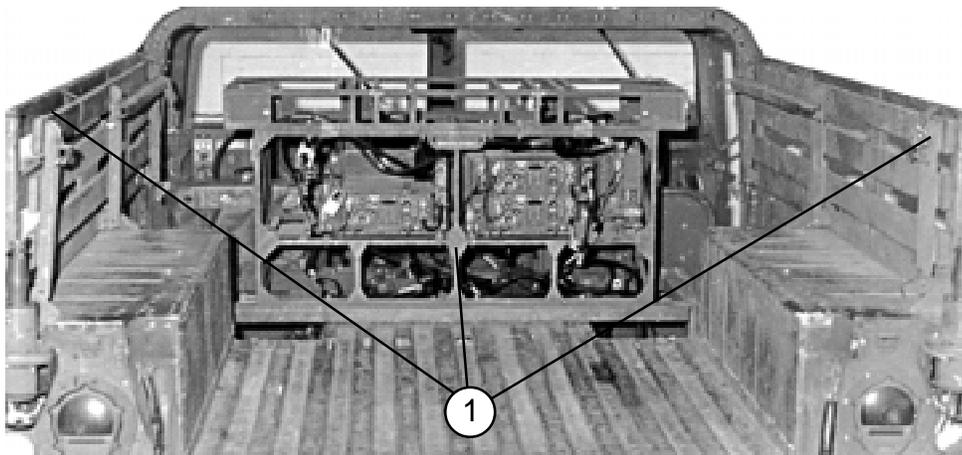


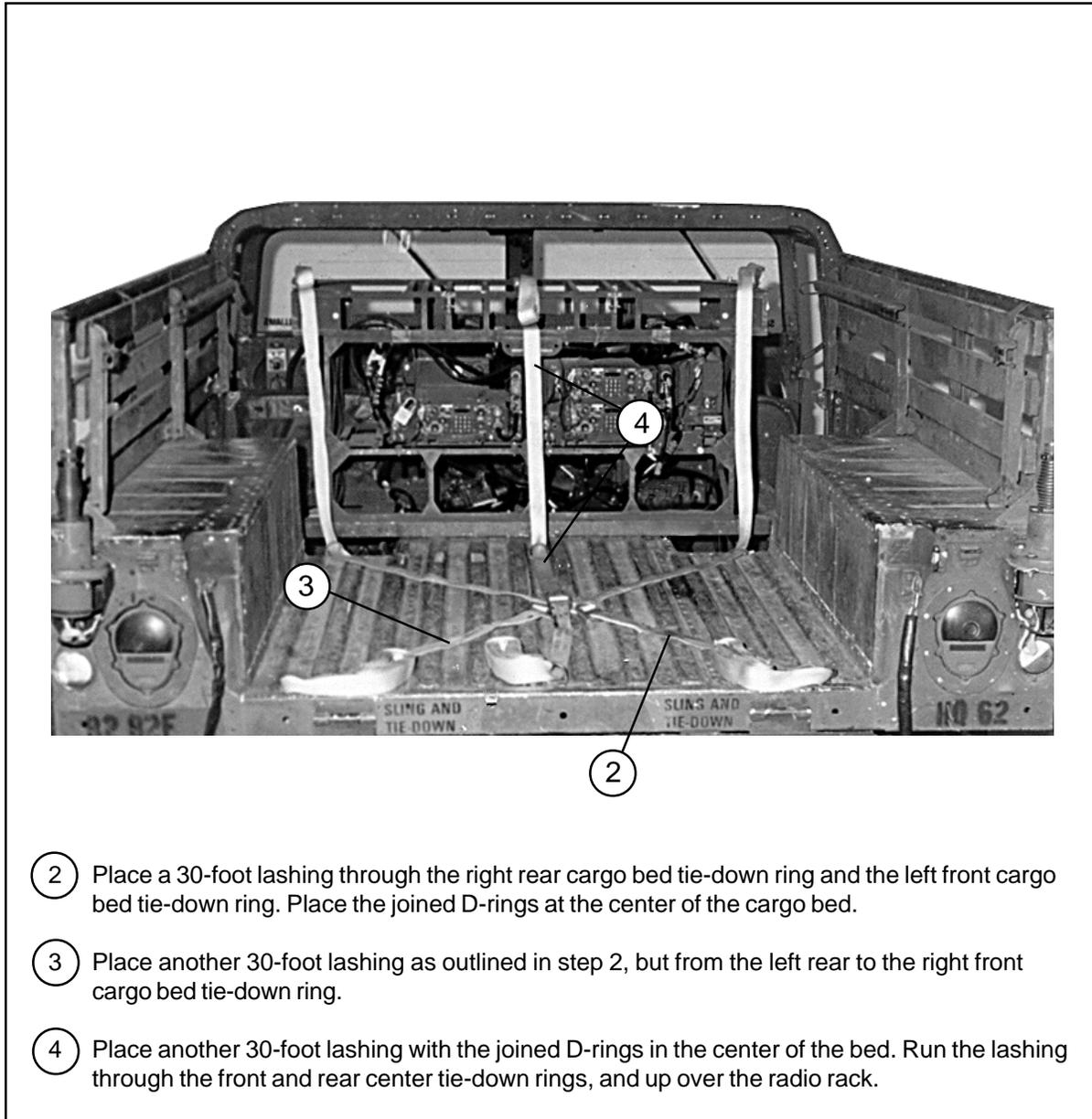
RIGGING LIGHTWEIGHT TACTICAL FIRE DIRECTION CONTROL SYSTEM (LTACFIRE) IN M998 TRUCK

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.



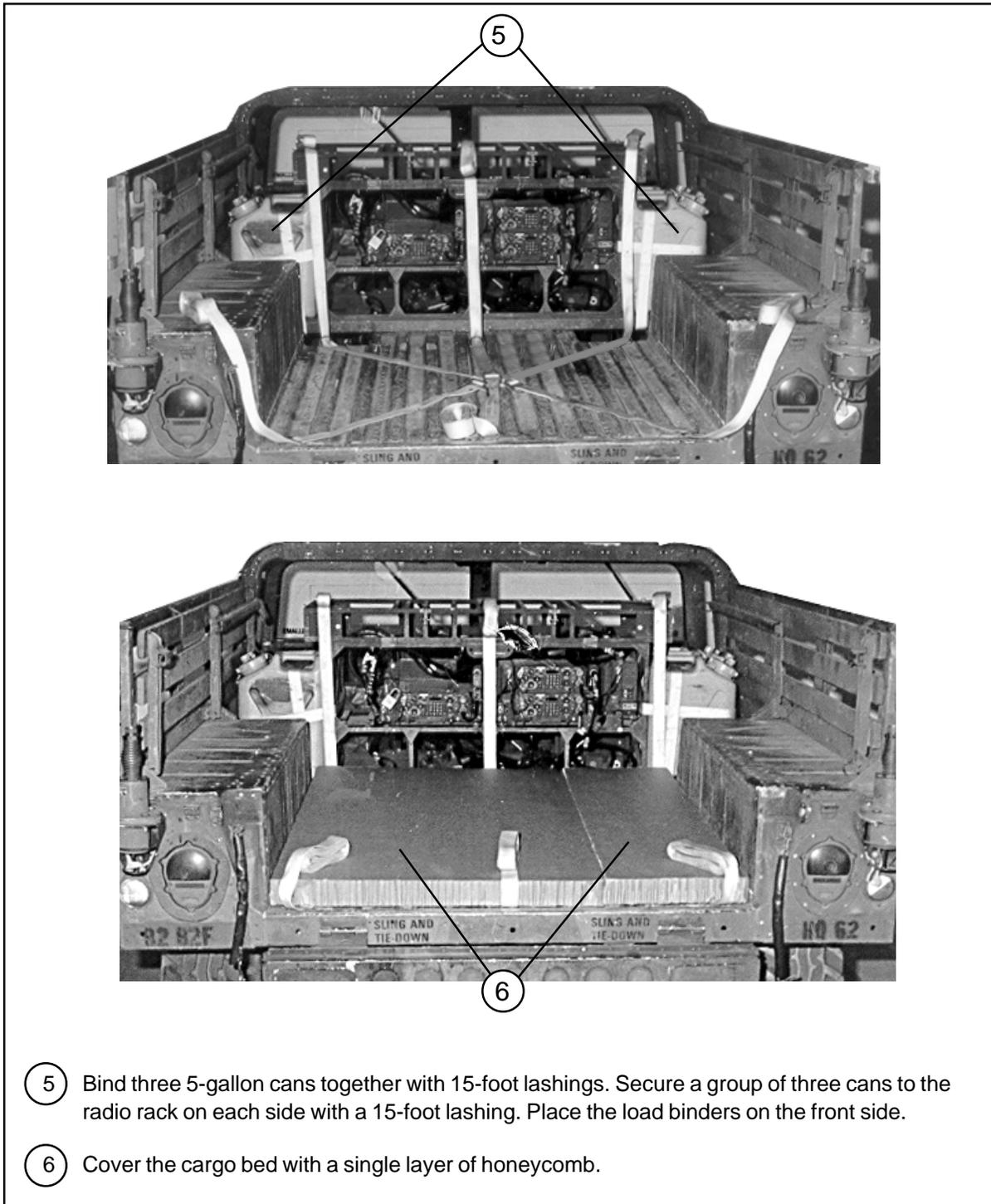
- 1 Remove all components of the LTACFIRE system and accompanying equipment from the truck except the syncgar radios mounted in their rack bolted to the bed of the carrier. Raise and secure the left and right side troop seats.

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



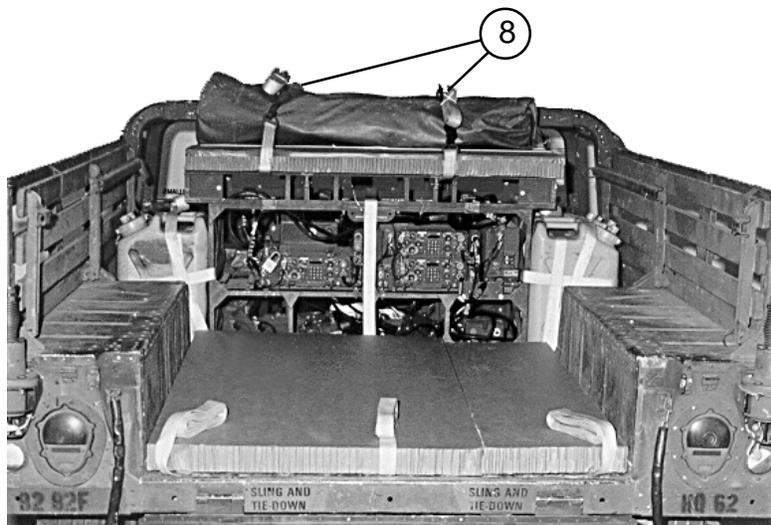
- ② Place a 30-foot lashing through the right rear cargo bed tie-down ring and the left front cargo bed tie-down ring. Place the joined D-rings at the center of the cargo bed.
- ③ Place another 30-foot lashing as outlined in step 2, but from the left rear to the right front cargo bed tie-down ring.
- ④ Place another 30-foot lashing with the joined D-rings in the center of the bed. Run the lashing through the front and rear center tie-down rings, and up over the radio rack.

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



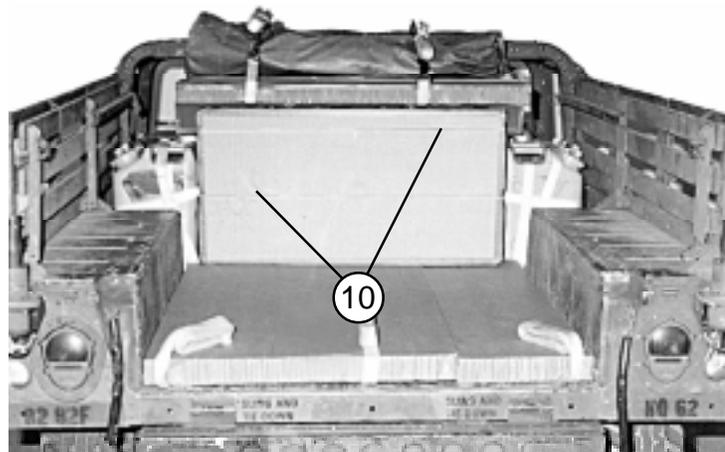
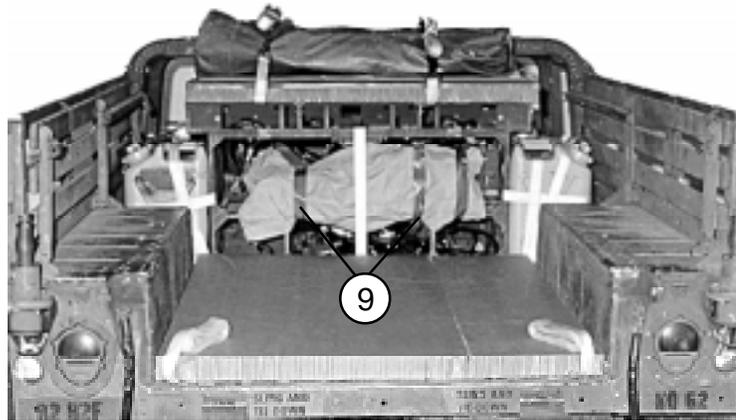
- ⑤ Bind three 5-gallon cans together with 15-foot lashings. Secure a group of three cans to the radio rack on each side with a 15-foot lashing. Place the load binders on the front side.
- ⑥ Cover the cargo bed with a single layer of honeycomb.

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



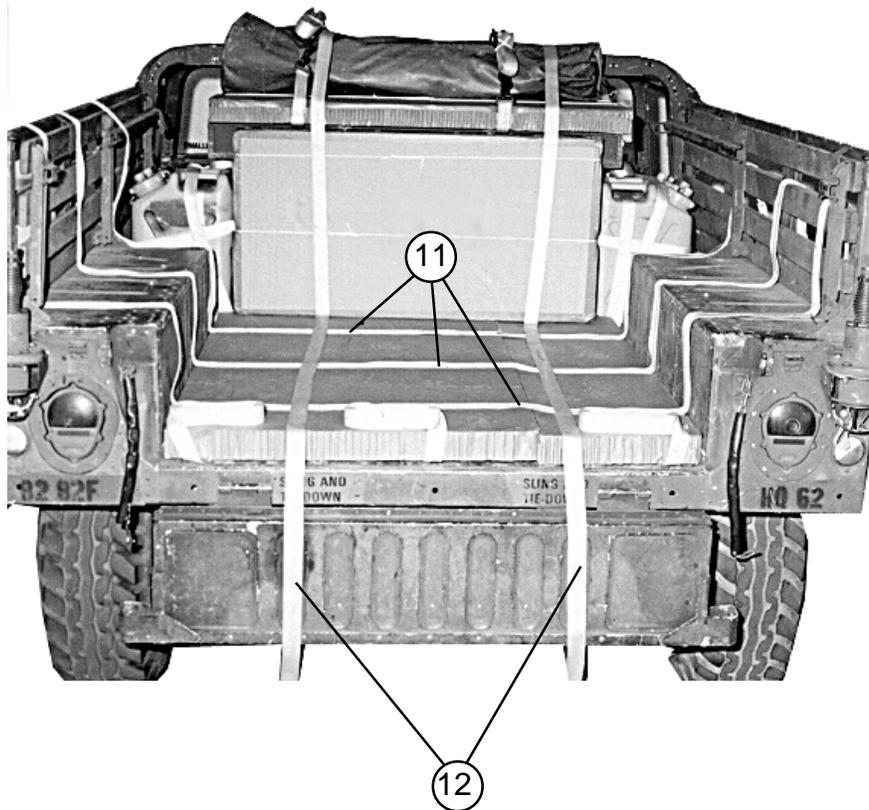
- ⑦ Move any prepositioned lashings aside, and place a 24- by 54-inch piece of honeycomb on top of the radio rack and secure it with type III nylon cord.
- ⑧ Place one camouflage net pole bag on top of the honeycomb placed in step 7 above. Secure the bag to the radio rack with two 15-foot lashings.

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.

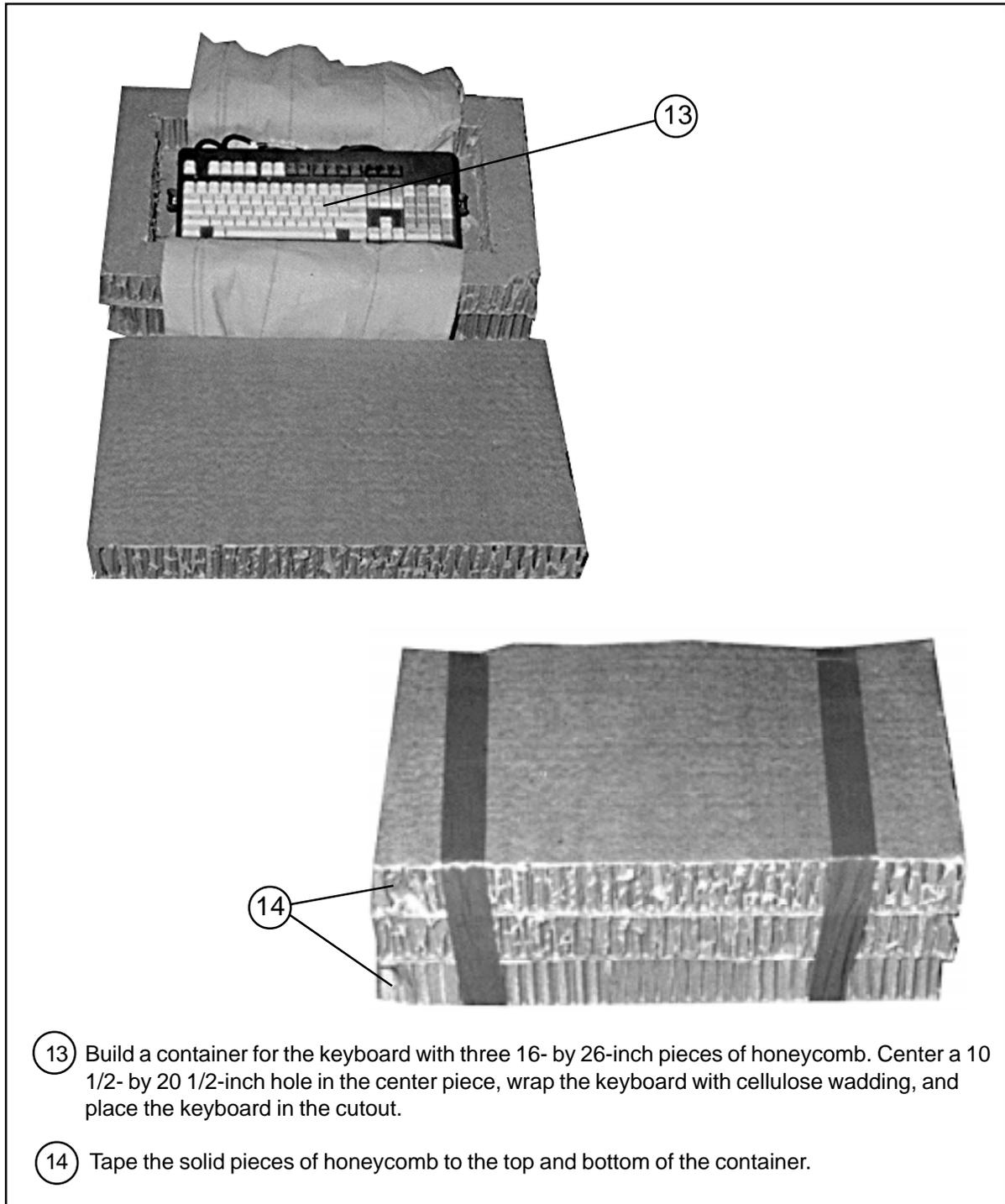
Figure 5-9. LTACFIRE and Accompanying Equipment Rigged in M98 Truck (continued)



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)



- 13 Build a container for the keyboard with three 16- by 26-inch pieces of honeycomb. Center a 10 1/2- by 20 1/2-inch hole in the center piece, wrap the keyboard with cellulose wadding, and place the keyboard in the cutout.
- 14 Tape the solid pieces of honeycomb to the top and bottom of the container.

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



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

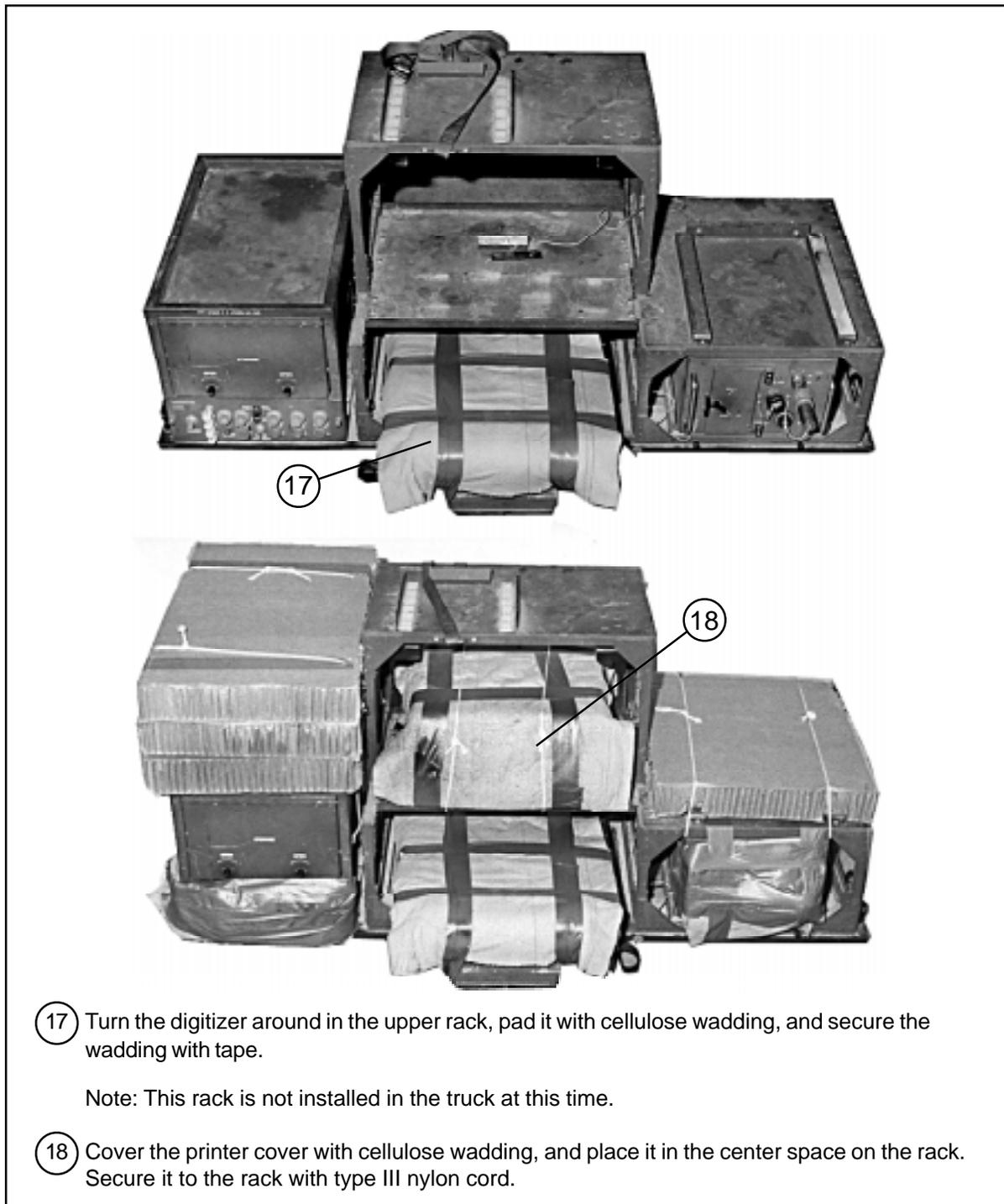


Figure 5-9. LTACFIRE and Accompanying Equipment Rigged in M998 Truck (continued)

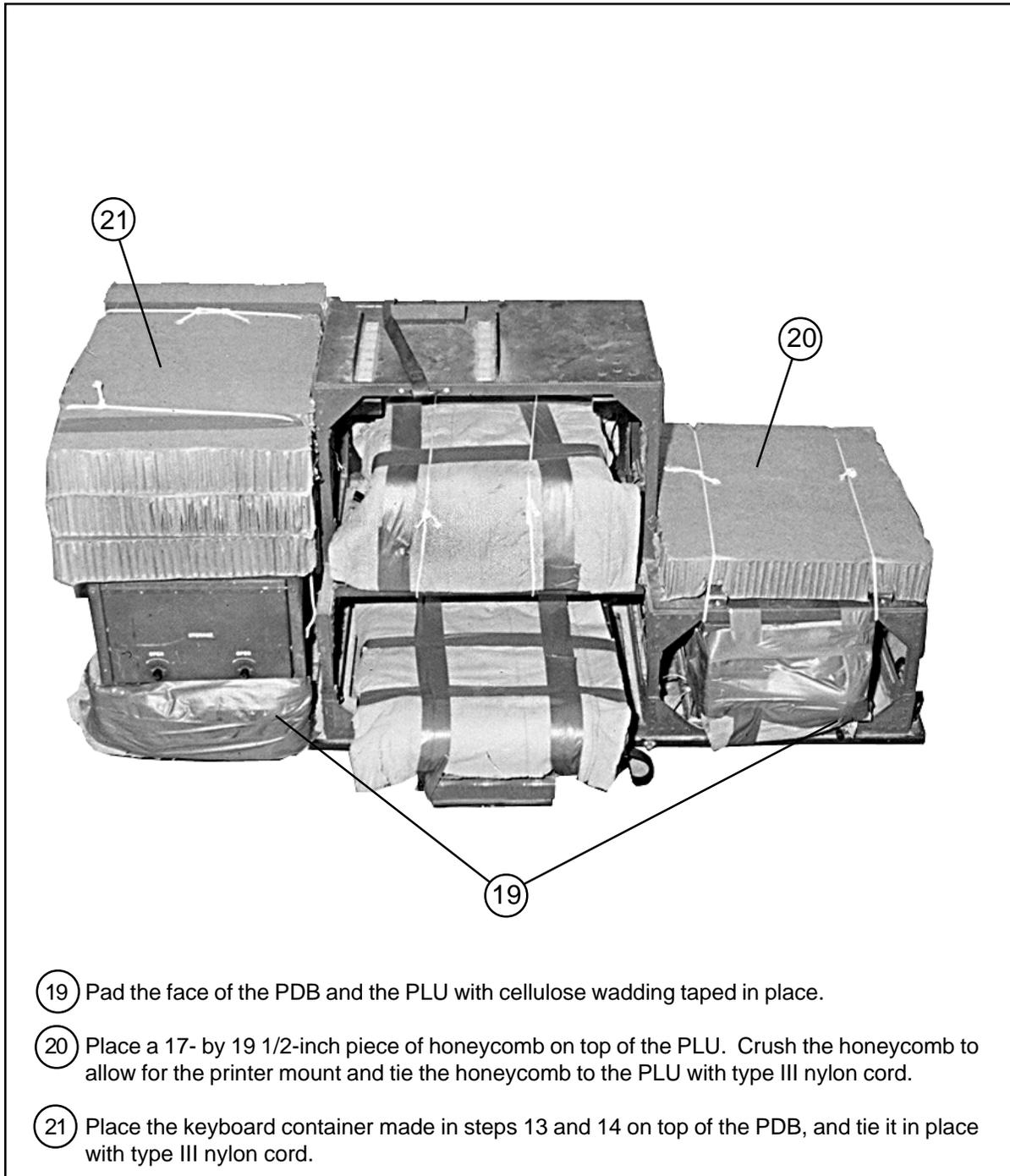


Figure 5-9. LTACFIRE and Accompanying Equipment Rigged in M998 Truck (continued)

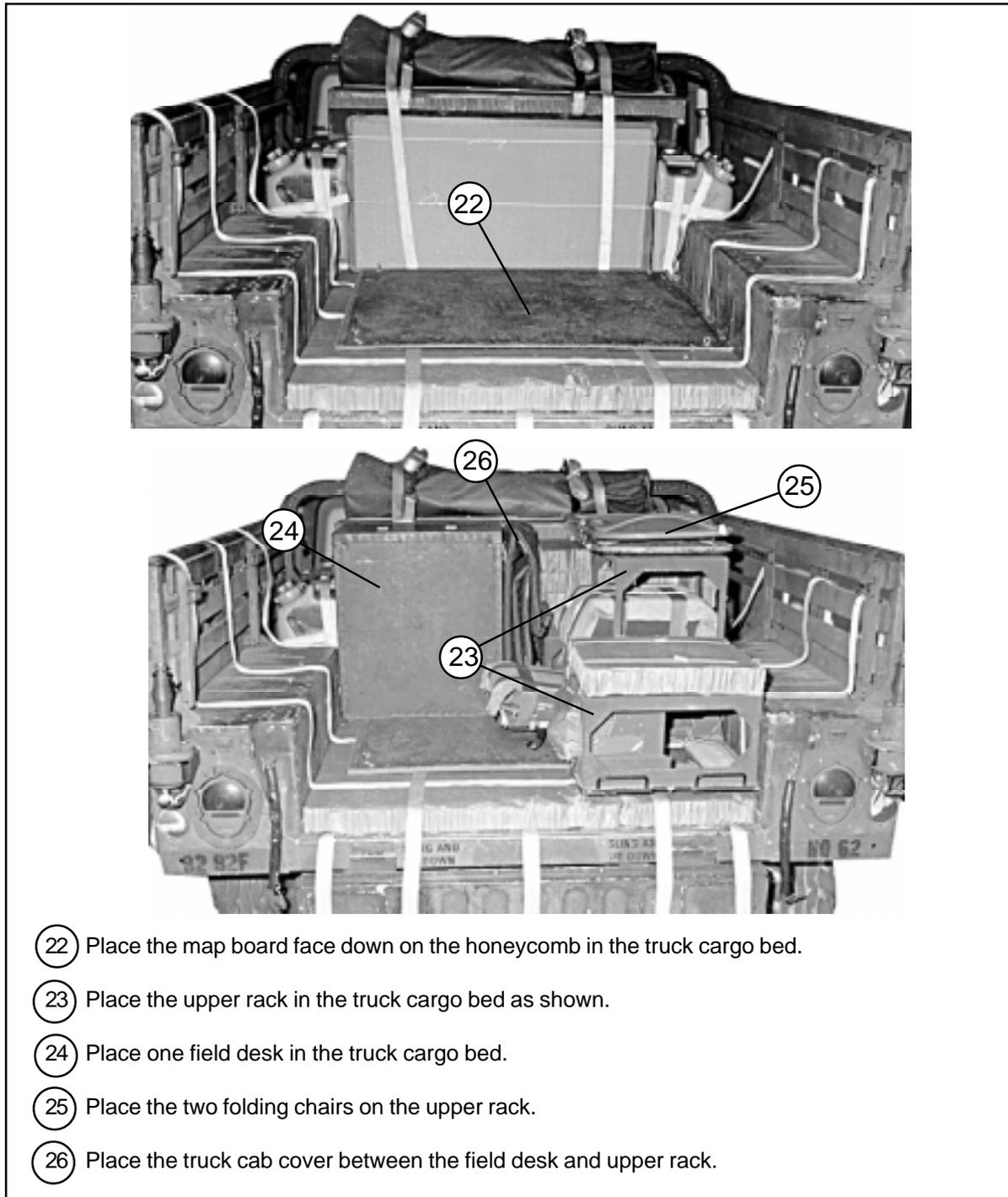
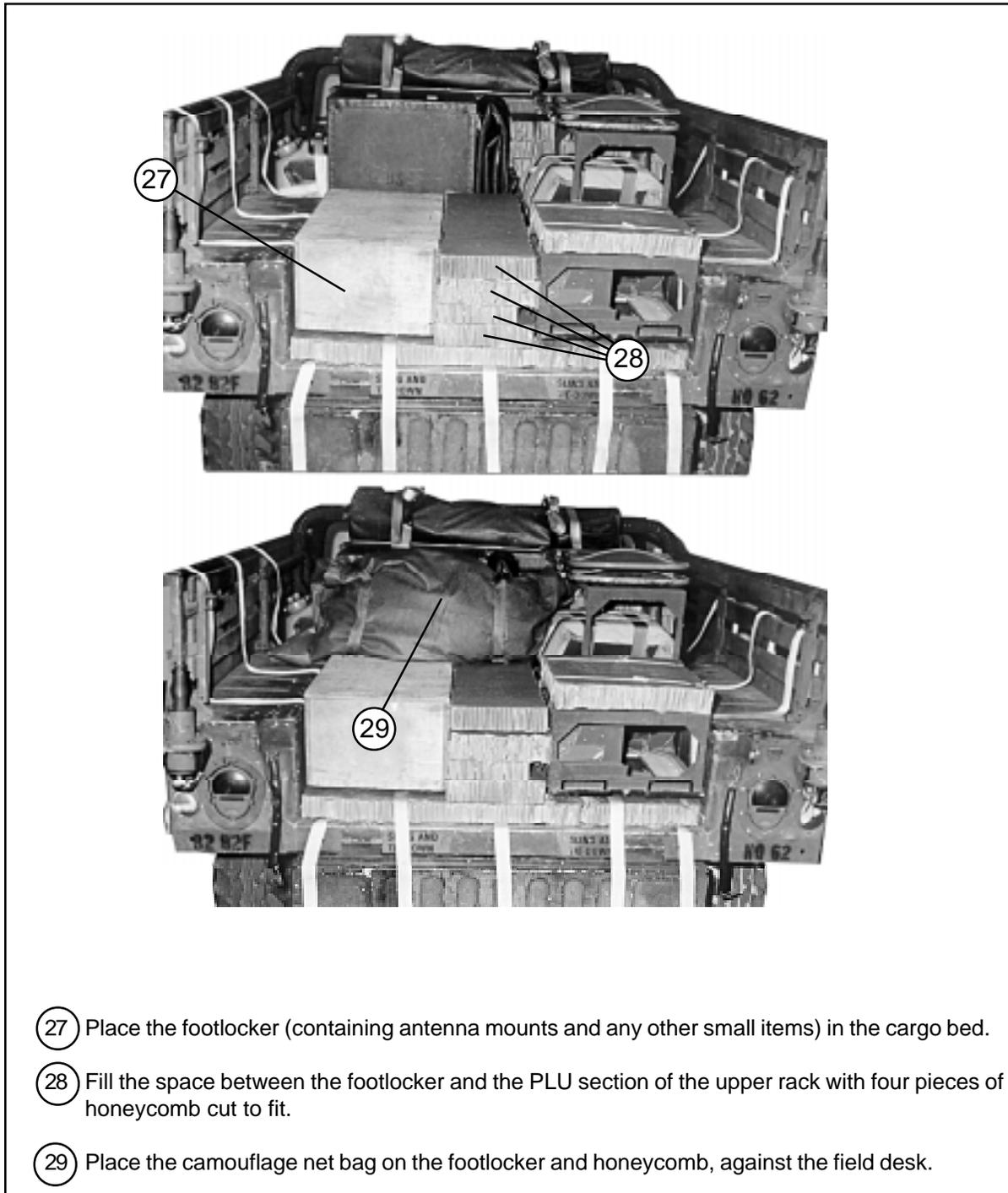


Figure 5-9. LTACFIRE and Accompanying Equipment Rigged in M998 Truck (continued)



- ②⑦ Place the footlocker (containing antenna mounts and any other small items) in the cargo bed.
- ②⑧ Fill the space between the footlocker and the PLU section of the upper rack with four pieces of honeycomb cut to fit.
- ②⑨ Place the camouflage net bag on the footlocker and honeycomb, against the field desk.

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

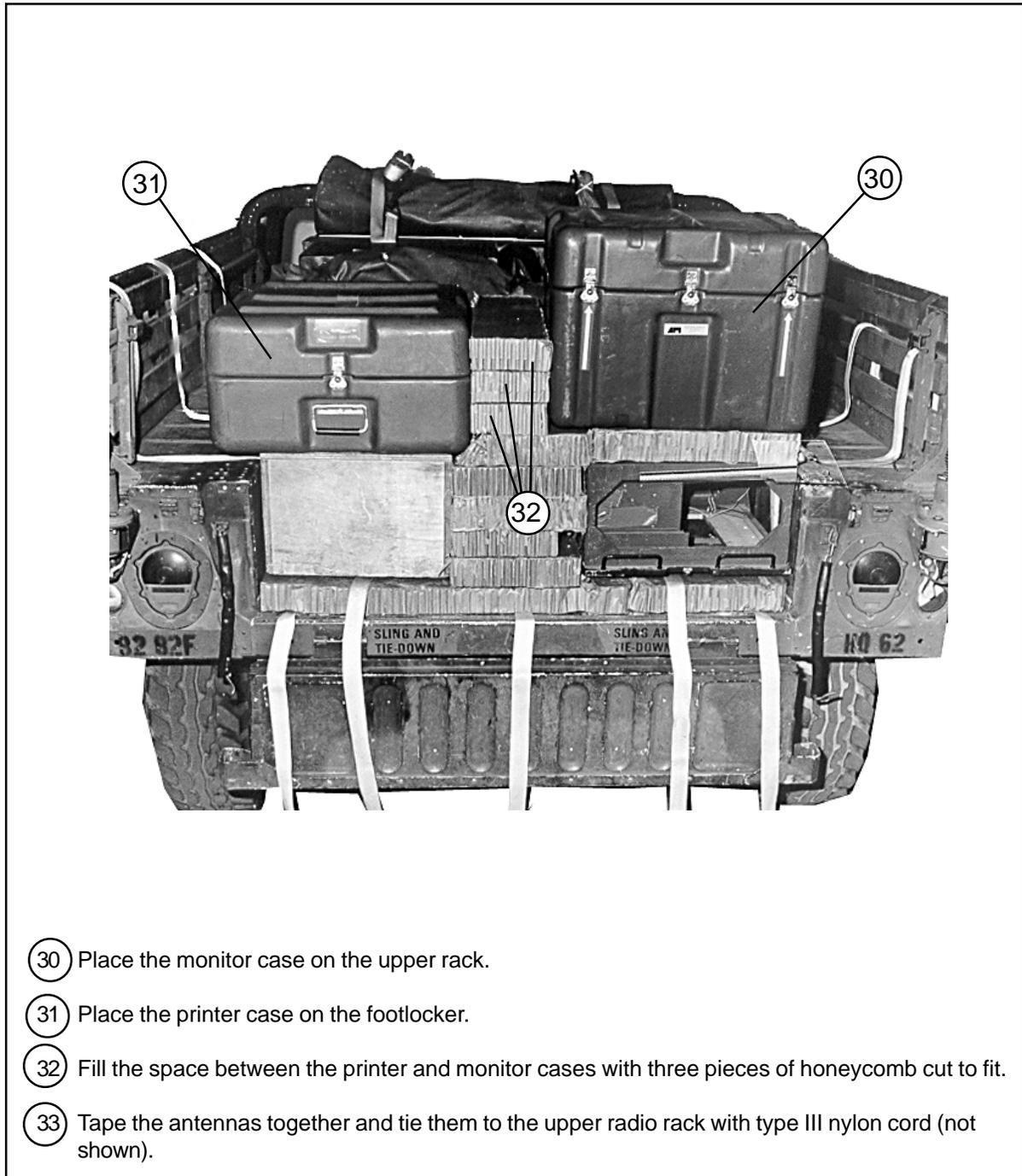
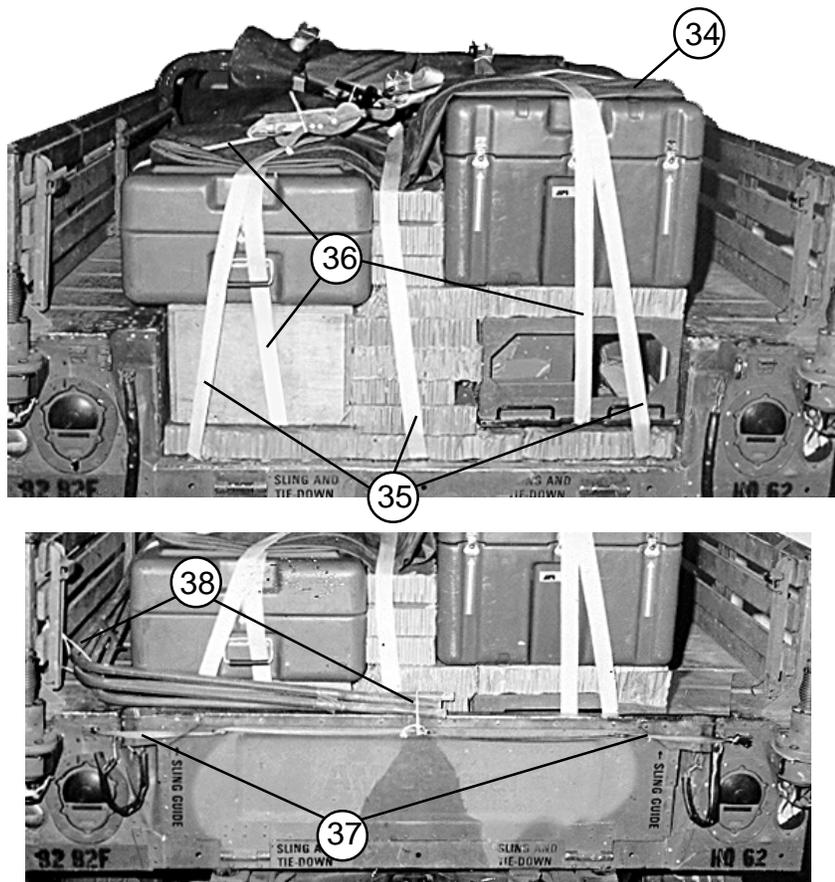


Figure 5-9. LTACFIRE and Accompanying Equipment Rigged in M998 Truck (continued)



- ③④ Cover the items with the folded truck cargo bed cover.
- ③⑤ Secure the three lashings pre-positioned under the honeycomb in steps 2 through 4 over the load.
- ③⑥ Secure the lashings placed in steps 11 and 12 over the load, passing them through box carrying handles whenever possible.
- ③⑦ Close the tailgate and secure it with 1/2-inch tubular nylon webbing.
- ③⑧ Tie the bows together and secure them to convenient points with type III nylon cord.

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