, camouflage net and poles, and two folding chairs.

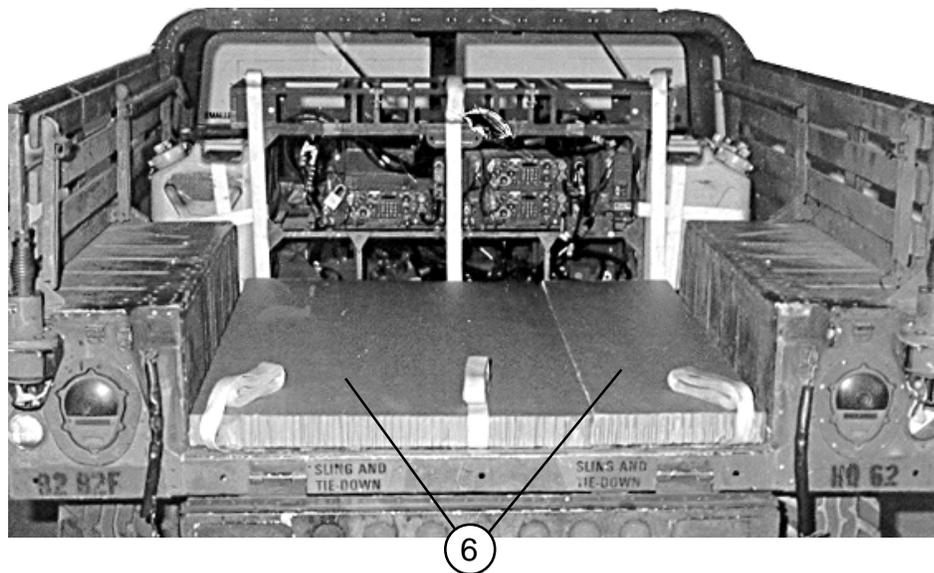
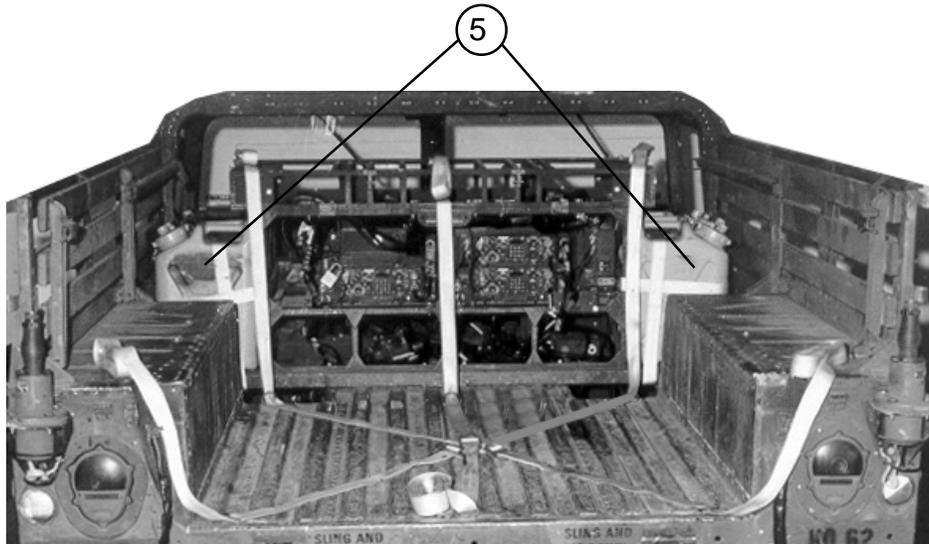


- 1 Remove all components of the LTACFIRE system and accompanying equipment from the truck except the syncgar radios mounted in their rack bolted to the bed of the carrier. Raise and secure the left and right side troop seats.

**Figure 5-9. LTACFIRE and Accompanying Equipment Rigged in M998 Truck**

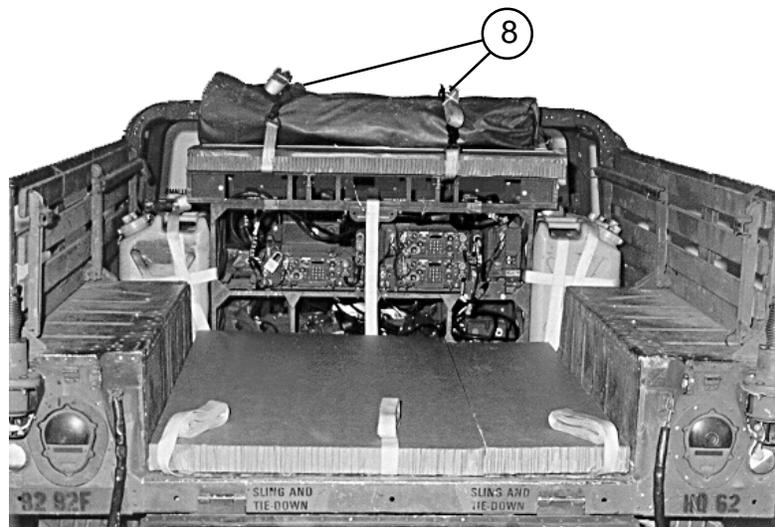


**Figure 5-9. LTACFIRE and Accompanying Equipment Rigged in M998 Truck (continued)**



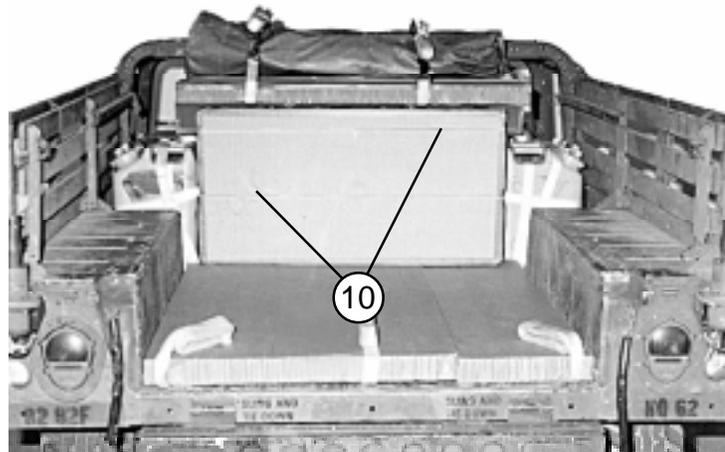
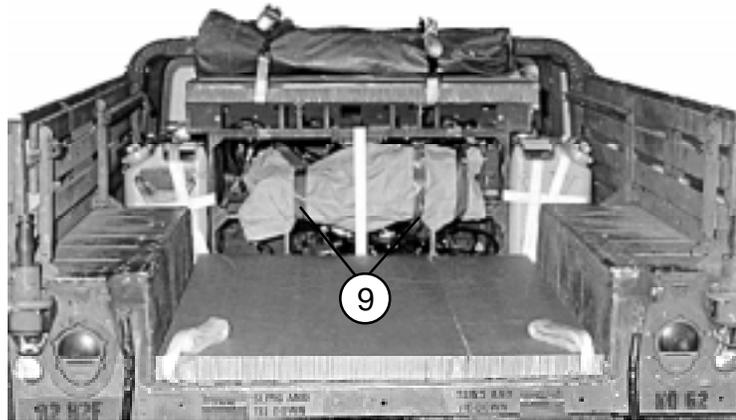
- ⑤ Bind three 5-gallon cans together with 15-foot lashings. Secure a group of three cans to the radio rack on each side with a 15-foot lashing. Place the load binders on the front side.
- ⑥ Cover the cargo bed with a single layer of honeycomb.

**Figure 5-9. LTACFIRE and Accompanying Equipment Rigged in M998 Truck (continued)**



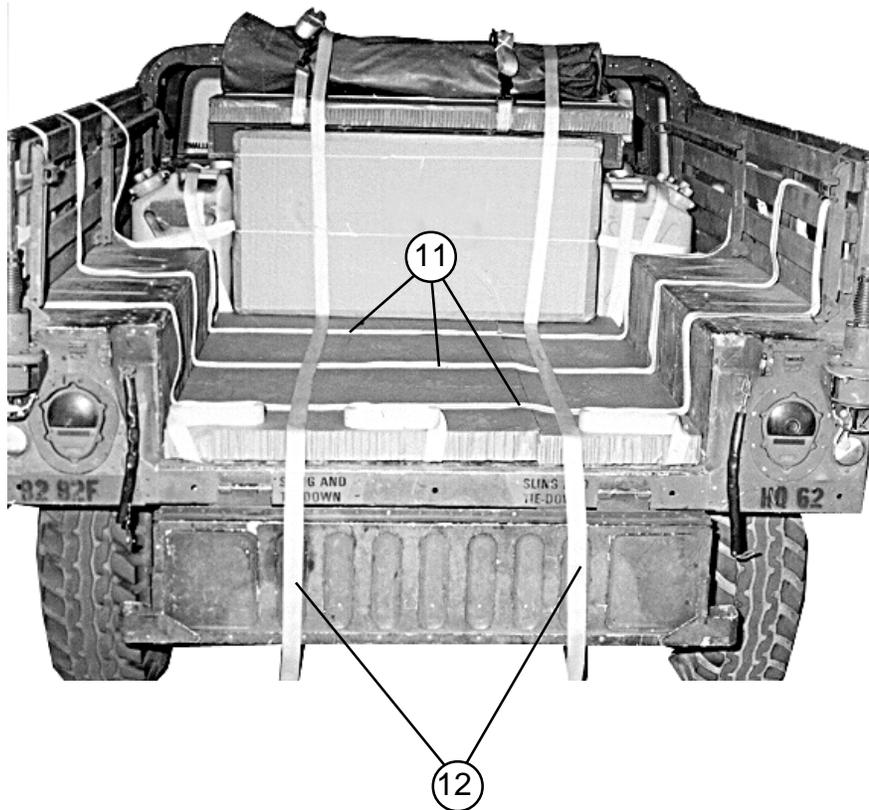
- ⑦ Move any prepositioned lashings aside, and place a 24- by 54-inch piece of honeycomb on top of the radio rack and secure it with type III nylon cord.
- ⑧ Place one camouflage net pole bag on top of the honeycomb placed in step 7 above. Secure the bag to the radio rack with two 15-foot lashings.

**Figure 5-9. LTACFIRE and Accompanying Equipment Rigged in M998 Truck (continued)**



- 9 Pad the radio with cellulose wadding. Tape the wadding in place.
- 10 Place a 24 1/2- by 47-inch piece of honeycomb against the radio rack and secure it in place with type III nylon cord.

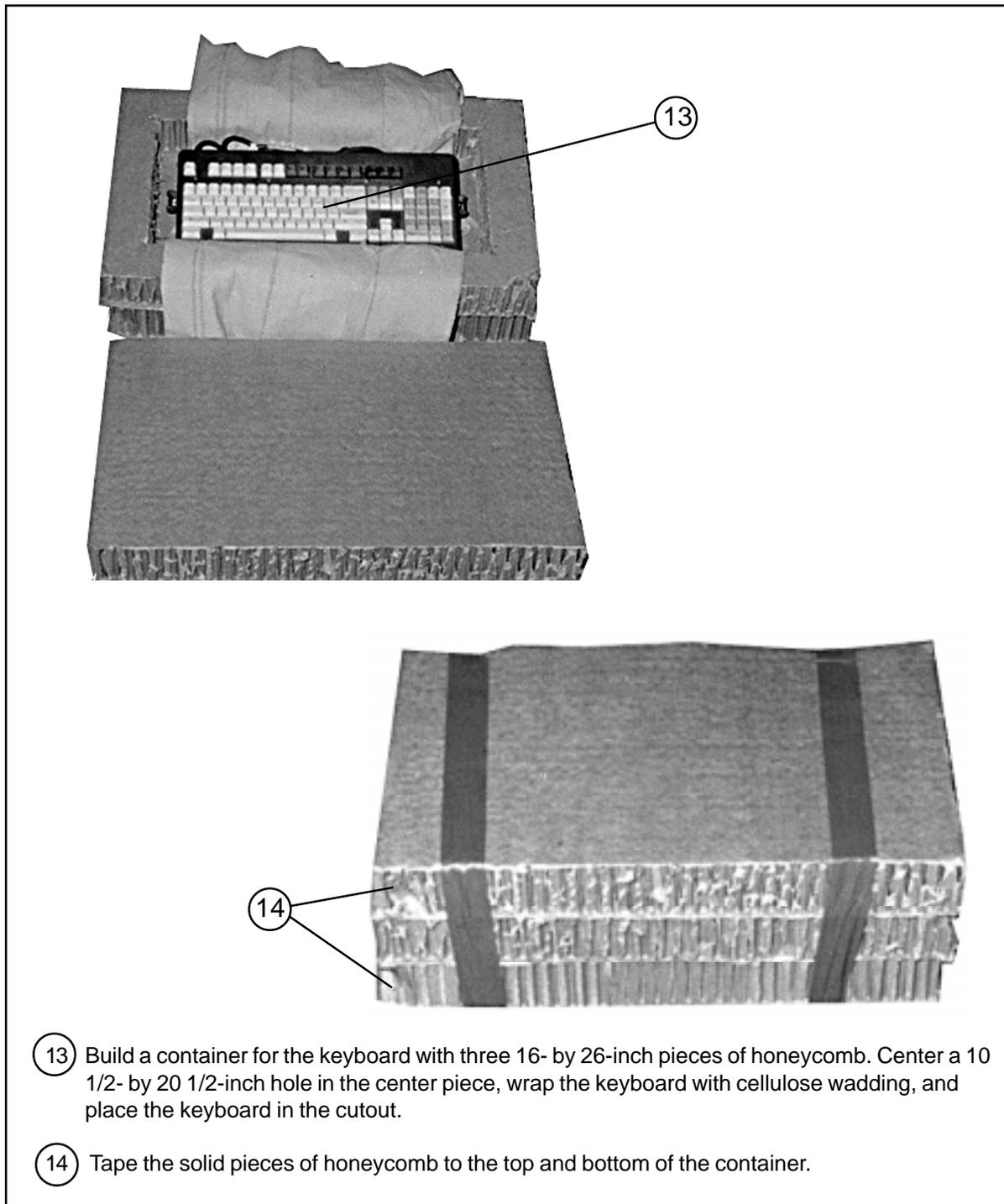
**Figure 5-9. LTACFIRE and Accompanying Equipment Rigged in M998 Truck (continued)**



① Place three 15-foot lashings evenly spaced from right to left on the honeycomb placed in step 6.

② Place two more 15-foot lashings on the honeycomb running from front to rear.

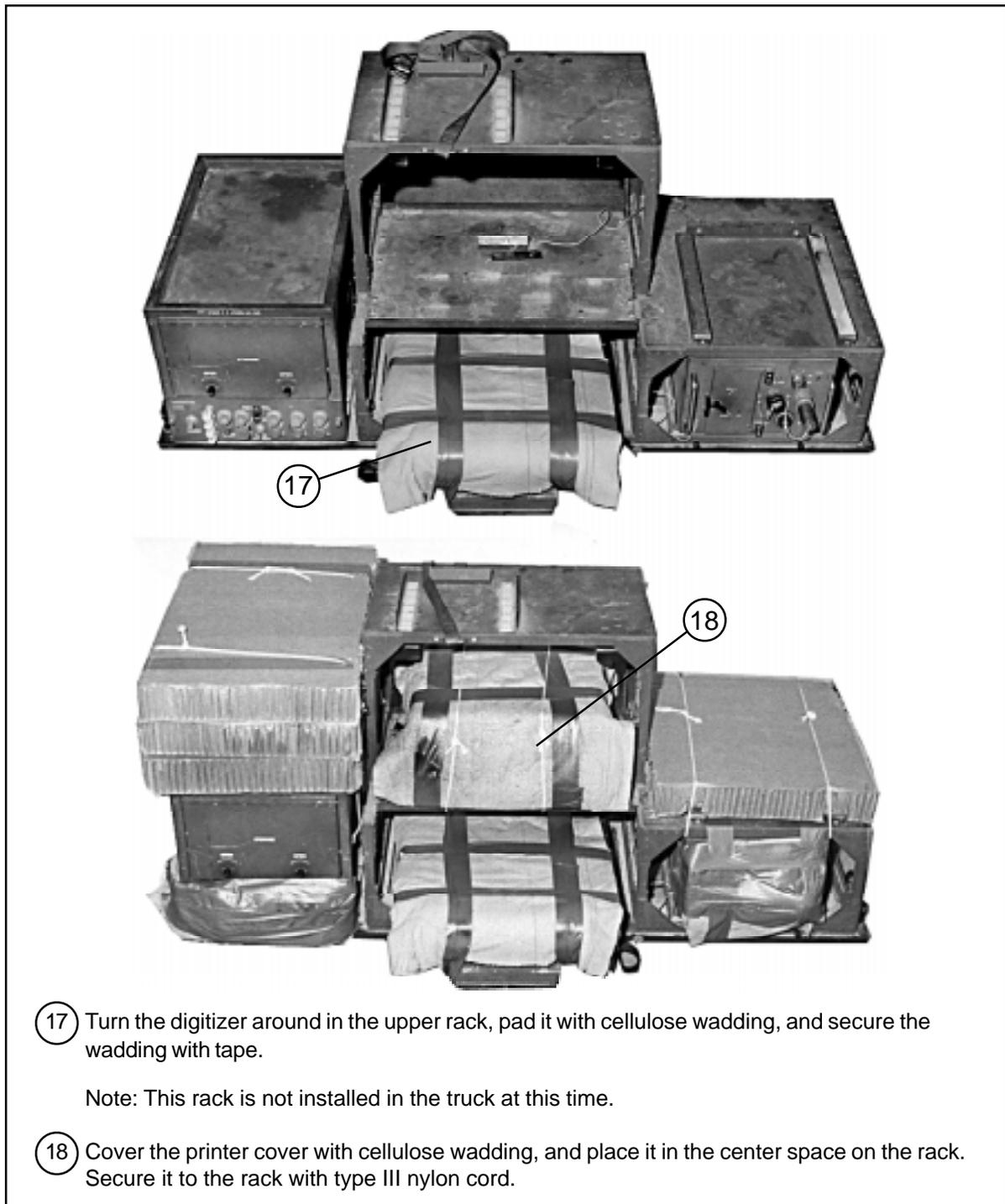
**Figure 5-9. LTACFIRE and Accompanying Equipment Rigged in M998 Truck (continued)**



**Figure 5-9. LTACFIRE and Accompanying Equipment Rigged in M998 Tuck (continued)**



**Figure 5-9. LTACFIRE and Accompanying Equipment Rigged in M998 Truck (continued)**



**Figure 5-9. LTACFIRE and Accompanying Equipment Rigged in M998 Truck (continued)**