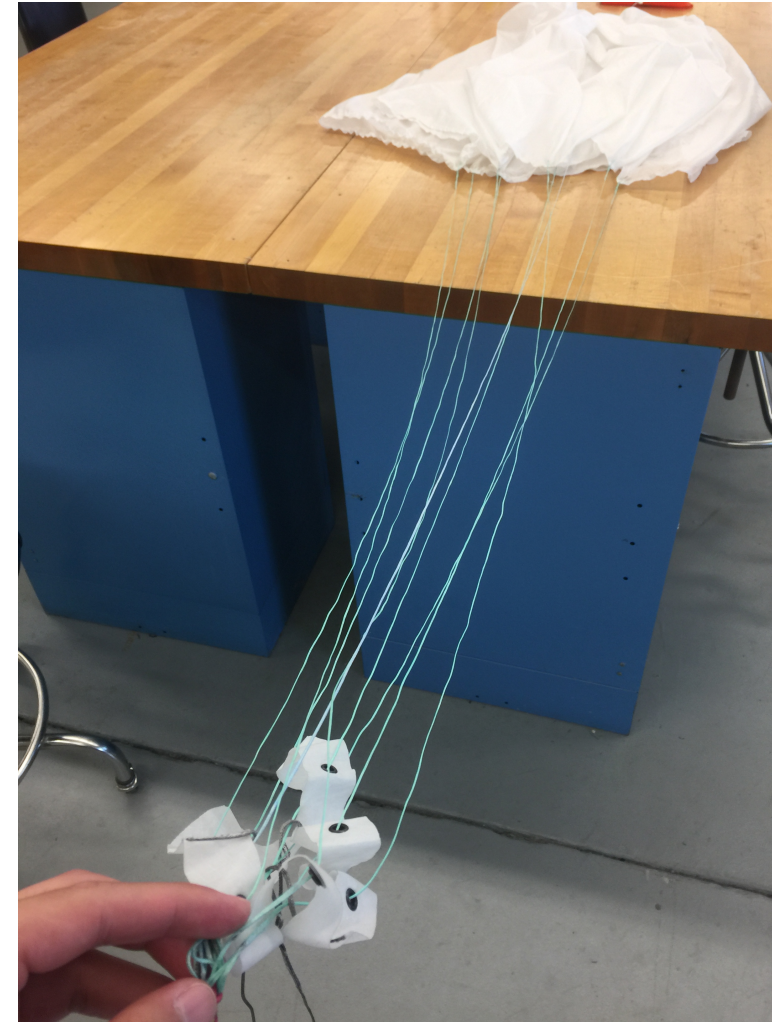
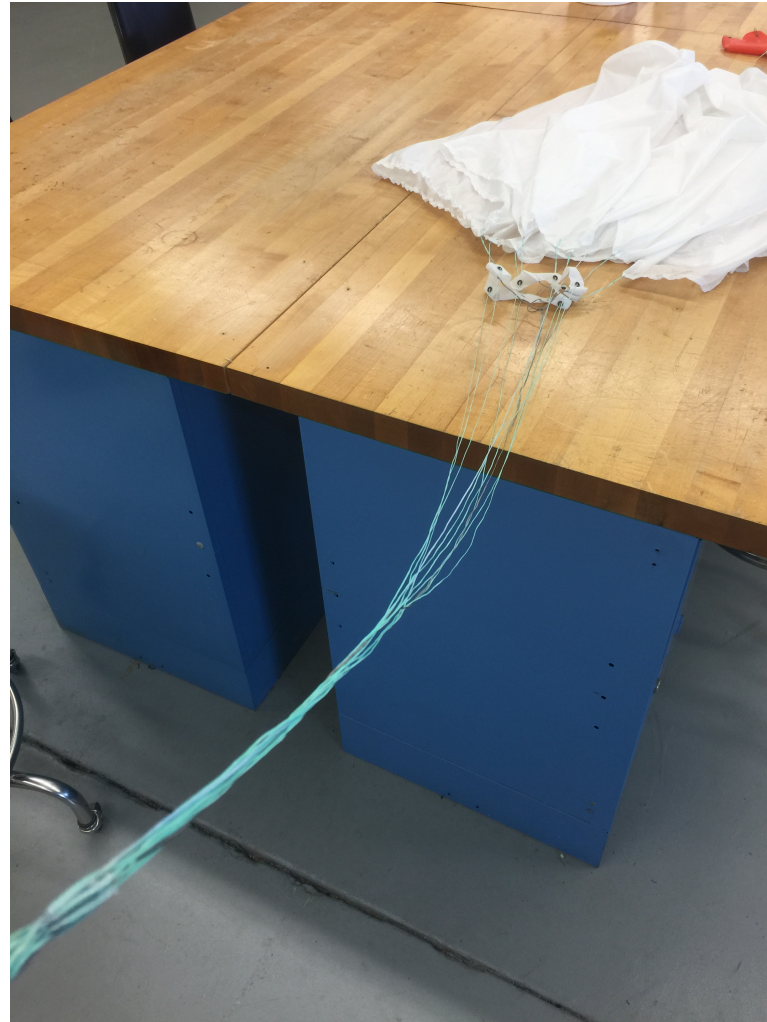
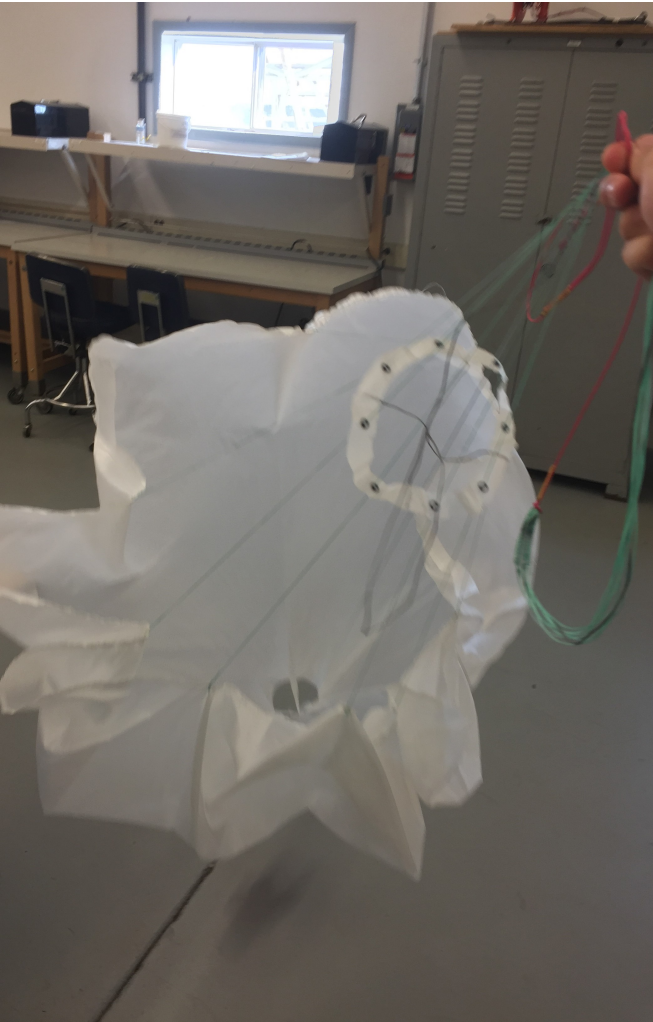


How to fold a parachute

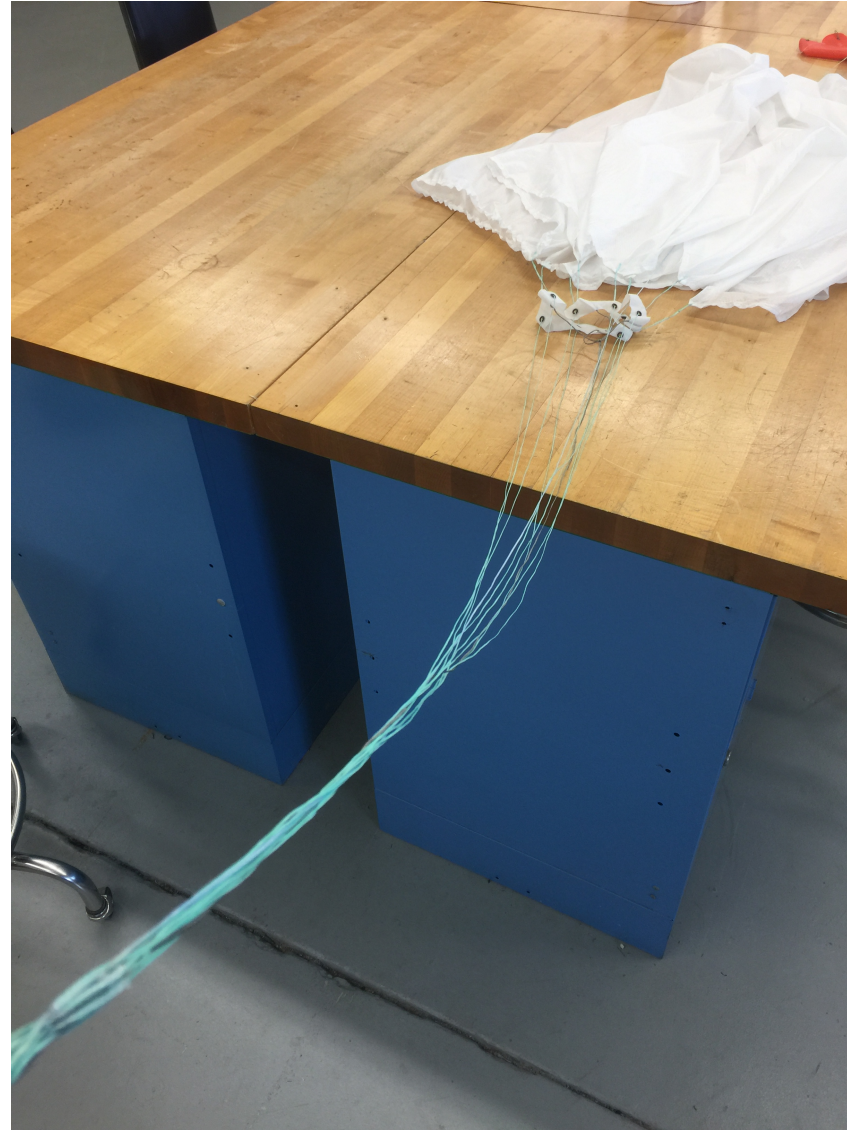
Read the pictures from left to right
(1), (2), etc, refers to the #th picture of that page

By Dingming Lu

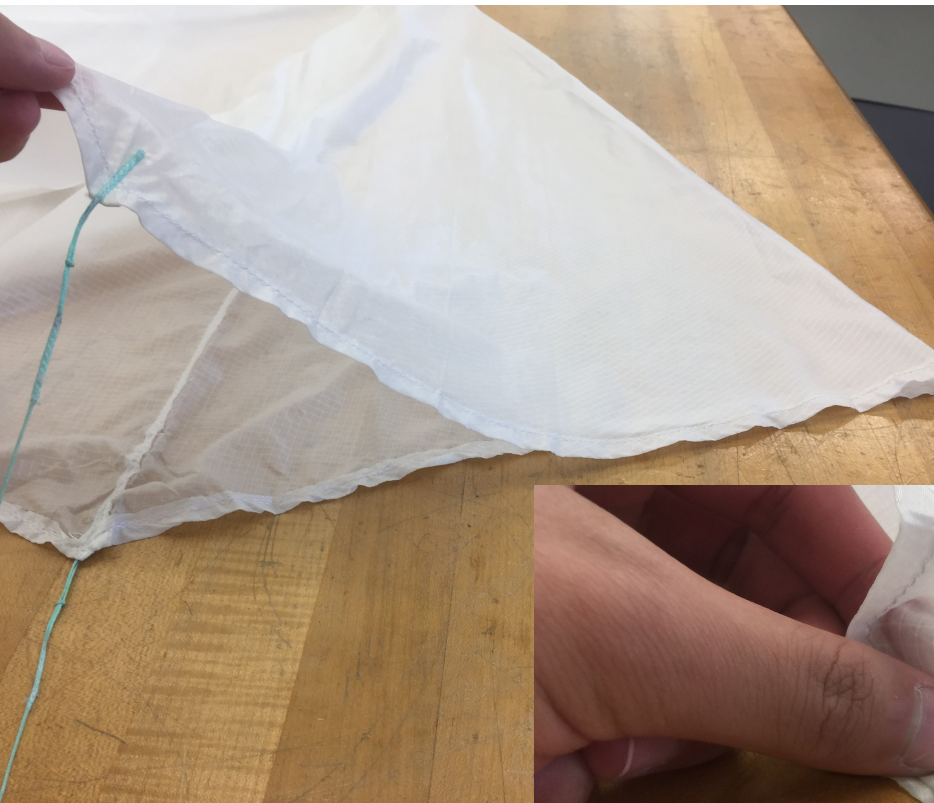
1. Fill the air to the parachute(1), and make sure the suspension lines are not tangled by moving the break line(2)(3).



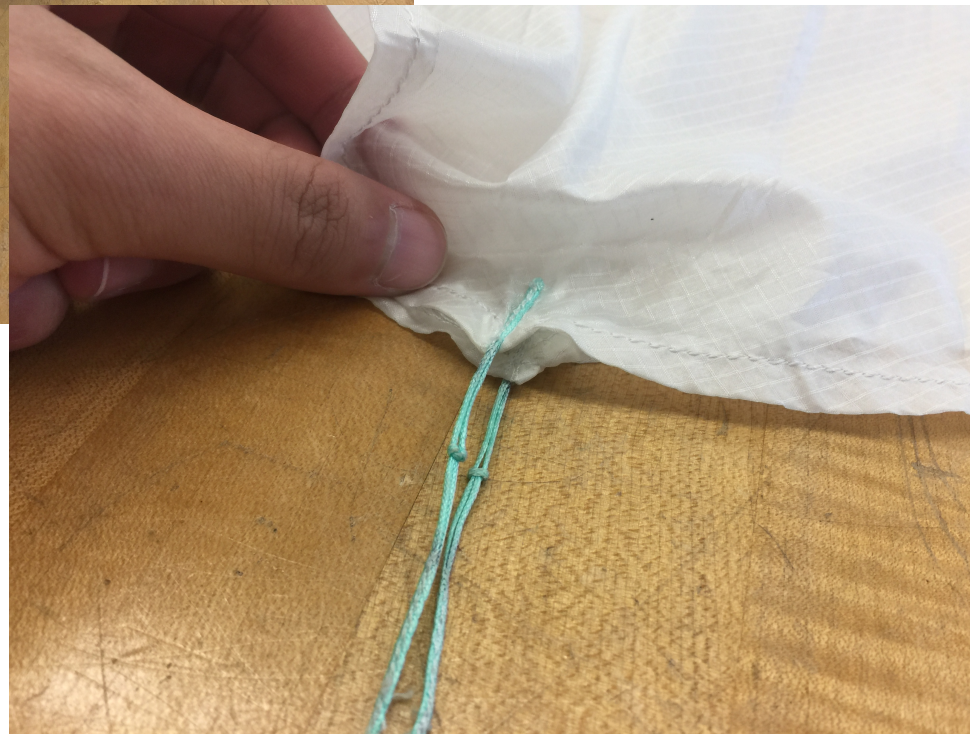
Put the parachute on the table



Find the spot where the suspension line and the canopy connect, then find the two spots that are neighbors (bring the two spots together (2)), then find the folding edge of the canopy (3). Now the two spots are at the central folding edge, which is like the edge of the page of a book.



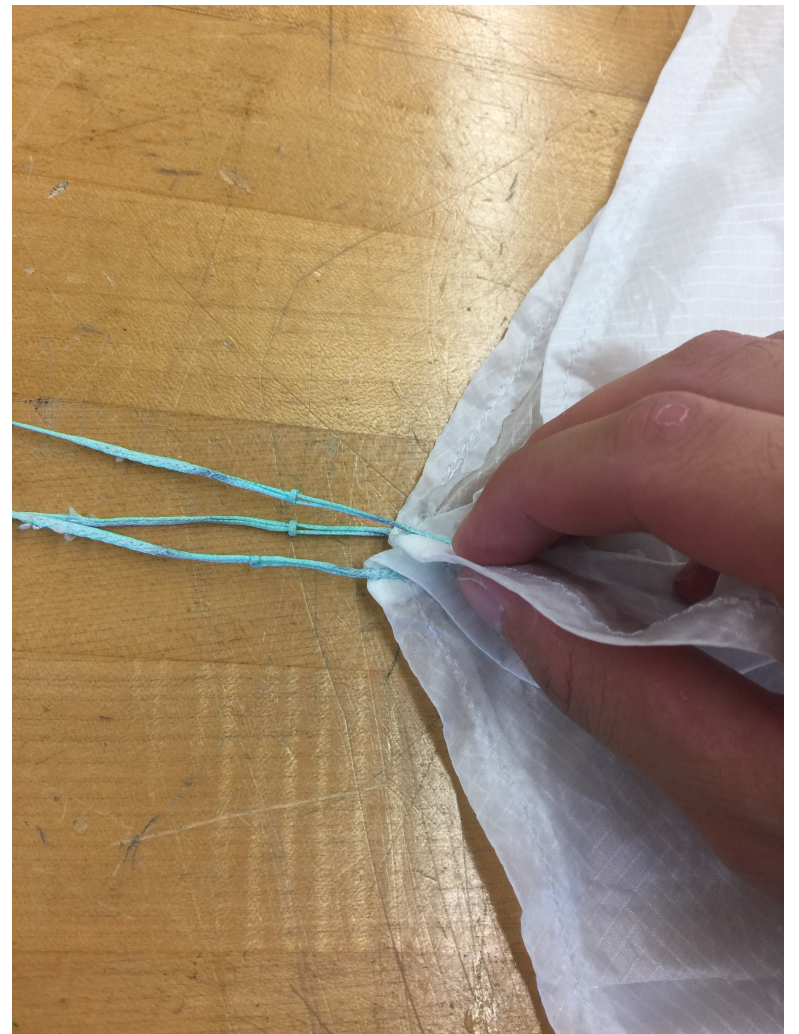
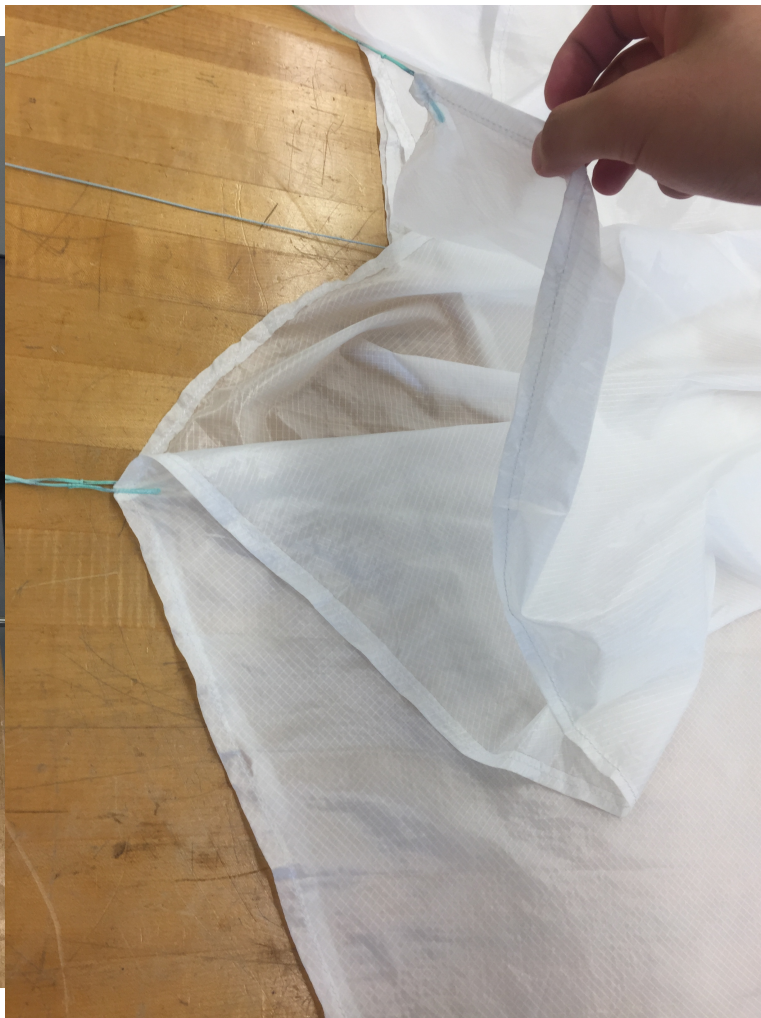
←(1)



(2)→



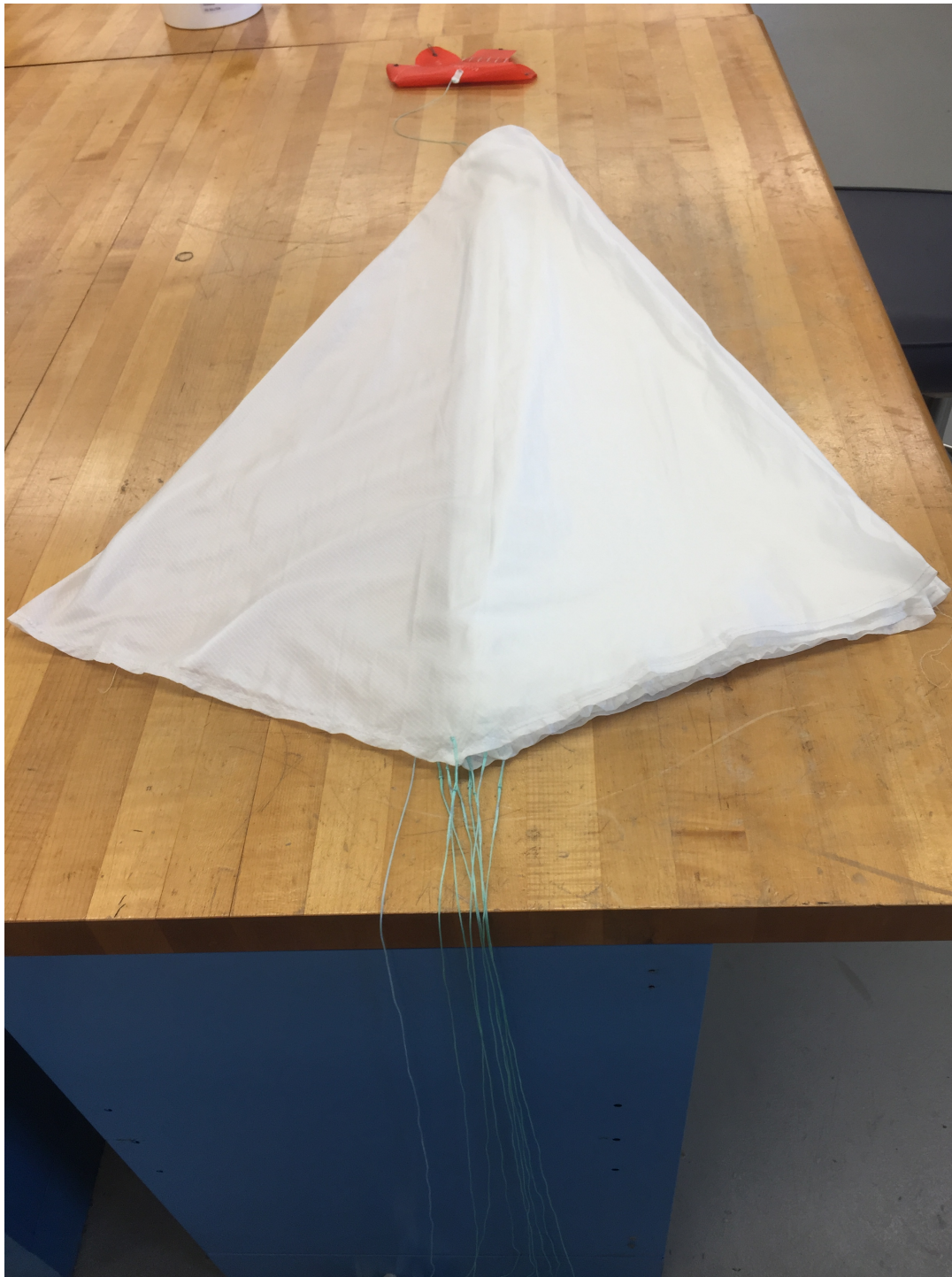
Put one piece of the gore on the table (1). Then follow the edge of the canopy, find the next spot where the suspension line and the canopy connect (2). Put the new spot to the "central axis" (3).



4.2. Then find the edge and form a new “page” (1). Put the new “page” on the top of the previous page (2).



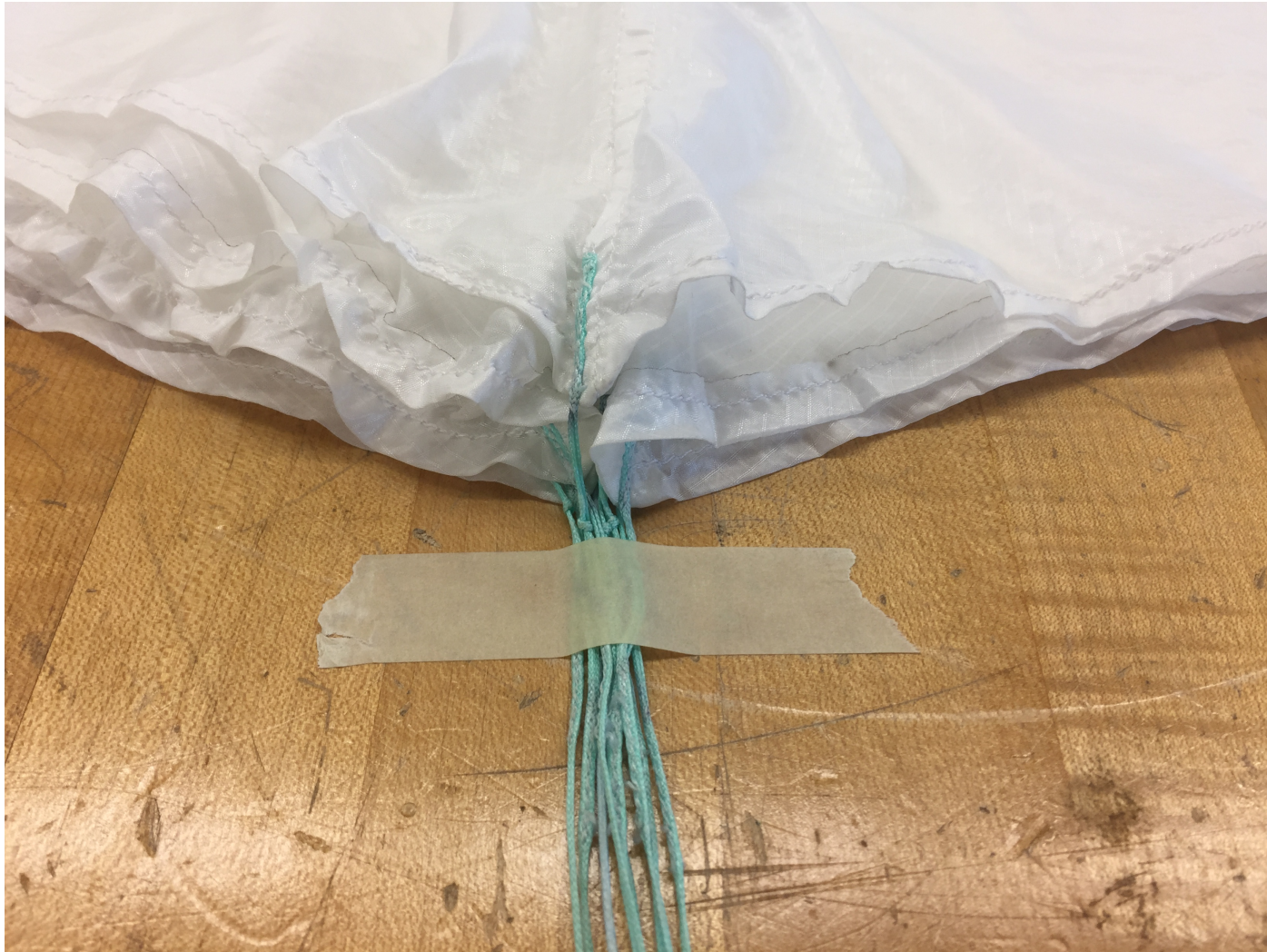
5. Repeat step 4. After the last gore is folded, there should be 8 gores in total.



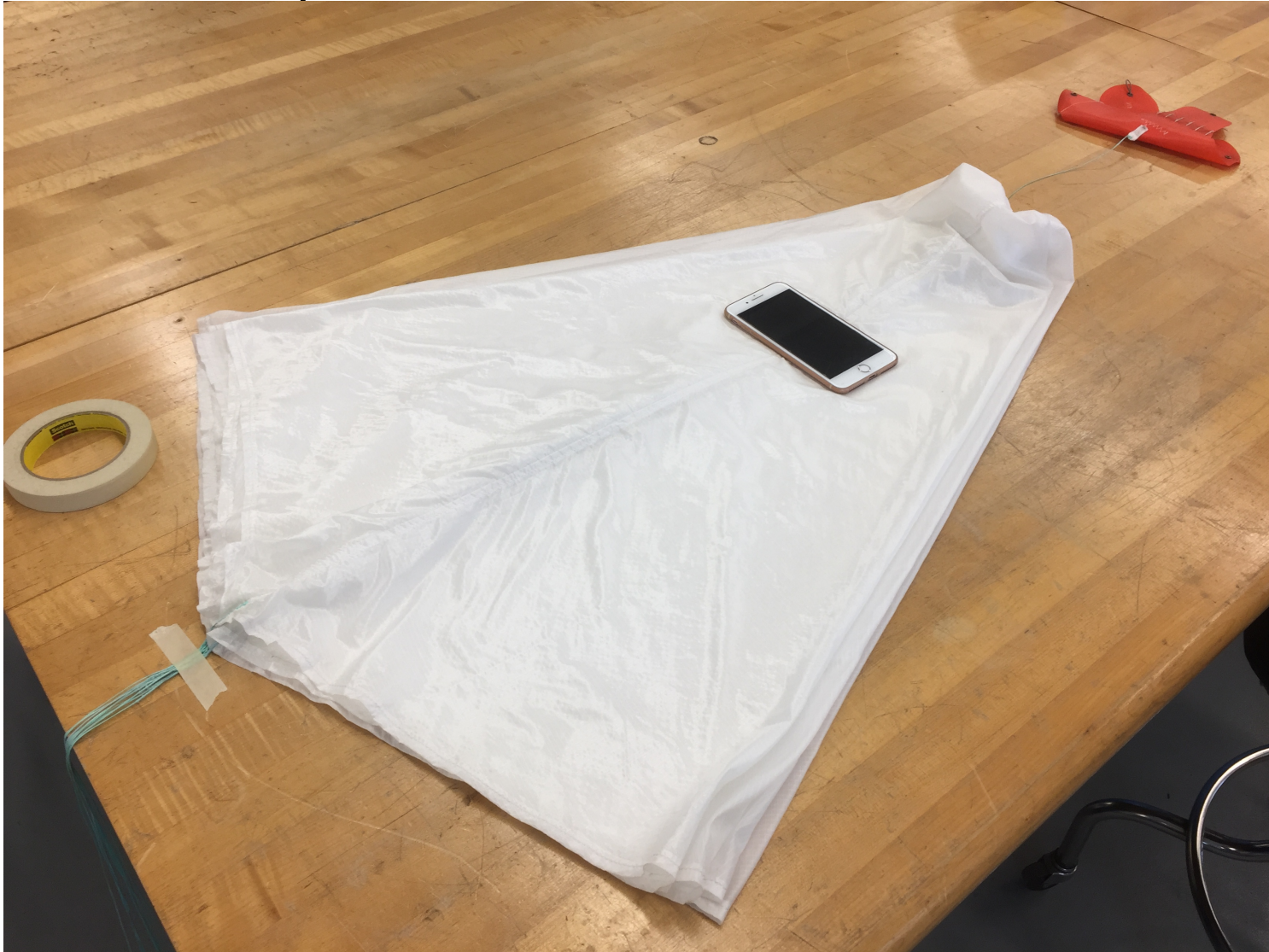
6. Put 4 gores on each side of the axis.



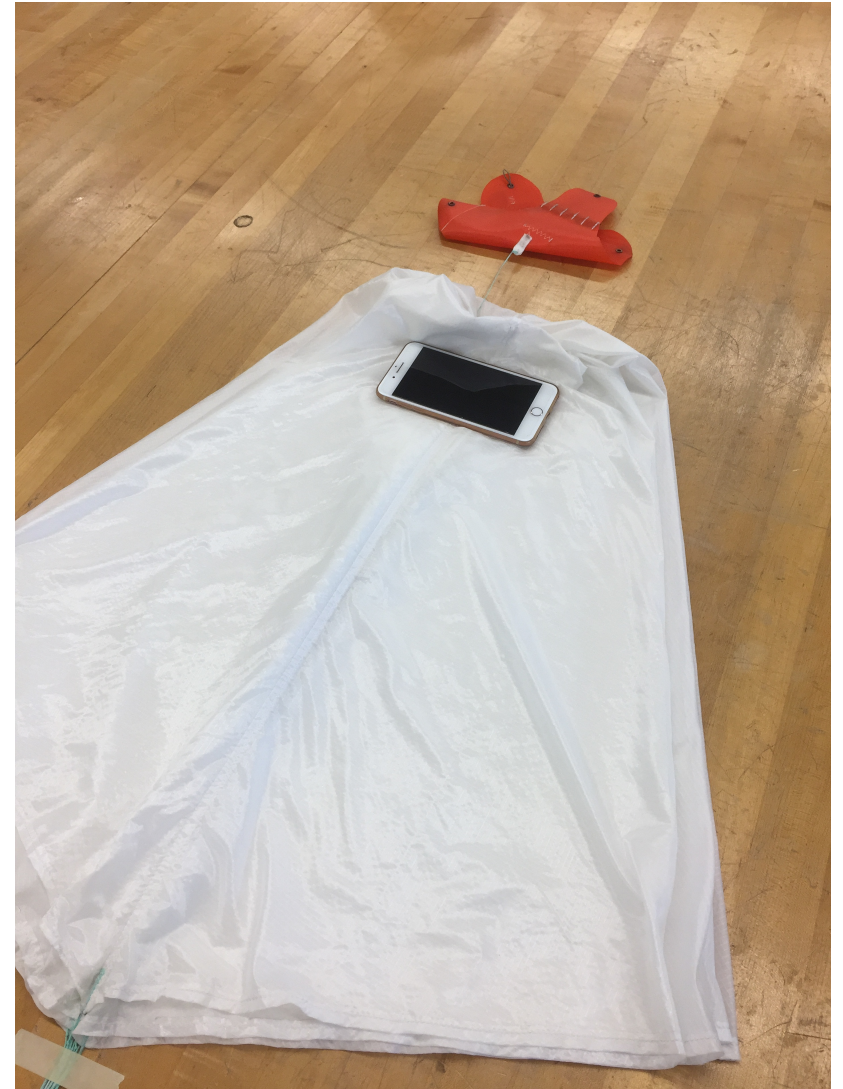
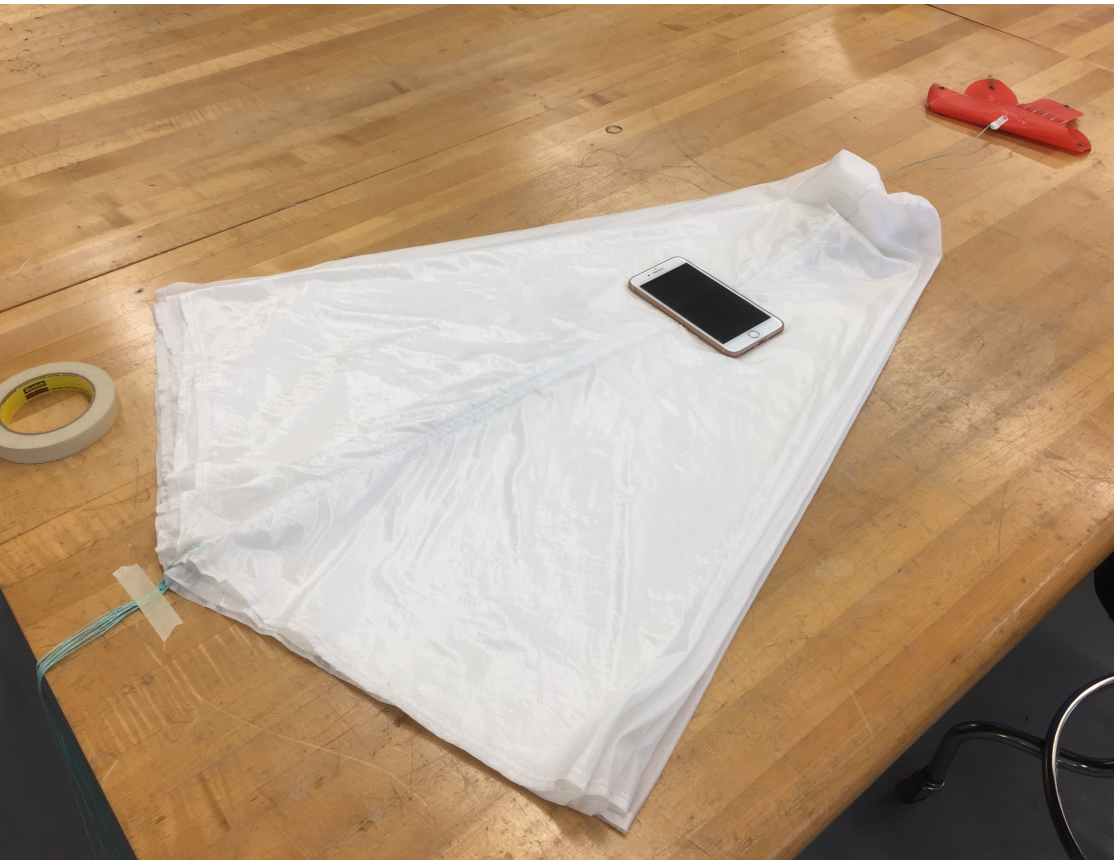
7. Now tape the suspension lines on the table so they don't move.



8. Put a heavy anchor, such as your cell phone, at the 1/3 of the parachute from the air vent.



9. Pull the center line until the deployment bag is near the anchor (2).



0. Remove the anchor. Fold the top of the parachute in the zigzag format (1
like what's shown in the picture. Finally, it should have 4 gores on each side
2)(3)



11. Put 4 fingers at the bottom of the parachute.



12. Fold one side of the parachute over the fingers.



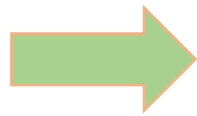
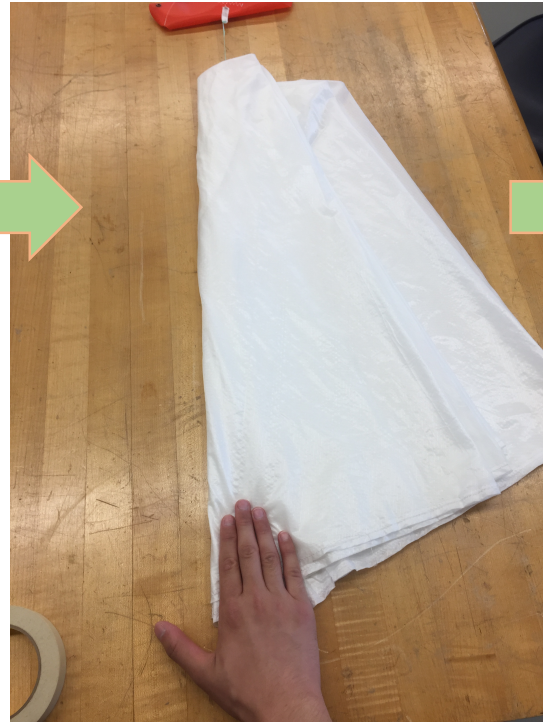
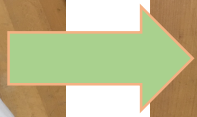
13. Move
the fingers
to the top.



14. Fold the same part over the fingers again.



15.1. Repeat step 14, until the half part of the parachute are folded in the 10 cm wide section



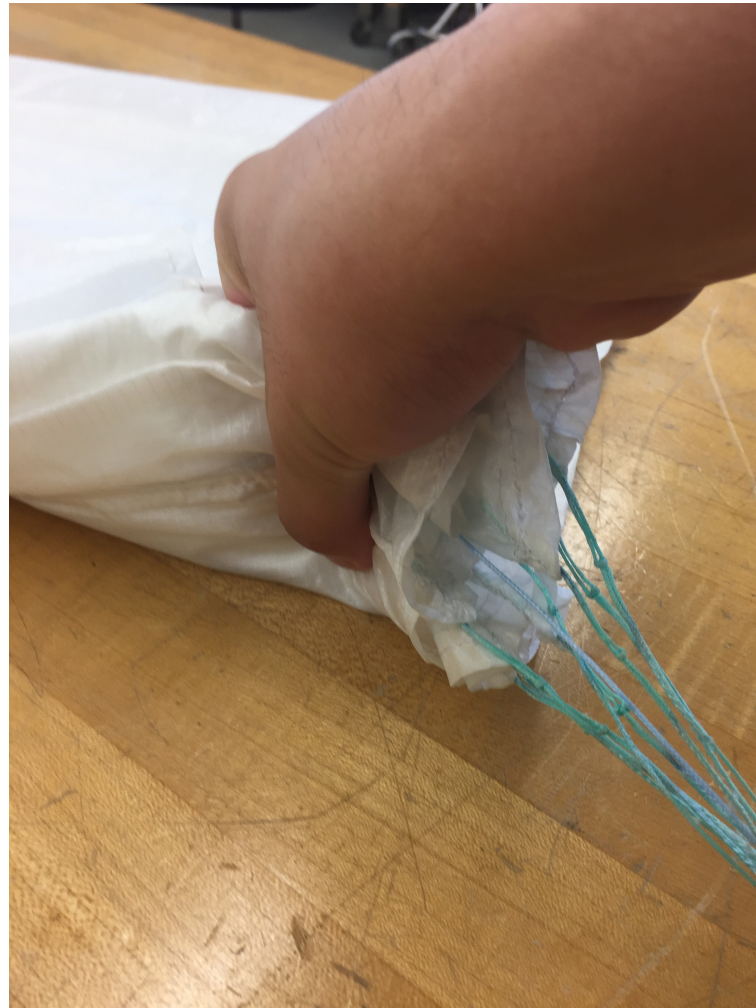
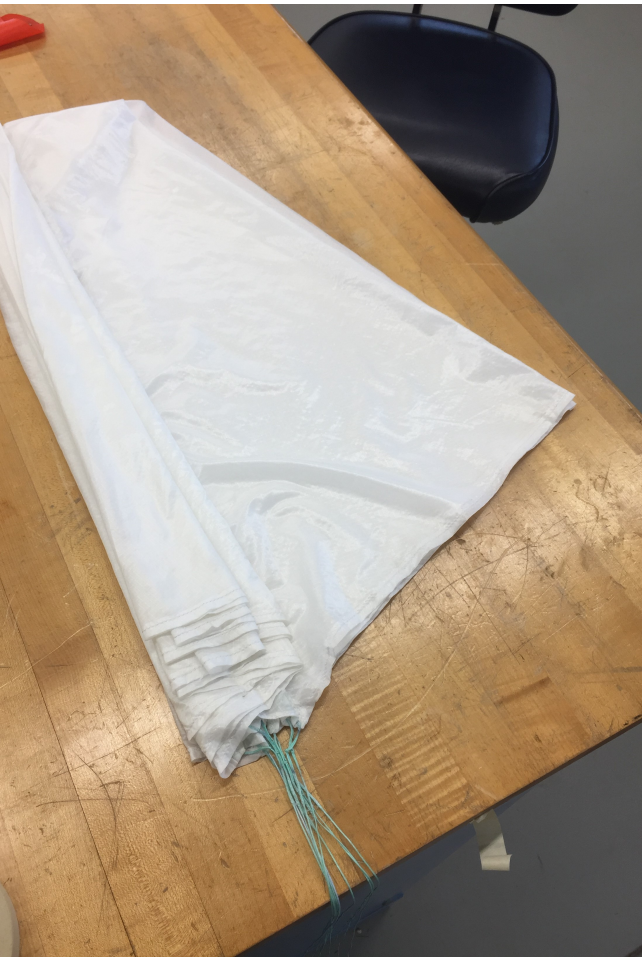
15.2 Then it should look like this



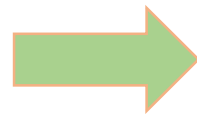
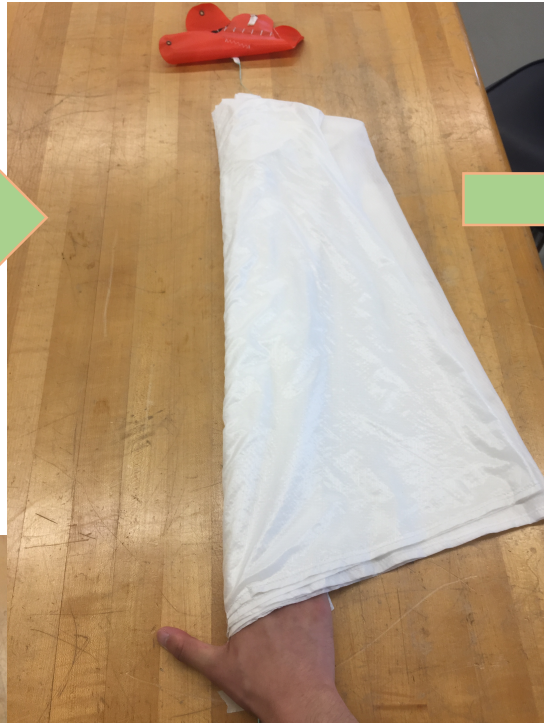
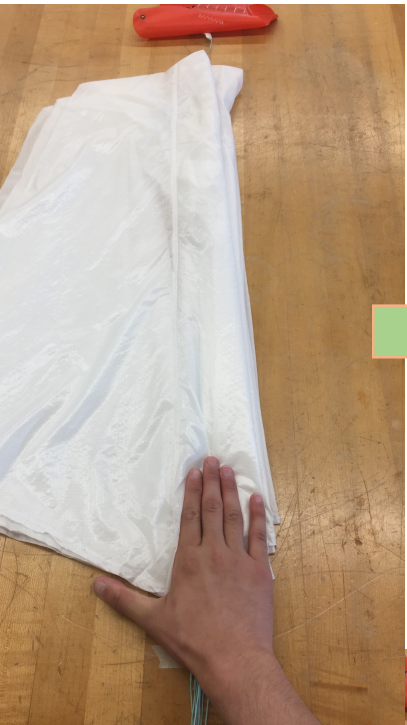
15.3 Flat the parachute by pushing it all the way down.



16. Remove the tapes. Hold ALL spots and the top of the parachute. Flip the parachute.



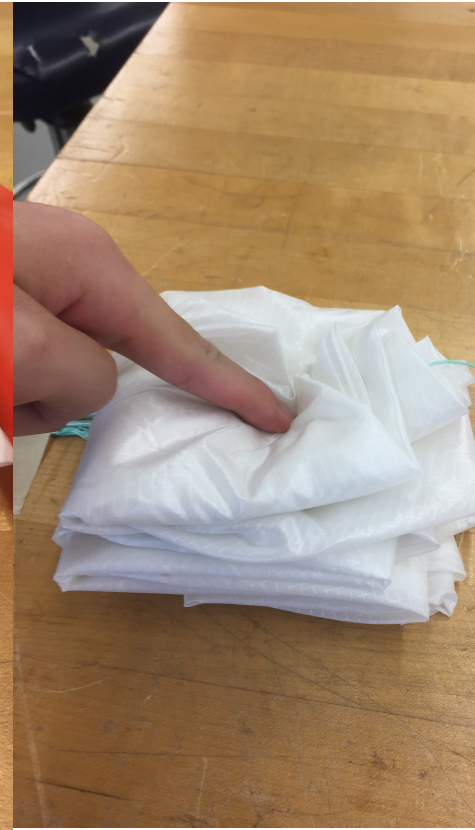
17. Repeat step 11 to step 15.



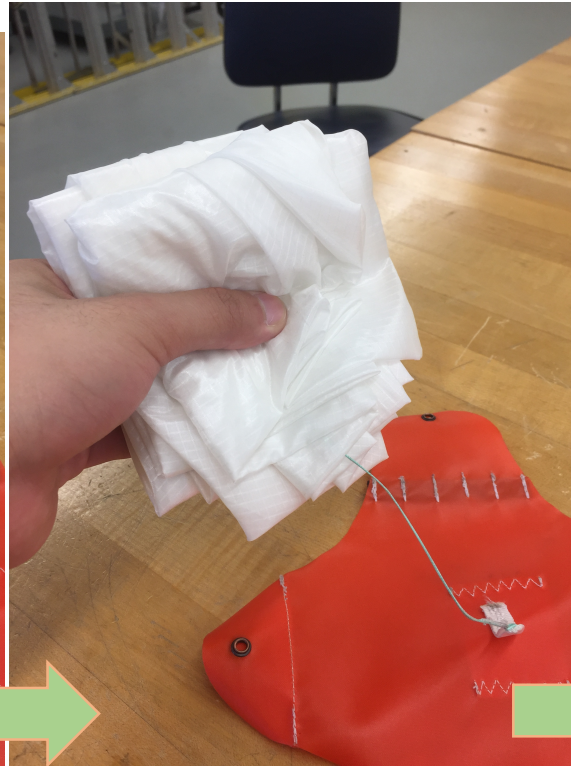
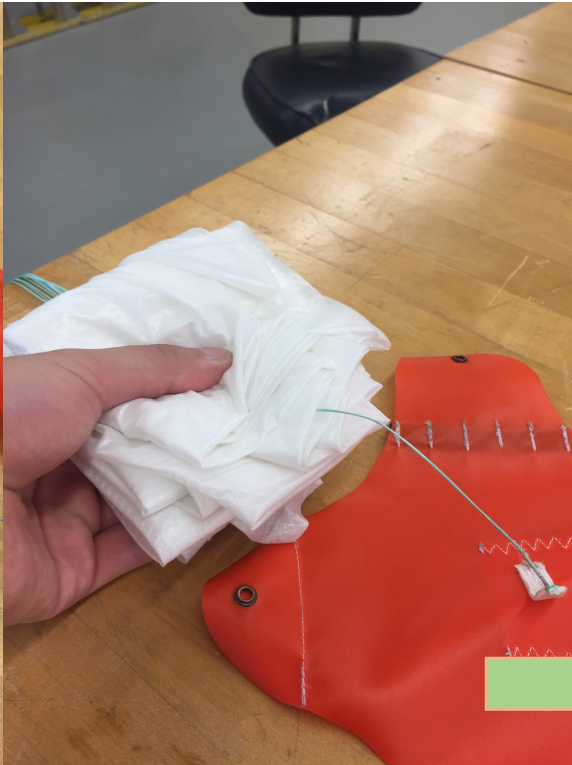
18. Fold the parachute zigzag again. Each segment of the "Z" should be about 10cm.



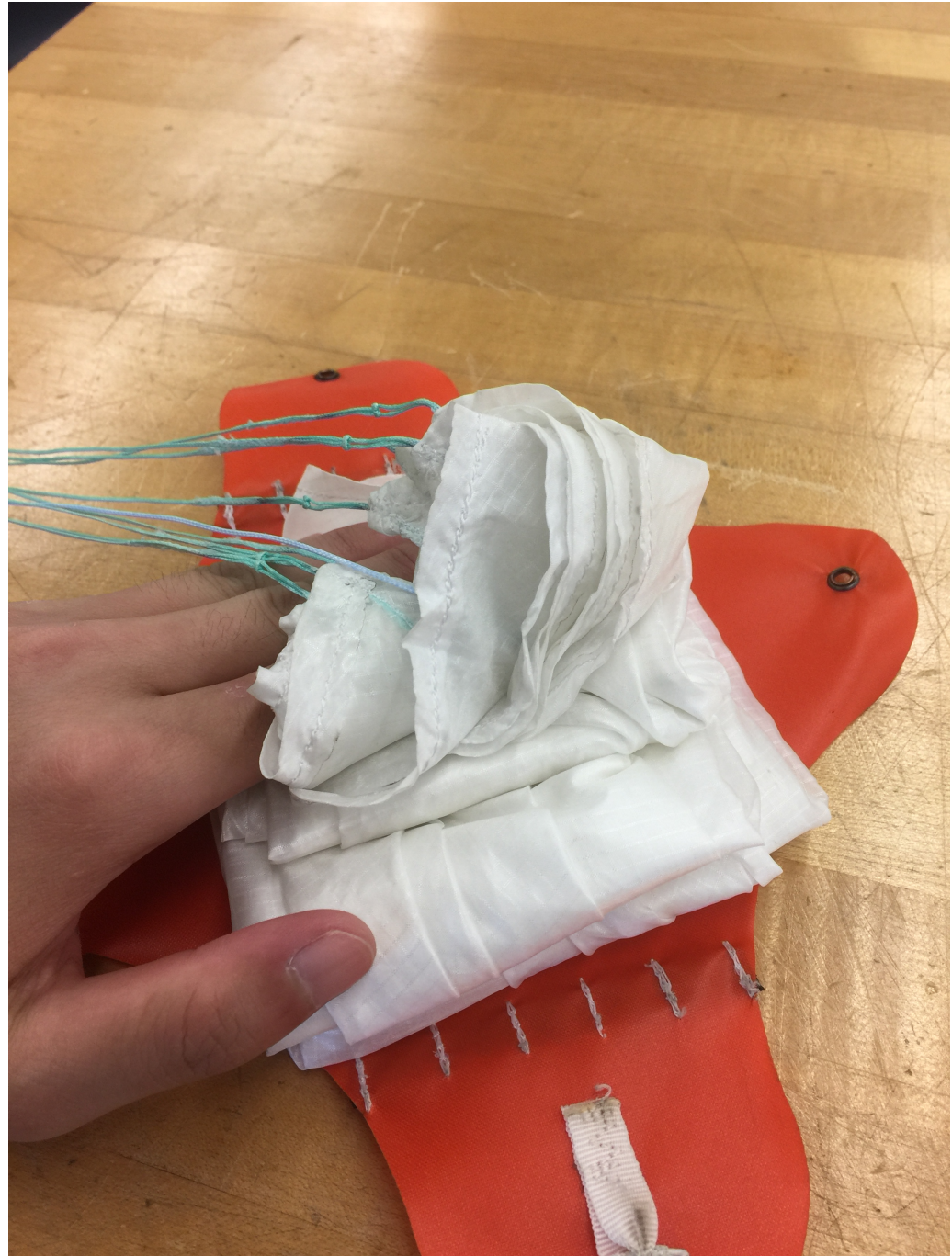
19. Fold all the way to the suspension line.



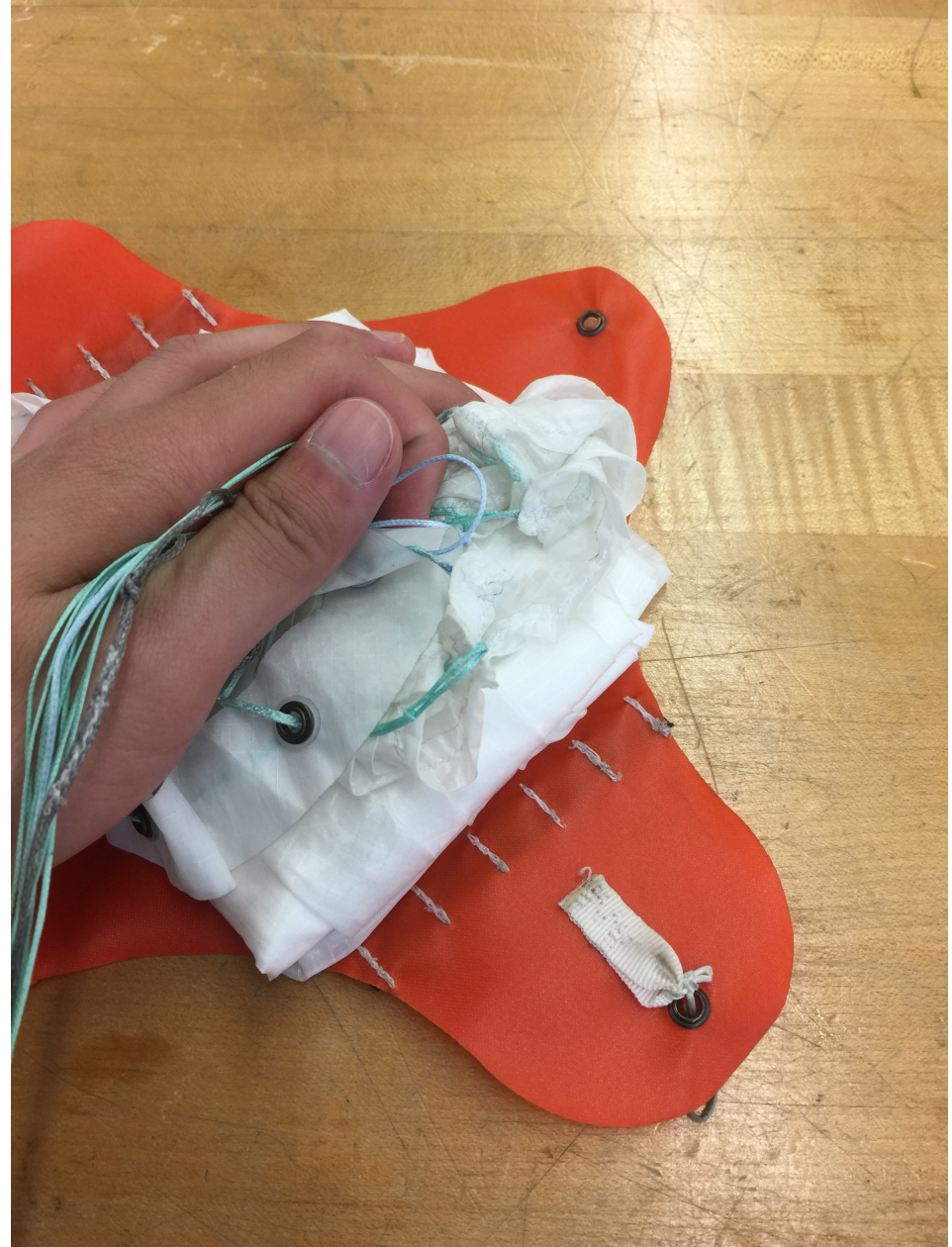
Now the air vent should be at the top (where I point it)(1). Hold the entire parachute and flip 180 degrees, now the air vent side should be facing down.



1. Put it into
the deployment
bag.



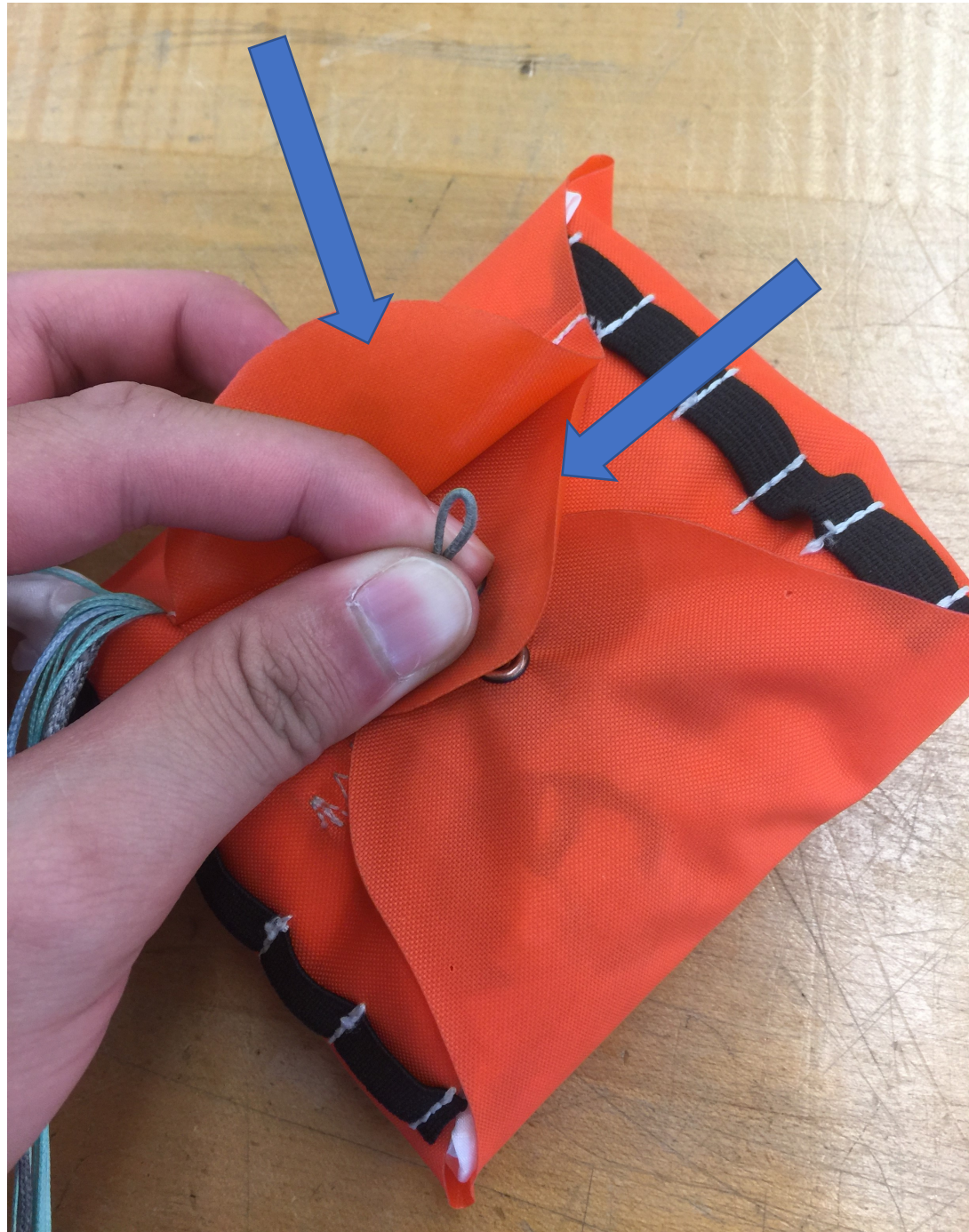
22. Put the break into the deployment bag (1). Make sure the suspension lines that are outside of the bag have the equal length. Put the extra suspension line into the bag.



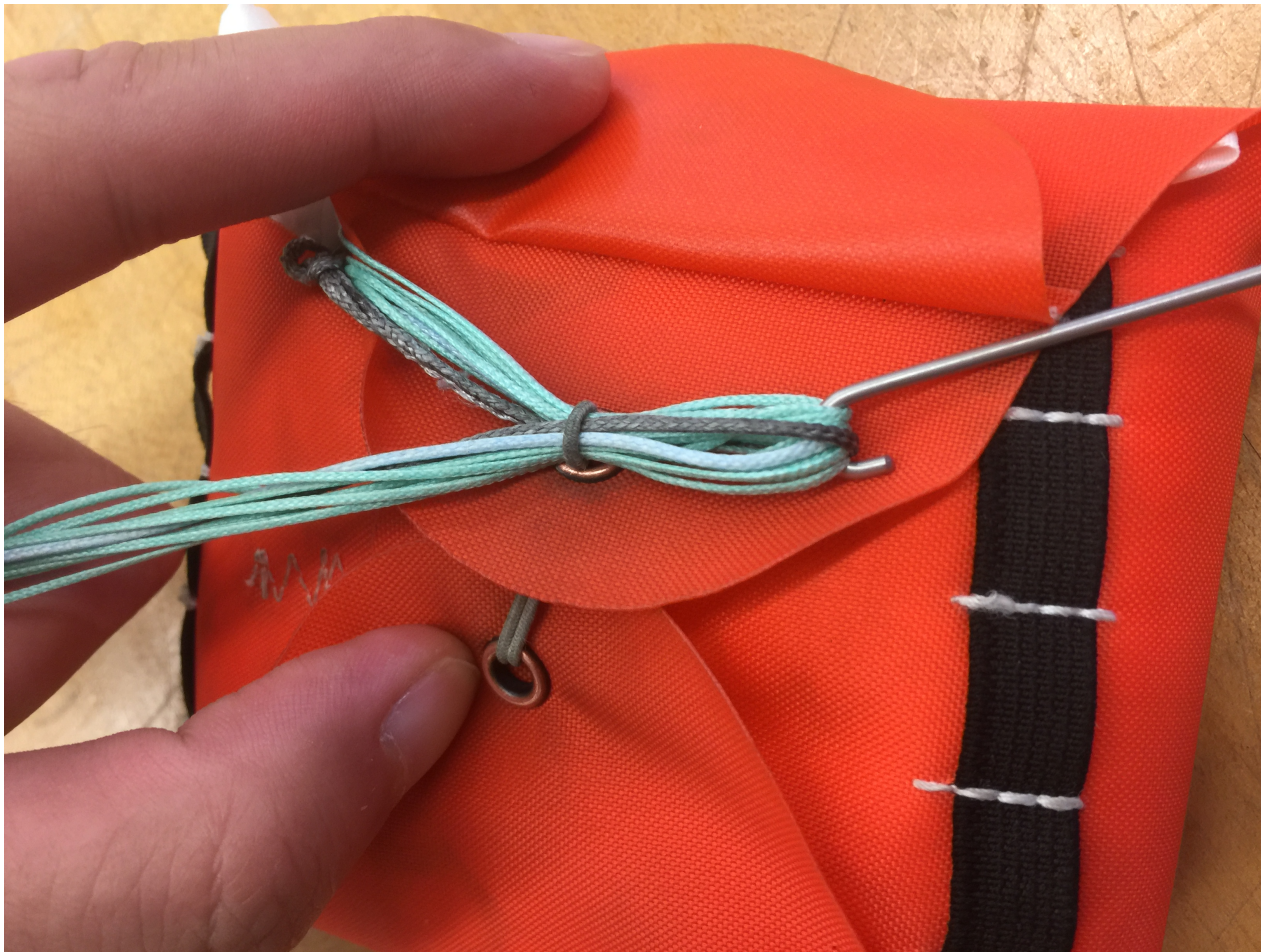
23.1 Make the elastic loop go through the holes on the deployment bag.



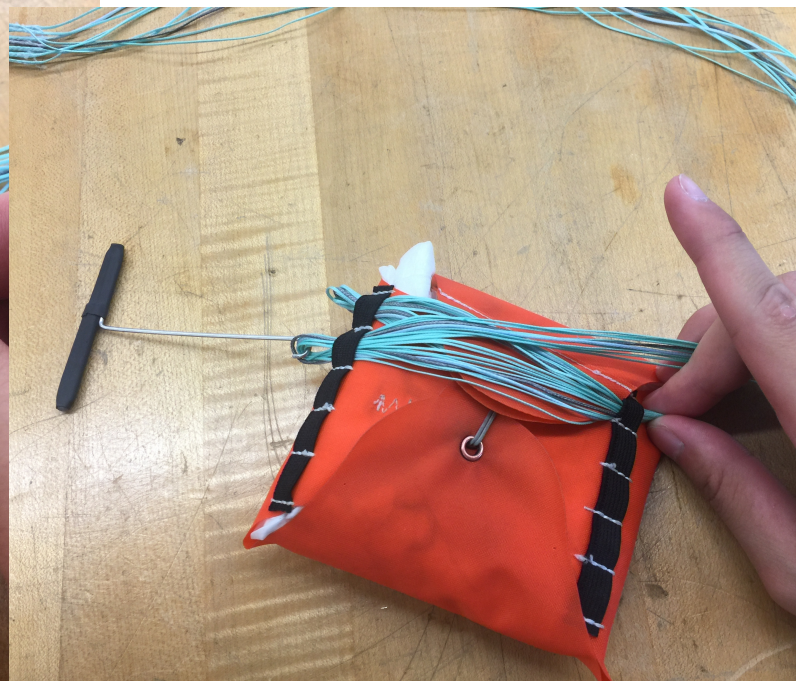
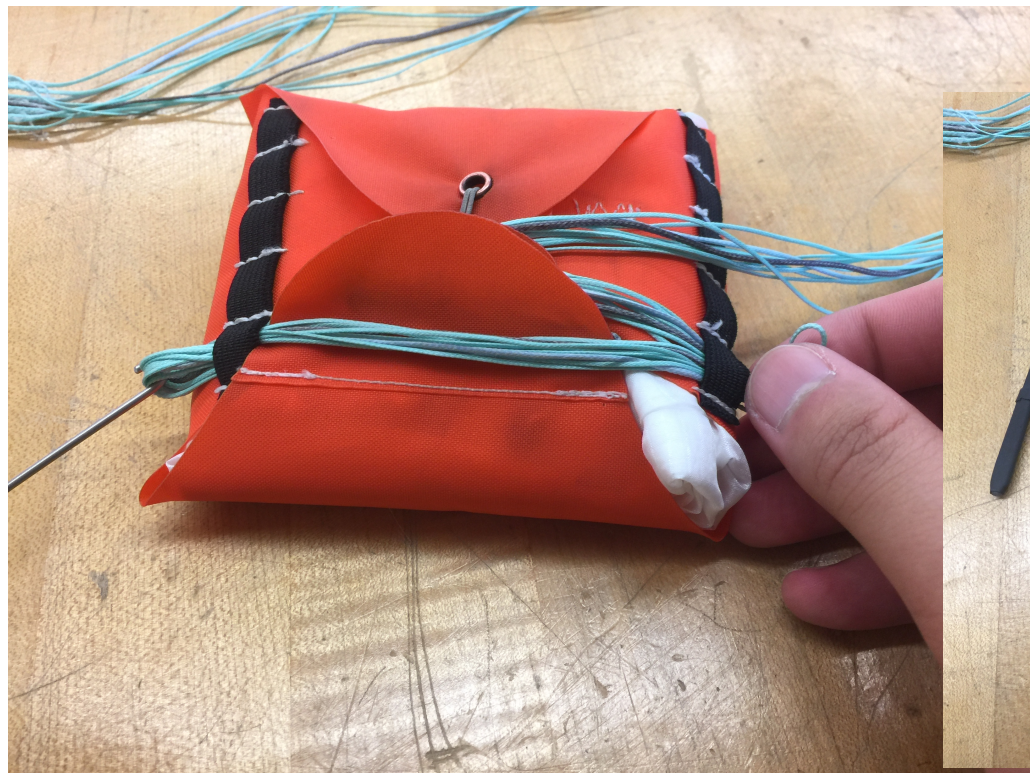
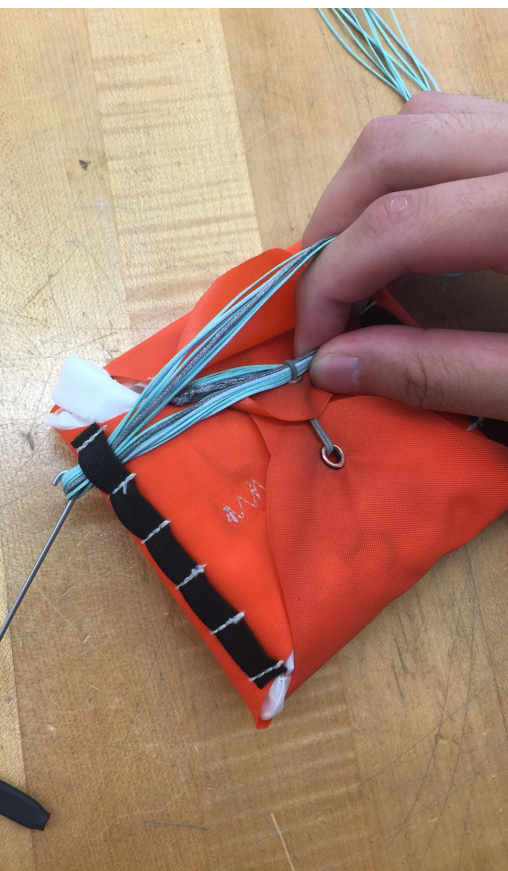
23.2 The side with two layers should be the last.



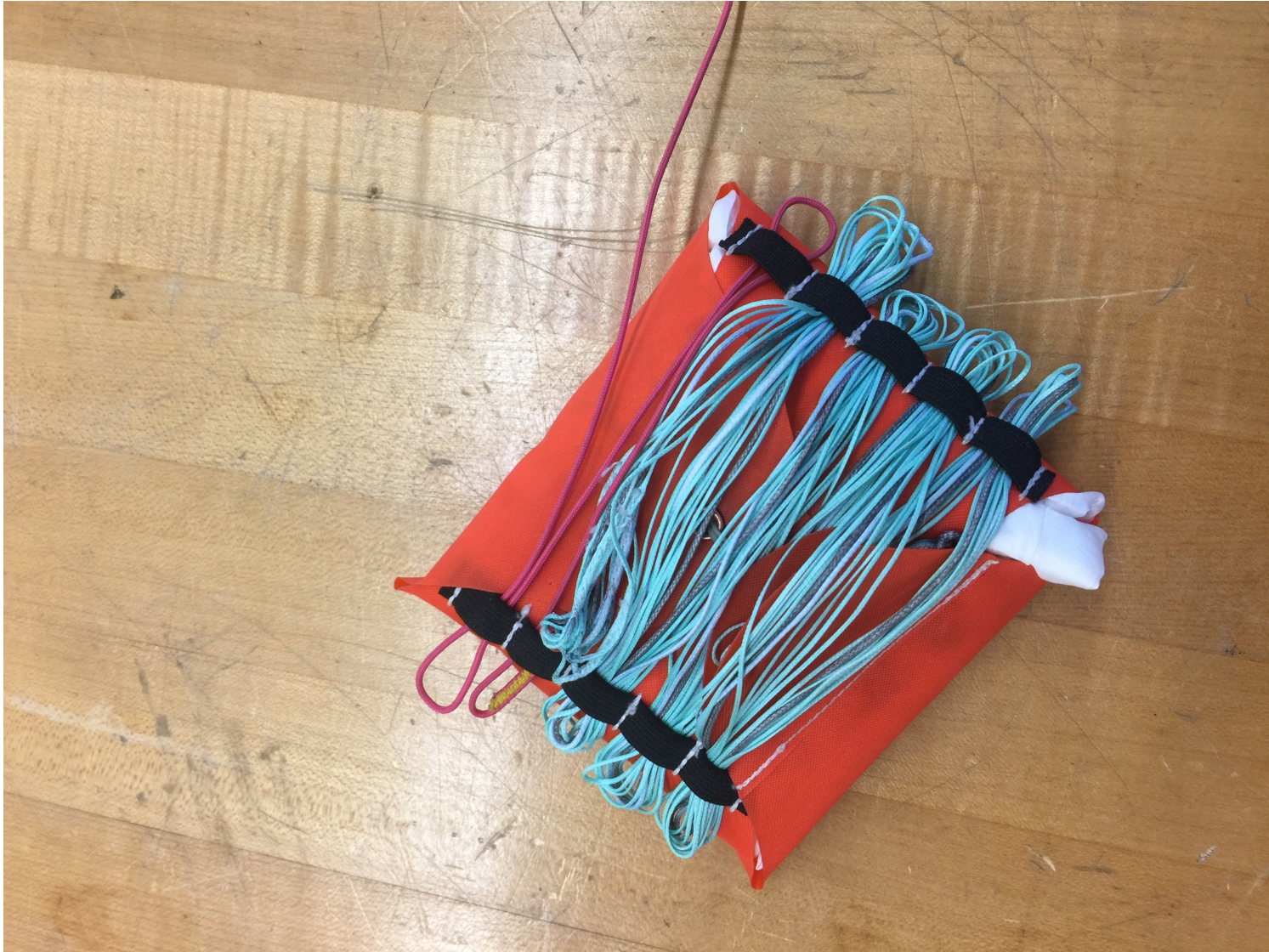
24. Use a hook to pull a little section of the suspension lines through the elastic loop, like shown in the picture.



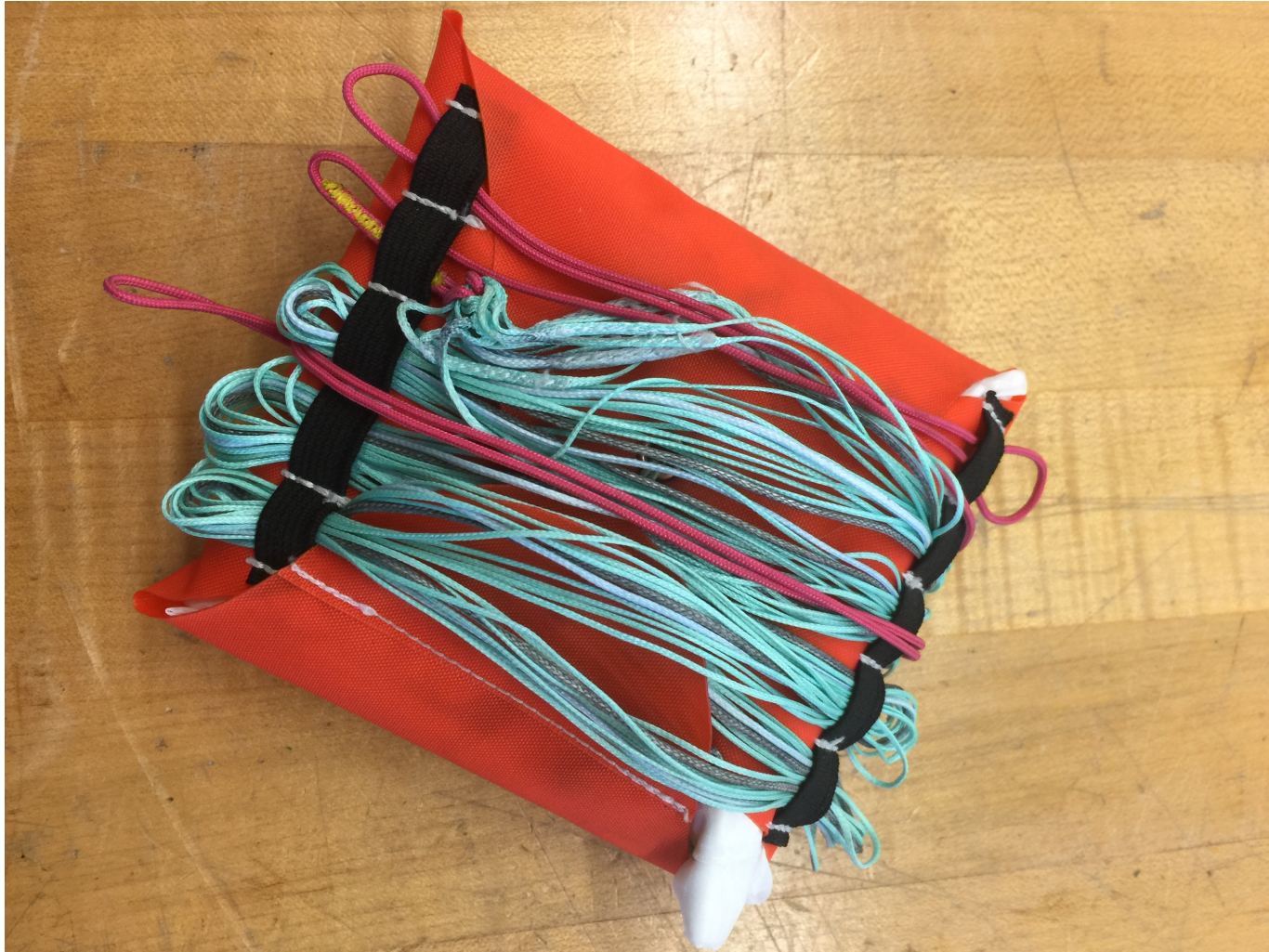
Use the hook to pull the suspensions lines through the rest of the elastic holes. Make sure they don't overlap



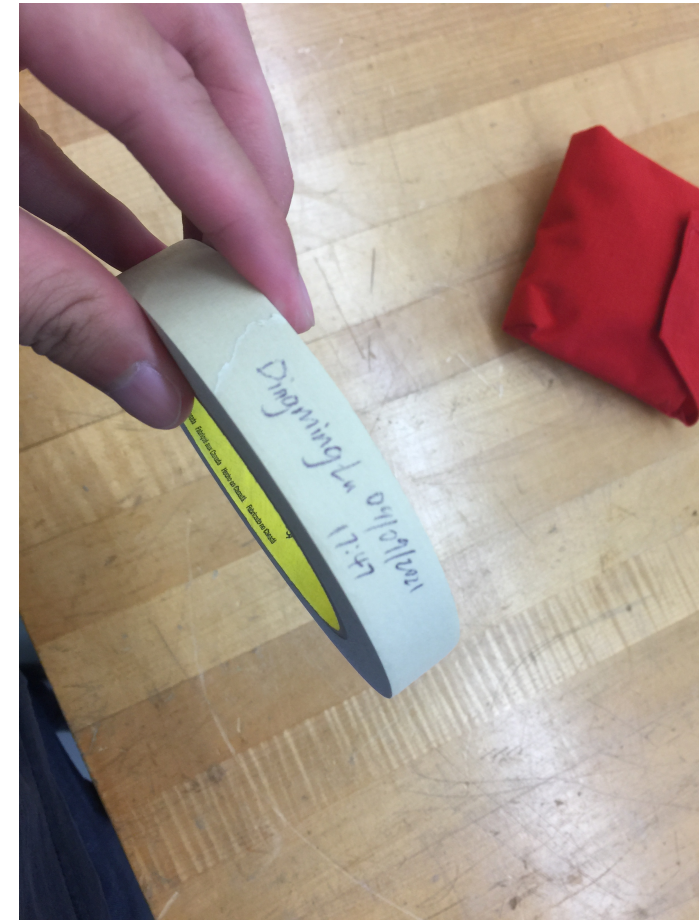
26. It should be like this.



26.1 Coil the main parachute cord



. Put the parachute and the hook into the pouch. Write the name, date, and time on the tape FIRST, then stick the tape to the bag.



28. Finished
Go to next
slide to watch
the test.



Test the parachute.

