

RETRACT SERVO ACCESS HATCH

This small hatch allows easy access to connect the retract push rod ball links to the servo wheel. If you transport your Sabre with the wings removed, this access is particularly handy

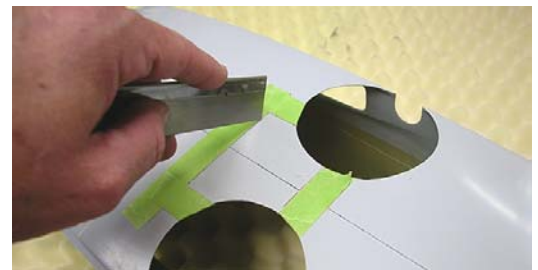
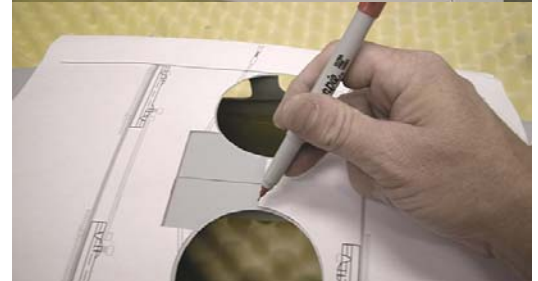
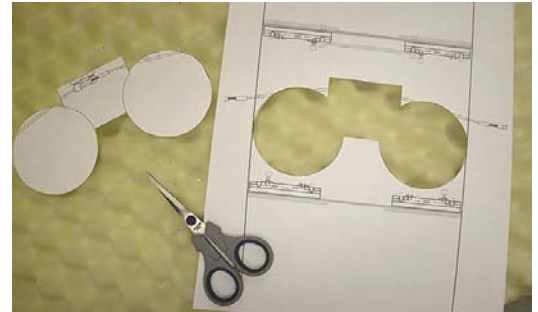
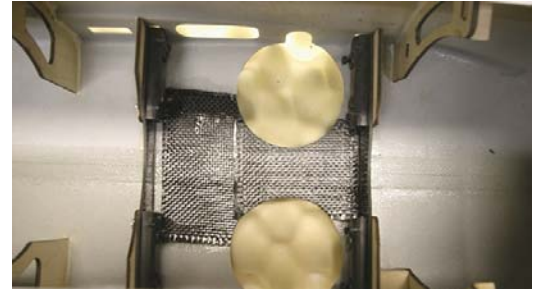
- Sand the area to be reinforced with 80 grit sandpaper.
- Reinforce the area between the main spars with a layer of 6 ounce carbon cloth using epoxy resin such as Pacer's PT-40 Finishing Resin.
- Trim the excess from the wheel well openings and sand the cured material with 80 grit sandpaper.

- Cut the template that is provided as shown, place into position over the main tire wells and transfer the outline of the access hatch onto the model using a felt tip marker or pencil.

- Place strips of masking tape along the lines as shown.

- Carefully score lines into the fiberglass by pulling the blade towards you in one direction. The masking tape and a straight edge will act as guides for the saw blade. Use a sawing motion to cut through the glass and carbon skin. Finish up the corners with a razor saw blade.

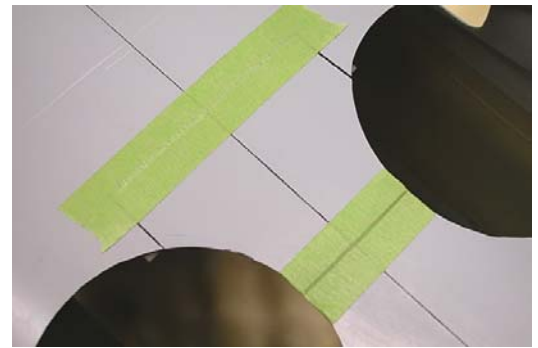
- Sand the .020 poly ply pieces with 220 grit sandpaper. This will remove the laser burn marks and prepare for gluing. Glue the hatch tab onto the hatch leaving approximately 3/16" overhang.



- Prepare the inner surface of the hatch by sanding the carbon cloth with a BVM Scuff Board.



- Tape the hatch into position.



- Tack glue the .020 poly ply "C" section spacer into position around the hatch tab making sure not to get glue on the hatch tab. Remove the hatch and final glue the spacer to the model.



- Glue the poly ply doubler into position over the space aligning their outer edges. This will leave approximately a 3/16" lip inside the hatch line as shown at right. Use a Dremel drum sander to sand away any protruding edges of the material in the wheel wells.



- Glue the 1/8 ply tab to the aft edge of the hatch opening using ZAP A GAP. Clean up the edges of the lip of the opening with a scuff board if necessary.



- Place the hatch into position and drill two 1/16" holes at the rear of the hatch and install the 2-56 x 3/16" button head SMS.

