



#### Inspection

- Before installing the confluence wrap, make sure the zigzag stitching is complete.
- The loop length should be the same as the old loop.
- The confluence wrap must be reinstalled.

#### Main Riser Steering Toggle Velcro® Replacement

- Applicable products: Most main risers with a Velcro® toggle installation
- Description: Replacement of the Velcro® toggle keeper on main risers
- Authorized repairmen: FAA Senior or Master Parachute Rigger
- Materials: E thread, Velcro® of the appropriate width and type
- Machines: 301 straight stitch—medium duty 7–11 SPI
- Equipment: Scissors, seam ripper or scalpel, marking pencil, and 6-inch ruler

#### Procedure

The term “Velcro®” is used in a generic fashion for hook and loop fastener. While the rigger should replace the Velcro® to match the original configuration. This installation has proven superior for its holding ability and the secure line stow configuration.

#### Disassembly

1. Mark the location of the old Velcro®. [Figure A]



2. Remove the old Velcro®.

#### Reassembly

1. Cut a new piece(s) of Velcro® to match the original.
2. Position the Velcro® to the original location.
3. Sew the hook Velcro® with a single-needle machine. Sew an additional row of stitching down the center of the Velcro®. [Figure B] This keeps the center from lifting during use and tearing out the edge stitching.

