



Instrument panel instructions:

1. Fit Panel in the glider drill all mounting holes and install in glider.
2. Make sure the panel cover fits and close the canopy.
3. Remove panel.
4. Sand front of the panel with belt sander 80-120 grit to get large imperfections out and flatten
5. Draw instruments and mounting hole centers on the front of the panel with a fine tip sharpie pen. Instrument holes per drawings 510000  
<http://www.craggyaero.com/Drawings/Instrument%20Hole%20Templates.pdf>  
and Ultimate drawing or other instrument drawing.
6. Center punch holes and drill 1/16" pilot holes.
7. Lay panel flat on face on a piece of plywood and drill from the back with a drill press. Drill the large instrument holes with a 2 1/4" or 3 1/8" hole saw (Home Depot). Mounting screw holes .170" dia.
8. Lightly sand edges and burr holes.
9. Install panel in glider with instruments installed to assure clearance and fit
10. Remove from glider, remove instruments spray panel with Rust-Oleum MultiColor Textured. Available at (Home Depot)
11. Heat oven to 200 deg F. **Turn oven OFF!!!!!!!**
12. Place painted panel in oven and leave until oven cools.

I sand the fiberglass panel front with a belt sander to get to the raw fiberglass. Then draw with a fine sharpie pen a center line on the panel. Using triangles, a compass, parallels and the hole instructions from my web site I draw the instruments on the panel. Center punch the hole centers and pilot drill with a 1/16 drill. Make sure you are very accurate with the hole punch and pilot drill. Cut out the LX9000, Ultimate LE or other instrument with a jig saw. Cut inside the line and use files to make it exact. Drill all other holes from the back. Use a hole saw to cut the instrument holes drill from the back.

Bur and clean and install in the glider with the instruments, to check the fit. Spray the panel with Rust Oleum textured finish (Home depot), heat over to 200F turnoff the oven. Place panel in the oven and let it cure and cool.



If you want it black after the texture use:

