

FLEX™ Cap Protector

By Bomber Mfg. Inc.

Introduction: The **FLEX Cap Protector** is designed to protect the top edge of your Reflex H/C System's exposed Pop-Top Reserve Pilot Chute from door strikes or other obstacles that might catch under the pop-top cap. Successfully integrated into the **REFLEX II** H/C system as a standard design, this style flaplette proved itself on the original **C-FLEX** Canopy Relative Work Harness/Container system. This simple, field installation instruction sheet will guide you through the necessary steps to install the **FLEX Cap Protector**. *Master Rigger Installation REQUIRED! Please Contact Bomber Mfg. Inc. if you have any questions or need clarification of these instructions BEFORE proceeding.*

Tools needed:

- 1 ea. Marking Pencil
- 1 ea. 301 stitch sewing machine w/ Nylon E-Thread to match flaplette main color
- 1 ea. 308 or Bartack sewing machine w/ Nylon E-Thread to match flaplette binding tape color
- 1 ea. Ruler (T-Square preferred)
- 1 ea. **FLEX Cap Protector**

Instructions:

- 1) On a packed **REFLEX** H/C system, mark a light line following the curve of the upper most edge of the properly tightened Reserve Pilot Chute Cap onto the Reserve Top Flap. *NOTE** The Flaplette Modification should be marked out on a packed reserve container for best results. In the event the rig cannot be packed. Mark a point $3 \frac{3}{4}$ " above the topmost edge of the stainless steel grommet in the Reserve Top Flap, using the vertical Center Line for reference. This mark will serve as Point A. Continue from Step 5 on this sheet if using this method.
- 2) Open the reserve container of the H/C. Remove the reserve canopy.
- 3) Intersect this curved line with a straight center-line running along the vertical axis of the rig's Reserve Top Flap.
- 4) Lay the Reserve Top Flap flat and measure $\frac{1}{4}$ inch towards the yoke (up), from the intersection of the marks you drew on the Top Flap, mark this point. This is Point A
- 5) Using a T-Square or ruler, measure $2\frac{1}{2}$ inches to each side of Point A. Mark each of these positions, they are Points B. Ensure that a line drawn between both Points B is at 90° to the vertical center-line of the Reserve Top Flap.
- 6) Line up the **FLEX Cap Protector** such that the terminal ends of the binding tape rest on the Points B (The taped edges should be positioned in such a manner as to cover the Reserve Pilot Chute Cap once installed).
- 7) Using a 301 stitch, sew the un-taped edges to the reserve top flap, follow the existing stitch line. Ensure that at least one stitch continues off the edge and secures the corners to the Top Flap. Back-sew each end.
- 8) Using a 308 zig-zag (or short Bartack), secure the edges at Points B by sewing across the binding tape width
- 9) Re-close the reserve. Check that the **FLEX Cap Protector** is properly installed and that the left and right corners are not touching the Pilot Chute Cap itself. Installation is complete.

