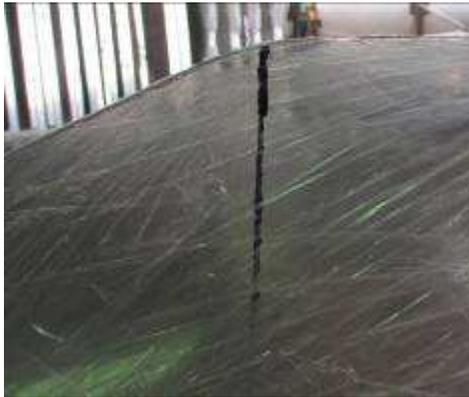




Canopy upside down on workbench.



Front right



Front left

With a marker, mark the bottom corners of the bubble.

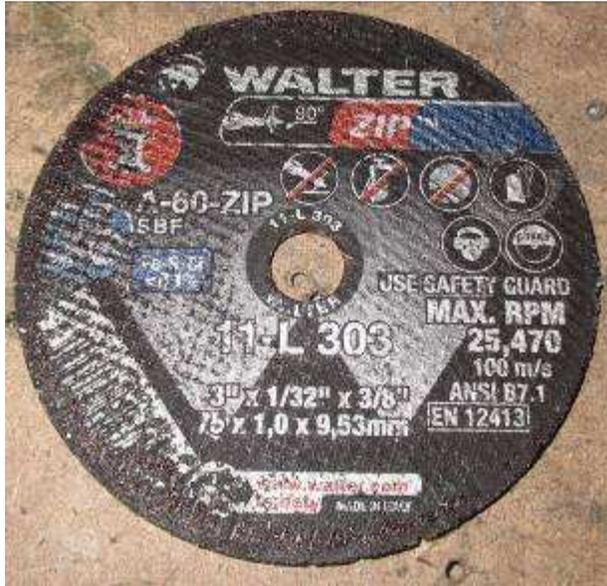
**FRONT CORNERS**  
**1240mm** perimeter distance measured along front edge between left and right front corners.

**SIDES**  
**1370mm** distance along edge between front and rear corners (left and right are the same)

**REAR**  
**1780mm** perimeter distance along rear edge between left and right rear corners.



Rear right mark. The shorter perimeter distance is the front. When looking at the bubble from the side, note the front bottom edge is cut on a steeper angle than the slope at the rear.



Cutting wheel



Support the sides of the bubble to keep it from spreading open.



Hand grinder



Cut-off

REAR – measure up 290mm along CL and 520 from CL along the bottom edge (left and right). Connect the 3 points with a flexible straight edge.



Support strip (positioned on the cabin-side of the instrument panel) to keep the front edges of the bubble even with top of the fuselage sides.



Let the back the bubble overhang on the outside of the fuselage.



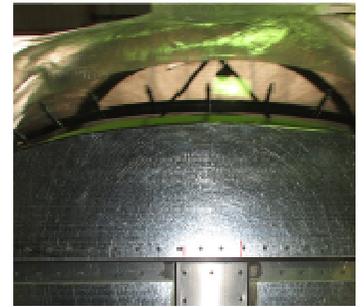
The front corner is approximately 20mm forward of the instrument panel



Slide a strip across fuselage to the support the front edge of the canopy



Push the left and right sides of the bubble against the side frame, sight across the firewall and instrument panel and mark a point approximately 40mm below the top skin on the aircraft center line.

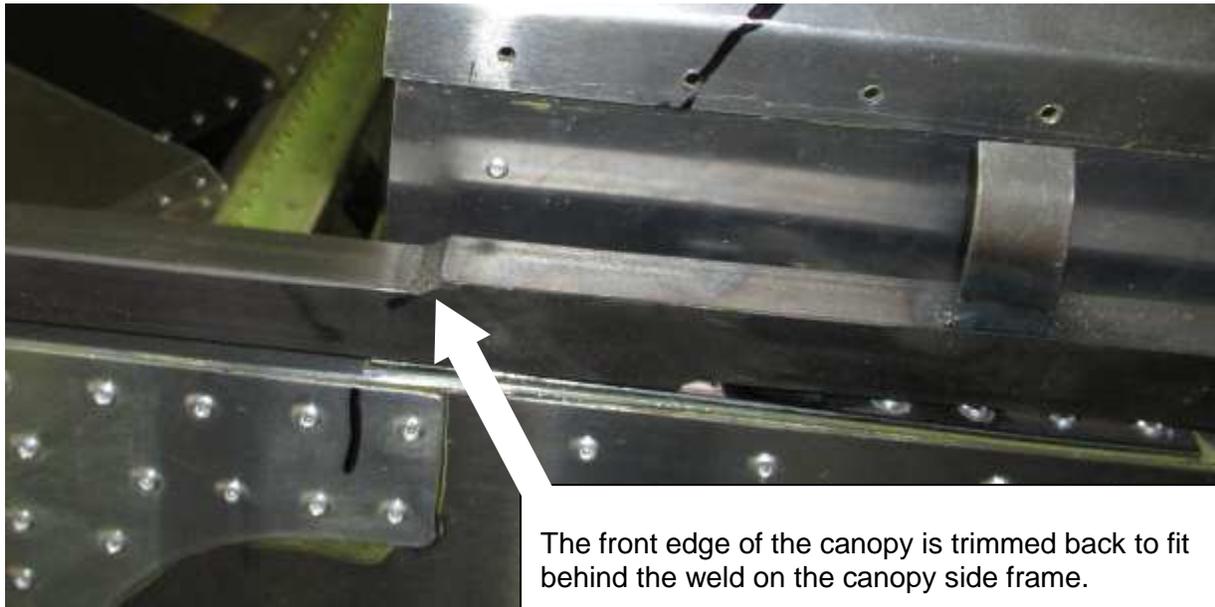


Sight across the firewall and instrument panel to place a point on the bubble.

**CHECK** keep holding the sides against the side frame and check the distance from firewall to bubble is approximately 190mm



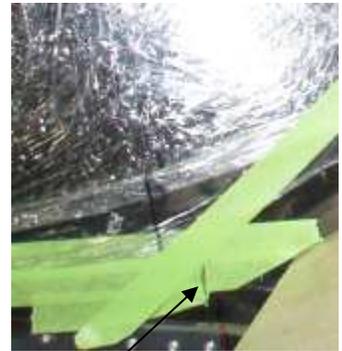
With the canopy 190mm behind the firewall, it will open with adequate clearance with the top skin



The front edge of the canopy is trimmed back to fit behind the weld on the canopy side frame.



Mark the location of the weld with a vertical line. Mark the cut even with the top of the canopy side frame



Vertical line to mark location of weld..



Flexible straight edge to connect the 3 points along the front of the bubble.

Check: Sight across the firewall to make sure the line is not above the instrument panel.

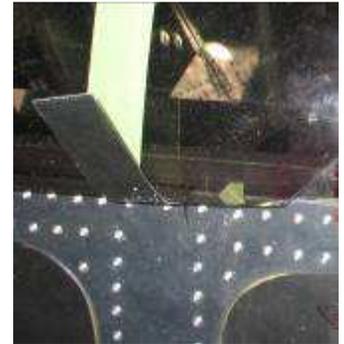
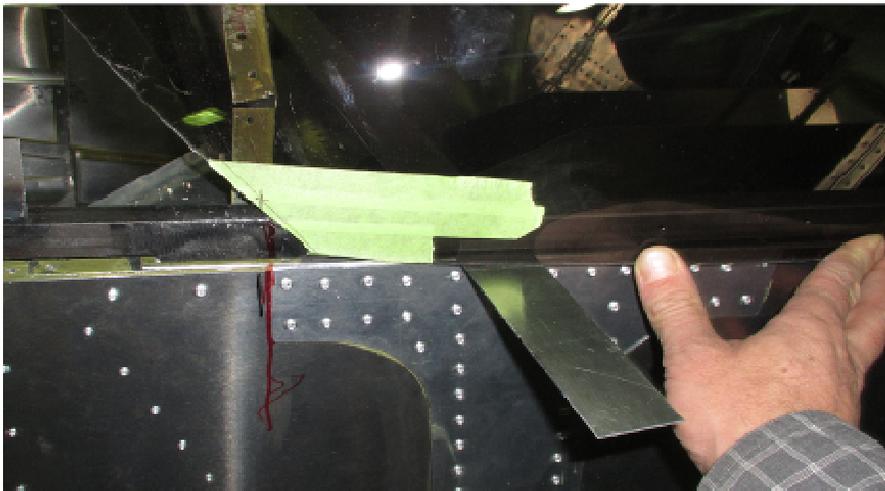


Front edge after trimming



To cut the canopy on the fuselage, raise the canopy with a board across the fuselage.

Cut along the bottom edge of the tape line. Tape is used to make the line more visible.



Bottom edge is even with the fuselage sides.

Next, trim the sides.



Center the bubble on the rear tubes.

40mm line Reference on left and right side.



Trim the sides even with the top of the fuselage.



Trimming with the bubble on the fuselage.



Mark the cut line between the 2 tubes.



Remove the bubble from the fuselage and cut.



Connect the point with a flexible strip, then add the tape line.



Front canopy



Rear canopy



Make the edges smooth.