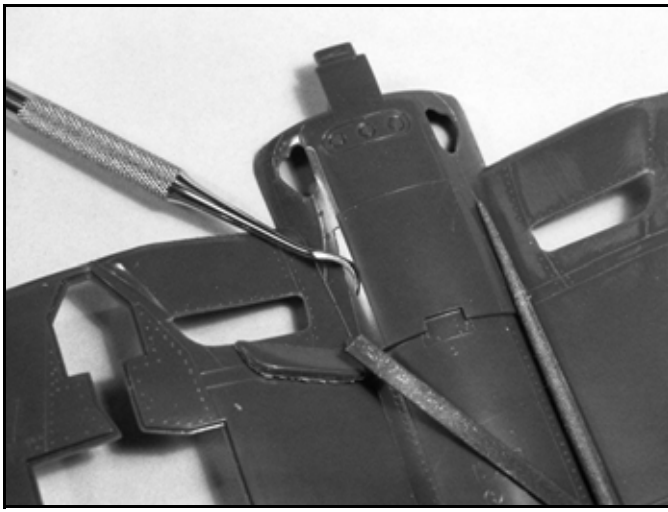




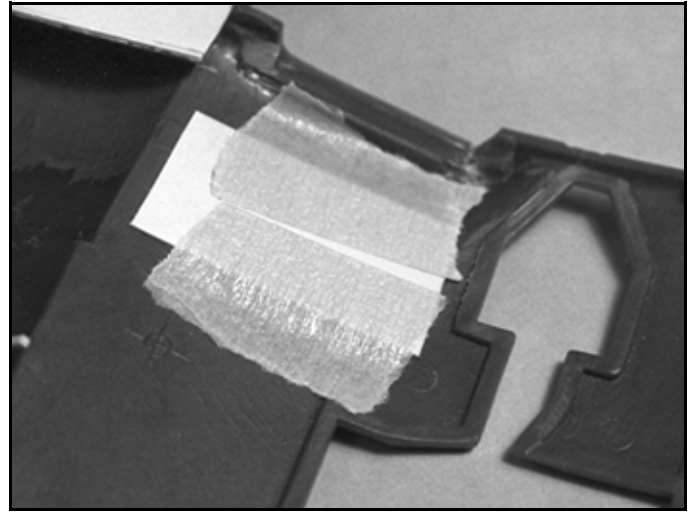
**MIKE ASHEY PRODUCTIONS  
PRESENTS**

**IMPROVING THE AIR INTAKES ON REVELL'S 1/32 SCALE  
F4U CORSAIR  
BY  
MIKE ASHEY**

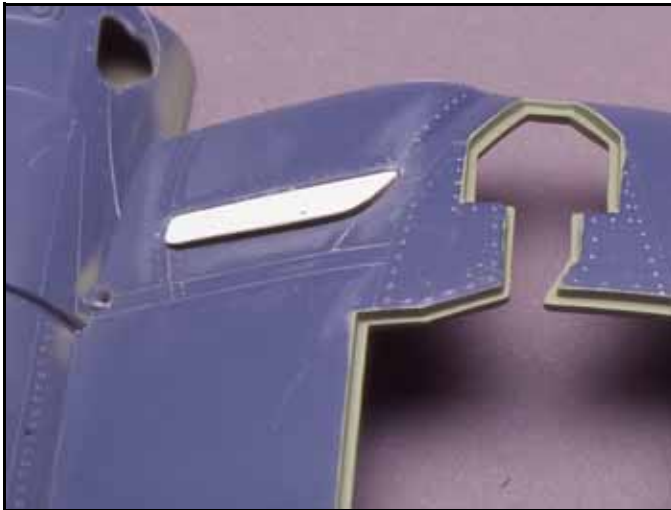
The appearance of Revell's 1/32 scale F4U Corsair can be greatly improved by modifying the engine air intakes. All you need to achieve this is a few small diameter wooden dowels, sandpaper, some photoetch screening, some sharp number 11 X-Acto blades and super glue!



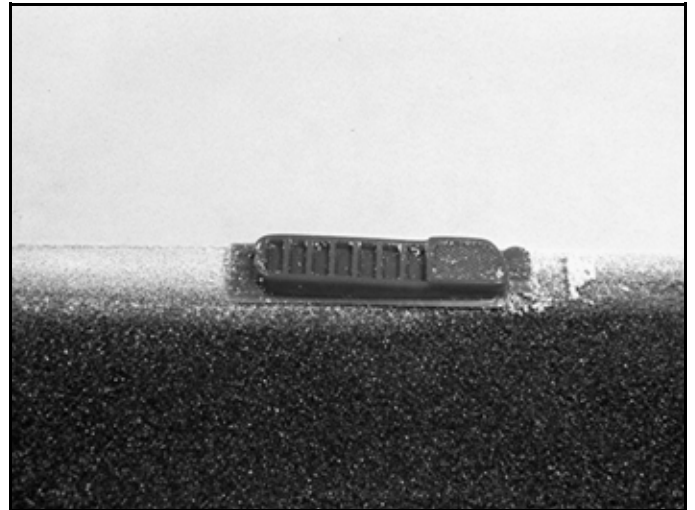
The air outlets are molded onto the wings. Cut them out using a panel scriber and the carefully shape the openings with micro files.



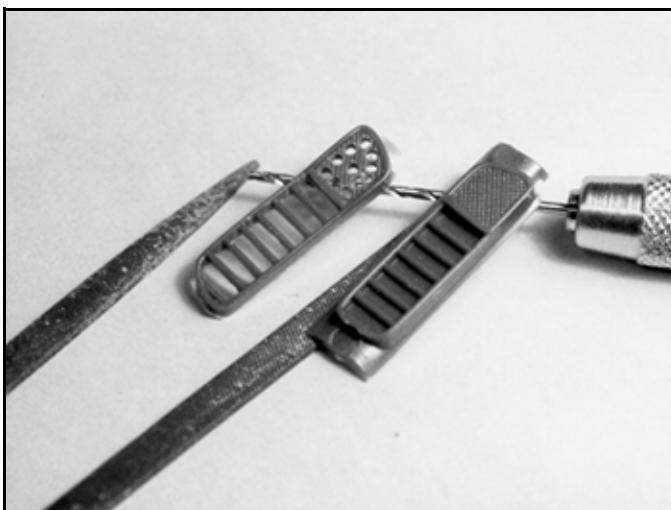
Tape a piece of .015 inch thick plastic to the back side of the opening and then trace the outline of the opening onto the plastic. Carefully cut out the shape, sand the edges smooth and check the fit.



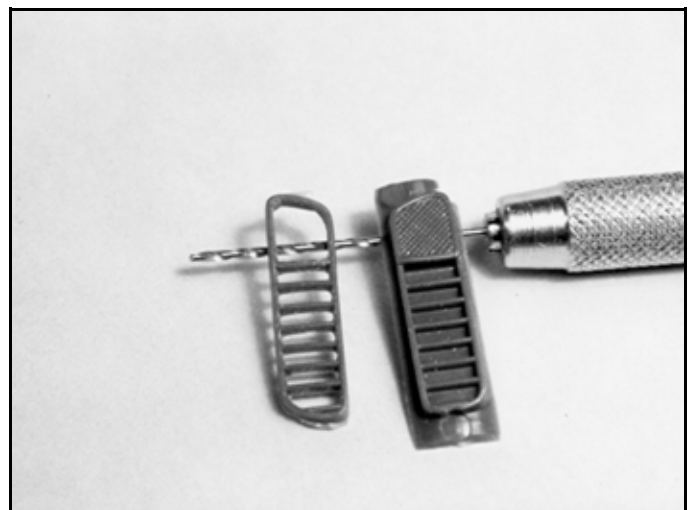
This air outlet looks much more realistic than the molded on one. I positioned them so that they were slightly opened.  
Photo by Glenn Johnson



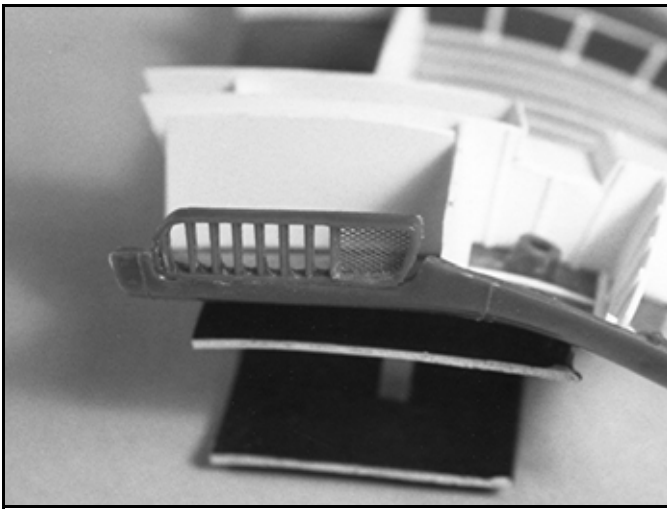
Wrap sandpaper around a wood dowel the same diameter as the backside of the air intake part. Slowly run the part back and forth across the sandpaper removing layers of plastic as you sand.



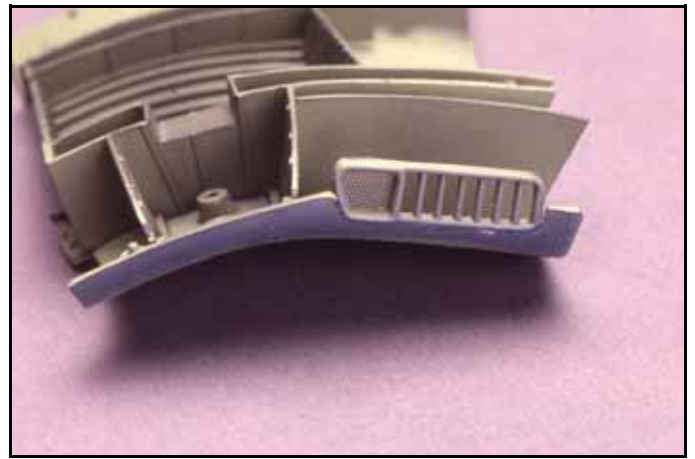
The plastic will get thin around the lovers first. When the plastic appears transparent carefully cut off the excess with the tip of a number 11 blade. Next drill holes in the remaining plastic area where screening will go.



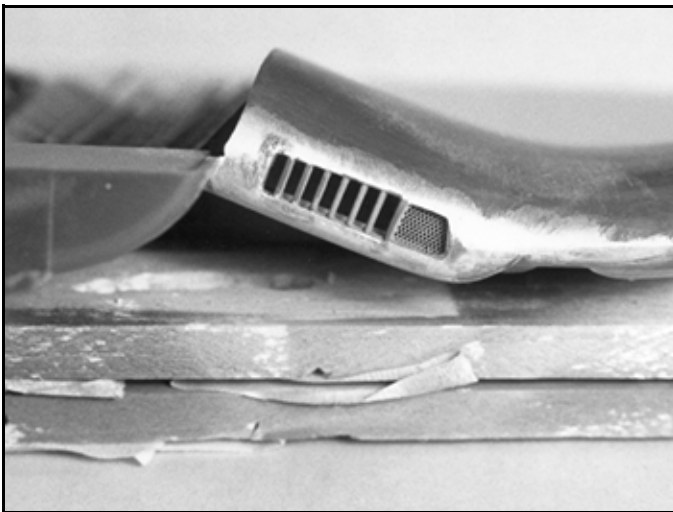
Drilling out as much plastic as possible makes it easy to remove the remaining plastic with the tip of a number 11 blade.



Photoetch screening was carefully cut to the shape of the part and then super glued into place. To position the part I taped the wings closed, positioned the intake and then attached it with tiny drops of super glue.



The interior area was painted before gluing the wings together. To see how I scratchbuilt the interior of the wings check out the article on scratchbuilding the landing gear bay.  
Photo by Glenn Johnson



Here the air intake is getting one last coat of super glue on some minor flaws that were detected with the silver paint. The appearance of the air intake has been improved greatly with a little elbow grease and some photoetch screening!