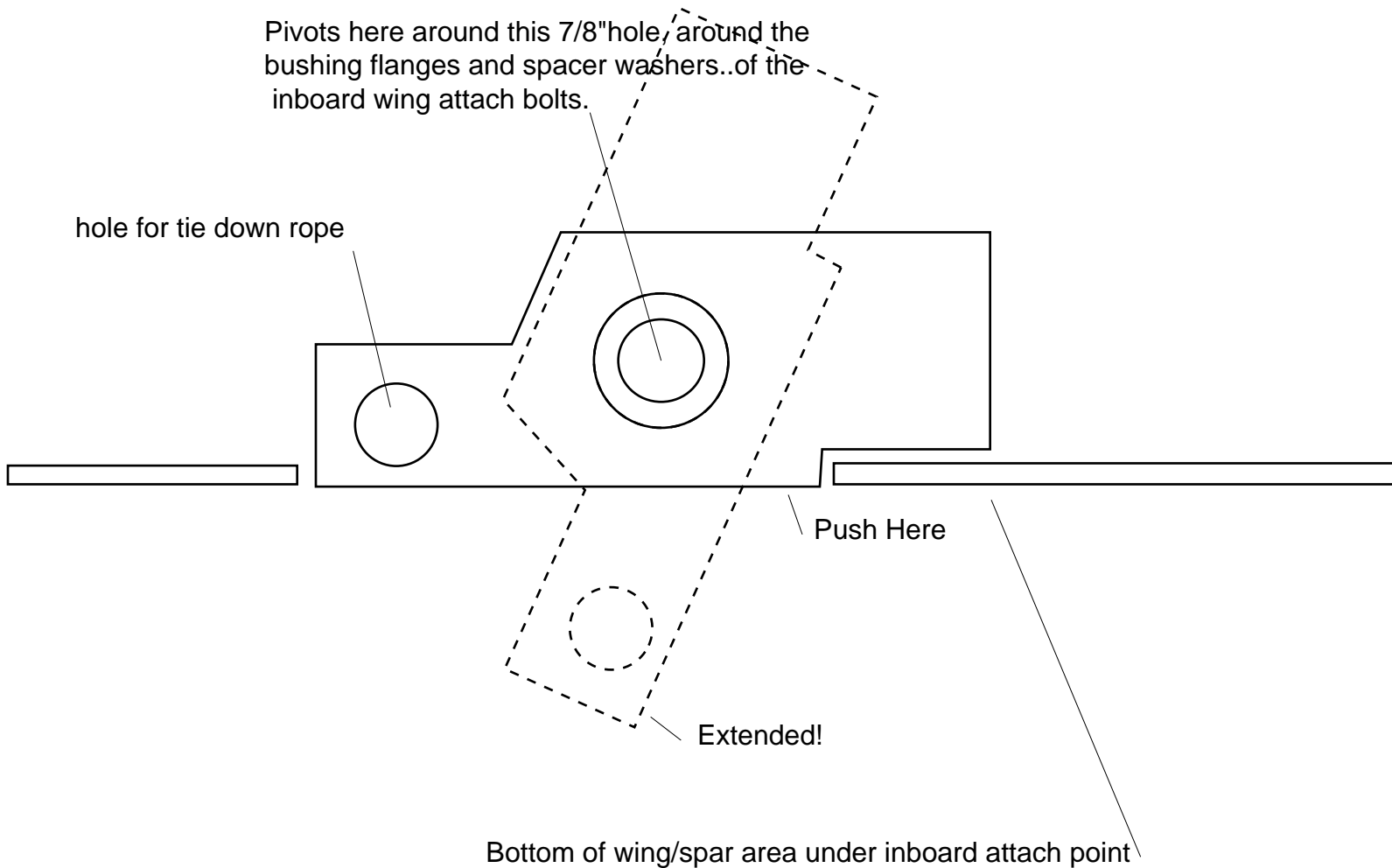


## The Better Self Retracting EZ Tiedown.

It is a metal plate that sits inside the space between the wing and spar, when you need it just push up with a coin or long fingernail on the "P" point... extend the attach point and tie down! Drawing is to scale for mine, your will be slightly different, fit 'em fast, use an air die grinder! The part of the plate to the right in the drawing is heaviest, so it retracts, unless you pull a lot of -Gs.



Cut the shape below out of 1/8 al. or stainless steel for the purist...round the edges pleasantly, ( hard to be really unpleasant when mutilating metal... ) Then take your big step drill and cut the two holes, the big one is 7/8 in. and the plate pivots around it, using the washers you spaced your wing alignment with, or the bushings if you have no washers, as an axle. It should be loose, easily rotating. Before you install the wing, hold the plate in place and mark the wing and the spar and notch them to accept the plate. The only material you should notch is the fairing flanges you joined the wing and spar with and then cut them apart to make that neat straight line between them. Don't sand into the shear web.

I got some little snap clips from a boat shop to attach my ropes to the smaller hole, threading a tie down rope through there makes the idea seem a whole lot less clever! Good luck

Robin du Bois  
Cozy 22az