



Performance Designs

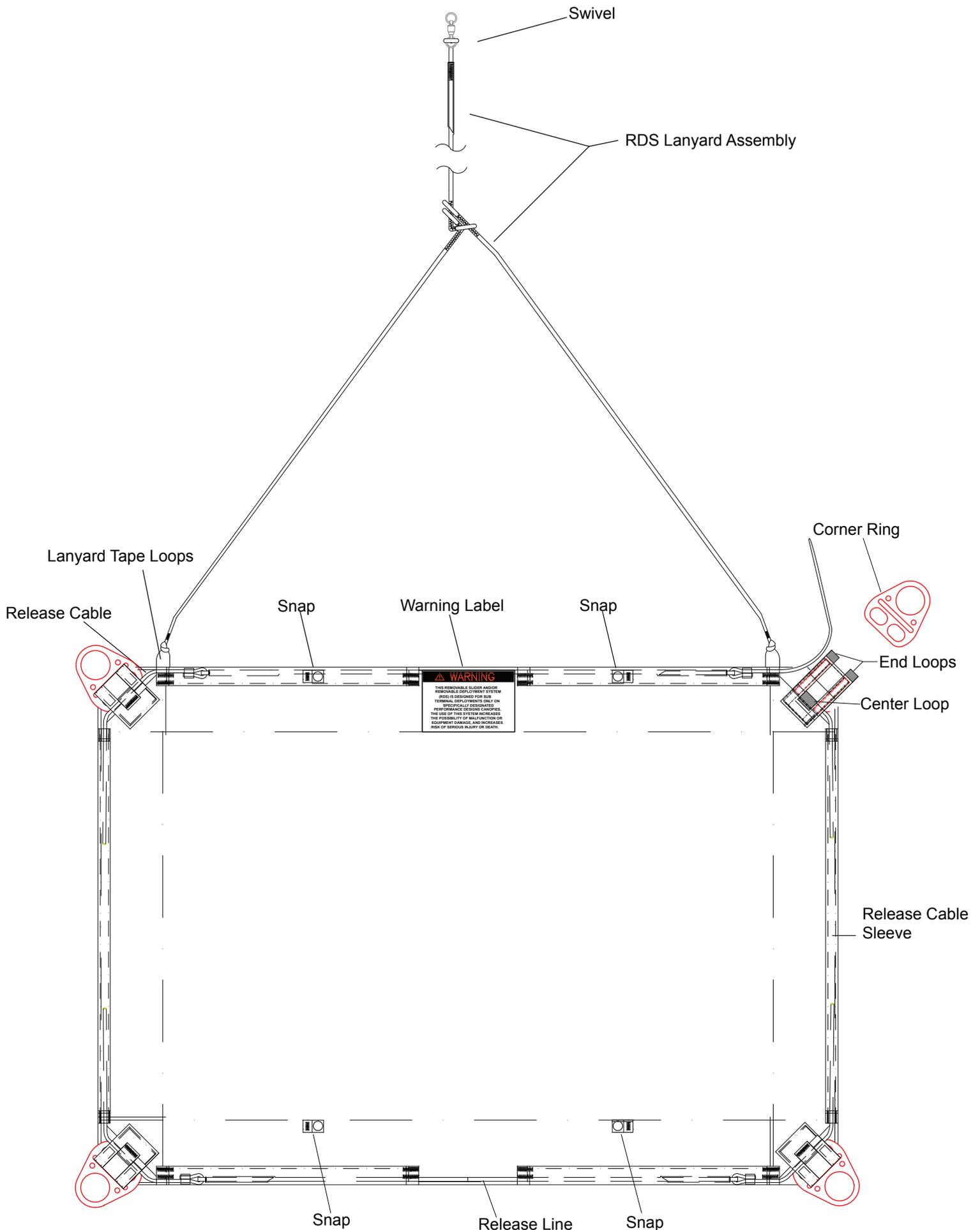
RDS Operational Instructions

Warning!

The RDS slider system was designed and developed to be used only at sub-terminal canopy deployment speeds.

Note!

The RDS Corner Ring design for your slider may be slightly different than the one pictured in this document. However, functionality as well as compatibility of the ring remain the same.



Connecting the RDS System to your deployment system

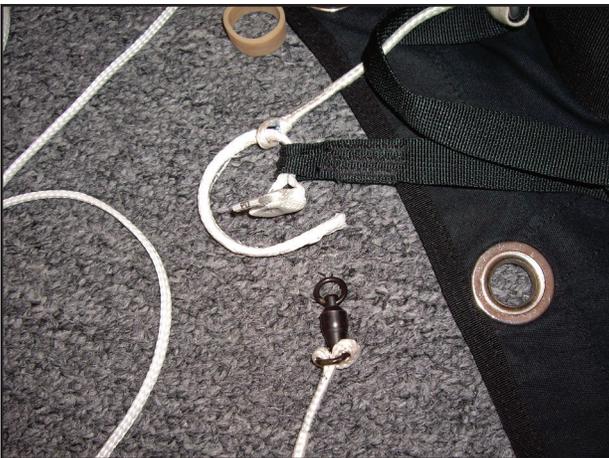


Attach the swivel at the end of the lanyard assembly to the deployment bag using a Slink or Mini-link. Larks head a spare rubber band around the attachment in order to stow the excess lanyard later during packing.

Removing the RDS system from your deployment system:

Full RDS mode (Removes entire deployment system in flight)

Slider only mode (No lanyard, option to remove slider only)



To use the RDS setup in Slider Only Mode, remove the Slink or Mini-link from the d-bag.



Next, remove the longer length of line in the lanyard assembly by undoing the larks head at the point where the lanyard junctions into two lines.



Now remove the two shorter lengths of line from the two trailing edge slider tape loops. Stow these three lengths of line together for future use.



Then simply reattach the d-bag to the pilot chute attachment point on the top skin of the canopy, and the canopy can be deployed normally without the RDS. If desired, the slider can be removed upon deployment.

Snap locations preview



This canopy is equipped with plastic snaps that help secure the slider to the canopy during packing. Two snaps are located on the leading edge tape of the center cell.



Two other snaps are located on the stabilizer perimeter tape, just aft of the C-line attachment points.



On the slider, you'll find four snaps on small tape tabs that will mate with the snaps on the canopy. Pictured are the right side leading edge and trailing edge snaps. (The trailing edge of the slider is identified by the RDS lanyard)



Pictured are the left side leading edge and trailing edge snaps.

Packing Instructions

The following packing instructions will demonstrate how to affix the snaps and when to do so in greater detail.



Flake the canopy as you would in a normal pro pack. Make sure to quarter the slider well up against the bottom skin. Ensure that all slider rings are well seated against the stops and that the RDS lanyard is freely routed towards the tail of the canopy.



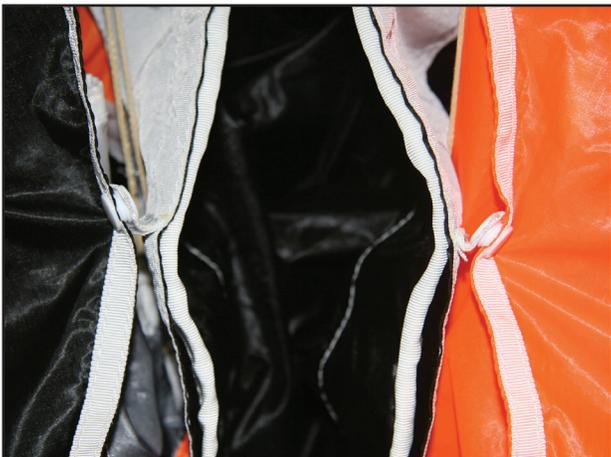
Locate the plastic snaps on the leading edge of the slider and the snaps on the leading edge of the center cell.



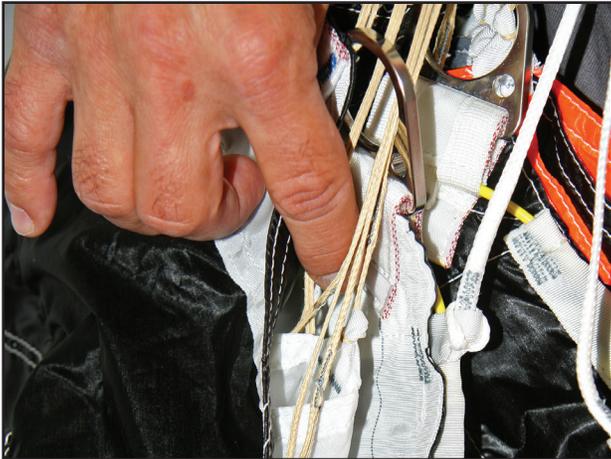
Fasten the leading edge slider snaps onto the canopy's leading edge center cell snaps.



Locate the plastic snaps on the trailing edge of the slider and the snaps on the aft portion of the stabilizer edge.



Fasten the trailing edge slider snaps onto the canopy's stabilizer aft edge's snaps.



Assure that the control lines stay under the stabilizer and do not cross over the snap.



CAUTION!! DO NOT ALLOW THE RDS LANYARD TO GET TRAPPED UNDER THE SNAP. The photo to the left shows an incorrect routing.



Run the lanyard and d-bag over the shoulder while completing the preparation of the canopy and wrapping up the tail during the pro pack.



This photo shows a detailed view of the ring orientation and lanyard position before the tail is wrapped tightly above the rings; as illustrated in the following photo.



After the tail is wrapped, lay the canopy down on the ground with the RDS lanyard and the bag draped loosely to the right as shown here.



Neatly S-fold the excess lanyard around your hand down to the point where the lanyard junctions into two lines. Stow this neat bundle with the rubber band at the bottom of the d-bag.



Keeping the prepared d-bag in front of the stacked canopy, complete the folding/stacking of the pack job as normal.



NOTE: It is critical to route the excess lanyard directly over the middle of the s-folded stack of canopy as it is placed in the d-bag.



After the canopy is in the bag and the lanyard is in position securely, the pack job can be completed as normal with the stowing of the lines.

Post Jump Assembly



Clear the canopy lines as normal and bring the RDS rings towards the canopy as if a slider were attached.



Reset the release cables on the front and back of the slider by holding the yellow ends in each hand and pulling outward to their fullest extent.



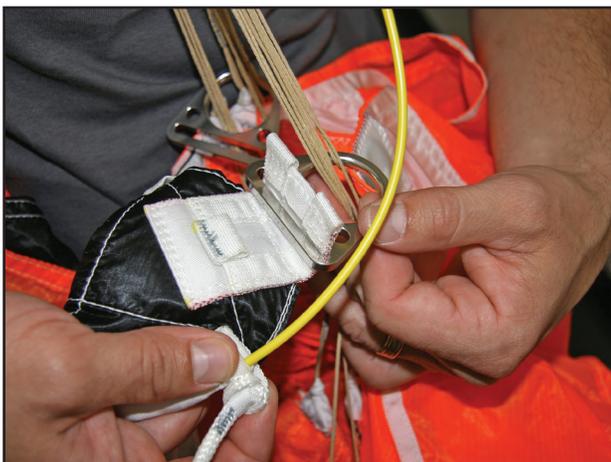
NOTE: Be sure that the release line is taut with no twists between the gap in the sleeves, removing any excess slack.



Orient the slider for ring attachment such that the warning label is readable. The white tape should be facing away with the lanyard coming off the trailing edge running freely towards the tail of the canopy.



Grasp the left rear ring in the left hand as shown; be aware that the lines must run cleanly thru the ring.
NOTE: Be careful not to twist the ring causing the lines to loop around it.



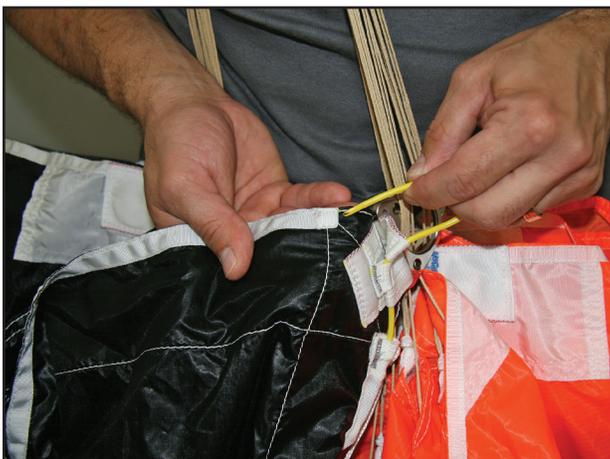
Holding the left rear corner of the slider in the right hand, align the corner tape assembly and insert the tongue end thru the back of the horizontal slot on the ring.



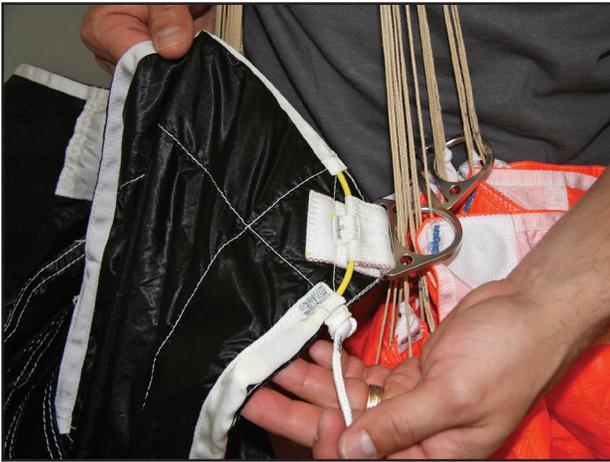
Flip the tape assembly over the end of the ring, aligning the two white end loops with the white tape loop in the middle.



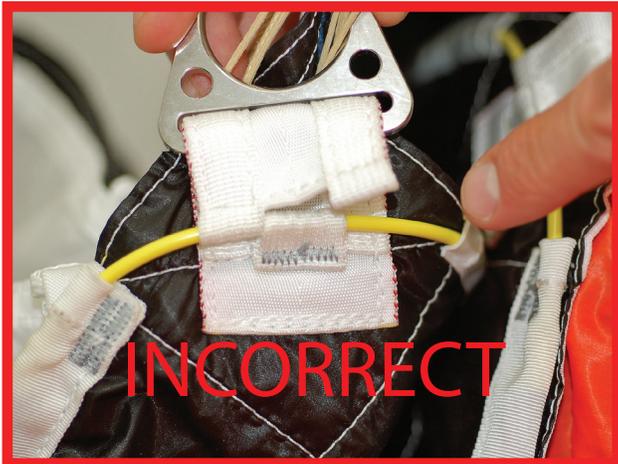
Route the yellow release cable thru all three loops. Make sure not to skip any of the loops in this process.



Fully stow the excess release cable along the edge of the slider into the pin sleeve as shown.



Shown fully stowed.



CAUTION!! ENSURE THAT THE YELLOW CABLE GOES THROUGH ALL THREE TAPE LOOPS. The photo to the left shows an incorrect assembly.



CAUTION!! DO NOT ALLOW THE LANYARD TO GET TRAPPED UNDER THE YELLOW CABLE. The photo to the left shows an incorrect routing.



Carefully trace down the left edge of the slider towards the front left corner and attach the next ring in the same careful manner as before. Ensure that the slider edge is not flipped and appears correctly as shown.



Repeat this process by continuing counter clockwise along the slider edge to the next corner, assembling the ring corners as you go until you've secured all four corners.



Upon complete assembly of all corners, perform a continuity check of the slider by raising the trailing edge up to show all rings and visually tracing your eyes from corner to corner. Check for proper ring and slider orientation.

In Flight Operation



Once you have ensured that the parachute is fully functional, cleared your airspace and pointed the canopy on the desired heading relative to the DZ, locate the leading and trailing edges of the slider in the center of the span (where the release lines are located).



Next, grasp the two release lines in one hand.

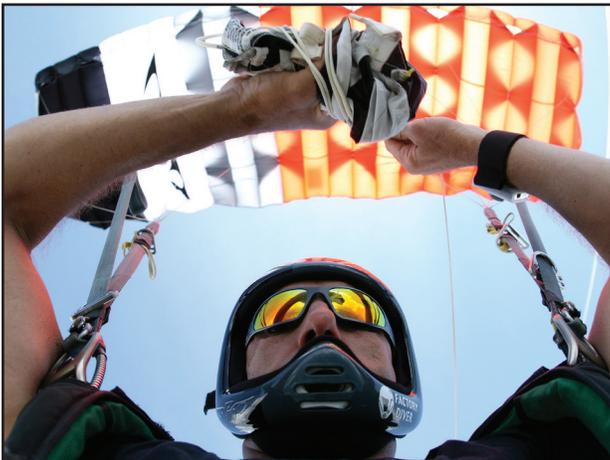


Pull the two release lines simultaneously forward or backward. (Forward shown in photo)

DON'T LET GO! \$\$\$



Keep pulling the release lines until all four corner rings on the slider have fully detached.



Bunch up the slider and reel in the lanyard by wrapping it around the slider.

Note: Be careful not to wrap it around your wrist, as it may get stuck there!!



Continue wrapping until you get to the d-bag, bridle and pilot chute

Photo example 1 of 3



Photo example 2 of 3

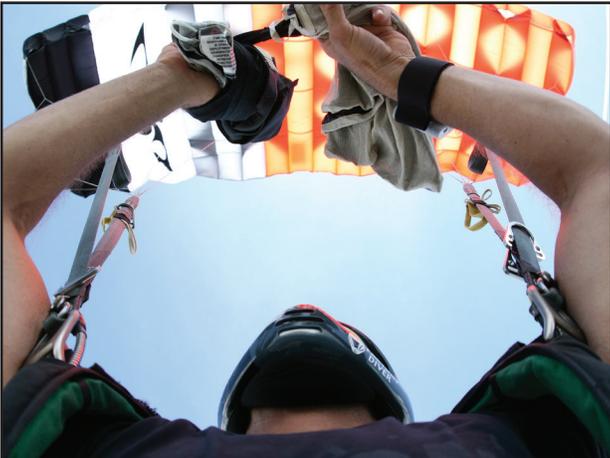


Photo example 3 of 3



Before releasing your toggles, make sure that all four rings have been pulled down to the bottom of the risers.

CAUTION:
Leaving the rings up could interfere with control inputs, causing potential hazards.

You are now ready to release your brakes and fly your canopy.