

How to Load a Peregrine UAV Canister

In this pictorial we will show you step by step how to load a PUAUV Canister. This is available for purchase at <https://goo.gl/rn4hne>

IMPORTANT: UNDERSTAND THAT WE MAKE NO WARRANTY THAT THIS IS THE BEST WAY OR THAT IT WILL WORK IN YOUR CASE. YOU TAKE FULL RESONSIBILITY TO ENSURE YOUR PARACHUTE IS PROPERLY PACKED AND THAT IT IS SUITABLE FOR DEPLOYMENT.



Step 1: Gather materials. Canister Lid, Canister, Chute Liner, and Parachute.



Step 2: Prep the parachute to be packed. Visit our help page for “How to Fold an Iris Parachute.” Follow steps 1-22.
http://fruitychutes.com/help_for_parachutes/how_to_fold_a_iris_parachute.htm



Step 3: Insert chute liner into canister. Fold the top over the outside. To protect the delicate canopy fabric the chutes are packed inside a split Nomex liner. This protects the fabric from abrasion. The liner is split down the side so it comes off easily.



Step 4: Begin feeding the chute into the canister, crown first. Tip: It is easier if you place the canister on a surface lower than the table that you are working on. Gravity will aid in loading the chute.



Step 5: Continue to feed chute canopy into the canister until you get to the lines. Flip up ends of chute liner. While holding the chute in place pull up on the liner to make sure there are no folds in the canister.



Step 6: Next ,begin z-folding the lines into the canister. While doing this make sure to not let the Kevlar harness at the end get flipped and twisted through the lines. It can be very hard to untangle this once it happens.

NOTE: Do not wind-up the lines since this can result in a knot!



Step 7: Continue z-folding the lines...



Step 8: Continue z-folding the lines...



Step 9: Once lines are z-folded, fold entire bunch in half.



Step 10: Place folded lines inside. Keep Kevlar harness outside.



Step 11: Gather fabric of liner around the Kevlar harness, leaving the harness out. To help get the cap in place you can pre-press the chute liner and parachute down into the canister.



Step 12: Feed harness through canister lid. Work the cap over the chute liner and engage cap with the canister. Make sure to not pinch the chute liner between the can and canister. After engaging the cap rotate the cap to align the “tick” mark on the cap edge, and the canister notch.



Step 13: Insert the nylon sheer pins into place. You can see the alignment “tick” just below the thumb.



Step 14: Done! ☺ If any screws seem loose you can wrap the cap with masking tape to keep the screws in place.

IMPORTANT: Ground test your PUAUV system before flying it to make sure everything is working well and the parachute ejects cleanly with the lines extended.

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