

**PD Series
Ram-Air Reserve Parachute
Owner's Manual Addendum**

PRO Packing Instructions

This document is a supplement to the PD Series Ram-Air Reserve Parachute Owner's Manual, Third Edition. It contains instructions for packing PD Series Ram-Air Reserve Parachutes using the PRO packing method. You will need to refer to the PD Reserve Owner's Manual in order to follow the instructions in this addendum correctly.

If the rig manufacturer specifies a packing method other than the ones shown, and the rig manufacturer authorizes its use for this specific parachute, you may decide which instructions to follow. Otherwise you must follow PD's instructions. These reserves have been tested and found to work well using both the PRO Pack method shown here, and the Flat Pack method shown in section XVII of the PD Reserve Owner's Manual. It is recommended that you follow the instructions for the packing method with which you are most familiar.

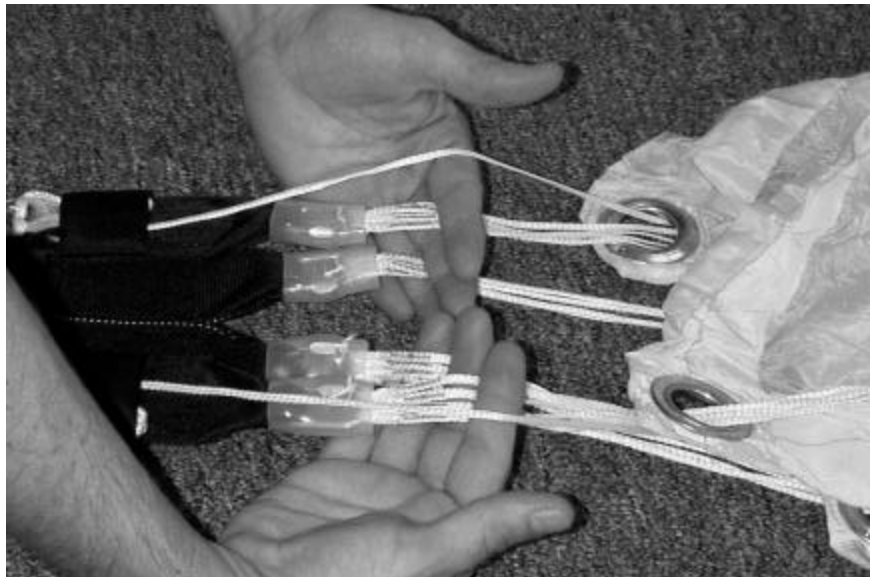
PRO PACK

Inspect the canopy thoroughly before starting to pack it, following the inspection instructions described in section XIV of the PD Reserve Owner's Manual. Check the line continuity, and ensure the canopy has been assembled on the rig correctly.

1) Flake the canopy out on its side until all seven T seams (where the non-loaded ribs meet the top skins) are straight from leading edge to trailing edge as shown. Set the deployment brakes according to the rig manufacturer's instructions.



2) Crouch next to the risers and face the canopy. Be sure there are no twists in the risers. Slip the fingers of your left hand between each left hand riser and between the left hand steering line and the risers. Do the same with your right hand. Slide your fingers up onto the lines as shown, grasping the lines below the slider.



3) Start moving up the lines, allowing them to slide between your fingers. Push the slider ahead of you until you reach the bottom of the canopy. Carefully lift the canopy off of the ground. Make sure the lines are not twisted and the canopy is facing the correct direction. The nose openings should be facing the rig, and the tail should be farthest from the rig.

Step outside of the lines and transfer the lines to one hand so that the left and right sides of the canopy hang at the same height.



4) Starting with the end cell nearest your legs, begin flaking the nose of the canopy. Pull each cell completely out, and keep it in your hand. Then, pick up the next, taking care not to miss any until all seven cells are in your hand.

When you have the entire nose flaked, tuck it between your knees and hold it there

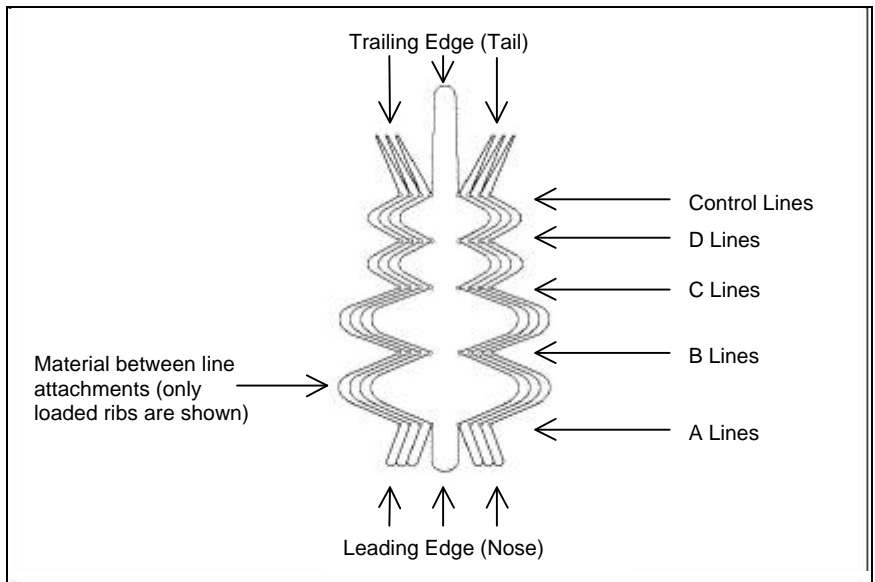


5) Clear the stabilizers. Flake the material between each line group out toward the stabilizers, keeping the line groups stacked together in the middle of the pack job. Clear the tail, flaking the material between each steering line toward the outside of the pack job.



The diagram at right shows the correct organization of the canopy after step 5 is completed. The leading edge will be closest to your body, and the trailing edge will be farthest away from you. When looking straight down into the canopy from above, it should resemble this diagram.

Note: to improve clarity, the slider is not shown.



6) Hold the canopy parallel to the floor with the nose facing down as shown. Continue to hold the lines in one hand while using your free arm to support the canopy fabric. While maintaining even tension on the lines, gently place the canopy back down on the floor or packing table with the nose facing down.



7) Starting on the right side of the canopy, carefully lift the folds of material back towards the center of the pack job until the nose is exposed. Clear the three cells to the right of the center cell and flake this section of the nose toward the outside of the pack job.

Note: references to the right and left sides are from the canopy pilot's point of view.



8) Flake the material between the A and B lines away from the line channel in the center of the pack job. Be sure that all three T seams to the right of the center cell are neatly flaked.



9) Find the four bottom seams to the right of the center cell and flake them out toward the stabilizer. The bottom seams are where the loaded ribs meet the bottom skins.

Make sure the right side B lines are grouped together and stacked neatly on top of the A lines.



10) Smooth out the fold between the A and B lines.

Repeat steps 8 through 10 to flake the material between the B and C lines.



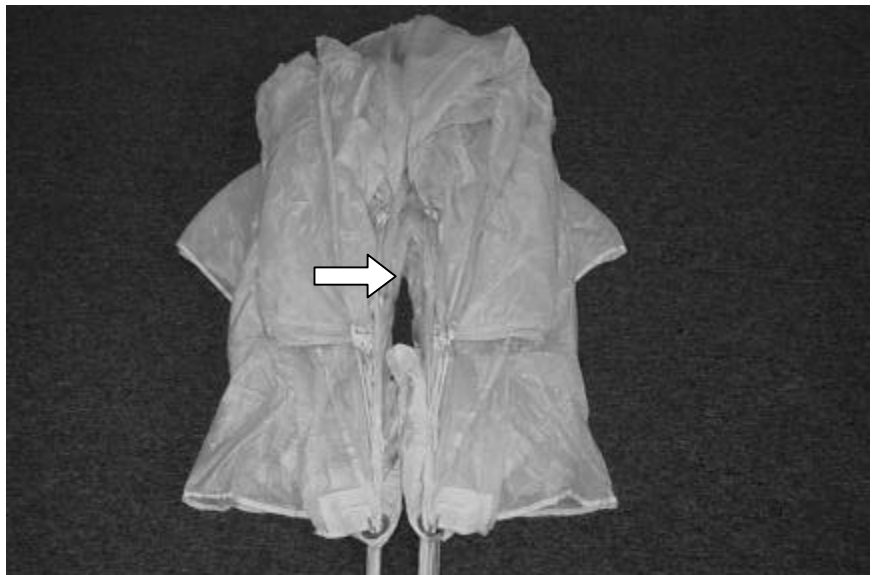
11) Flake the material between the C and D lines away from the line channel in the center of the pack job. Make sure the D lines are grouped together and stacked neatly on top of the A, B, and C lines. It is important to keep even tension on all the line groups throughout the remainder of the pack job. Pulling on the T seams directly above the line attachment points will help keep the lines straight and maintain the folds in the material.



12) Flake the material between the upper control lines toward the outside of the pack job, leaving the control lines stacked neatly on top of the A, B, C, and D lines.



13) Repeat steps 7 through 12 to flake and the left side of the canopy. Make sure the line channel in the center of the pack job is clear, as indicated by the arrow in the picture at right.



14) Quarter the slider, dividing the material evenly between the slider grommets. Make sure the slider grommets are seated against the slider stops sewn into the stabilizers.



15) Dress the center of the tail by spreading out the top center panel to the width of the canopy underneath.



16) Dress the canopy to the width of the bag. Tuck the center tail panel around the canopy, working from the slider end up and making sure not to cover the leading edge.



17) Carefully S-fold the nose under the canopy, making sure the leading edge remains exposed, but does not extend past the edges of the folded canopy.



Proceed to step 15 of the Flat Packing instructions on page 20 of the PD Reserve Owner's Manual.