

EFFECTIVE DATE: This Service Instruction is effective July 17, 2008

SUBJECT: Skylight Retaining Strips

MODELS AFFECTED: CC11-100 S/N CC11-00001 and Subsequent.

PURPOSE: Skylight Retaining Strips Installation Instructions

PARTS LIST:

PART NUMBER	DESCRIPTION	QTY
SC23021-001	Skylight Retaining Strips	2
HDW-S4R.25TA	Screws	40

INSTRUCTIONS:

1. From inside the cockpit, locate rivets (tail end) on the flange of wing rib. Put tape on inside of skylight to mark **halfway** between rivets. See Figure 1.

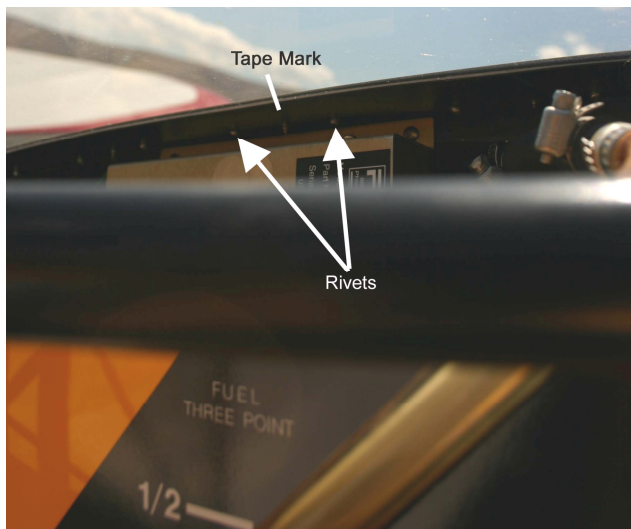


Figure 1 – Rivet Locations

2. Remove top screws of the leading edge fairing. Remove outboard screw of the turtledeck flange.
3. Tape Retaining Strip in place, pushing inboard. Slide Strip under leading edge fairing and turtledeck flange. Align aft edge of strip with the turtledeck flange. See Figure 2.

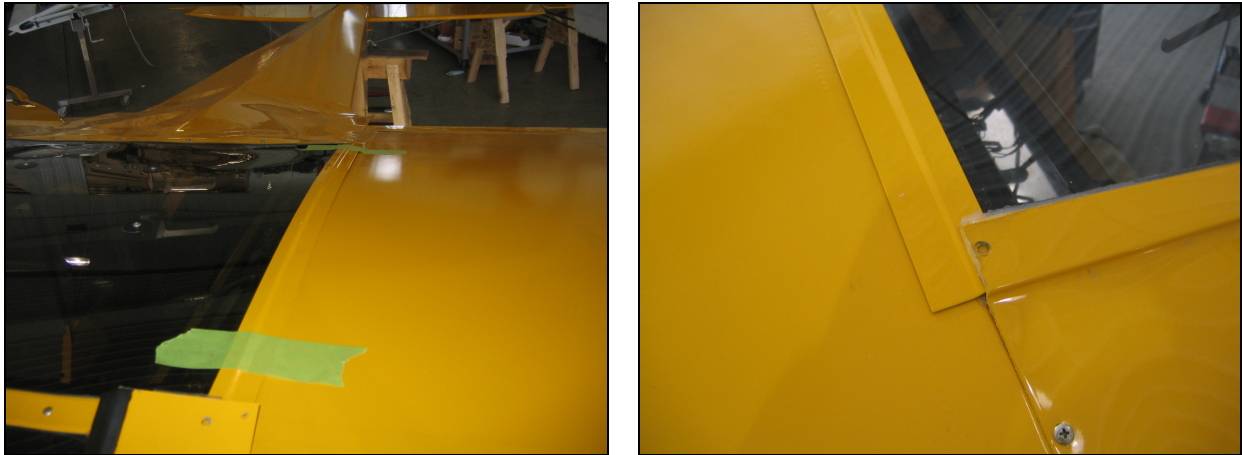


Figure 2 – Retaining Strip Location

4. Place masking tape to outboard flange for laying out measurements. See Figure 3.

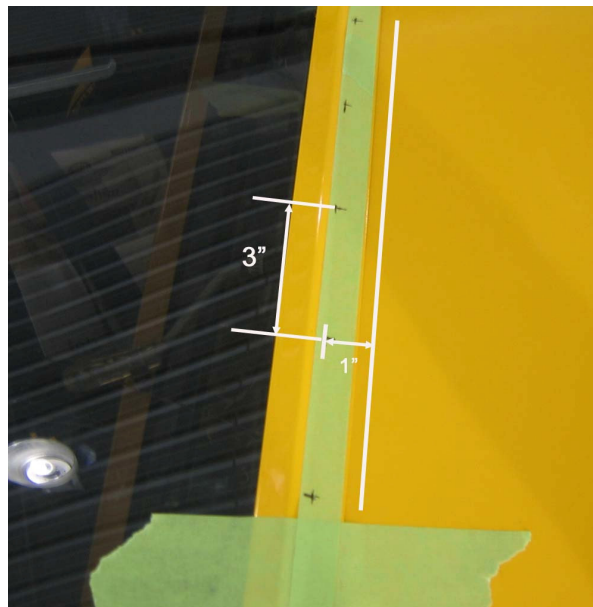


Figure 3 – Masking Tape for Measurement

5. Measure 1" inboard of rib flange edge. Flange edge is under the fabric and will be near the edge of fabric tape edge. See Figure 3.
6. Mark directly across from tape mark (on skylight) and then measure 3" both forward and aft of tape. Lay out holes (3" spacing) on entire length of Strip. See Figure 3.
7. Mark location of leading edge fairing holes, as these screws will now go through the Strip. Do the same with the turtledeck flange screw hole.
8. Remove Strip and measure distance of marks from the edge of the Strip. After finding the average spacing, make new marks so the screws will be in a straight line.



SERVICE INSTRUCTION SI0013

Page 3 of 3

9. Drill holes at marked locations with a #40 drill bit. Deburr back side of Retaining Strip.
10. Tape Strip back in place, pushing inboard. Match drill into rib flange using a #43 drill bit. Install with #4 screws. Working forward and aft from center, ensure Retaining Strip lays flat and install screws.
11. Reinstall leading edge fairing screws and Turtledeck screws.
12. Repeat all steps for installation second Retaining Strip on other side of Skylight.
13. After installation of both Retaining Strips is complete, apply silicone to any areas that were unsealed during Retaining Strip Installation.