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SLIMLINE 26' LOPO

PILOT EMERGENCY PARACHUTE SYSTEM

Packing Instructions v1.0, 1/03

Introduction:

This container was designed for installation of several different manufacturers 26' lopo parachutes that utilize a Type 4 (choker style) full stow diaper. Emergency parachute assembly and packing must be done by a certified CSPA or FAA parachute Rigger, complying with these instructions and standard rigging practices. The parachute system must not be worn in flight unless it has been repacked within the last 180 days. Do not leave this parachute in direct sunlight, or near any heat source. Protect from BATTERY ACID or FUMES.

Tools Required:

Shot bags, packing paddle, line separators, 2 flagged temporary pins, 2 temporary pull up cords.

Assembly:

1. Stretch out the canopy on the packing table. Attach the connector links to the four reserve risers, double check the line continuity and tighten the links. The standard links are #5 Maillon Rapide links, which are turned finger tight and then another 1/4 turn.
2. If the canopy utilizes a 4line release system, set up/tighten according to the canopy manufacturers instructions. If the canopy utilizes steering toggles, tack the inside of each one to its rear riser with one doubled turn of safety tie thread so that the outside of the loop remains open for easy grasp.
3. Loop the bridle around the apex lines using the small loop end, and then loop the pilot chute onto the larger end of the bridle. The bridle loop must be tacked near the apex lines with at least two stitches (doubled) or four stitches (single), of Supertack or waxed 5 or 6 cord. The bridle must slide freely on the apex lines.
4. Inspect the harness and container assembly completely, then work up the lines to the canopy, bridle and finally finish the inspection with the pilot chute. The steering modifications are at the back of the canopy, and must be facing UP on the packing table.

5. Attach 2 pull up cords onto the closing loop ends and lay into the pilot chute compartment.
6. Use elastics which will properly retain line stows, in the container and on the diaper.

Folding the canopy:

1. Flake the reserve canopy, fold the lower lateral band (LLB) back at 45 degrees, parallel with the radial seam. Long fold both sides to center, then fold in thirds (total of fifths).
2. Fold the lines back over the canopy and close the diaper around the lower portion of the canopy and folded lines. Push the locking elastics through the grommets and lock the diaper with three 1.5" locking stows.
3. Stow the rest of the suspension lines up and down the diaper in the elastics attached to the diaper. Leave about 12" unstowed.

Packing the canopy into the container:

1. Lay the risers into the pack tray and retain via a small line bight, near the links, into the elastics installed on the keepers (one each side).
2. Lay the diaper along the bottom of the container, LLB to the right side. Some extra fabric may be pushed into the first fold (left side) to provide any bulk necessary to fill both bottom corners completely.
3. From the left end of the diaper the canopy folds back on itself, directly above and parallel with diaper, then back and forth again so there are now 2 folds across the bottom of the container, above the diaper and below the lower locking loop.
4. Keeping the canopy material away from the center of the container, lay the canopy up the right side of the container to the top, fold back on itself down to the third canopy cross fold, and then back up to the top. These folds start at the outer right side of the container and work towards the center. Fold the pilot chute internal separating flap over the folds on the right side of the compartment.
5. From the top right side, rotate the canopy to lay along the top of the container and then rotate again to lay down the left side of the container. Make 2 or 3 folds up and down the left side, working from the outside of the container towards the center. Finish with the apex near the top or bottom locking loop and fold the left pilot chute internal separating flap over the canopy on the left side. The bridle exits between the locking loops and between the internal separating flaps. The fabric volume on the left and right sides of the container should be the same, so the fold lengths may have to be adjusted accordingly to even up the bulk in the container.

Closing the container:

1. Pull the top and bottom canopy protector flaps up tight so the closing loop does not touch the canopy. Thread the top pull up cord through the top internal closing flap, and lock with a temporary pin. Thread the bottom pull up cord through the bottom flap grommet and pin. Double check that the top and bottom canopy protector flaps are pulled up tight so the closing loop does not touch the canopy.
2. "S" fold the bridle back and forth across the 2 internal separating flaps, then set the pilot chute on top of these flaps with the bottom pilot chute grommets lined up with the locking loop ends. Thread each pull up cord through its respective lower pilot chute grommet and compress the pilot chute spring while keeping its fabric between the spring coils. Thread each pull up cord through its respective upper pilot chute grommet and move temporary pins up to lock pilot chute in place.
3. Pull the right and left side flaps over top the pilot chute, so as to move the canopy fabric closer to the center of the container. The internal separating flaps should now be touching each other at the center of the container, then fold outwards, covering over the canopy fabric on each side of the container. Pull back the side flaps and adjust each internal separating flap to be smooth and neat.
4. Thread both pull up cords through the right side flap, compress and repin. Do the same with the left side flap. At this point the container should have equal bulk from side to side, with no wrinkles or empty spots. The upper portion of the container can be a little softer than the bottom. Mate the side flap velcro onto the top internal flap velcro, and then push the top internal flap tuck tabs down, between the canopy and the risers.
5. Thread the pull up cords through their respective grommets in the top external flap, compress and repin. Insert the ripcord cable and pins into the housing, starting from the chest strap end, and replace the temporary pins with the ripcord pins. **REMOVE THE PULL UP CORDS!**
5. Check that the pull force on the ripcord handle to start both ripcord pins moving does not exceed 22 lbs. Insert the ripcord handle into its pocket, seal the last ripcord pin, fill in and sign the packing card. Fold the nylon plate wear protector flap over the ripcord pins.
6. Close the top flap on the top plate by mating the velcro at the bottom of the flap. Wrap the velcro side tabs around the edge of the top plate to mate with the velcro underneath.
7. **COUNT YOUR TOOLS!**

Please feel free to contact the manufacturer for questions or suggestions on the product or these assembly and packing instructions.