



Diamant Replacement Canopy

The left one is Pierre's original, the right Art's new one. I now learned Art's new canopy was formed on top of another original. This new canopy was blown by Ray Poquette and replaces the "Cowley Canopy" which was on the ship when Art acquired it.

Note the ship's original canopy was broken in a trailer accident when the trailer rolled over while being towed. The new canopy is blue tinted and has a UV protective filter. The mounting and fit

of this new canopy is quite nice and returns the ship's appearance to the original design.

According to Art, there are 100 brass screws which hold the canopy onto the canopy frame. Each hole had to be drilled to match the existing hole in the canopy frame then countersunk, and finally deburred. Additionally to mount the canopy on the frame a seal had to be made of foam insulation and then masked off, to prevent the epoxy from running down the interior of the canopy as it dried. There is also a sliding vent with a "blast door" on the left side of the canopy to provide additional cooling and ventilation to the cockpit area when the canopy is closed.

Art says the price of the replacement canopy was in the area of \$1,600, 1994 dollars... and that is without the installation and mounting which he accomplished by himself under the supervision of a certified IA (Inspector of Airframes).

Just one of many "Buyer Beware" things Art found before getting it back to Certified Air Worthy condition.

