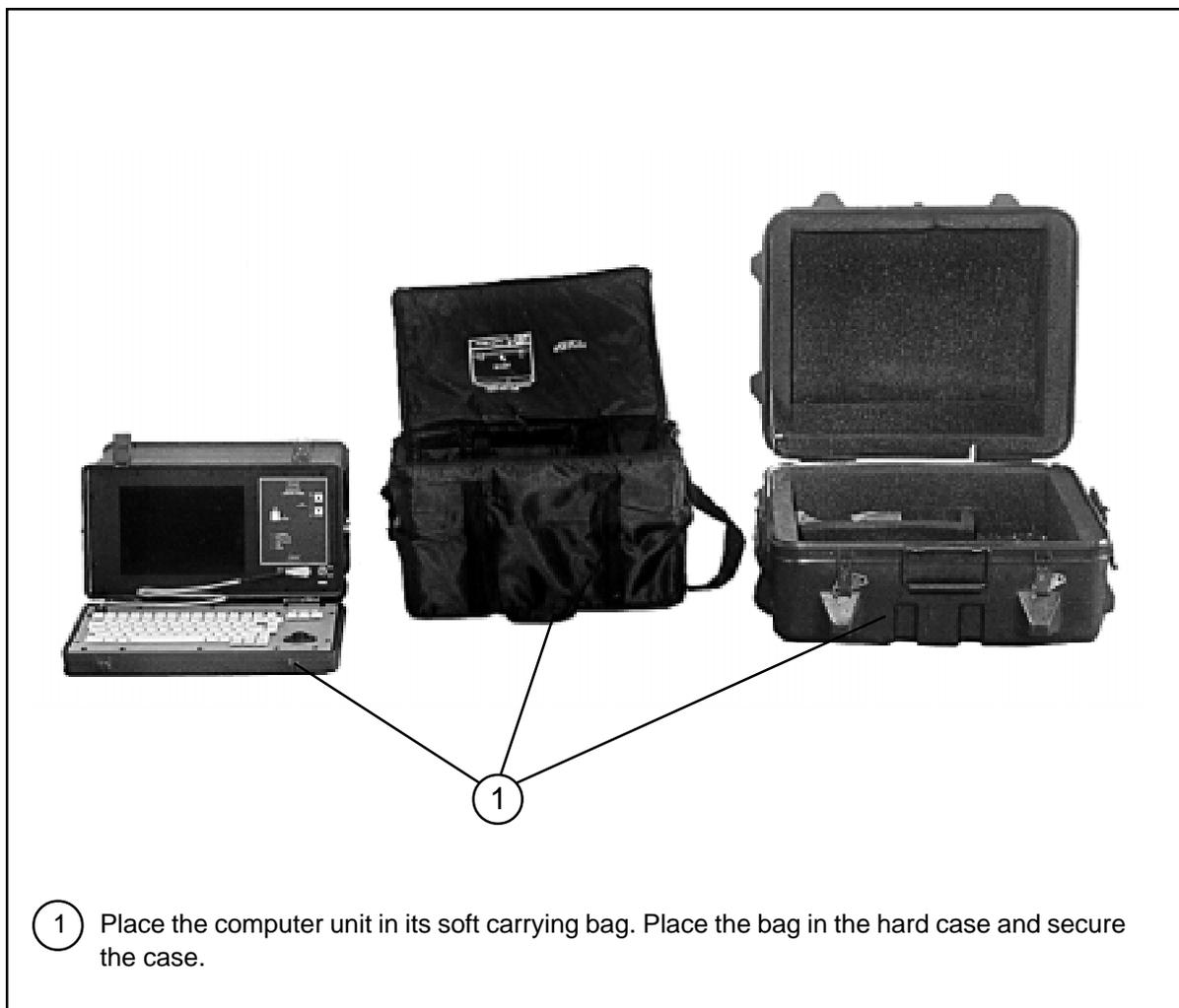


**RIGGING INITIAL FIRE SUPPORT AUTOMATED SYSTEM (IFSAS) IN M998 TRUCK**

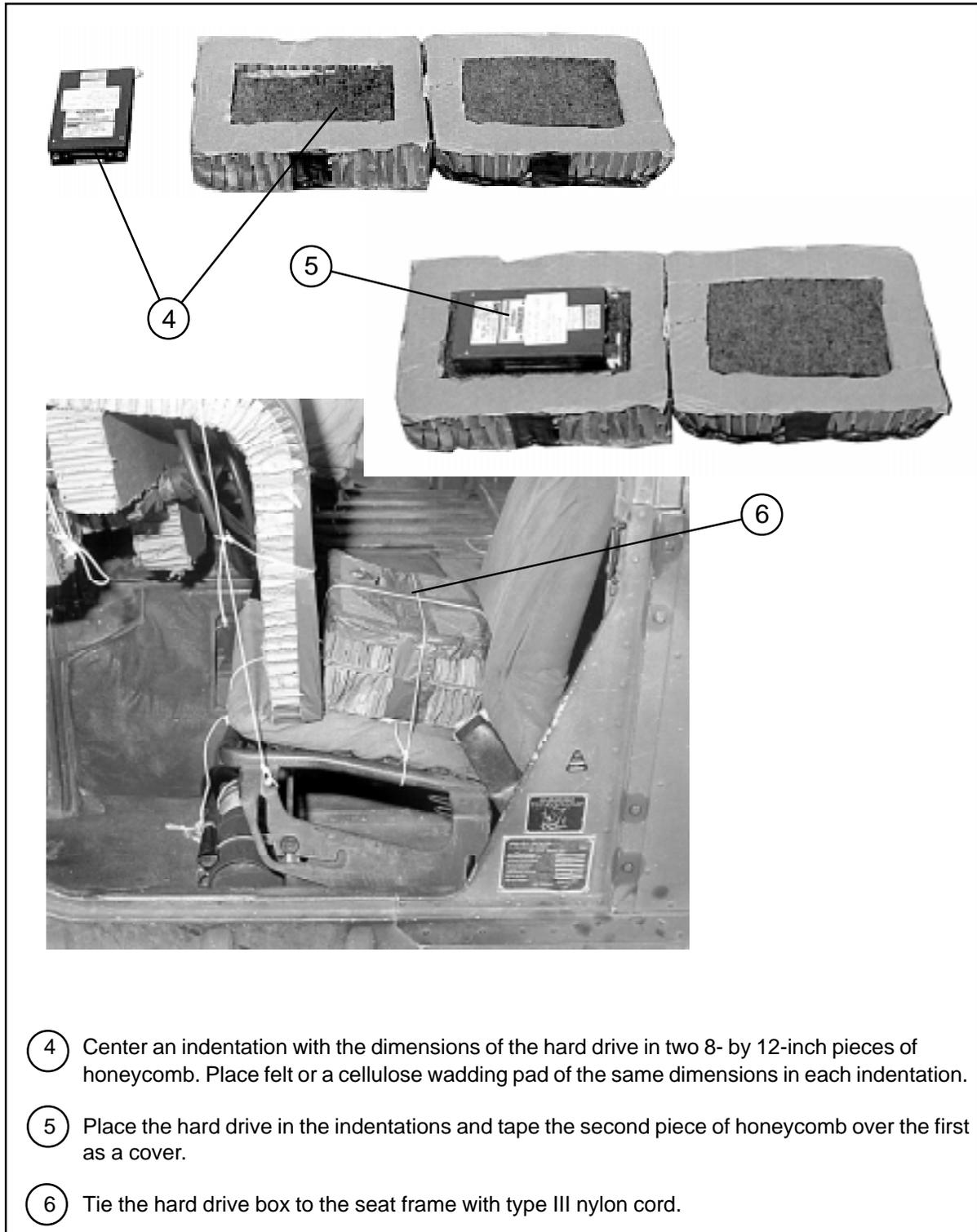
5-10. Use the procedures shown in Figure 5-10 to rig the IFSAS in a cargo/troop carrier-configured truck. An additional 500 pounds of equipment must be added to the items shown to meet the minimum weight requirement of 800 pounds for the accompanying load. Boxes of 105-millimeter ammunition are shown here, but other items weighing the same or more may be used.



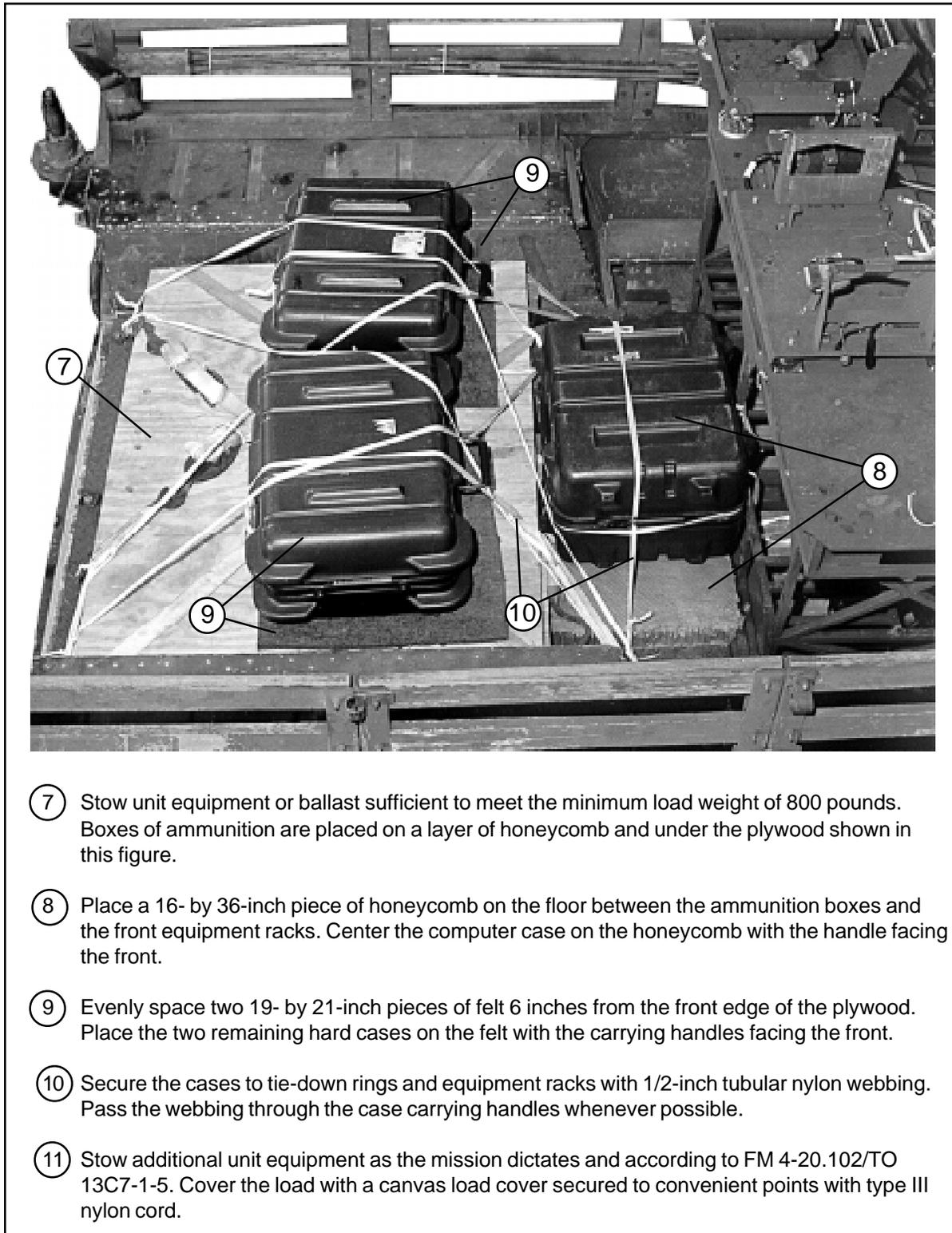
**Figure 5-10. IFSAS Rigged in M998 Truck**



Figure 5-10. IFSAS Rigged in M998 Truck (continued)



**Figure 5-10. IFSAS Rigged in M998 Truck (continued)**

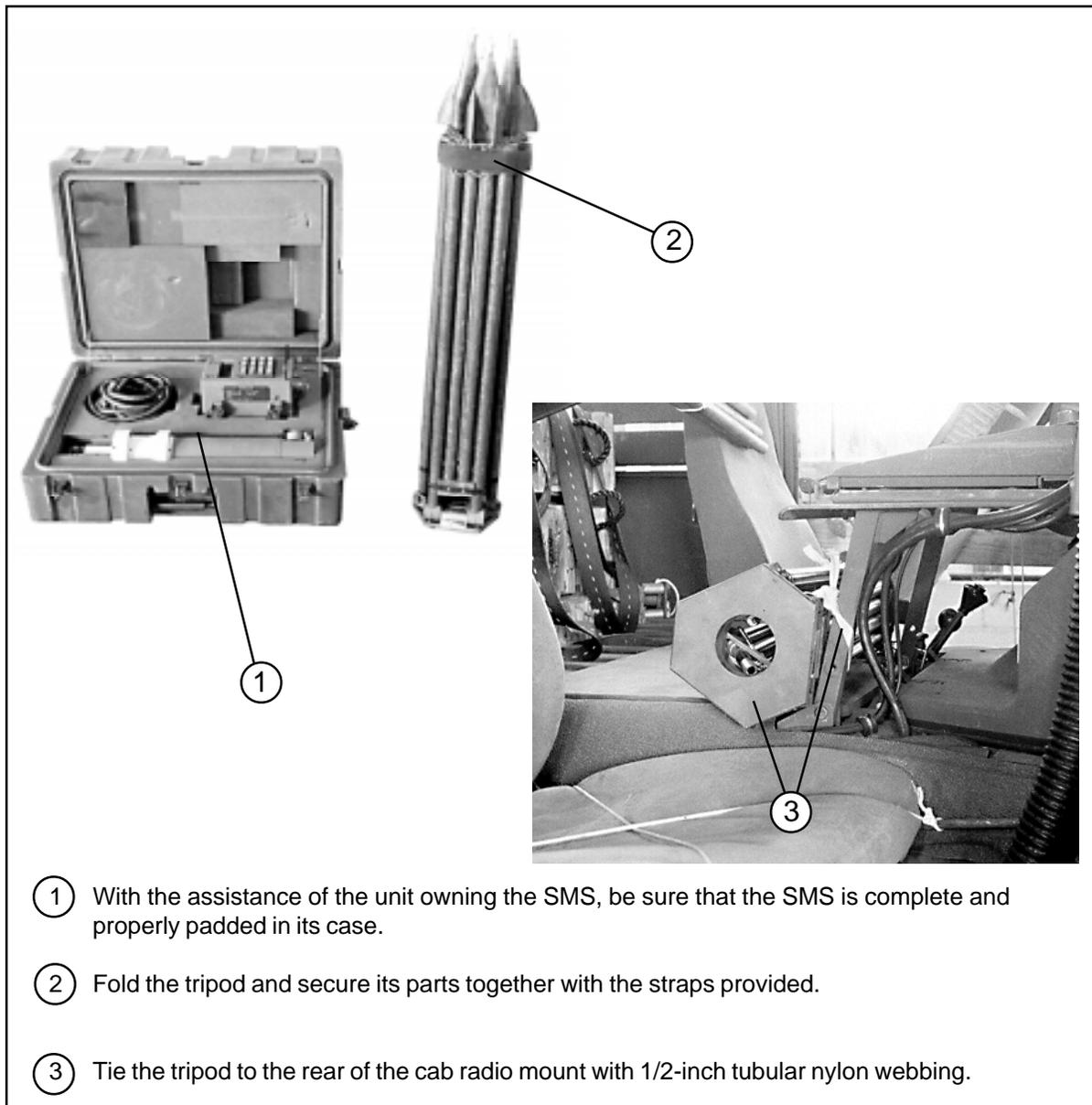


- ⑦ Stow unit equipment or ballast sufficient to meet the minimum load weight of 800 pounds. Boxes of ammunition are placed on a layer of honeycomb and under the plywood shown in this figure.
- ⑧ Place a 16- by 36-inch piece of honeycomb on the floor between the ammunition boxes and the front equipment racks. Center the computer case on the honeycomb with the handle facing the front.
- ⑨ Evenly space two 19- by 21-inch pieces of felt 6 inches from the front edge of the plywood. Place the two remaining hard cases on the felt with the carrying handles facing the front.
- ⑩ Secure the cases to tie-down rings and equipment racks with 1/2-inch tubular nylon webbing. Pass the webbing through the case carrying handles whenever possible.
- ⑪ Stow additional unit equipment as the mission dictates and according to FM 4-20.102/TO 13C7-1-5. Cover the load with a canvas load cover secured to convenient points with type III nylon cord.

**Figure 5-10. IFSAS Rigged in M998 Truck (continued)**

**RIGGING SEMI-AUTOMATIC METEOROLOGICAL SENSOR (SMS) IN M998 TRUCK**

5-11. Use the procedures shown in Figure 5-11 to rig the SMS in a cargo/troop carrier-configured truck. Additional equipment must be added to the items shown to meet the minimum weight requirement of 800 pounds for the accompanying load.



**Figure 5-11. Rigging SMS in Cargo/Troop Carrier**



Figure 5-11. Rigging SMS in Cargo/Troop Carrier (continued)

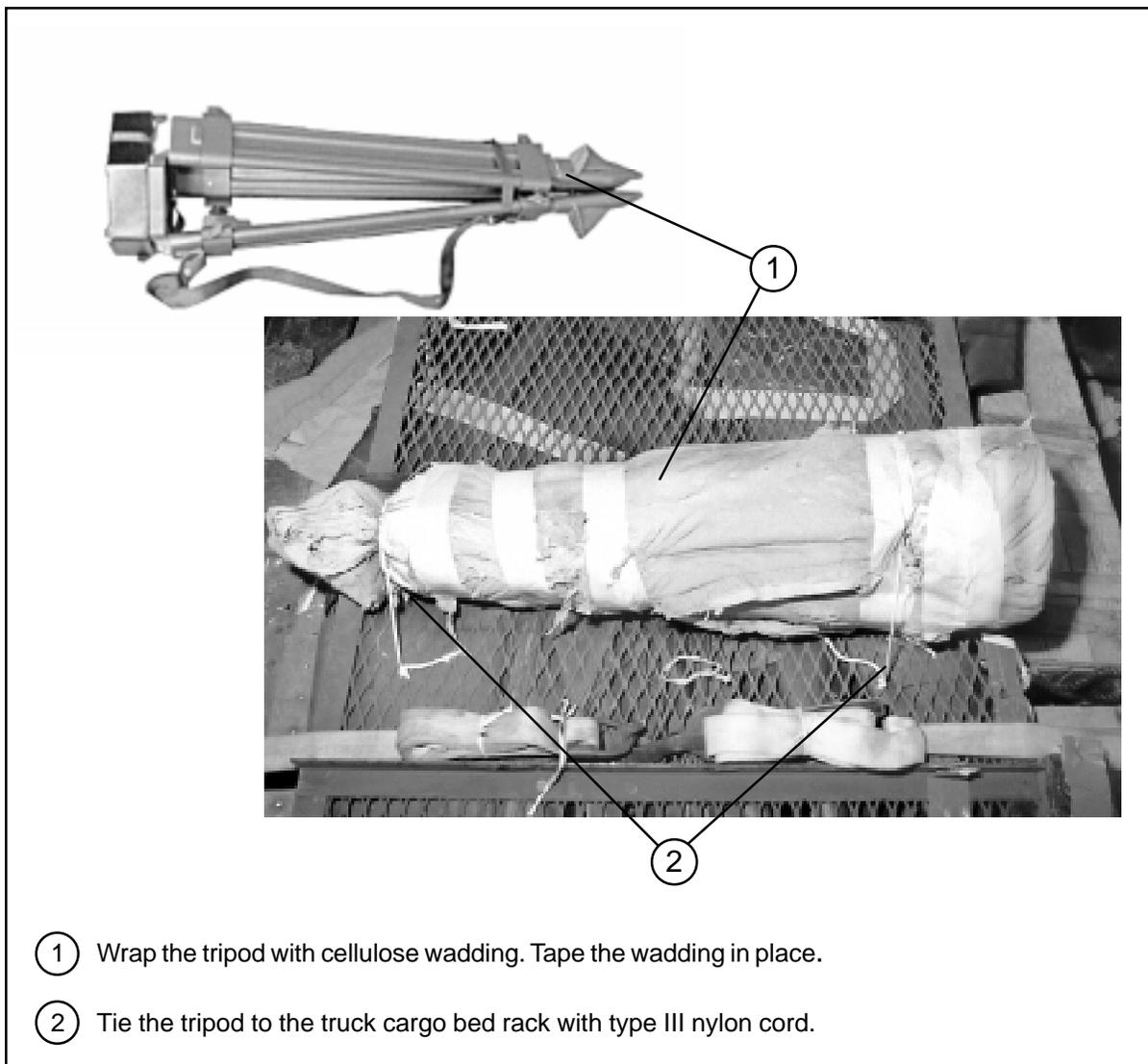


- ⑦ Tie two lengths of 1/2-inch tubular nylon webbing around the case and the seat back. Tie one length above the outside carrying handle, and tie the other length through the carrying handle.

**Figure 5-11. Rigging SMS in Cargo/Troop Carrier (continued)**

### RIGGING GUN LAYING POSITIONING SYSTEM (GLPS) IN M998 TRUCK

5-12. Use the procedures shown in Figure 5-12 to rig the GLPS in a cargo/troop carrier-configured truck (the M1056 truck outfitted as an artillery prime mover is shown). The GLPS consists of four components, each in its own case. The components are the gyro, theodolite, charger, and winterization kit. Additional equipment must be added to the items shown to meet the minimum weight requirement of 800 pounds for the accompanying load.



**Figure 5-12. GLPS Rigged in M1056 Truck**

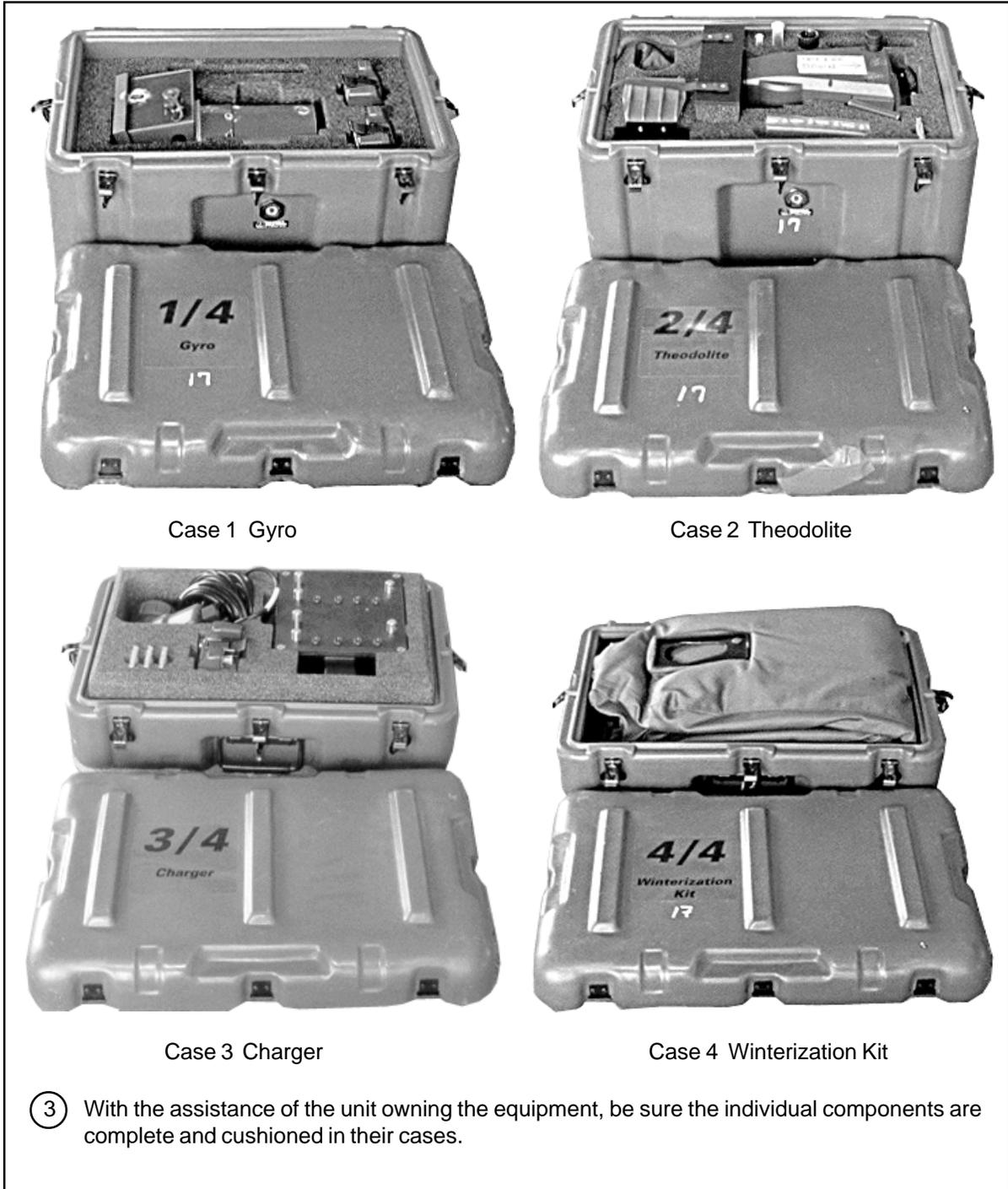
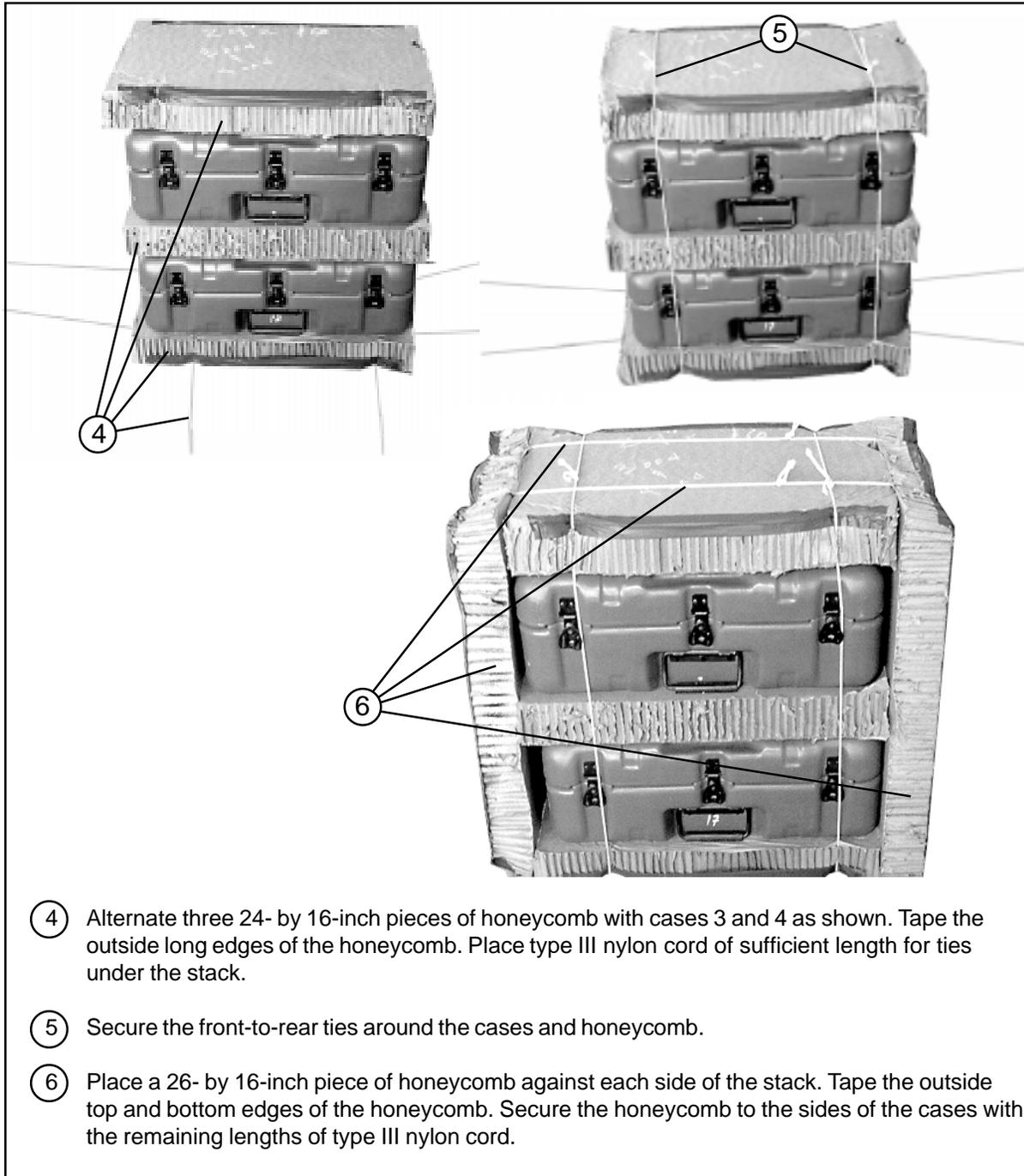
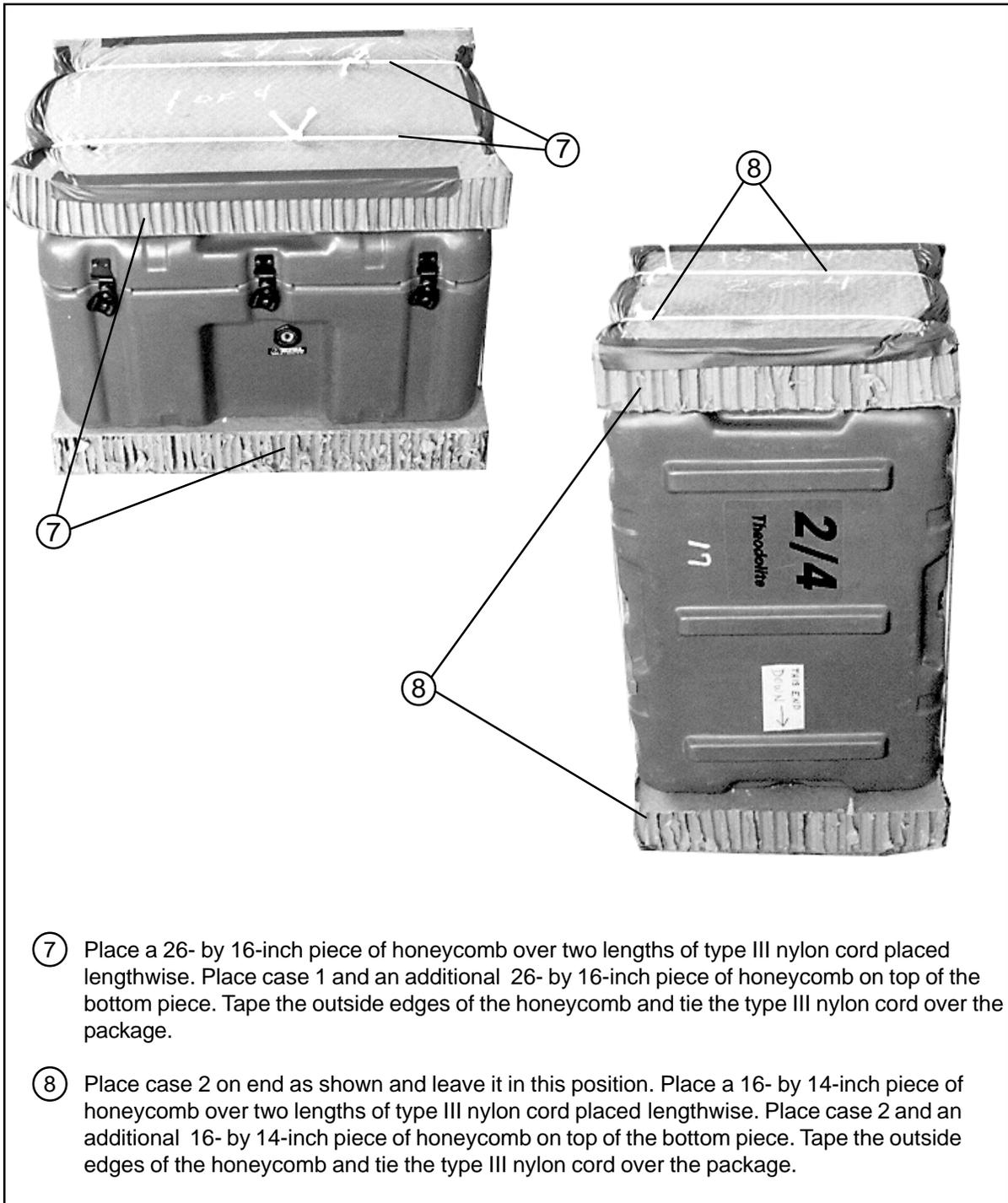


Figure 5-12. GLPS Rigged in M1056 Truck (continued)



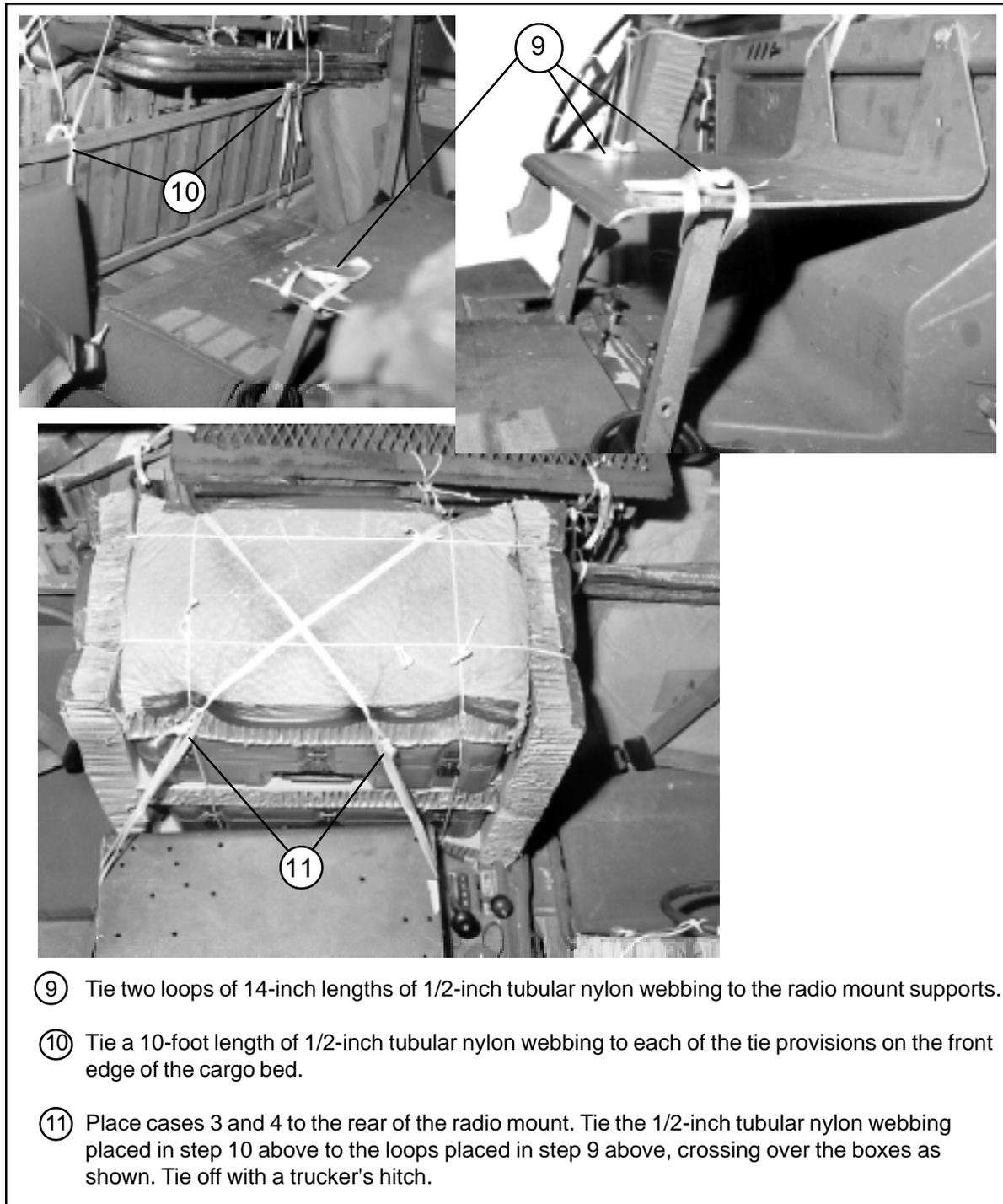
- ④ Alternate three 24- by 16-inch pieces of honeycomb with cases 3 and 4 as shown. Tape the outside long edges of the honeycomb. Place type III nylon cord of sufficient length for ties under the stack.
- ⑤ Secure the front-to-rear ties around the cases and honeycomb.
- ⑥ Place a 26- by 16-inch piece of honeycomb against each side of the stack. Tape the outside top and bottom edges of the honeycomb. Secure the honeycomb to the sides of the cases with the remaining lengths of type III nylon cord.

Figure 5-12. GLPS Rigged in M1056 Truck (continued)



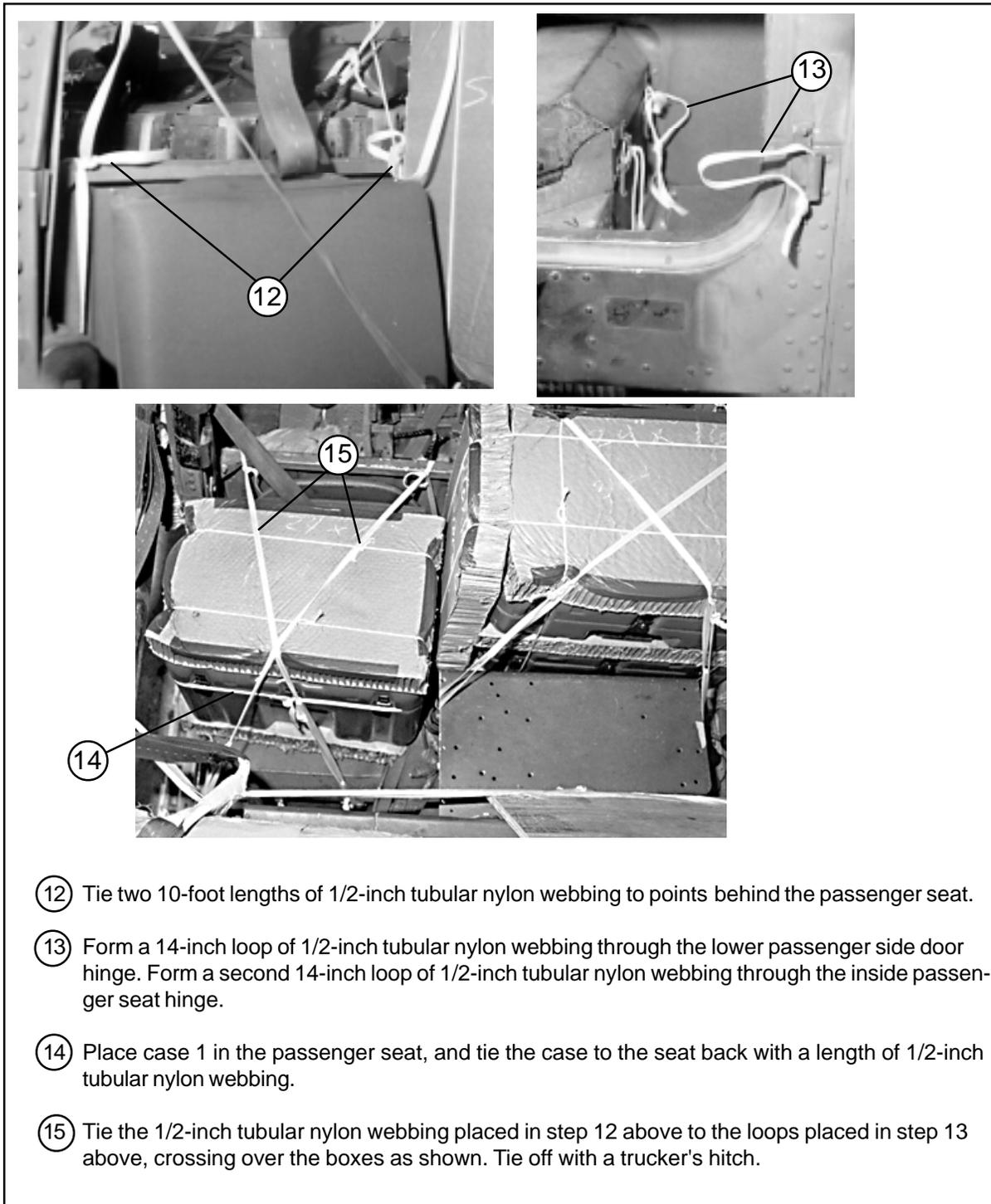
- ⑦ Place a 26- by 16-inch piece of honeycomb over two lengths of type III nylon cord placed lengthwise. Place case 1 and an additional 26- by 16-inch piece of honeycomb on top of the bottom piece. Tape the outside edges of the honeycomb and tie the type III nylon cord over the package.
- ⑧ Place case 2 on end as shown and leave it in this position. Place a 16- by 14-inch piece of honeycomb over two lengths of type III nylon cord placed lengthwise. Place case 2 and an additional 16- by 14-inch piece of honeycomb on top of the bottom piece. Tape the outside edges of the honeycomb and tie the type III nylon cord over the package.

Figure 5-12. GLPS Rigged in M1056 Truck (continued)

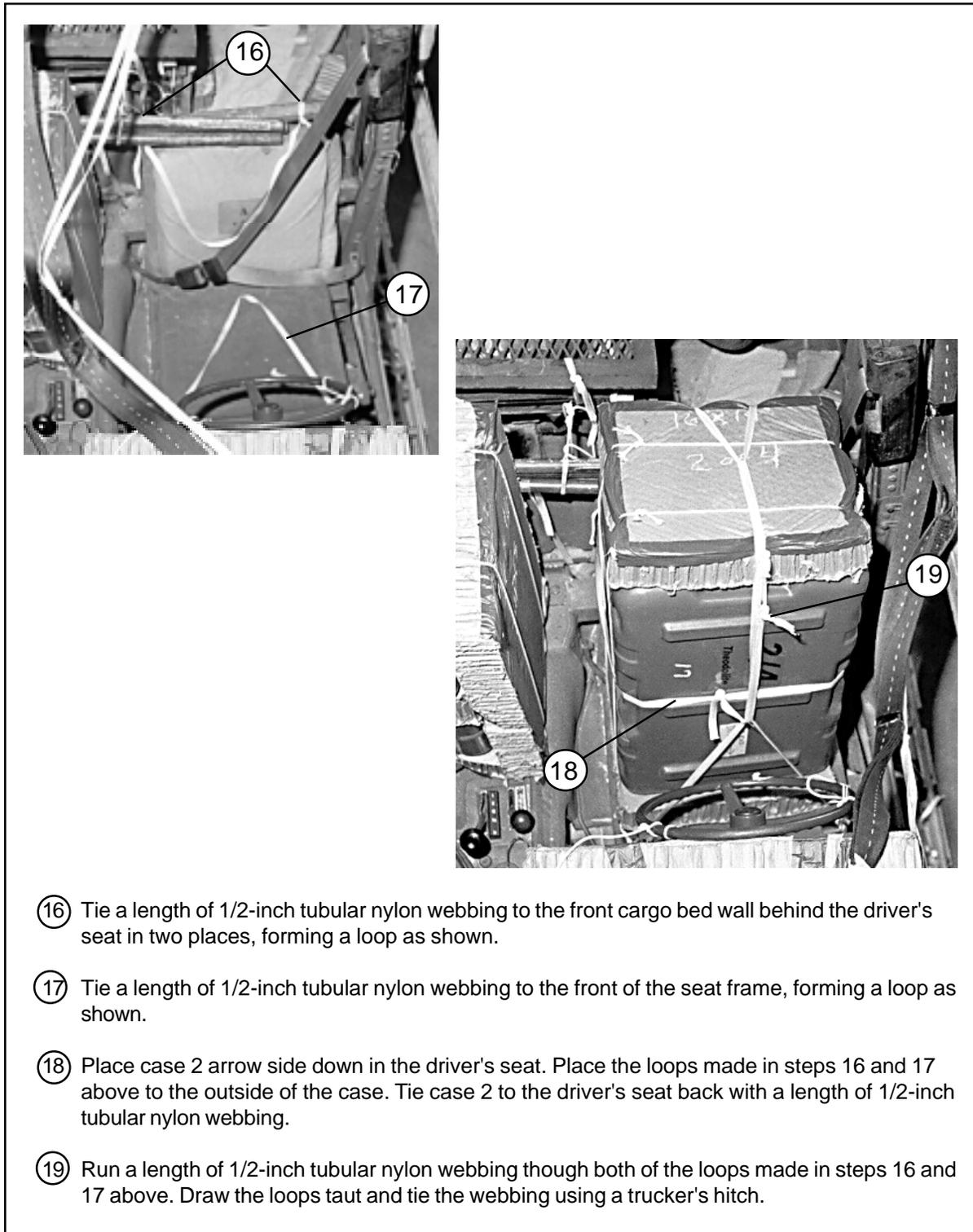


- ⑨ Tie two loops of 14-inch lengths of 1/2-inch tubular nylon webbing to the radio mount supports.
- ⑩ Tie a 10-foot length of 1/2-inch tubular nylon webbing to each of the tie provisions on the front edge of the cargo bed.
- ⑪ Place cases 3 and 4 to the rear of the radio mount. Tie the 1/2-inch tubular nylon webbing placed in step 10 above to the loops placed in step 9 above, crossing over the boxes as shown. Tie off with a trucker's hitch.

**Figure 5-12. GLPS Rigged in M1056 Truck (continued)**

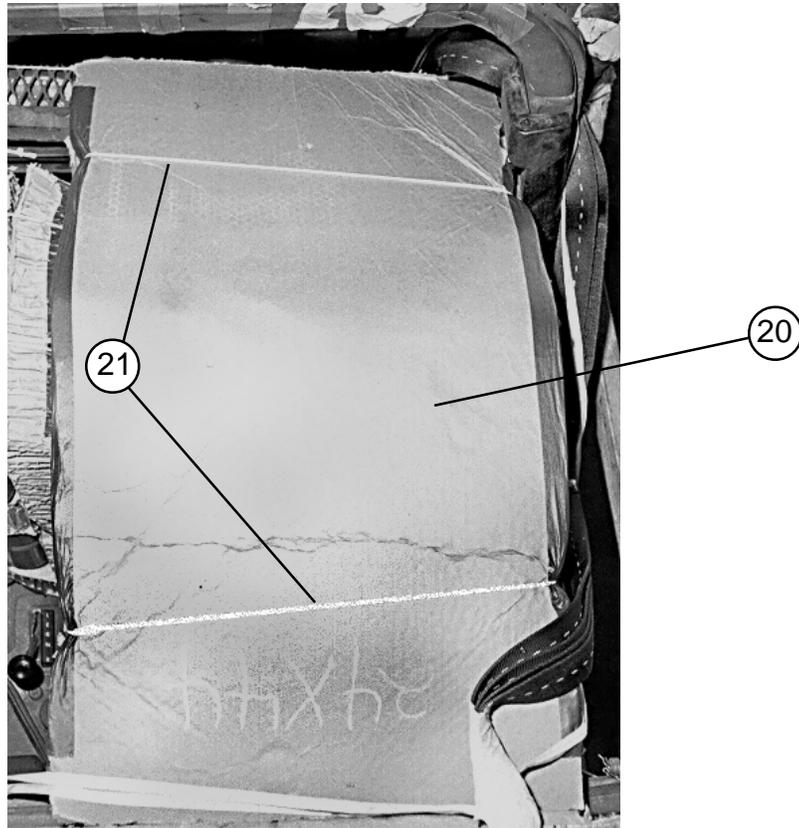


**Figure 5-12. GLPS Rigged in M1056 Truck (continued)**



- ①⑥ Tie a length of 1/2-inch tubular nylon webbing to the front cargo bed wall behind the driver's seat in two places, forming a loop as shown.
- ①⑦ Tie a length of 1/2-inch tubular nylon webbing to the front of the seat frame, forming a loop as shown.
- ①⑧ Place case 2 arrow side down in the driver's seat. Place the loops made in steps 16 and 17 above to the outside of the case. Tie case 2 to the driver's seat back with a length of 1/2-inch tubular nylon webbing.
- ①⑨ Run a length of 1/2-inch tubular nylon webbing through both of the loops made in steps 16 and 17 above. Draw the loops taut and tie the webbing using a trucker's hitch.

Figure 5-12. GLPS Rigged in M1056 Truck (continued)



- ②① Bend a 44- by 24-inch piece of honeycomb over the steering wheel and case 2. Tape the outside edges of the honeycomb.
- ②① Tie the honeycomb to convenient points in the truck with type III nylon cord.

**Figure 5-12. GLPS Rigged in M1056 Truck (continued)**