

Instructions for the 35 Star United States Flag Inlay Pen Kit



THE BLUE HALF BARREL REQUIRES 35 STARS. 40 ARE INCLUDED WITH THE KIT SO YOU CAN AFFORD TO LOSE OR BREAK A FEW YOU'LL NOTICED THAT THE STARS HAVE A SLIGHT TAPER TO THEM. FOR THE BEST POSSIBLE FIT INSERT THEM IN THE BARREL UPSIDE DOWN (THE SMALL END WILL GO IN FIRST). BEFORE YOU START GLUING, SUPPORT THE BLUE HALF BARREL WITH THE BRASS TUBE. THIS WILL ALLOW YOU TO APPLY ENOUGH PRESSURE TO THE STARS WITHOUT CRUSHING THE BLUE BARREL. BRUSH WATER-THINNED YELLOW GLUE IN APPROX. 4-5 STAR RECESSES AT A TIME. HAVE A BUNCH OF STARS READY TO POKE GENTLY WITH AN EXACTO KNIFE (SEE PICTURE) AND DIP THE BOTTOM INTO THE YELLOW GLUE AND THEN ALIGN WITH THE RECESS. USE YOUR EXACTO KNIFE AS A ROLLER TO PRESS THEM IN MAKING SURE YOU GET THEM AT LEAST FLUSH WITH THE BARREL SO THEY WON'T DISAPPEAR WHEN YOU'RE TURNING THE BARREL TO FINAL DIMENSIONS. USE THE THINNED GLUE LIBERALLY AND DON'T WORRY ABOUT SQUEEZE OUT YOU SHOULD GET PLENTY. ALLOW A COUPLE OF HOURS FOR THE GLUE TO FULLY SET UP WITH IT BEING THINNED, IT WILL OBVIOUSLY TAKE A BIT LONGER. SLIDE THE BRASS TUBE INSIDE THE WHITE STRIPE BARREL. NOW FIT THE BLUE STAR BARREL AND THEN POSITION ALL THE RED STRIPES. DON'T GLUE ANYTHING JUST YET SECURE EVERYTHING WITH THE PROVIDED ELASTIC BANDS. NOW WE'RE GOING TO REMOVE THE BRASS TUBE AND PUT 2 MORE ELASTIC BANDS END TO END AROUND THE ASSEMBLY. THESE WILL KEEP THE BLUE PIECE TIGHT TOWARD THE CENTER. NOW WE'RE GOING TO GLUE THIS TOGETHER USING THE SAME THINNED OUT CARPENTERS GLUE. BRUSH IT LIBERALLY OVER ALL THE SEAMS INSIDE AND OUT WHEN THIS IS FULLY CURED SLIDE THE BRASS TUBE INSIDE THE ASSEMBLY IF IT DOESN'T FIT SAND WITH A PIECE OF 220G SANDPAPER WRAPPED AROUND A DOWEL UNTIL IT DOES. USING 2-PART EPOXY GLUE THE BRASS TUBE INTO THE ASSEMBLY AND ALLOW TO FULLY CURE. SAND THE ENDS FLUSH. DON'T USE A BARREL TRIMMER FOR THIS. MOUNT ON THE LATHE AND TURN TO THE FINAL DIMENSIONS.



FINISH WITH YOUR USUAL FINISH. NOTHING SPECIAL REQUIRED FOR THESE INLAY KITS.
E-MAIL ME AT [KALLENSHAAN@COX.NET](mailto:kallenshaan@cox.net)
WITH ANY QUESTIONS REGARDING THIS
KIT OR SUGGESTIONS FOR FUTURE KITS.

Basic Assembly Instructions for the Confederate Flag Inlay Pen Kit



We're going to be gluing the pieces of this kit together with thinned out yellow carpenters glue. Start by sliding the blue cross onto the brass tube Fig1. Now, using an exacto knife or other sharp pointed hobby knife, pick up the stars one at a time, dip them partially into your thinned out yellow glue and fit them into the recesses in the blue cross. Slide the brass tube back and forth to prevent sticking. Once all



the stars are glued in, slide the cross off the brass tube and allow to dry. Once dry, slide the cross and the large red section back

onto the brass tube. Secure with 1 elastic band positioned at either far end of the assembly. Carefully slide the two longest white V-shaped strips in between the red and blue pieces. Once these are in position, move the elastic band to the center of the assemble. Now position the smaller V-shaped white strips and red end pieces in place and secure with elastic bands. Carefully slide the brass tube out of the assembled section. Position another elastic band end to end to apply pressure toward the center which will keep the 2 end pieces tight up against the center. Brush on thinned out yellow glue liberally to all the pieces in



the assembly and set aside to dry. Don't worry about the elastic bands at this point as they'll be turned away once everything is on the lathe. When the yellow glue has set up, check the fit of the brass tube. If

its too tight, sand inside the tube with 100-150 grit paper wrapped around a dowel. Once the brass tube fits properly, glue it in using 2 part epoxy. Sand the ends flush with the brass tube. Don't use a barrel trimmer for this. Mount on the lathe for final turning and finishing.


Kallenshaan Woods™
Personalized Laser Engraving
www.kallenshaanwoods.com