

F-28F Window Installation

1. Fit acrylic window to cabin cut-out by using a pattern or by holding the window over the opening, marking the size with a line and taking progressive cuts so as not to have the final size too small.
2. Secure the finished sized window in place using clamps and tape.
3. Mark the placement of the attach holes in accordance with the drawing.
4. Drill the attach holes using a #18 Plexiglas drill. Drill the hole through the acrylic and all the way through the fiberglass cabin. Use clecos to hold the window in place as the drilling progresses.
5. After all the holes are drilled remove the window. Use a unibit to enlarge the holes to .400.
6. Use a drill grind stone mounted in a die grinder to chamfer the edges of the hole on both sides. The chamfer should be approximately .050 on both sides of the hole.



7. Install the window in adhesive using with G-8 tinnerman washers and AN507-7 screws with nuts and washers to secure the window.

G-8 TINNEMAN WASHERS
Part #: 01-01858



(Click image for a larger view)

In Stock

Quantity: **\$0.29/ea**

Current Sub-total: \$0.29

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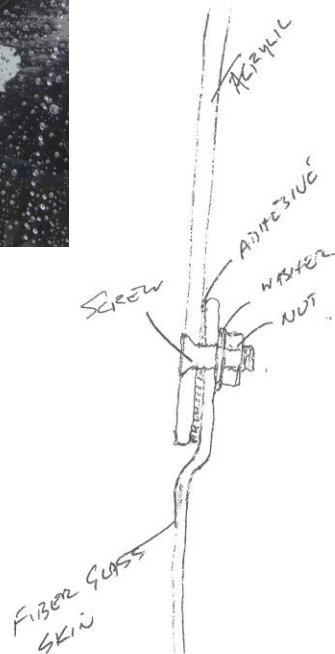
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A No. 8 "Tinnerman" style washer with the same O.D. as a No. 10 (0.75). Great for those oversize holes in fairings. Unlike the No. 10 washer with a No. 8 screw, these washers will tighten down on the fairing (not bottom out on the cone) thus providing the proper "clamp up" between the fastener and the fairing.

The G-8 washers are Made in the USA from 304 (1/2 hard) Stainless Steel and are machine tumbled for a shiny finish.

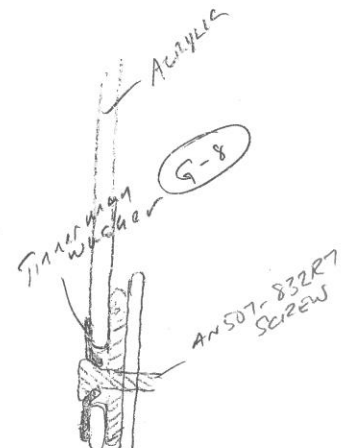


CURRENT PROCESS



SCREW CONTACTS SIDE OF
HOLE AND CRACKS THE
GLASS FROM VIBRATION OR
EXPANSION

PROPOSED PROCESS



~~A3135-017-24A (#6)~~

~~A3135-028-21A (#10)~~

G-8 HAS OUTSIDE DIAMETER
OF 1/10 WITH HOLE FOR
#8 SCREW

WASHER USES PRESSURE
TO HOLD ACRYLIC AGAINST
ADHESIVE BUT DOESN'T
CRACK GLASS