

Section IV
CARGO PARACHUTES

3-15. Riser Extensions

The risers of a cluster of cargo parachutes used on low-velocity airdrop platform loads must be extended (lengthened). The length of the extension needed for the cluster is given in Table 2-6.

a. Forming Extensions. Join the correct number of cargo slings together with type IV link assemblies as shown in Figure 3-18.

(1) Using 40-Foot Riser Extensions. Use two 20-foot riser extensions.

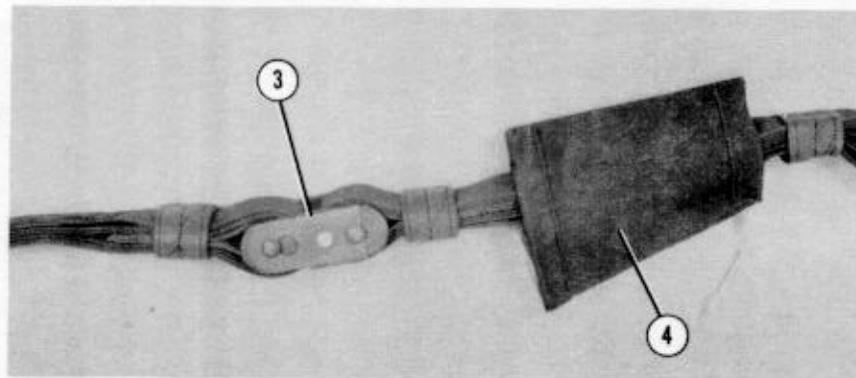
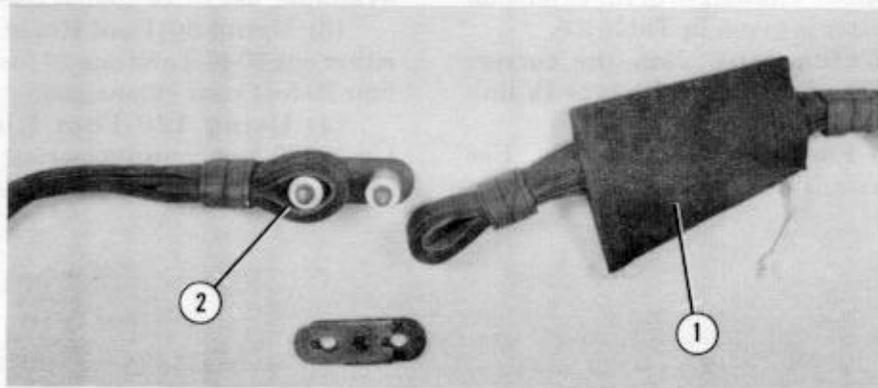
(2) Using 60-Foot Riser Extensions. When 60-foot continuous riser extensions are not available, use three 20-foot riser extensions.

(3) Using 80-Foot Riser Extensions. Use either one 60-foot and one 20-foot riser extension or four 20-foot riser extensions.

(4) Using 120-Foot Riser Extensions. Use a 120-foot continuous riser extension for six-, seven-, or eight-parachute loads.

CAUTION

Be sure that the button is properly seated after the link plate is closed.



Note: The cover will not be used for connecting extraction parachutes.

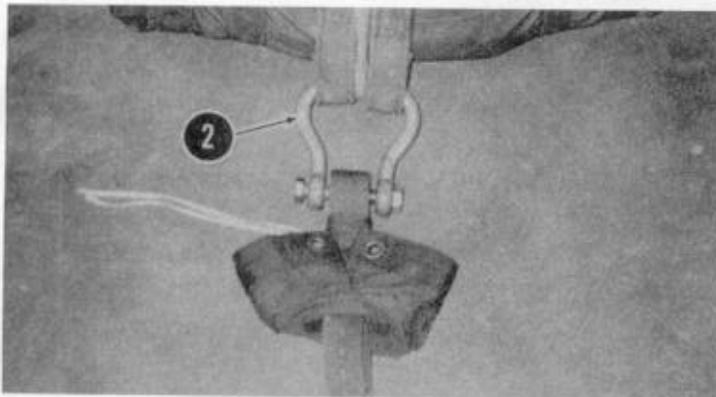
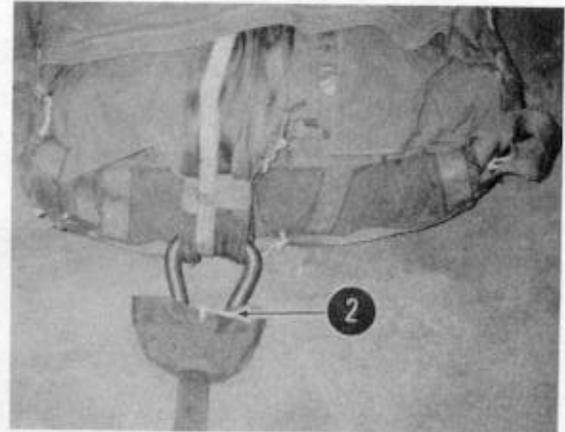
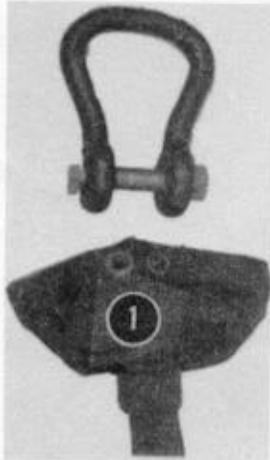
Use Table 2-6 to see how many 20-foot cargo slings will be needed. Join the slings together with a type IV link assembly as follows:

- ① Slide a link cover over the free end of one sling.
- ② Fit the end of another sling onto a pin of the link.
- ③ Fit the end of the other sling to the other link pin, and close the link plate.
- ④ Slide the keepers hard against the link. Pull the link cover down over the link, and tie the cover in place with its drawstrings.

Figure 3-18. Extensions joined with a type IV link assembly

b. Bolting Extensions to Risers. Bolt the riser extension to the risers of a cargo parachute as shown in Figure 3-19.

Note: Do not mix riser extensions. All parachutes on a load must have like riser extensions.



- ① Slip a clevis cover on one end of a 20-foot cargo sling or a riser extension.
- ② Fit the sling on the bolt of the clevis running through the parachute risers.

CAUTION

The nuts must be tight enough to keep them from loosening during transport and airdrop.

- ③ Slide the clevis cover up over the bolt of the clevis, and tie the cover in place with a length of type I, 1/4-inch cotton webbing. The tie passes through the grommets of the cover.
- ④ Tie the clevis to the left bag carrying handle with one turn double of type I, 1/4-inch cotton webbing. (Not shown)

Figure 3-19. Riser extension bolted to risers

3-16. Stowing Riser Extensions

The riser extensions for the parachutes must be stowed as given below.

a. G12-E Cargo Parachute. Stow the riser extension of a G-12E cargo parachute as

shown in Figure 3-20.

b. G-11B or G-11C Cargo Parachute. Stow the riser extensions of a G-11B or G-11C cargo parachute as shown in Figures 3-21 and 3-22.

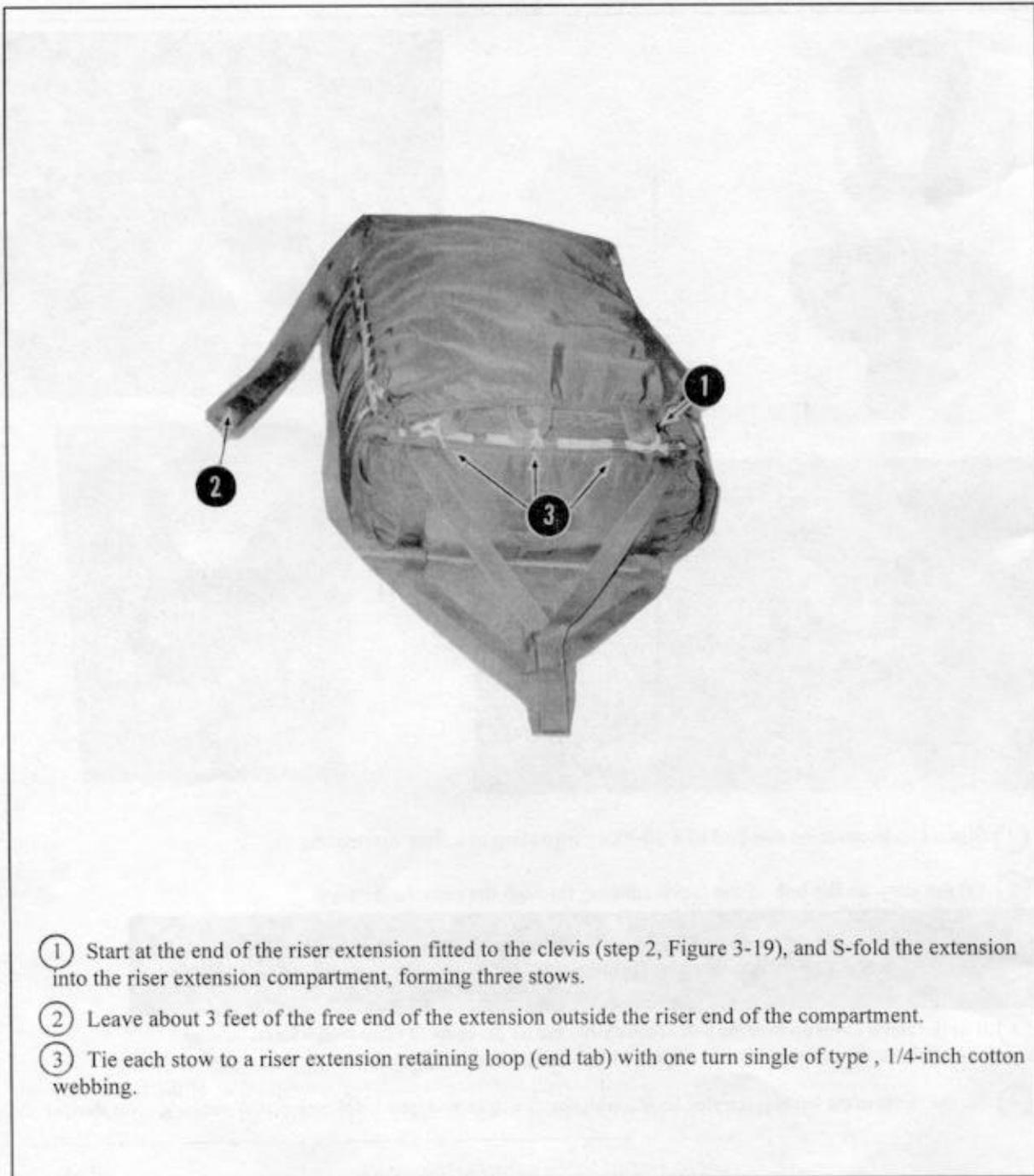


Figure 3-20. Riser extension of a G-12E cargo parachute stowed



- ① Fold an 8-foot length of 1/2-inch tubular nylon webbing in half lengthwise. Run the loop in the folded end through the right front carrying handle. Run the free ends of the webbing through this loop, and pull the webbing taut.
- ② Run the webbing across the parachute, passing it through the riser extension retaining loops (end tabs).
Note: Do not pull the webbing tight across the parachute.
- ③ Tie the webbing to the left front carrying handle with three alternating half hitches and an overhand knot in each free running end.
Note: This is the riser extension securing line.
- ④ Start at the end of the riser extension fitted to the clevis (step 2, Figure 3-19), and S-fold the 20-foot extension into the riser extension compartment.
- ⑤ Leave about 3 feet of the free end of the extension outside the riser end of the compartment.
- ⑥ Tie each stow to the riser extension securing line with ties of double type I, 1/4-inch cotton webbing.
Note: The chalk marks on the compartment cover show the routing of the riser extension.

Figure 3-21. Riser extension securing line installed and 20-foot riser extension stowed

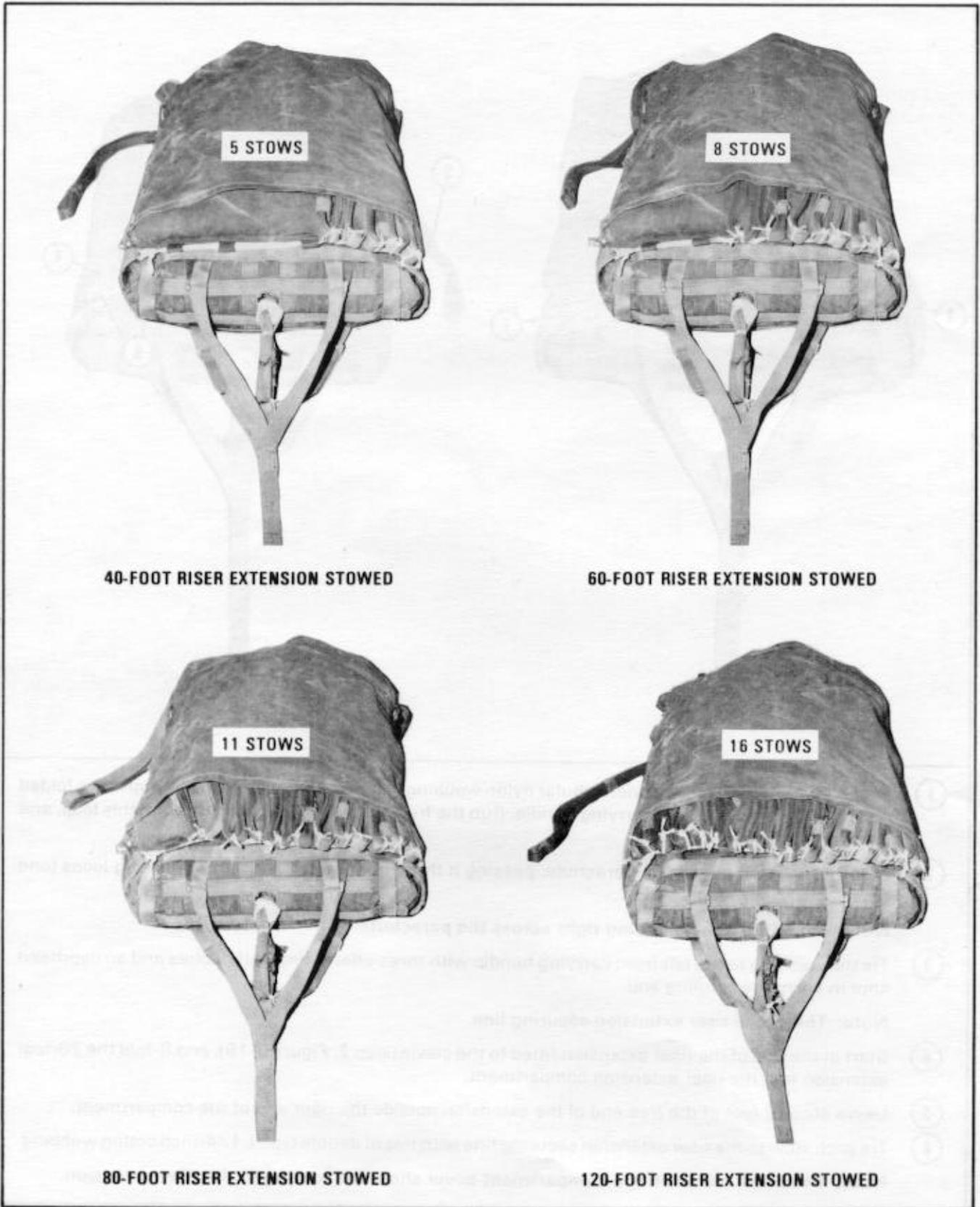


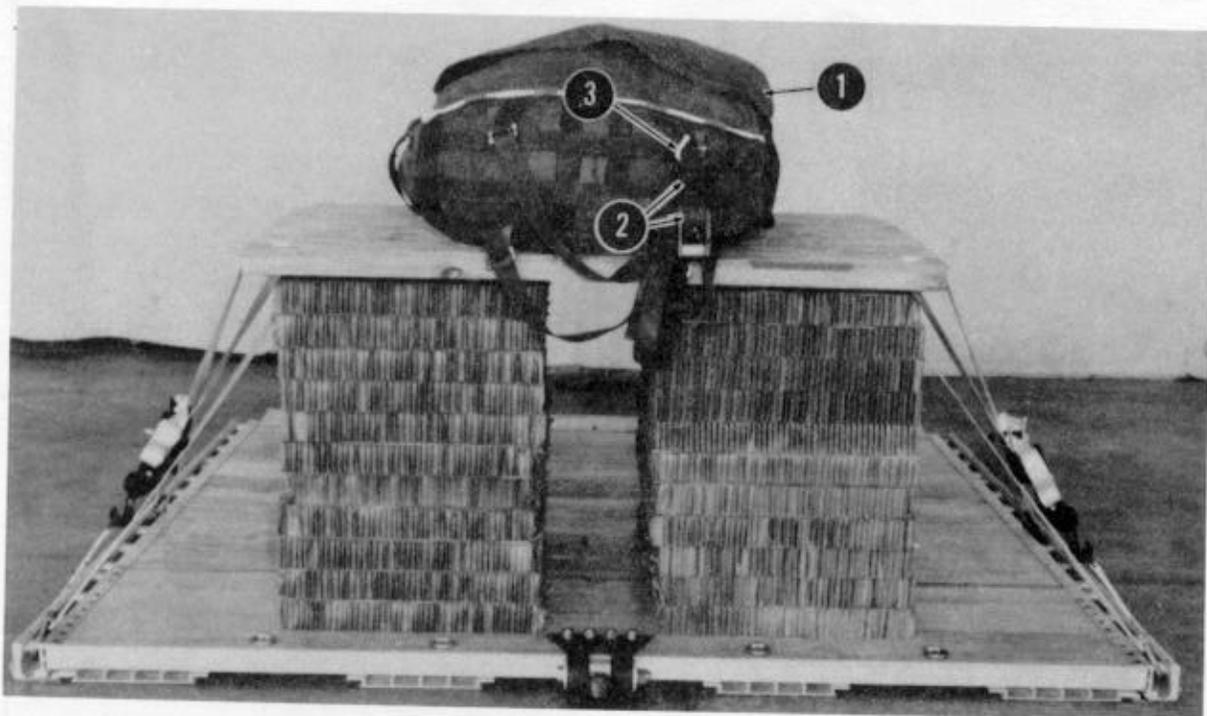
Figure 3-22. The 40-, 60-, 80-, and 120-foot riser extensions stowed

3-17. Stowing Cargo Parachutes

When referring to cargo parachutes, stowing consists of three steps. First, place the cargo parachutes on the load or on a parachute stowage platform. Second, cluster the parachutes by tying their deployment bags together. Third, group the bridles of a multiparachute load. Stow the parachutes as shown in Figures 3-23 through 3-30.

3-18. Using Deployment Lines

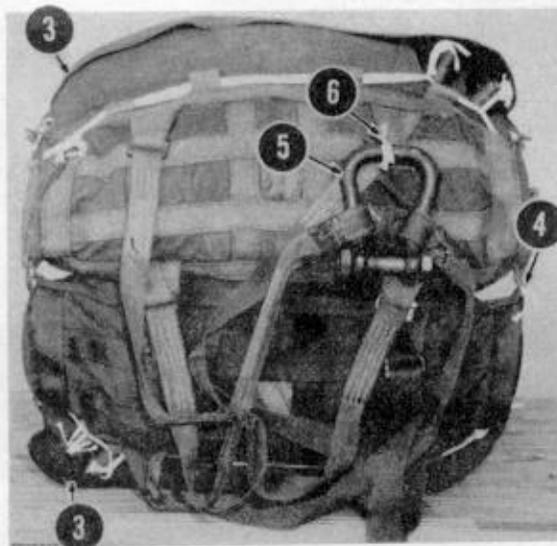
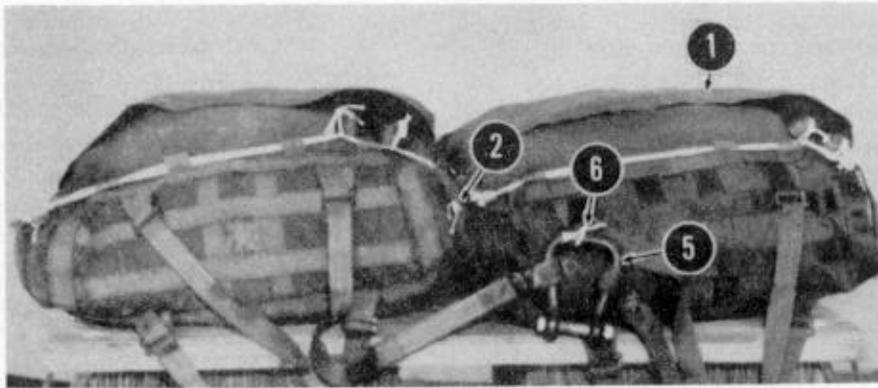
The correct size and length of the deployment line will be given in each specific rigging manual. As a rule, use 2-loop, type XXVI nylon slings and 3-loop, type X nylon slings as deployment lines. One end of the deployment line is fitted to the link assembly of a PEFTC or EFTC or to the extraction clevis of the SL/CS extraction system. The other end of the line is fitted to the bolt of the large clevis grouping the bridles of a cluster of parachutes or to the type IV link assembly on the bridle of a single parachute load.



REAR

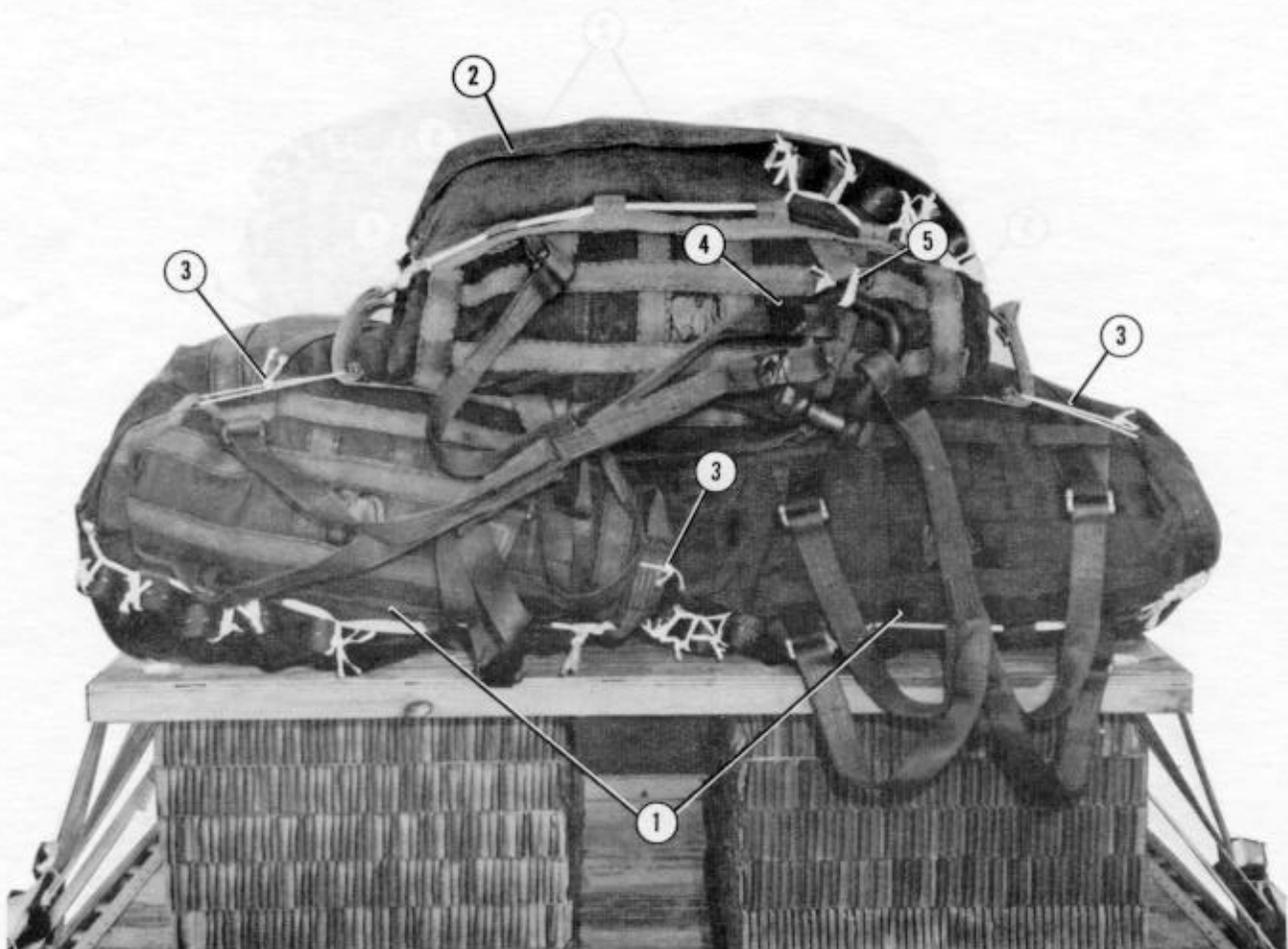
- ① Set one parachute on the load or on a parachute stowage platform with the riser compartment up and with the bridle toward the rear of the platform.
- ② Fit a link cover on the bridle, and fit a type IV link assembly to the bridle loop.
- ③ Run a length of doubled type 1, 1/4-inch cotton webbing around the sewn portion of the bridle loop and through the right attaching loop. Secure with a surgeon's knot and a locking knot.

Figure 3-23. One parachute stowed



- ① Set two parachutes side by side on the load with the riser compartments up and with the bridles toward the rear of the platform.
 - ② Tie the inside front and rear cluster attaching loops (hereafter called carrying handles) together with one turn single of type III nylon cord.
 - ③ Stack two parachutes with the riser compartment of the bottom parachute down and with the riser compartment of the top parachute up.
 - ④ Tie the outside front and rear carrying handles together with one turn single of type III nylon cord.
- Note:** G-12E cargo parachutes are tied together with the clustering straps on each corner of the deployment bag with a single length of type III nylon cord unless the individual rigging manual states otherwise.
- ⑤ Fit the bridle loops on the arms of a large suspension clevis.
 - ⑥ Tie the clevis to a connector link attaching loop with a double length of type I, 1/4-inch cotton webbing.

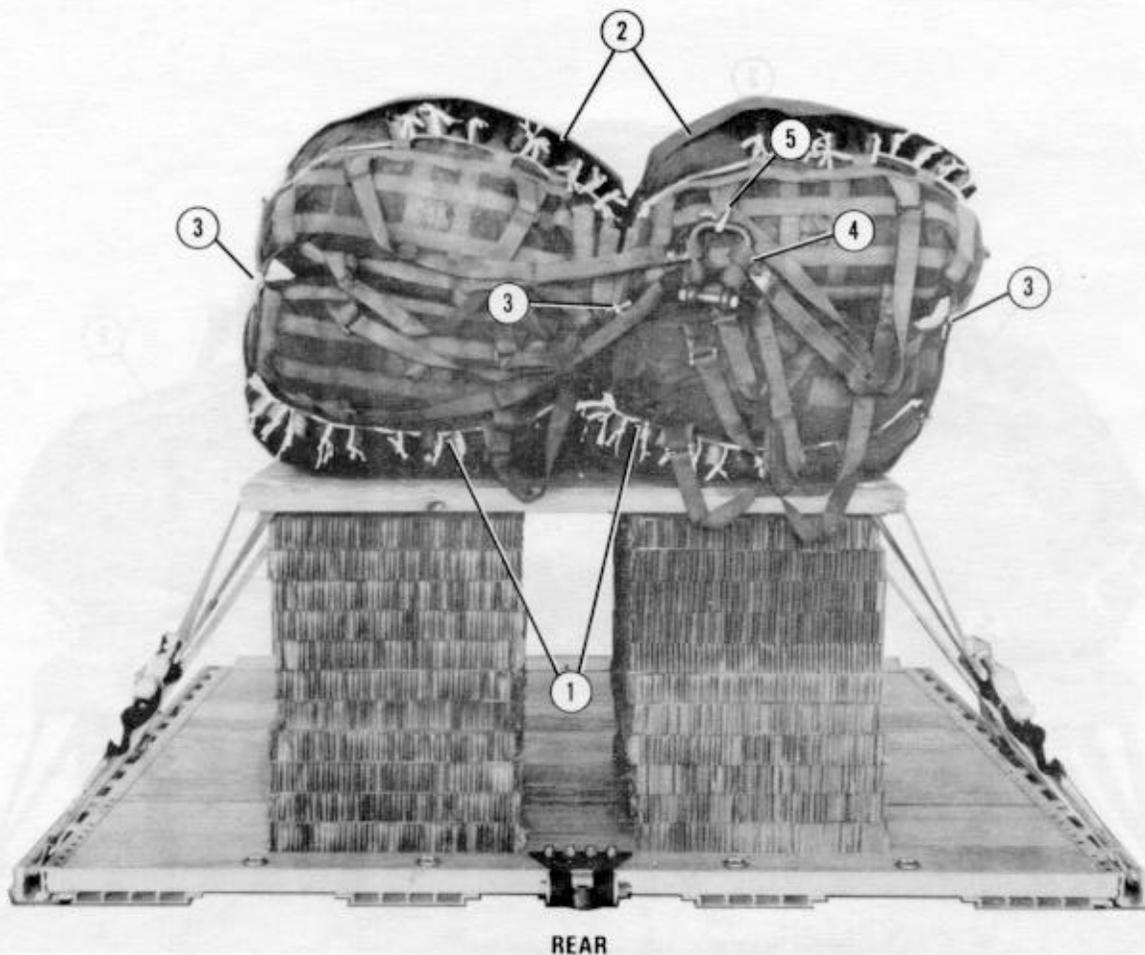
Figure 3-24. Two parachutes stowed



REAR

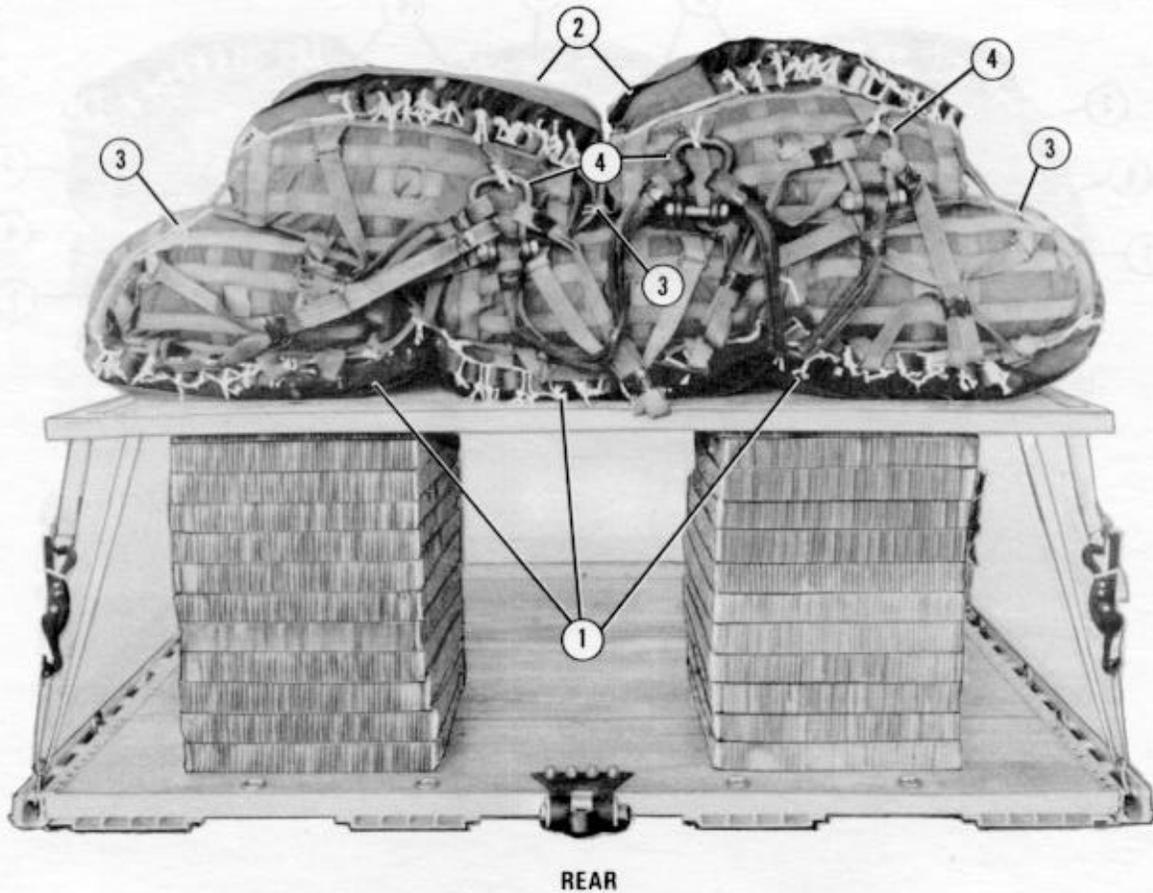
- ① Set two parachutes side by side on the load with the riser compartments down and with the bridles toward the rear of the platform.
- ② Center one parachute on top of the two parachutes in step 1 above with the riser compartment up.
- ③ Tie the carrying handles together with a single length of type III nylon cord.
- ④ Fit the bridle loops on the arms of a large suspension clevis.
- ⑤ Tie the clevis to a connector link attaching loop with a double length of type I, 1/4-inch cotton webbing.

Figure 3-25. Three parachutes stowed



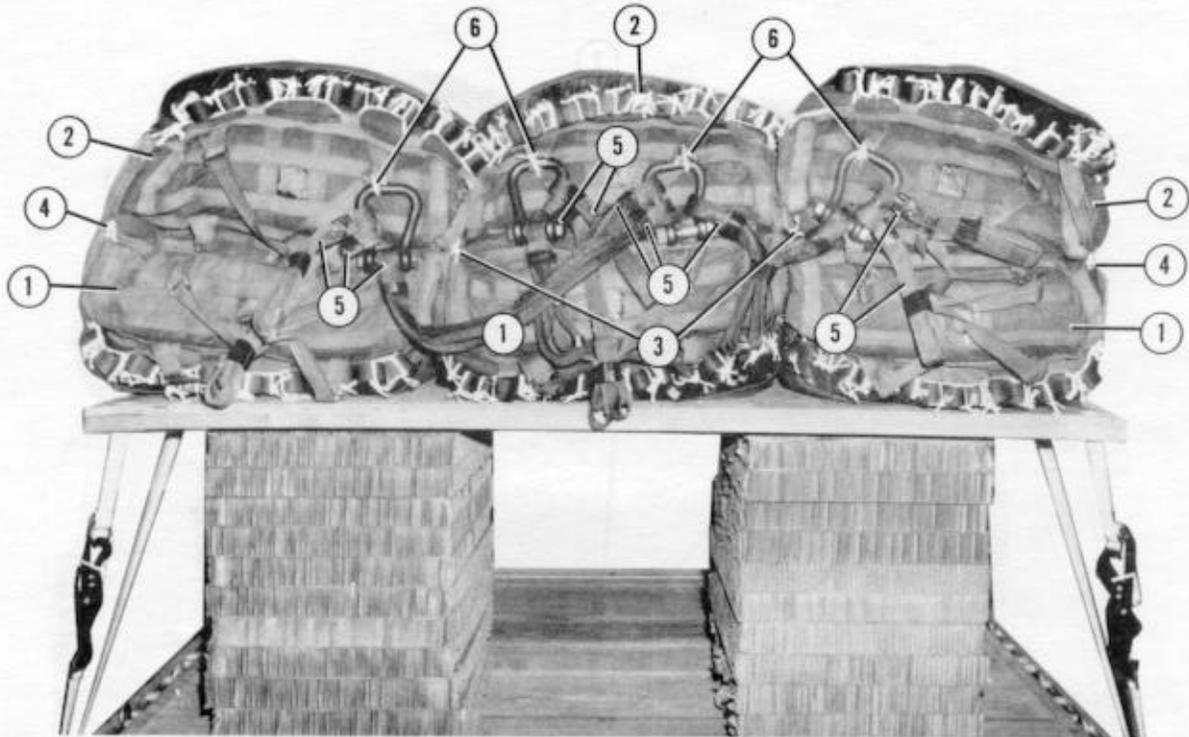
- ① Set two parachutes side by side on the load with the riser compartments down and with the bridles toward the rear of the platform.
- ② Set two parachutes side by side on top of the parachutes in step 1 above with the riser compartments up.
- ③ Tie the inside carrying handles together and the outside carrying handles together with a single length of type III nylon cord.
- ④ Fit the bridle loops on the arms of a large suspension clevis.
- ⑤ Tie the clevis to a connector link attaching loop with a double length of type I, 1/4-inch cotton webbing.

Figure 3-26. Four parachutes stowed



- ① Set three parachutes side by side on the load with the riser compartments down and with the bridles toward the rear of the platform.
- ② Center two parachutes on top of the three parachutes in step 1 above with the riser compartments up.
- ③ Tie the carrying handles together with a single length of type III nylon cord.
- ④ Fit the bridles of the left three parachutes on the arms of a large suspension clevis, and fit a 3-foot sling on the clevis bolt. Fit the bridles of the two right parachutes on the arms of a second clevis, and fit a 3-foot sling on the clevis bolt. Fit the ends of the two 3-foot slings on the arms of a third clevis. Tie each clevis to a connector link attaching loop with a double length of type I, 1/4-inch cotton webbing.

Figure 3-27. Five parachutes stowed

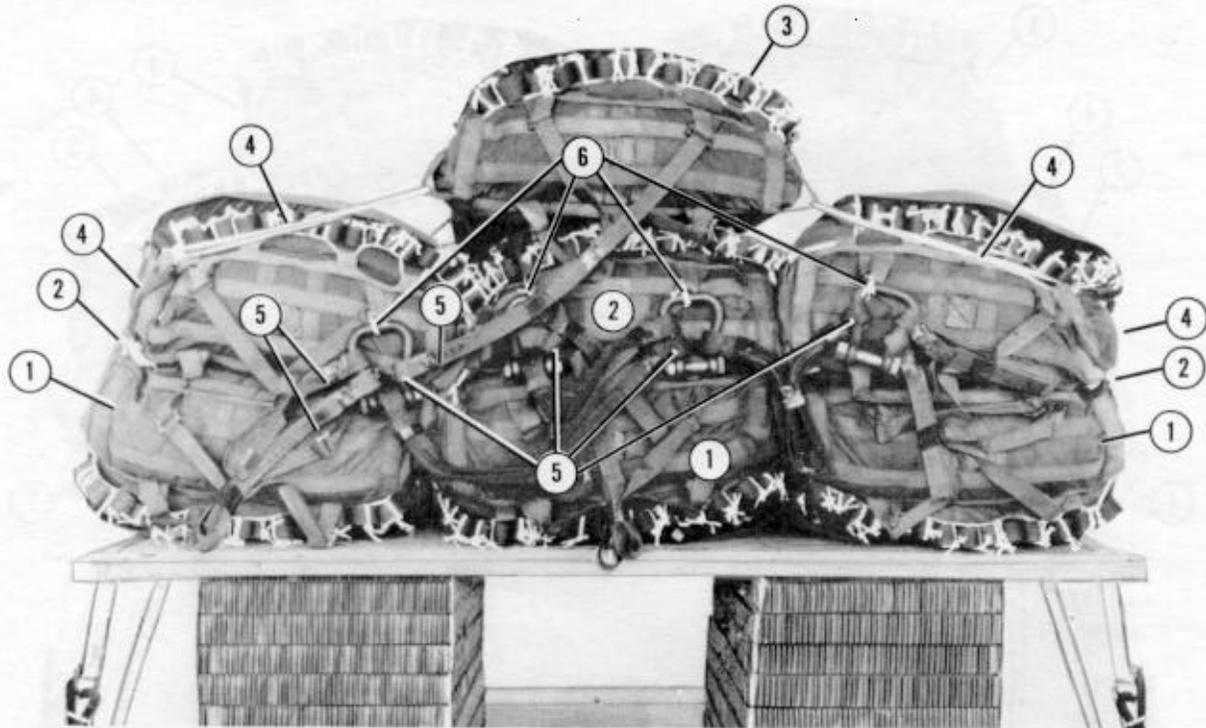


- ① Set three parachutes side by side on the load with the riser compartments down and with the bridles toward the rear of the platform.
- ② Set three parachutes on top of the parachutes in step 1 above with the riser compartments up.
- ③ Tie the inside front and rear carrying handles together with a single length of type III nylon cord.
- ④ Tie the outside front and rear carrying handles together with a single length of type III nylon cord.
- ⑤ Fit the bridles of the left stack of parachutes on the arms of a large suspension clevis, and fit a 3-foot sling on the clevis bolt. Fit the bridles of the center stack of parachutes on the arms of a second large suspension clevis, and fit a 3-foot sling on the clevis bolt. Fit the bridles of the right stack of parachutes on the arms of a third large suspension clevis, and fit a 3-foot sling on the clevis bolt. Fit the ends of the 3-foot slings on the arms of a fourth large suspension clevis.
- ⑥ Tie each clevis to a connector link attaching loop with a double length of type I, 1/4-inch cotton webbing.

Figure 3-28. Six parachutes stowed

CAUTION

The front clustering ties **MUST NOT** interfere with the deployment of the parachutes.

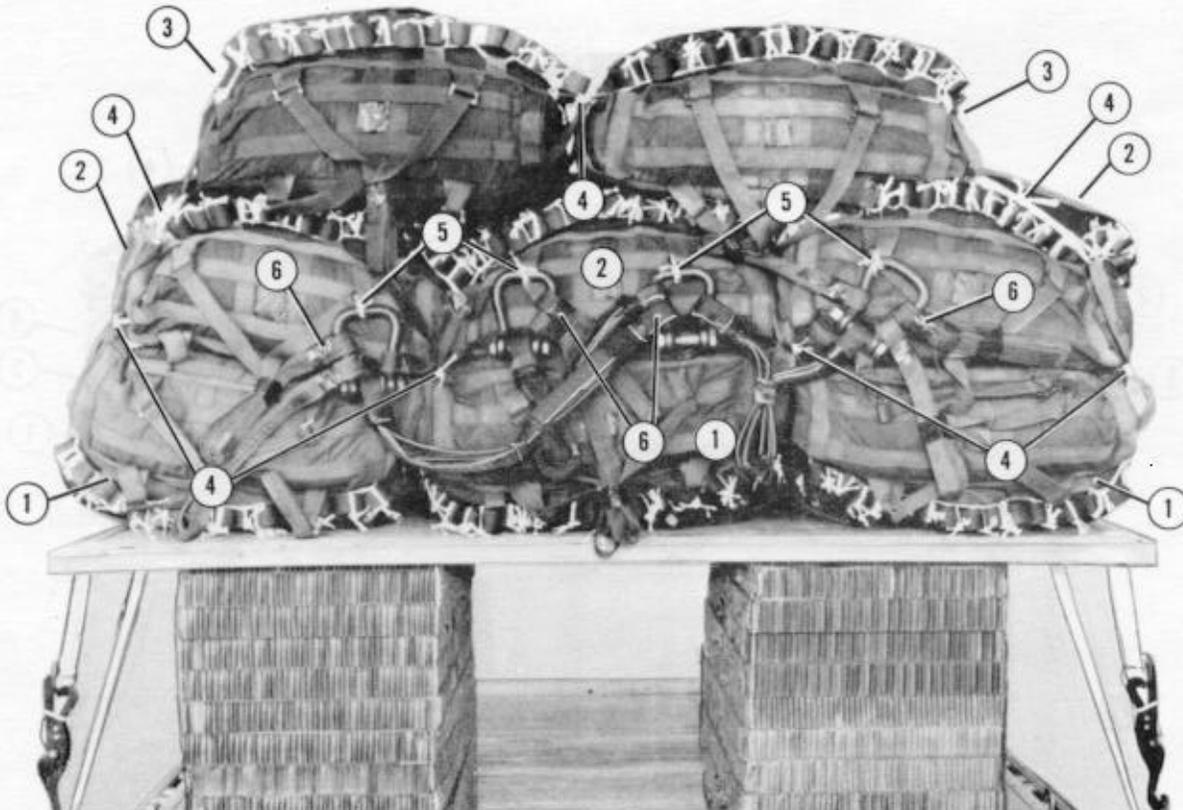


- ① Set three parachutes side by side on the load with the riser compartments down and with the bridles toward the rear of the platform.
- ② Set three parachutes on top of the parachutes in step 1 above with the riser compartments up.
- ③ Set a parachute on top of the center parachutes with the riser compartment up.
- ④ Tie the inside front and rear carrying handles together with lengths of 1/2-inch tubular nylon webbing. Tie the outside corners of the top parachutes together with lengths of 1/2-inch tubular nylon webbing.
- ⑤ Fit the bridles of the left stack and the top parachutes on the arms of a large suspension clevis, and fit a 3-foot sling on the clevis bolt. Fit the bridles of the center stack of parachutes on the arms of a second large suspension clevis, and fit a 3-foot sling on the clevis bolt. Fit the bridles of the right stack of parachutes on the arms of a third large suspension clevis, and fit a 3-foot sling on the clevis bolt. Fit the ends of the 3-foot slings on the arms of a fourth large suspension clevis.
- ⑥ Tie each clevis to a connector link attaching loop with a double length of type I, 1/4-inch cotton webbing.

Figure 3-29. Seven parachutes stowed

CAUTION

The front clustering ties **MUST NOT** interfere with the deployment of the parachutes.



- ① Set three parachutes side by side on the load with the riser compartments down and with the bridles toward the rear of the platform.
- ② Set three parachutes on top of the parachutes in step 1 above with the riser compartments up.
- ③ Center two parachutes on top of the parachutes in step 2 above with the riser compartments up.
- ④ Tie the inside front and rear carrying handles together with lengths of 1/2-inch tubular nylon webbing. Tie the outside corners of the top parachutes together with lengths of 1/2-inch tubular nylon webbing.
- ⑤ Fit the bridles of the left stack and the left top parachutes on the arms of a large suspension clevis, and fit a 3-foot sling on the clevis bolt. Fit the bridles of the center stack of parachutes on the arms of a second large suspension clevis, and fit a 3-foot sling on the clevis bolt. Fit the bridles of the right stack and the right top parachutes on the arms of a third large suspension clevis, and fit a 3-foot sling on the clevis bolt. Fit the ends of the 3-foot slings on the arms of a fourth large suspension clevis.
- ⑥ Tie each clevis to a connector link attaching loop with a double length of type I, 1/4-inch cotton webbing.

Figure 3-30. Eight parachutes stowed

3-19. Restraining One Parachute

Note: Attach the cargo parachute risers to the cargo parachute release before installing the parachute release.

Restrain one cargo parachute as shown in Figure 3-31.

CAUTION

Be sure that each point to which a restraining tie is made can withstand a pull of 550 pounds.



- ① Tie each corner carrying handle to a convenient point on the drop item or platform with lengths of type III nylon cord.

Figure 3-31. One parachute restrained

3-20. Restraining Two to Eight Parachutes

The following parachute restraint systems are used to restrain two to eight cargo parachutes.

a. Two Parachutes. The restraint system for two cargo parachutes consists of one length of

type VIII nylon webbing (restraint strap) and one V- or guillotine-knife parachute release strap. Restrain two cargo parachutes as shown in Figures 3-32 through 3-39.



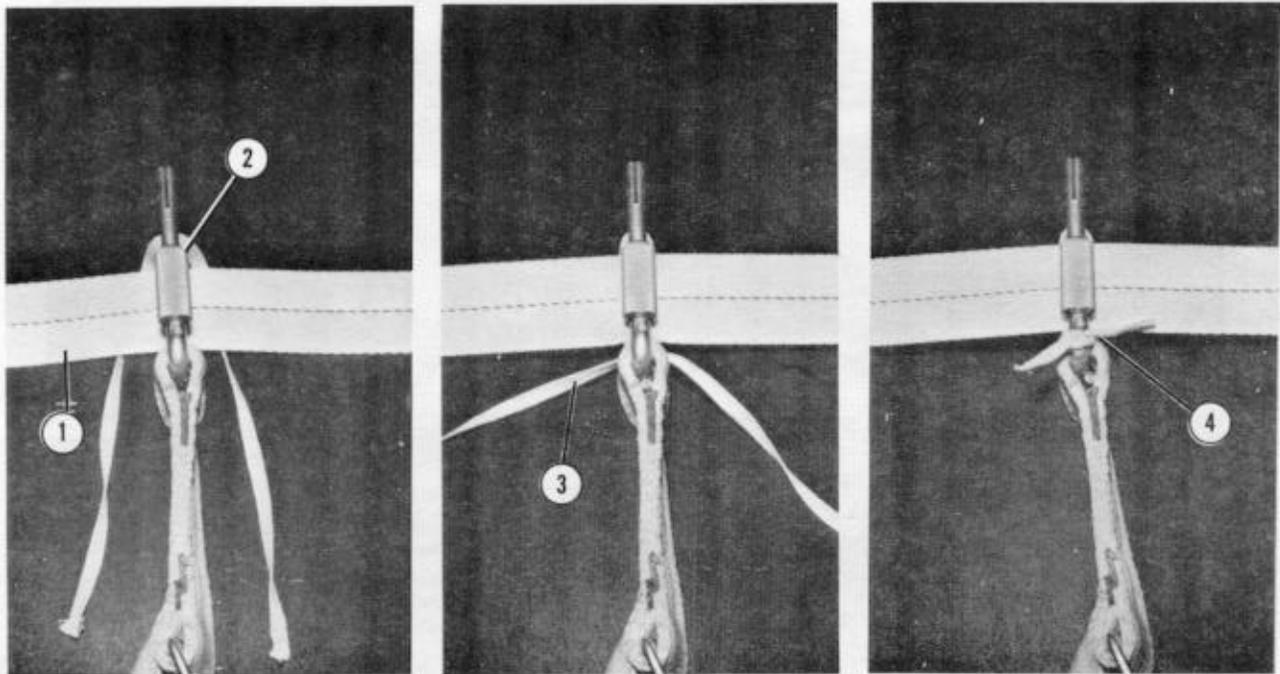
- ① Run the restraint strap through the center carrying handles on the left side of the parachutes, up to the top of the parachutes, and through the V-knife. Run the strap down through the center carrying handles on the right side of the parachutes. Tie the ends of the restraint strap to the load as described in Figure 3-38.
- ② Run one end of a 12-inch length of type I, 1/4-inch cotton webbing under the bar of the knife and between the bar and the strap. Continue to run the webbing under the restraint strap on top of the knife.
- ③ Tie the ends of the webbing together with a surgeon's knot and a locking knot.
Note: This safety tie holds the restraint strap to the bar of the knife and keeps the blade from cutting ahead of time.
- ④ Run the free end of the release strap down through the large suspension clevis grouping the bridles and back up through the friction adapter.
- ⑤ Pull the release strap taut. Fold the excess strap, and tape the folds in place.
Note: Be sure the release strap is taut so that the knife will cut the restraint strap before the extraction force is transferred to the parachute bridles.

Figure 3-32. V-knife parachute release strap installed on loads with two stacked parachutes



- ① Run the restraint strap through the outside center carrying handle of the left parachute, down through the inside center carrying handle of the left parachute, through the V-knife, up through the inside center carrying handle of the right parachute, across the parachute, and down through the outside center carrying handle of the right parachute. Tie the restraint strap to the load as described in Figure 3-38.
- ② Run one end of a 12-inch length of type I, 1/4-inch cotton webbing under the bar of the knife and between the bar and the strap. Continue to run the webbing under the restraint strap on top of the knife.
- ③ Tie the ends of the webbing together with a surgeon's knot and a locking knot.
Note: This safety tie holds the restraint strap to the bar of the knife and keeps the blade from cutting ahead of time.
- ④ Run the free end of the release strap down through the large suspension clevis grouping the bridles and back up through the friction adapter.
- ⑤ Pull the release strap taut. Fold the excess strap, and tape the folds in place.
Note: Be sure the release strap is taut so that the knife will cut the restraint strap before the extraction force is transferred to the parachute bridles.

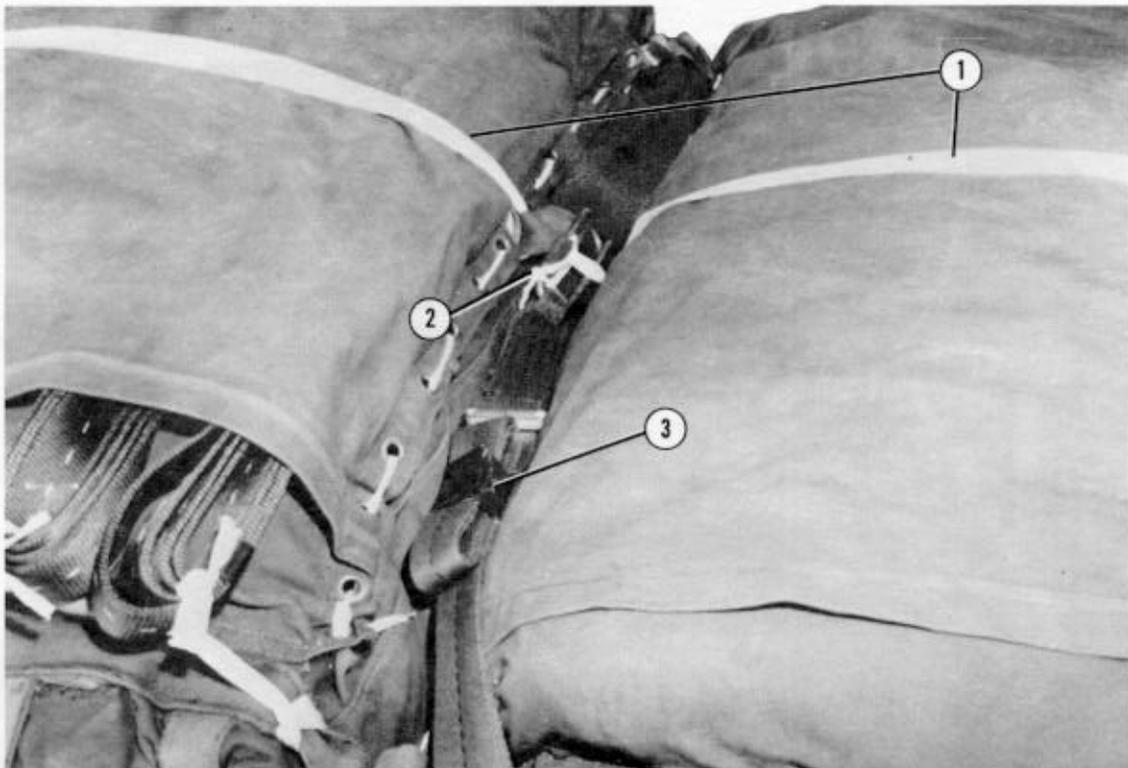
Figure 3-33. V-knife parachute release strap installed on loads with two side-by-side parachutes



- ① Run the restraint strap through the center carrying handles on the left side of the parachutes, up and across the top of the parachutes, and down through the center carrying handles on the right side of the parachutes. Tie the restraint strap to the load as described in Figure 3-38.
- ② Close the knife around the restraint strap, and thread a length of type I, 1/4-inch cotton webbing through the safety tie hole. Even the ends of the webbing, and run them down, under the restraint strap, and alongside the release knife.
- ③ Thread the end of the webbing on the left side of the knife rightward behind the bar of the knife. Thread the other end of webbing leftward in a like manner.
- ④ Bring the ends of the webbing up over the top of the bar. Tie the ends of the webbing together with a surgeon's knot and a locking knot.
- ⑤ Run the free end of the release strap down through the large suspension clevis grouping the bridles and back up through the friction adapter (not shown).
- ⑥ Pull the release strap taut. Fold the excess strap, and tape the folds in place (not shown).

Note: Be sure the release strap is taut so that the knife will cut the restraint strap before the extraction force is transferred to the parachute bridles.

Figure 3-34. Guillotine-knife parachute release strap installed on two stacked parachutes

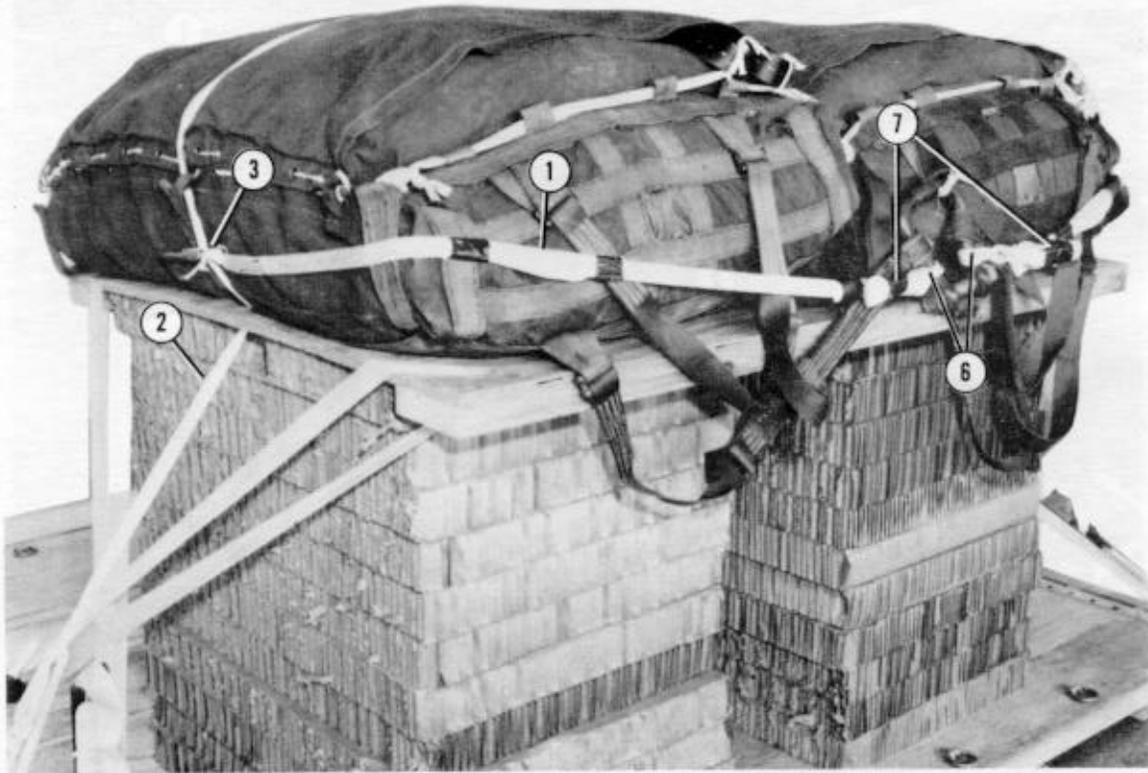


- ① Run the restraint strap up through the outside center carrying handle of the left parachute, across the left parachute, down through the inside center carrying handle of the left parachute, up through the inside center carrying handle of the right parachute, across the right parachute, and down through the outside center carrying handle of the right parachute. Tie the restraint strap to the load as described in Figure 3-38.
- ② Close the knife around the restraint strap, between the inside carrying handles, and thread a length of type I, 1/4-inch cotton webbing through the safety tie hole. Even the ends of the webbing, and run them down, under the restraint strap, and alongside the release knife. Thread the end of the webbing on the left side of the knife rightward between the bar and the handle of the knife. Thread the other end of webbing leftward in a like manner. Bring the ends of the webbing up over the top of the bar. Tie the ends of the webbing together with a surgeon's knot and a locking knot as shown in Figure 3-34. Run the free end of the release strap down through the large suspension clevis grouping the bridles and back up through the friction adapter as described in Figure 3-34.
- ③ Pull the release strap taut. Fold the excess strap, and tape the folds in place as described in Figure 3-34.

Note: Be sure the release strap is taut so that the knife will cut the restraint strap before the extraction force is transferred to the parachute bridles.

Figure 3-35. Guillotine-knife parachute release strap installed on two side-by-side parachutes

Note: Always use multicut parachute release straps in pairs.



- ① Remove two guillotine knives from each of two multicut parachute release straps. Fold the unused legs, and tape the folds in place.
- ② Tie the restraint strap to the load as described in Figure 3-38.
Note: Place the knives around the restraint strap near the bottom of the parachutes.
- ③ Close each knife around the restraint strap, and thread a length of type I, 1/4-inch cotton webbing through the safety tie hole. Even the ends of the webbing, and run them down, under the restraint strap, and alongside the release knife as shown in Figure 3-34.
- ④ Thread the end of the webbing on the left side of the knife rightward between the bar and the handle of the knife (not shown). Thread the other end of webbing leftward in a like manner as shown in Figure 3-34.
- ⑤ Bring the ends of the webbing up over the top of the bar (not shown). Tie the ends of the webbing together with a surgeon's knot and a locking knot as shown in Figure 3-34.
- ⑥ Tie the free end of each release strap to the large suspension clevis grouping the bridles. Use three alternating half hitches and an overhand knot in each running end.
- ⑦ Fold any excess strap, and tape the folds in place.

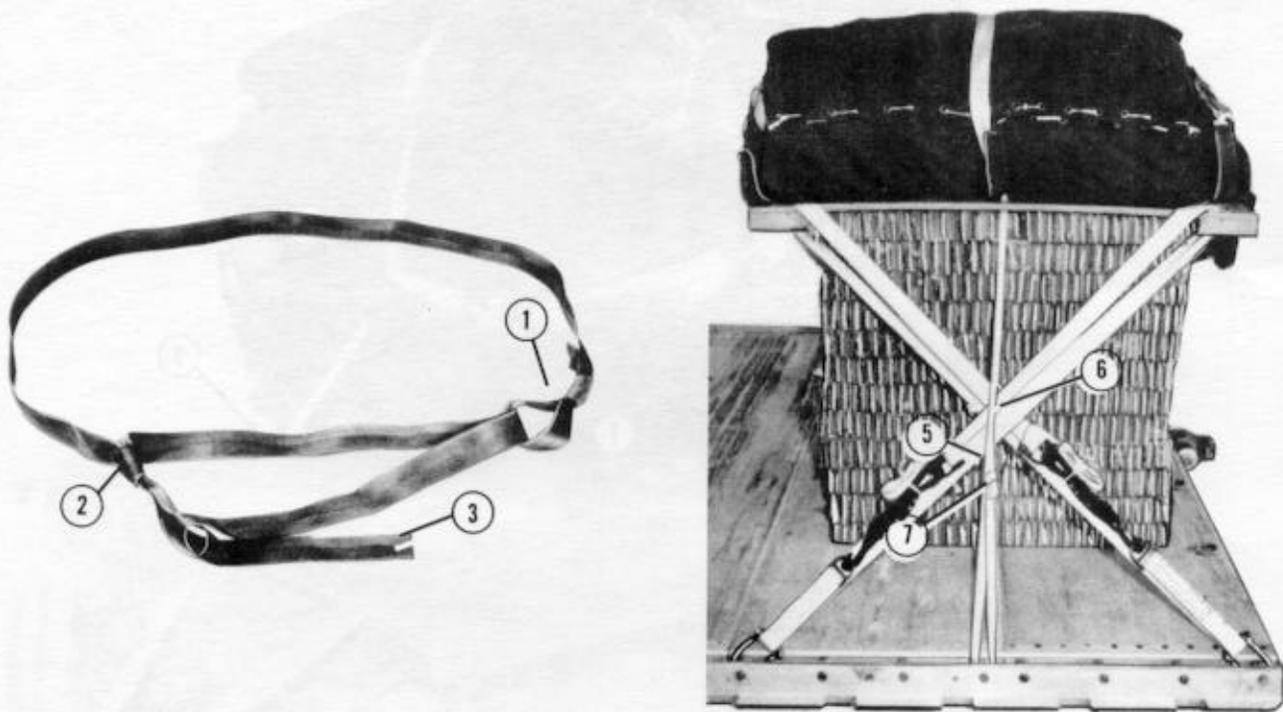
Figure 3-36. Multicut parachute release straps installed on two side-by-side parachutes



- ① Remove two guillotine knives from each of the two multicut parachute release straps. Fold the unused legs, and tape the folds in place.
- ② Tie the restraint strap to the load as described in Figure 3-38.
Note: Place the knives around the restraint strap between the stacked parachutes.
- ③ Close each knife around the restraint strap, and thread a length of type I, 1/4-inch cotton webbing through the safety tie hole. Even the ends of the webbing, and run them down, under the restraint strap, and alongside the release knife. Thread the end of the webbing on the left side of the knife rightward between the bar and the handle of the knife. Thread the other end of webbing leftward in a like manner. Bring the ends of the webbing up over the top of the bar. Tie the ends of the webbing together with a surgeon's knot and a locking knot.
- ④ Tie the free end of each release strap to the large suspension clevis grouping the bridles. Use three alternating half hitches and an overhand knot in each running end when making the tie.
- ⑤ Fold any excess strap, and tape the folds in place.

Figure 3-37. Multicut parachute release straps installed on two stacked parachutes

Note: The length of the restraint strap to be used will be given in the specific rigging manual.



When the ends are tied together—

- ① Tie a loop in one end of the restraint strap.
- ② Tie a second loop at a suitable distance from the other end of the restraint strap.
- ③ Run the free end of the restraint strap through the first loop and then back through the second loop.
- ④ Pull on the free end until the strap is taut, and tie the free end of the strap with three alternating half hitches and with an overhand knot in the running end (not shown).

When the ends are tied to the load—

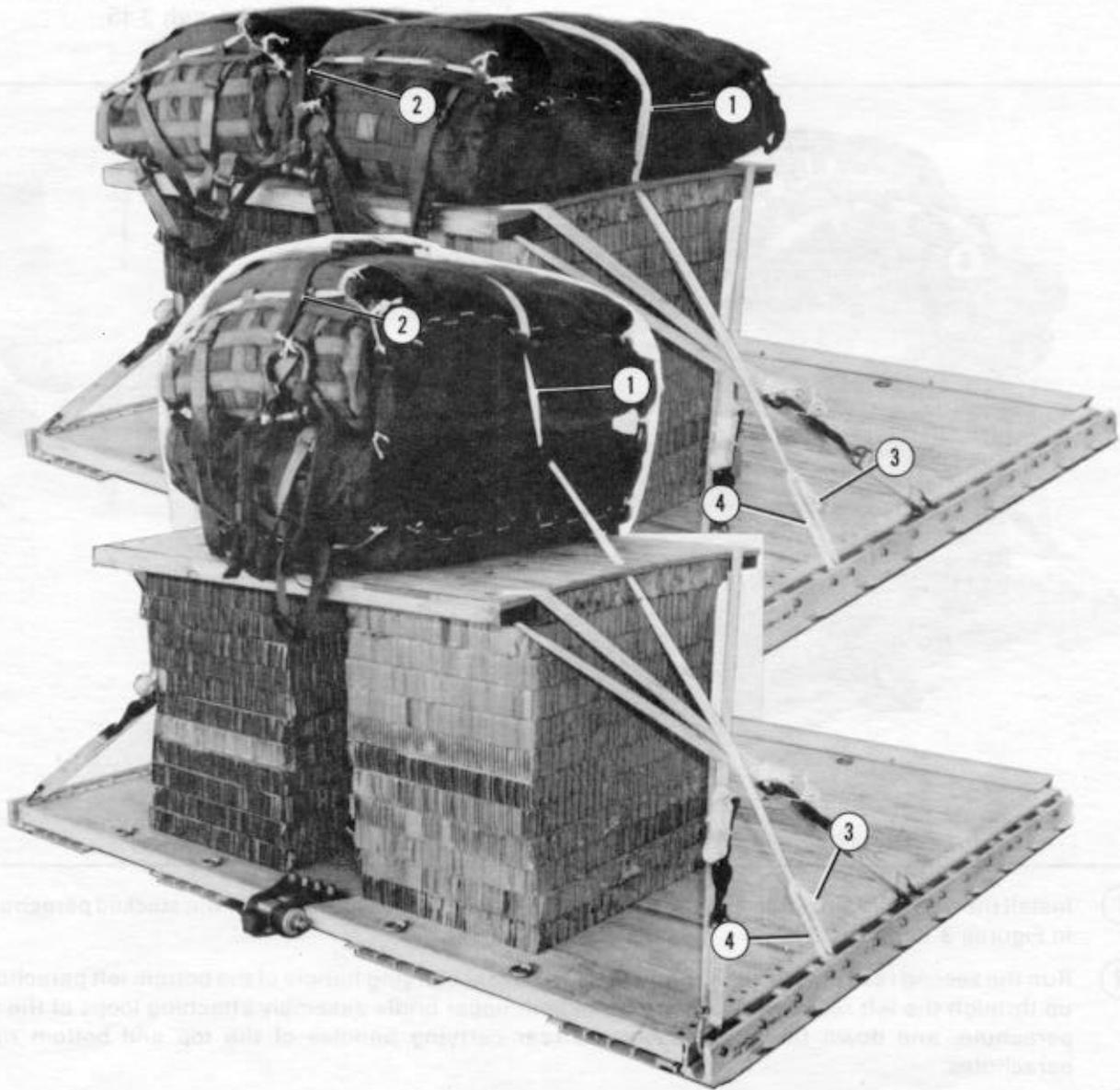
- ⑤ Tie a loop in each end of the restraint strap as in steps 1 and 2 above.
- ⑥ Run the free end of the strap through or around the indicated point on the load and back up through the loop.

Note: The indicated point for tying the parachute restraint strap to the load will be given in the specific rigging manual.

- ⑦ Pull on both ends of the restraint strap at the same time. When the strap is taut, tie the ends with three alternating half hitches and an overhand knot in the running end.

Figure 3-38. Restraint strap tied

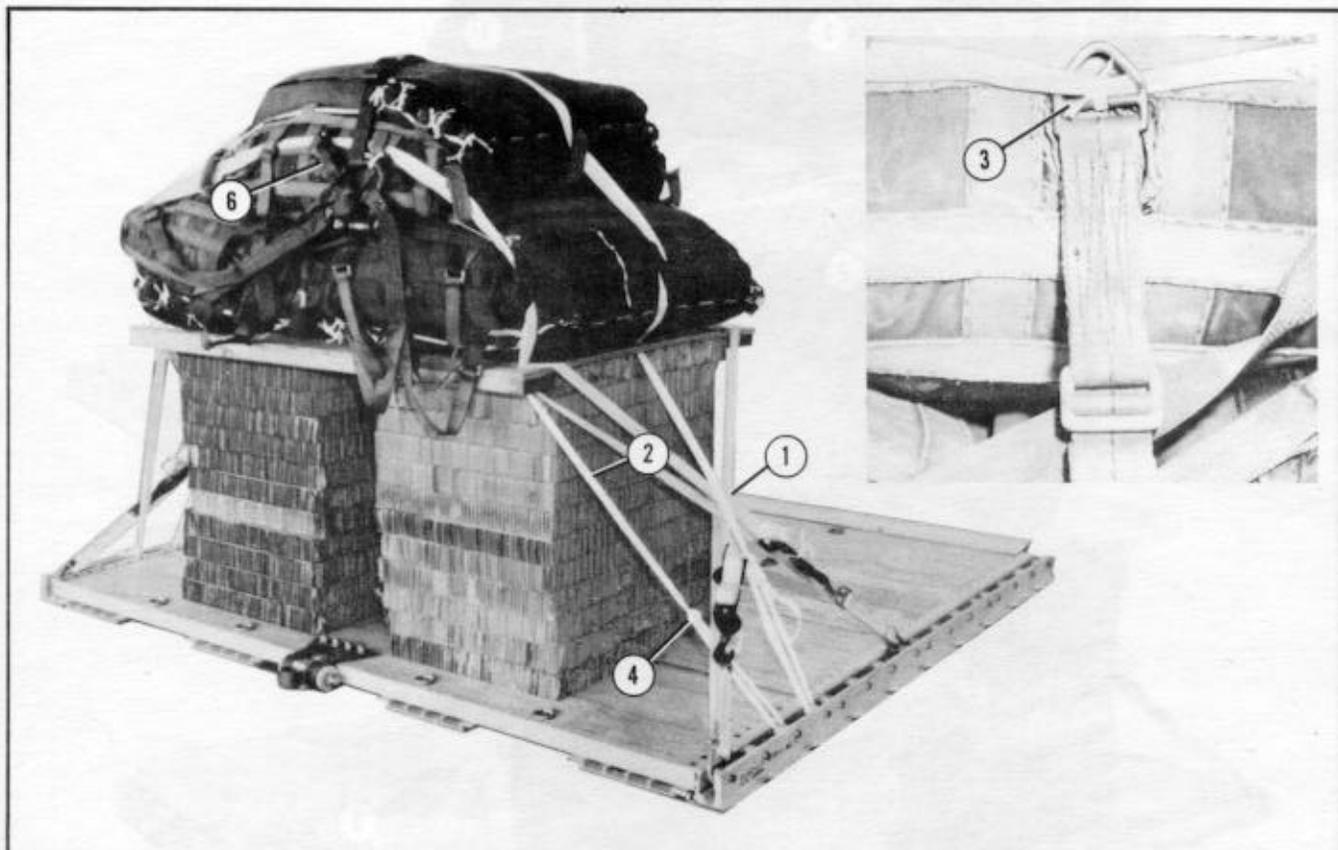
Note: When a stowage platform is used, the restraint strap runs through the platform.



- ① Restraint strap
- ② Release strap
- ③ Loop
- ④ Half hitches

Figure 3-39. Two parachutes restrained

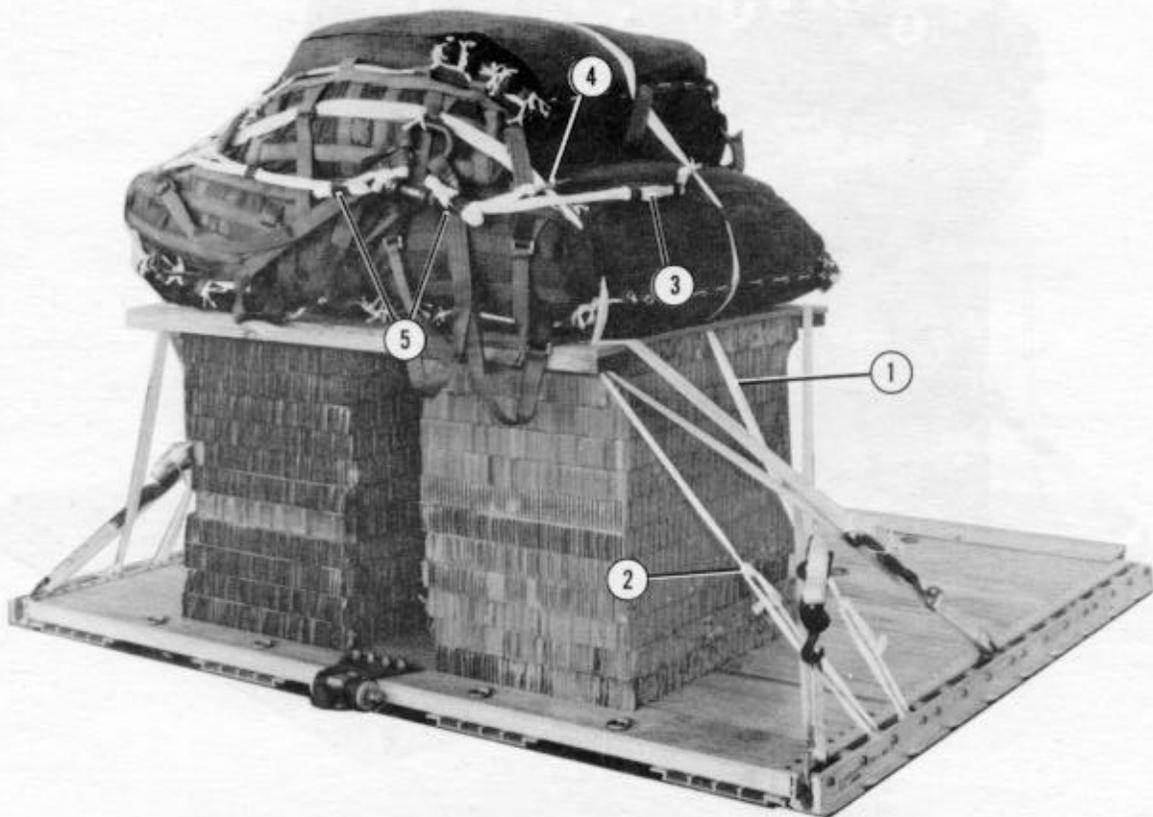
b. Three to Five Parachutes. The restraint system for three to five cargo parachutes consists of two type VIII restraint straps and two multicut or two V- or guillotine-knife parachute release straps. Restrain three to five cargo parachutes as shown in Figures 3-40 through 3-45.



- ① Install the first restraint strap and the parachute release strap the same as for the stacked parachutes in Figures 3-32 and 3-34.
- ② Run the second restraint strap through the outside rear carrying handle of the bottom left parachute, up through the left rear carrying handle and both upper bridle assembly attaching loops of the top parachute, and down through the outside rear carrying handles of the top and bottom right parachutes.
- ③ If a V-knife release strap is used, pass the restraint strap through the knife before passing the strap through the second attaching loop. Safety the knife as in steps 2 and 3, Figure 3-32.
- ④ Tie the second restraint strap to the load the same as for the first strap as shown in Figures 3-38 and 3-39.
- ⑤ If a guillotine-knife release strap is used, close and safety the knife as in steps 2 through 6, Figure 3-34.
- ⑥ Run the second parachute release strap through the large suspension clevis as in steps 4 and 5, Figure 3-32.

Figure 3-40. Three parachutes restrained using V- or guillotine-knife release straps

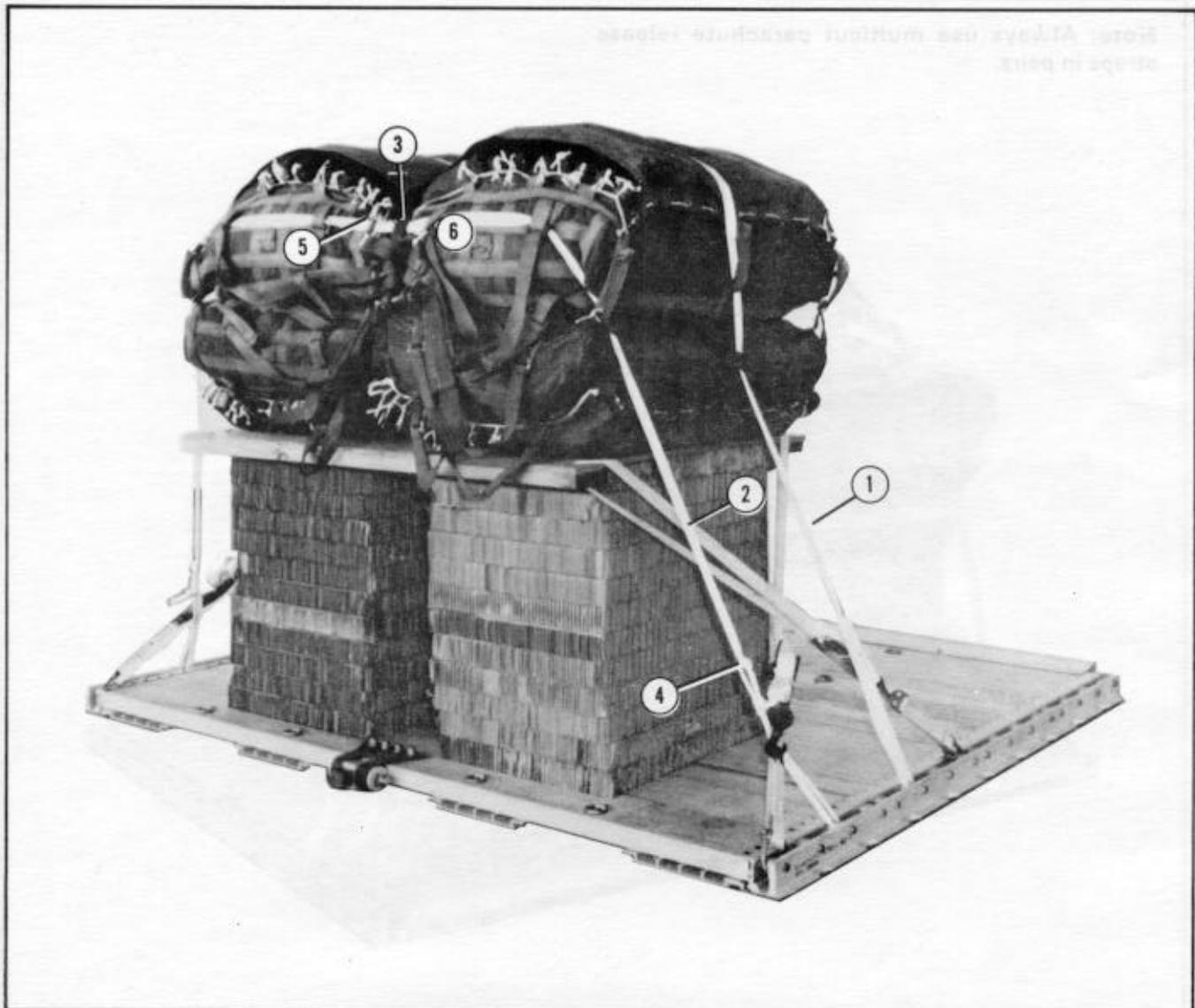
Note: Always use multicut parachute release straps in pairs.



- ① Install the first restraint strap the same as for the stacked parachutes in step 1, Figure 3-34.
- ② Install the second restraint strap the same as for step 2, Figure 3-40.
- ③ Remove one guillotine knife from each of two multicut parachute release straps. Fold the unused legs, and tape the folds in place.
- ④ Close and safety the guillotine knives as in steps 2, 3, and 4, Figure 3-34.
- ⑤ Tie the release straps to the large clevis as in steps 6 and 7, Figure 3-37.

Note: Place the knives around the restraint straps between the carrying handles of the top and bottom parachutes.

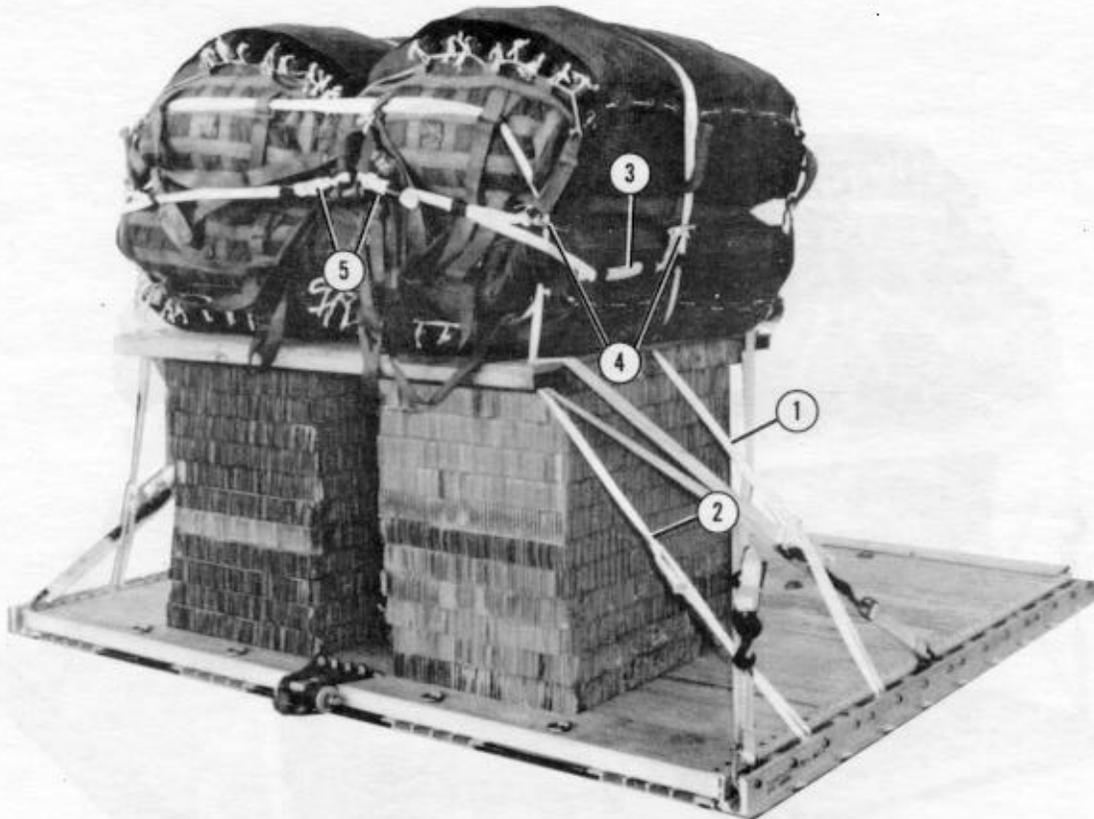
Figure 3-41. Three parachutes restrained using multicut release straps



- ① Install the first restraint strap and a parachute release strap the same as for the side-by-side parachutes in Figures 3-33 and 3-35.
- ② Run the second restraint strap through the outside rear carrying handles of the left parachutes, through the upper bridle assembly attaching loops of the top parachutes, and down through the outside rear carrying handles of the right parachutes.
- ③ If a V-knife release strap is used, pass the restraint strap through the knife before passing the strap through the attaching loops of the right parachute. Safety the knife as in steps 2 and 3, Figure 3-32 (not shown).
- ④ Tie the second restraint strap to the load the same as for the first strap as shown in Figures 3-38 and 3-39.
- ⑤ If a guillotine-knife release strap is used, close and safety the knife as in steps 2, 3, and 4, Figure 3-34.
- ⑥ Run the second parachute release strap through the large suspension clevis as in steps 4 and 5, Figure 3-32.

Figure 3-42. Four parachutes restrained using V- or guillotine-knife release straps

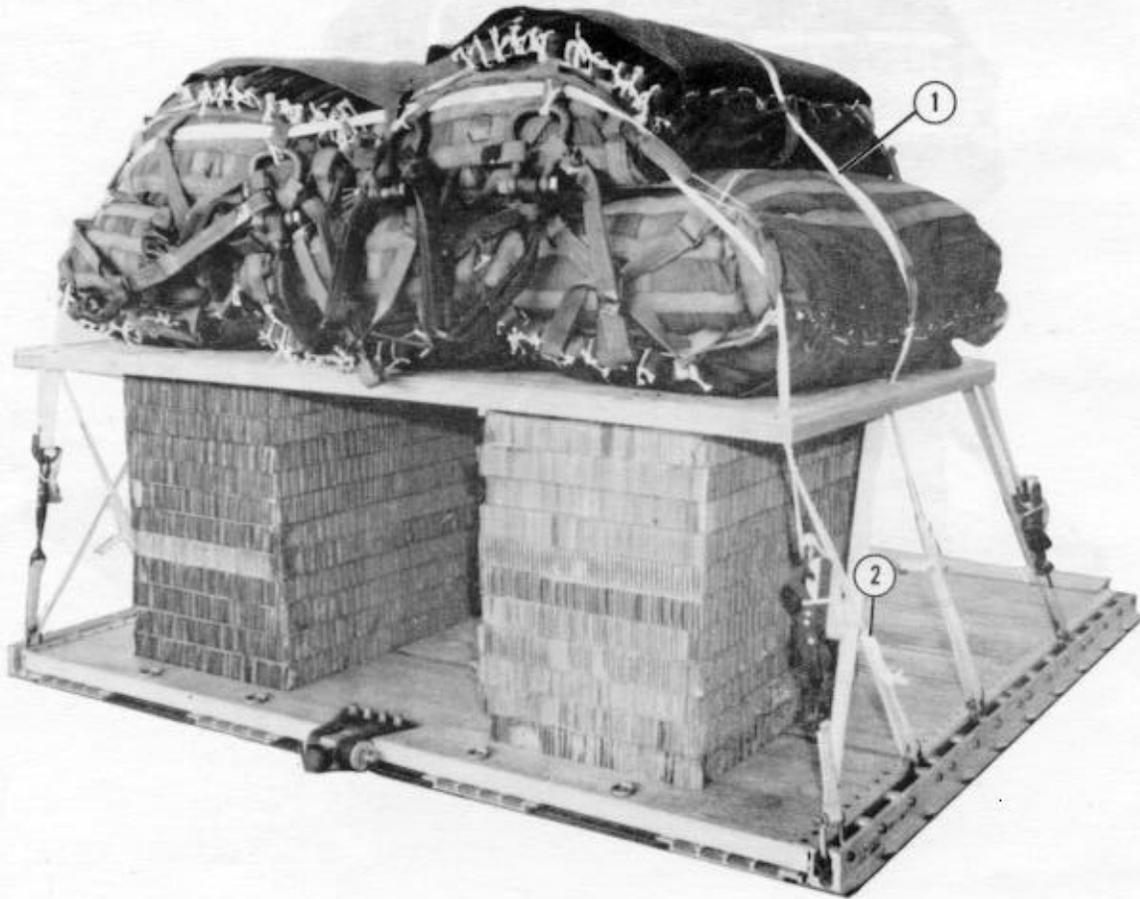
Note: Always use multicut parachute release straps in pairs.



- ① Install the first restraint strap the same as for the stacked parachutes in Figure 3-37.
- ② Install the second restraint strap as in Figure 3-42.
- ③ Remove one guillotine knife from each of two multicut parachute release straps. Fold the unused legs, and tape the folds in place.
- ④ Close and safety the guillotine knives as in steps 2, 3, and 4, Figure 3-34.
- ⑤ Tie the release straps to the large clevis as in steps 6 and 7, Figure 3-37.

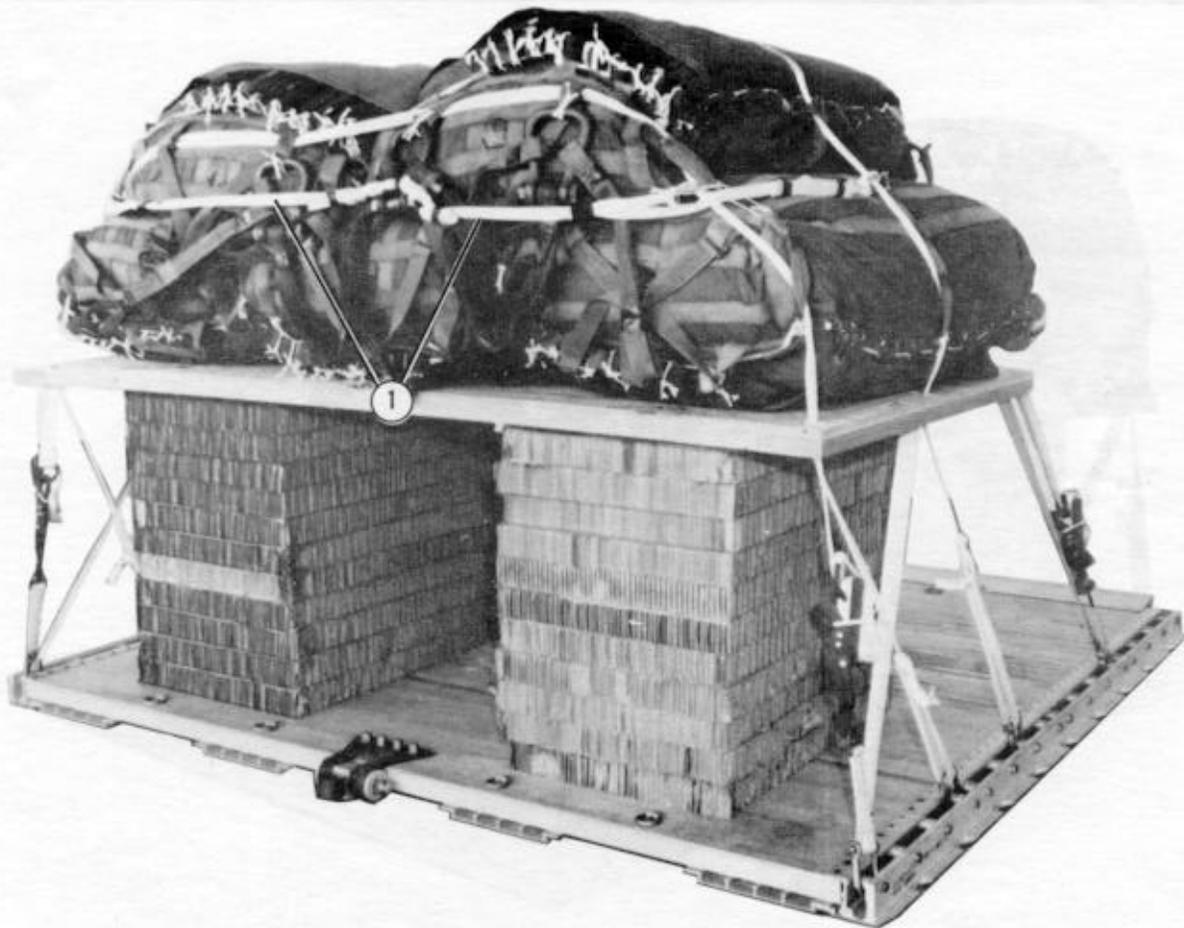
Note: Place the knives around the restraint straps between the carrying handles of the top and bottom parachutes.

Figure 3-43. Four parachutes restrained using multicut parachute release straps



- ① Install the first restraint strap and a parachute release strap as shown in Figures 3-33 and 3-35.
- ② Install the second restraint strap and a parachute release strap as shown in Figure 3-40.

Figure 3-44. Five parachutes restrained



- ① Install the first and second restraint straps and two multicut parachute release straps as shown in Figure 3-41.

Note: Place the knives around the restraint straps between the carrying handles of the top and outside bottom parachutes.

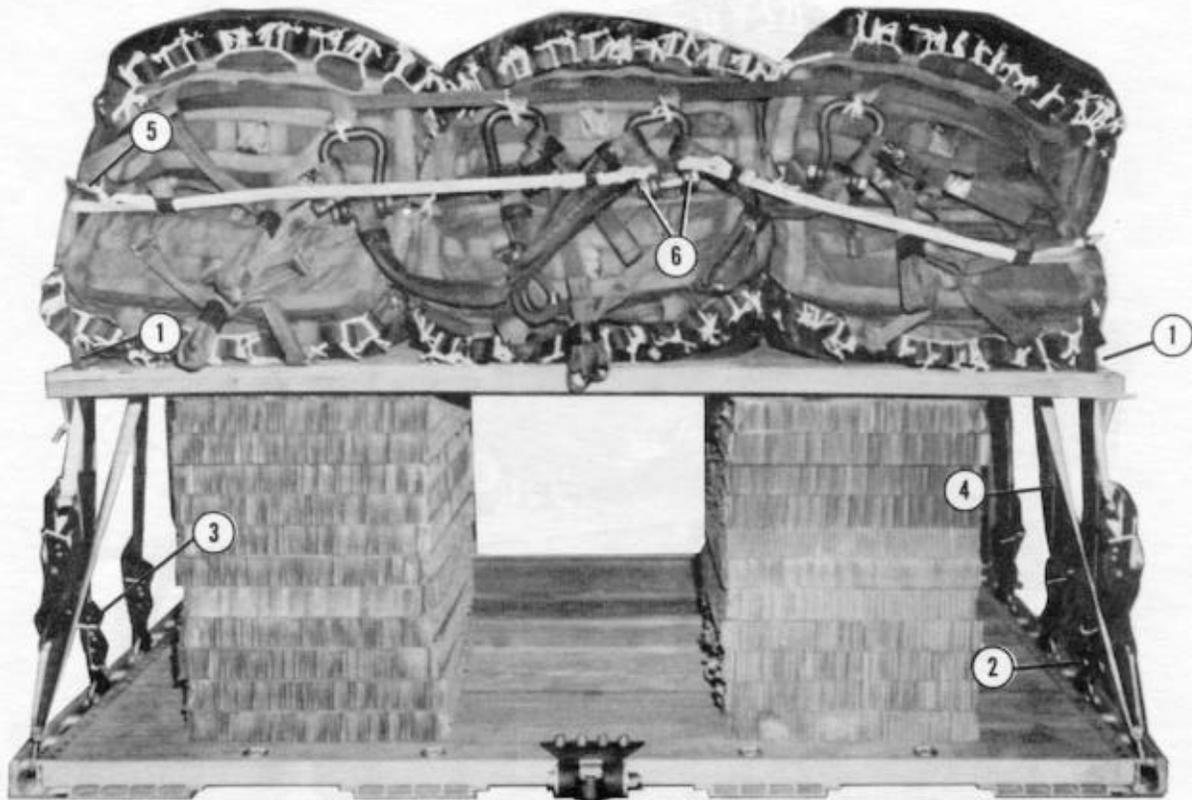
Figure 3-45. Five parachutes restrained using multicut parachute release straps

c. Six, Seven, or Eight Parachutes. The restraint system for six, seven, or eight cargo parachutes consists of three type X restraint straps, two multicut parachute release straps, six D-rings, and six load binders. Restrain six, seven, or eight cargo parachutes as shown in Figures 3-46 through 3-49.



- ① Run the first restraint strap up through the outside center carrying handles of the bottom left and top parachutes, across the top parachutes, and down through the outside center carrying handles of the top and bottom right parachutes.
- ② Run the second restraint strap up through the outside rear carrying handles of the bottom left parachute, up through the left rear carrying handle and both upper bridle assembly attaching loops of the top parachutes, and down through the outside rear carrying handles of the top and bottom right parachutes.
- ③ Run the third restraint strap through the outside front carrying handles of the left bottom and top parachutes, across the top parachutes, through the top inside carrying handles, and down through the outside front carrying handles of the right top and bottom parachutes.

Figure 3-46. Six parachutes restrained

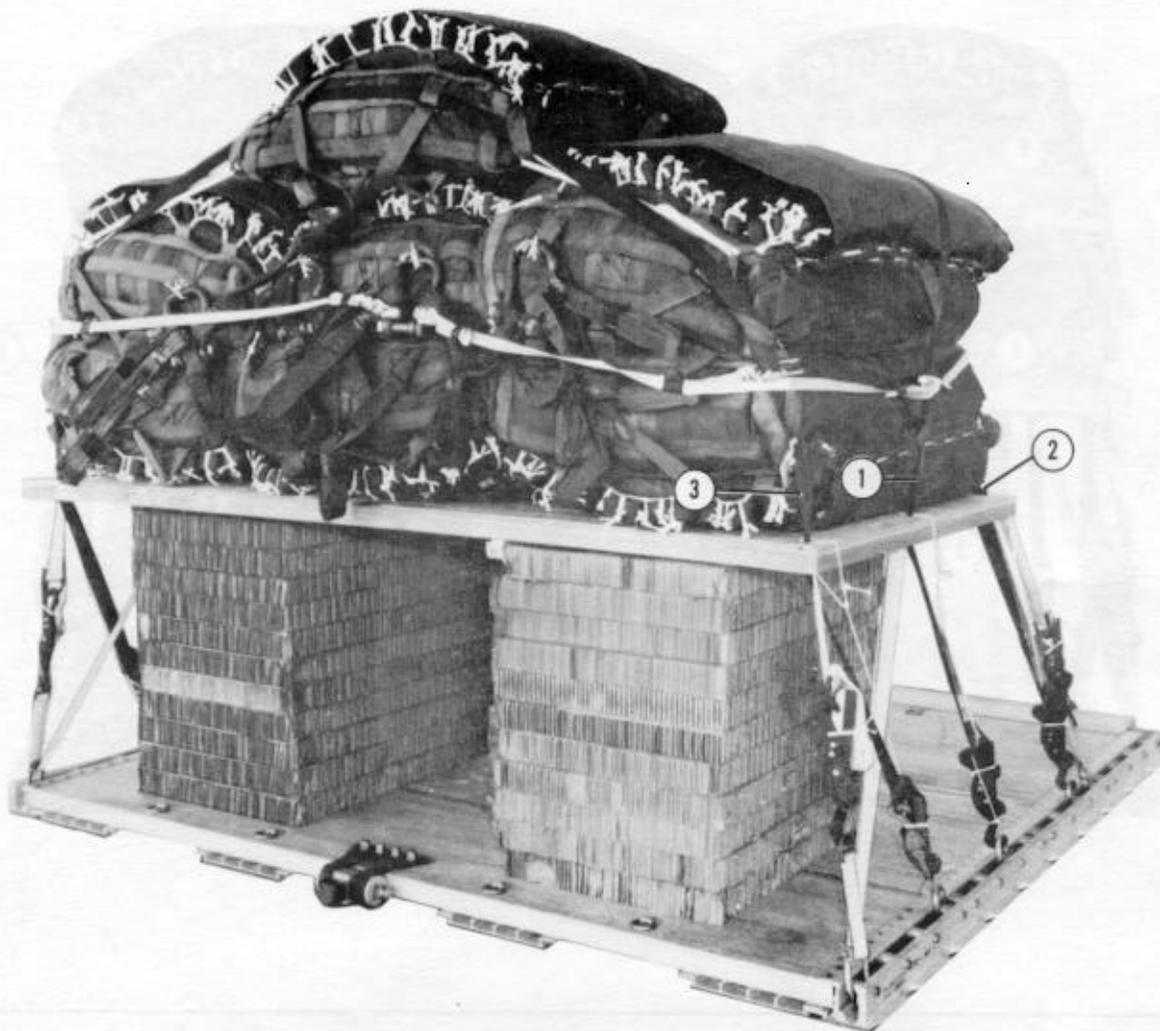


- ① Run the six ends of the three restraint straps down through the holes in the parachute stowage platform.
- ② Fit a D-ring to each end of the three restraint straps. Hook the D-ring to each end of the three restraint straps. Hook the D-ring to the clevis (indicated in the specific rigging manual) with a load binder.
- ③ Fold all excess strap, and tie the folds to the load binders with type I, 1/4-inch cotton webbing.
- ④ Tie the load binders to the stowage platform with lengths of type III nylon cord.
- ⑤ Close and safety the guillotine knives of two multicut parachute release straps as in steps 2, 3, and 4, Figure 3-34.
- ⑥ Tie the release straps to the large clevis as shown in steps 6 and 7, Figure 3-37.

Note: Place the knives around the restraint straps between the carrying handles of the bottom parachutes.

Figure 3-47. Six parachutes restrained using multicut parachute release straps

Note: Use type X nylon webbing for the restraint straps.



- ① Run the first restraint strap up through the outside center carrying handles of the left bottom and top parachutes, across the top parachutes, and down through the outside center carrying handles of the top and bottom right parachutes.
- ② Run the second restraint strap up through the outside rear carrying handles of the bottom left parachute, up through the left rear carrying handle and both upper bridle assembly attaching loops of the top parachute, and down through the outside rear carrying handles of the top and bottom right parachutes.
- ③ Run the third restraint strap up through the outside front carrying handles of the left bottom and top parachutes, across the top parachutes, through the top inside carrying handles, and down through the outside front carrying handles of the top and bottom right parachutes.

Figure 3-48. Seven parachutes restrained

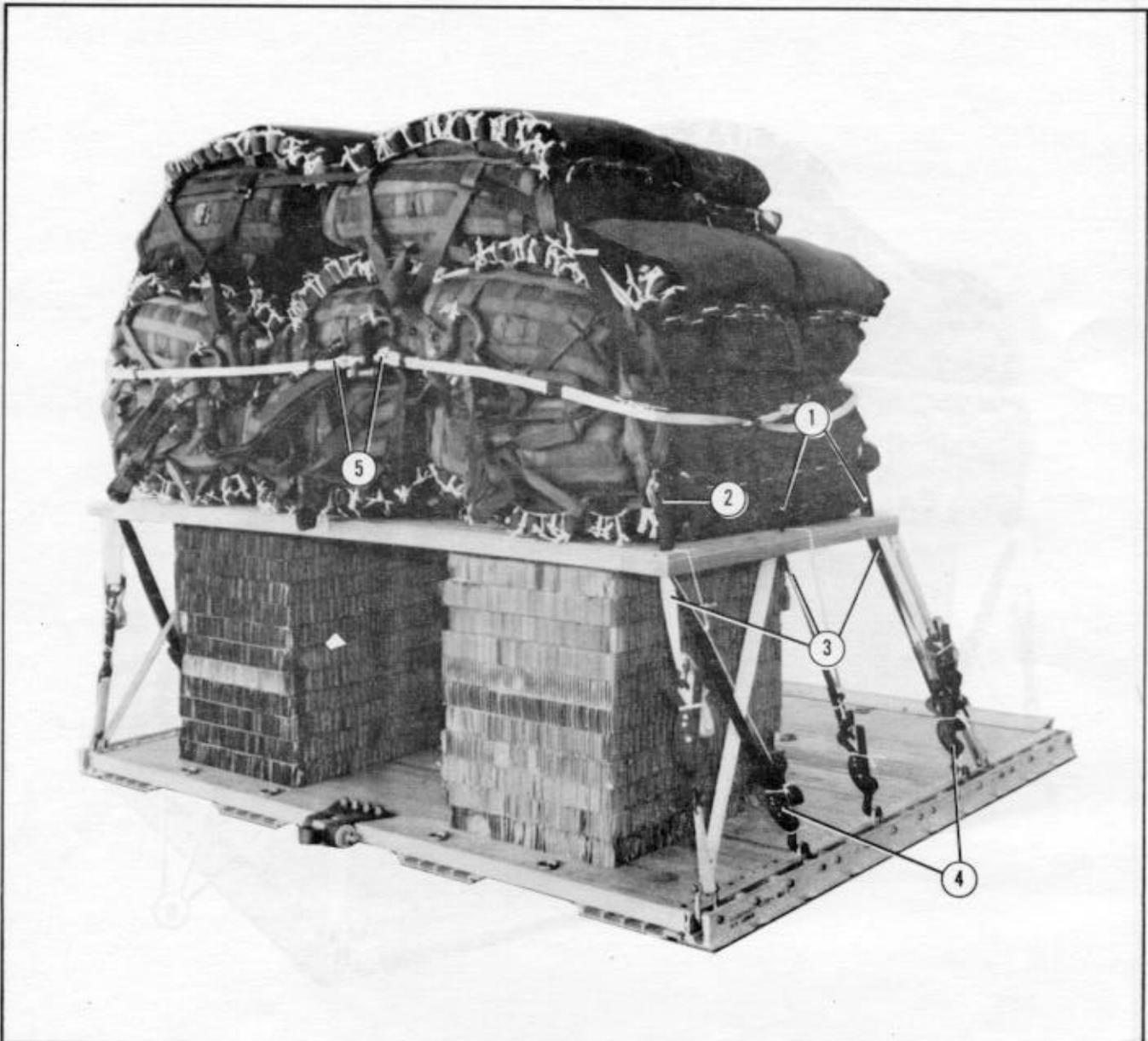


- ④ Run the six ends of the three restraint straps down through the holes in the parachute stowage platform.
- ⑤ Secure the ends of the restraint straps as in steps 1 through 4, Figure 3-47.
- ⑥ Close and safety the knives and tie the release straps as in steps 5 and 6, Figure 3-47.

Notes:

- 1. Place the knives around the restraint straps between the carrying handles of the bottom parachutes.
- 2. Tie the load binders to a convenient point on the parachute when there is no stowage platform.

Figure 3-48. Seven parachutes restrained (continued)



- ① Run the first and third restraint straps as in steps 1 and 3, Figure 3-48.
- ② Run the second restraint strap up through the outside rear carrying handles of the left bottom and top parachutes, through the upper bridle assembly attaching loops of the top parachutes, and down through the outside rear carrying handles of the right top and bottom parachutes.
- ③ Run the six ends of the three restraint straps down through the holes in the parachute stowage platform.
- ④ Secure the ends of the restraint straps as in steps 1 through 4, Figure 3-47.
- ⑤ Close and safety the knives, and tie the release strap as in steps 5 and 6, Figure 3-47.

Note: Place the knives around the restraint straps between the carrying handles of the outside bottom parachutes.

Figure 3-49. Eight parachutes restrained