
Butler Parachute Systems, Inc.

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SmartChute™



PACKING MANUAL

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This manual contains all the information required to repack the BPS SmartChute™ and should be easily accomplished by any certified parachute rigger.

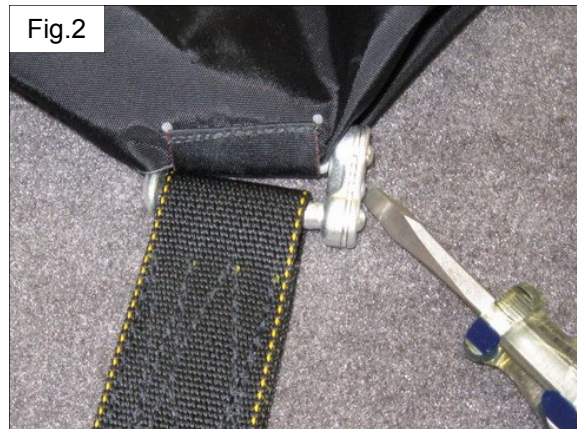
REQUIRED TOOLS AND MATERIALS:

Screwdriver
Packing weights
6-cord cotton cord
1-1/4" x 3/8" Rubber Bands

1. The parachute container is attached to the canopy by Type 12 webbing passing through the connector link. Begin the repack by inspecting the security of the webbing to the container. Repair/replace the container as needed.

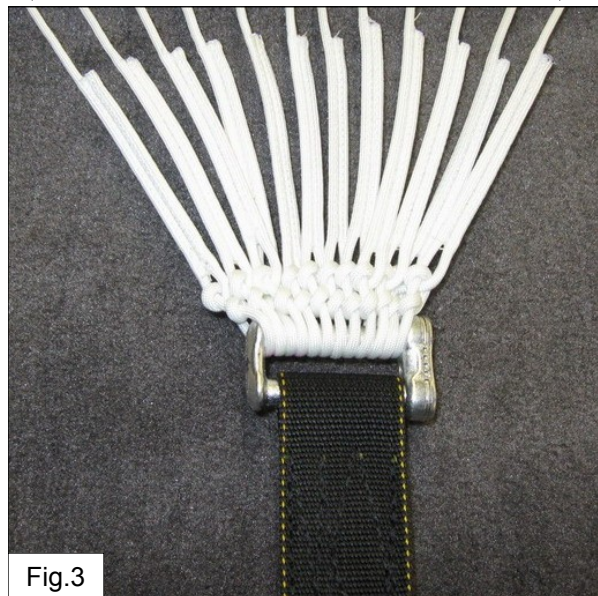


2. Check the screw on the connector link for tightness.



3. Place the canopy on the packing table and apply slight tension. Perform a continuity check to ensure there are no twists in the suspension lines.

SUSPENSION LINE SEQUENCE
12, 1, 11, 2, 10, 3, 9, 4, 8, 5, 7, 6



4. Apply tension and flake the canopy in the usual manner. Split the gores into equal amounts, dress the skirt, then long fold into fifths.



5. Remove the apex from your tension device. Tie the ventlines to the apex tie loop (inside the deployment bag) with one turn-single cotton 6-cord. Tie with a Surgeon's and Locking Knot, then trim the ends to 1/2"



6. With the deployment bag closing flap on the bottom, place the apex into the deployment bag and begin "S"-folding the canopy into the bag



7. Continue “S”-folding the canopy side-to-side into the deployment bag.



8. Finish inserting the canopy into the deployment bag, finishing with the suspension lines to the side as shown.



9. Form a bight in the suspension lines approximately 6 inches from the canopy skirt. Pass one rubber band through the closing flap grommet and create the first locking stow as shown. Adjust the bight so it extends to the edge of the closing flap.



10. Create the other locking bight as shown.



11. Rotate the deployment bag so the stowbands are on top. Begin stowing the suspension lines with the first bight in the upper corner. Replace any broken rubberbands as needed.

Fig.11



12. Place the next suspension line bight on the opposite corner of the deployment bag.

Fig.12



13. continue stowing the suspension lines back and forth across the deployment bag, finishing with approximately 6 inches between the last bight and the connector link.

Fig.13



14. Carefully slide the deployment bag into the container.

Fig.14a



Fig.14b



15. Close the container and form locking stows using the static line as shown.

Fig.15a



Fig.15b



16. Stow the static line onto the container in the same manner as the suspension lines on the deployment bag.

Fig.16a



Fig.16b



17. Continue stowing the static line until approximately 10 inches remain between the snap link and the last stowage bight.

Fig.17



The repack is now complete...COUNT YOUR TOOLS!