

Project Raziel Parachute Packing Method

1. Make sure that the surface is clear of anything that could tear or snag the parachute.
2. Lay the parachute flat such that each shroud line pairs with another line. Untangle the shroud lines if necessary. You may need to use improvised weights to keep the parachute flat throughout the packing process.
3. Inspect the parachute for holes, damaged stitching, and loose shroud lines.
4. Attach the shroud lines in an orderly fashion to a quick-link.
5. Gently shake or comb the shroud lines to undo any tangles that formed. Then, stretch the shroud lines to their full length.
6. Fold the parachute in half by taking the left edge of the parachute and folding it to be in line with the right edge. The pairs of shroud lines should line up with another pair of shroud lines.
7. Smooth out the parachute again.
8. Fold the parachute in half again, taking the right edge of the parachute and lining it up with the left edge. The quartets of shroud lines should line up with another quartet of shroud lines.
9. Smooth out the parachute again.
10. Continue this process of alternating folds until only 1 gore is fully visible (if your parachute does not have gores, you will have to stop after a “reasonable” amount, which probably depends on the exact parachute dimensions and also the volume you are packing it into. An estimate might be one more fold).
11. Smooth out the parachute thoroughly.
12. Shake out the shroud lines to release any tangles.
13. Fold the shroud lines in half in the vertical direction (i.e. lift up the middle of the shroud lines and lay it down on the parachute canopy). You may need to do this a couple of times depending on the dimensions of the parachute and its lines. The ends of the shroud lines should be below the canopy.
14. Fold the parachute canopy roughly in half one more time, covering the shroud lines.
15. Smooth down the parachute well.
16. Roll the parachute tightly, starting from the vent/apex of the parachute. Compress the parachute very tightly while rolling. You will likely need another person to help with this process.
17. Stuff the rolled parachute into the deployment bag.