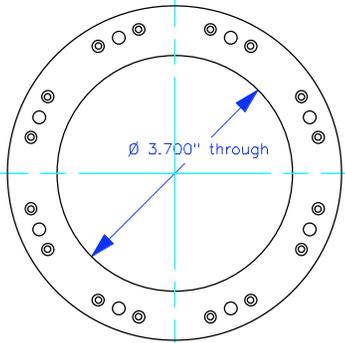


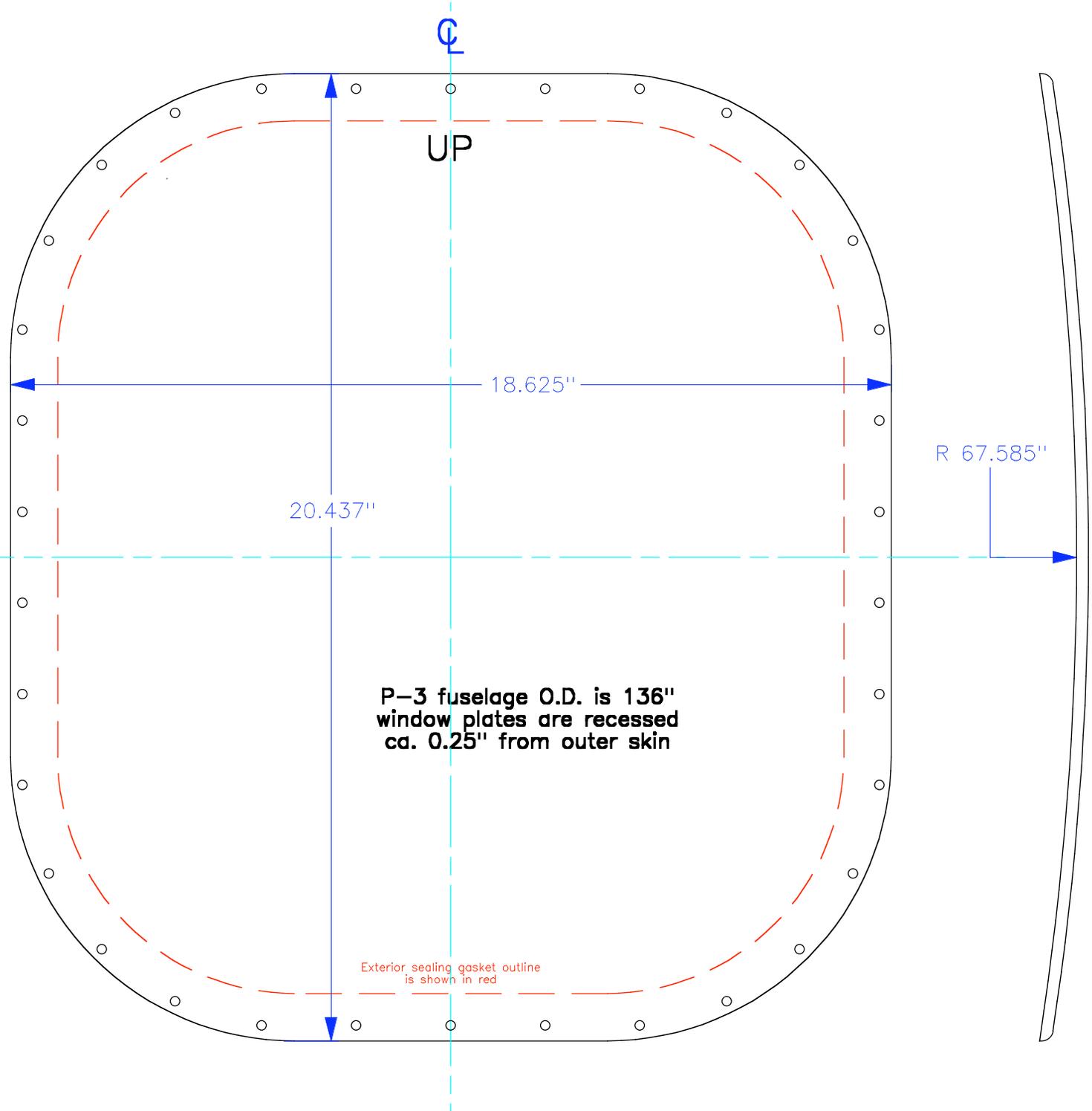
# 2006 Sta.XX window plate

view from interior

standard flange window prep  
(see detail for dims.)



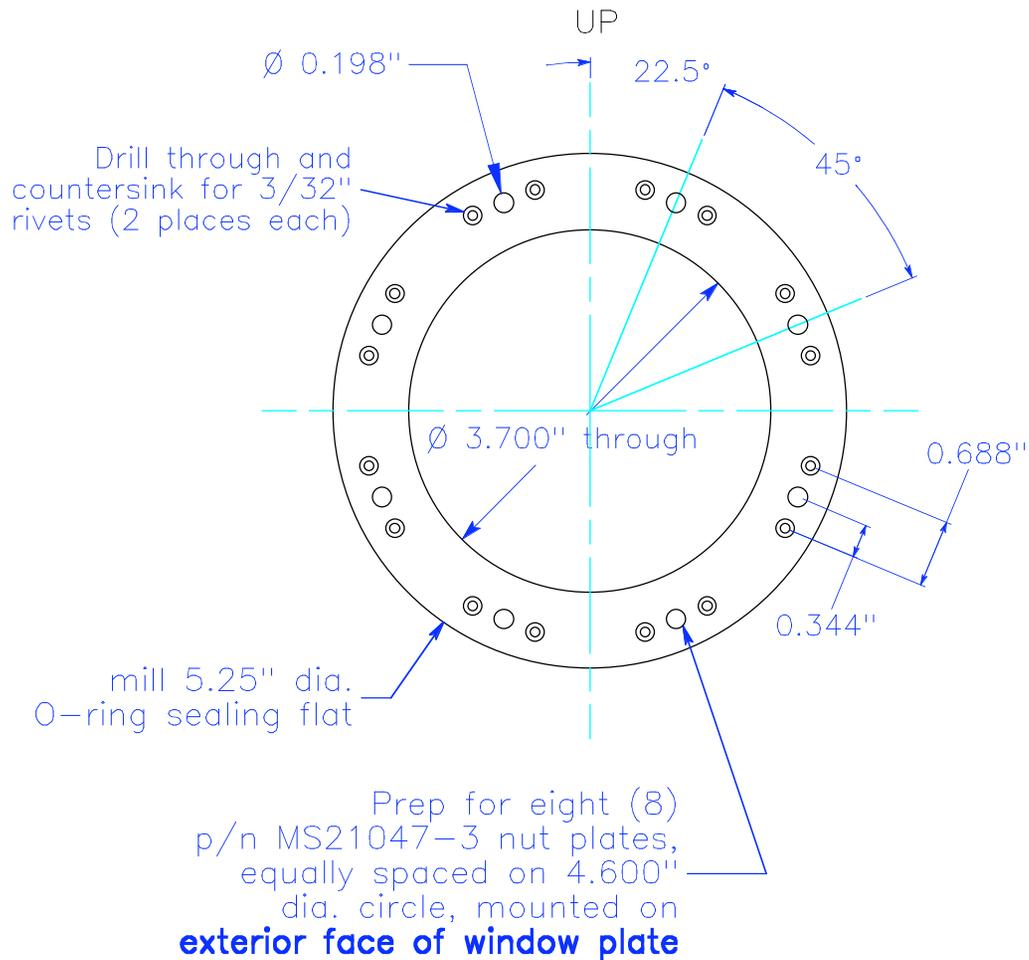
accepts Swagelok p/n  
SS-600-1-OR-BT fittings



## window prep for standard flange

view from interior

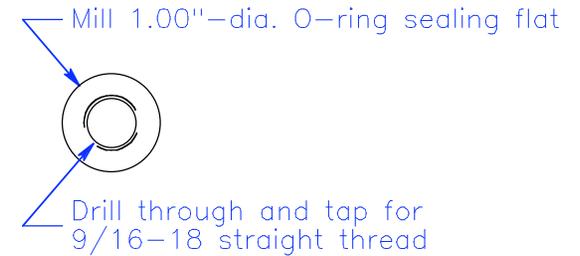
accepts eight MS21047-3 steel 10/32 nut plates (3/32" rivets)



## window prep for 9/16-18 male connector fitting

view from interior

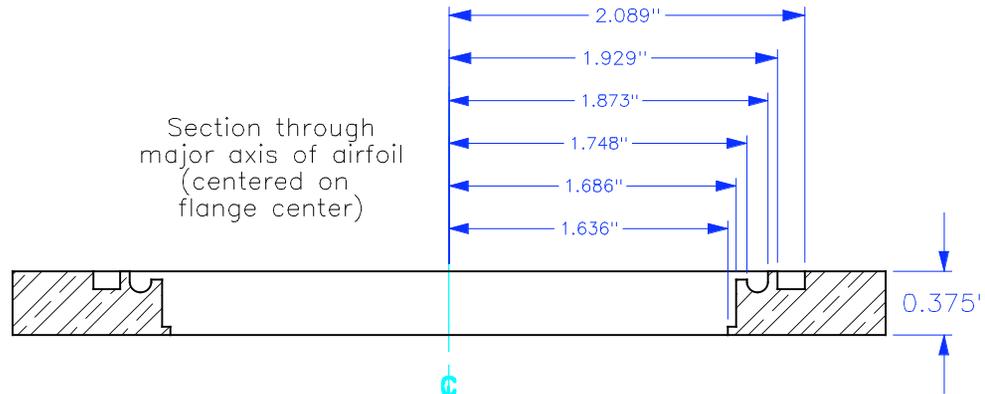
accepts Swagelok SS-600-1-OR-BT fitting



# WP-3D standard inlet flange

4130N steel aircraft flats, 8"x8"x1/2" stock  
 Robin Materials, Inc.  
[www.rmat.com](http://www.rmat.com)  
 (650) 966-1533

for Wicks Aircraft streamline tubing  
 p/n SL33-14-4  
 3.372 major axis nom.  
 1.429 minor axis nom.  
 0.343" chord fwd. of CL  
 0.049" wall nom.

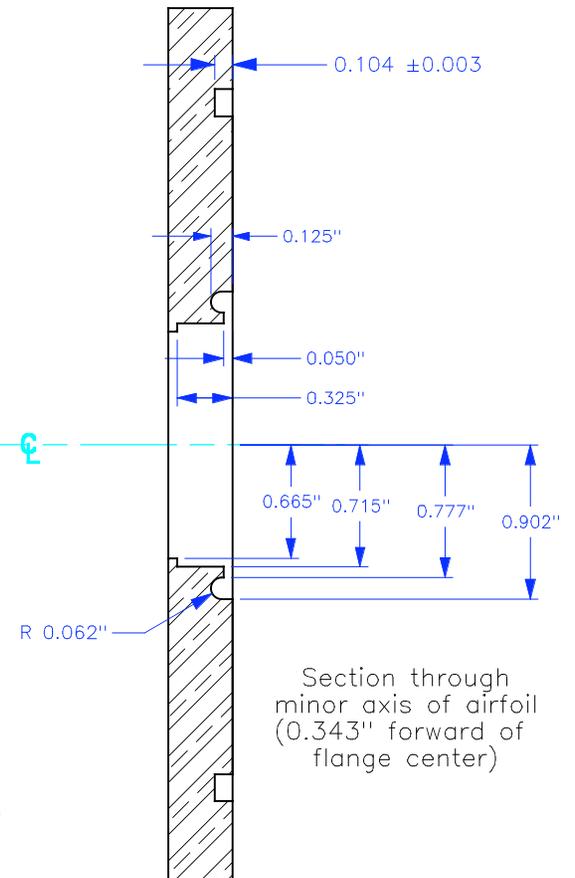
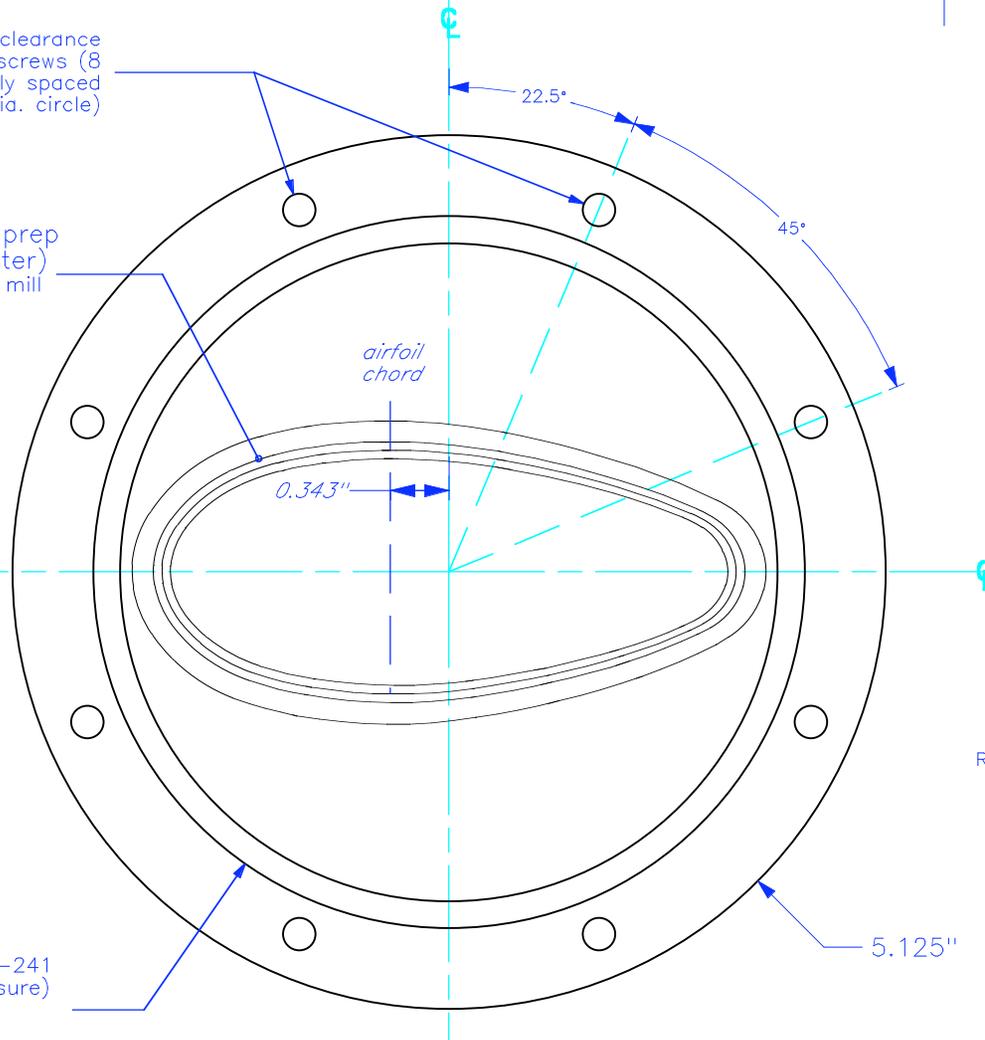


Drill through clearance for 10-32 screws (8 places, equally spaced on 4.600" dia. circle)

SL33-14-4 tubing weld prep (centered on flange center) groove using 1/8" ball-end mill (see cutaway detail)

Note: all tapped holes must be drilled through

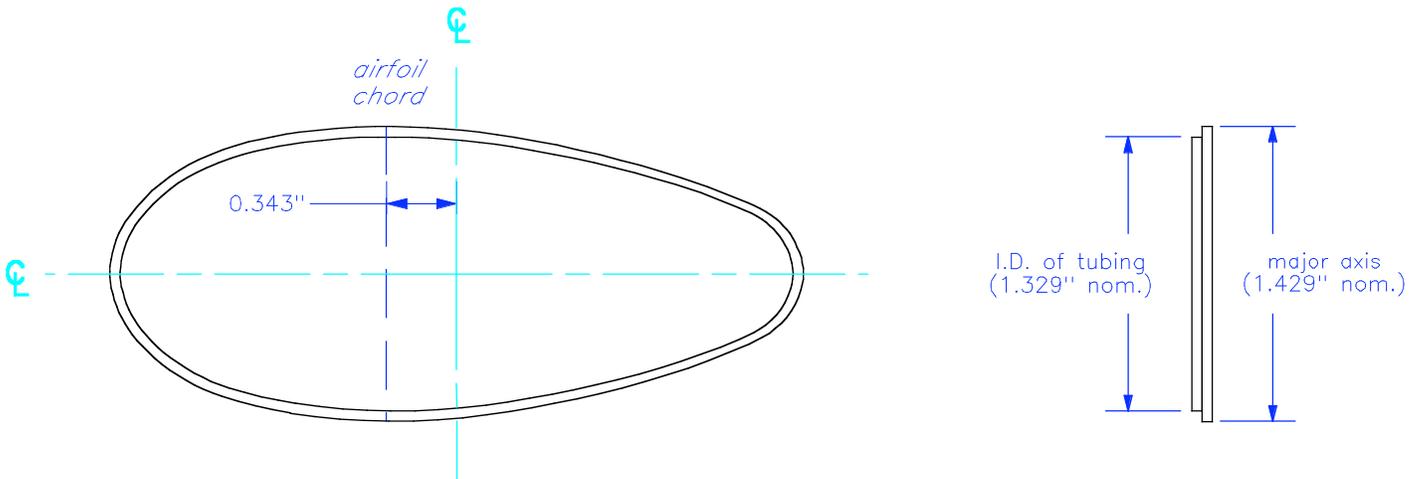
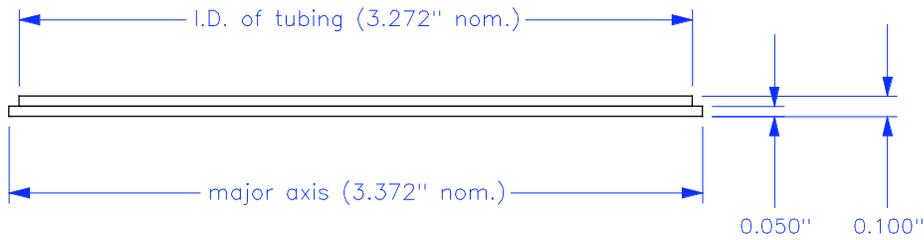
Groove for Parker #2-241 O-ring (internal pressure)  
 I.D. = 3.859"  
 O.D. = 4.179"  
 depth = 0.104 ± 0.003"



# WP-3D standard end cap

4130N steel aircraft flats  
Robin Materials, Inc.  
[www.rmat.com](http://www.rmat.com)  
(650) 966-1533

for Wicks Aircraft streamline tubing  
p/n SL33-14-4  
3.372 major axis nom.  
1.429 minor axis nom.  
0.343" chord fwd. of CL  
0.049" wall nom.



Standard flange — blank  
0.25" thick 6061 Al

