



To assemble your cowl start with cutting away nearly all the flange from the base. Use a pencil laying flat on the work surface and rotate the cowl against it. Cut to the line. Stacking scrap wood under the pencil will raise the water line if you need a shorter cowl for your model. Next cut the center air inlet out of your cowl. Repeat the above steps for the cowl base but retain as much of the cowl flap as possible.



There is a groove molded into the top of the base. This groove should be retained if possible, it acts as a former and stiffens the mid section of the cowl. Test fit the assembled cowl to the model, you may want to adjust the length.



To bond the cowl to the base, apply a small amount of model cement to the cowl edge. When it is pushed over the base the adhesive will spread out evenly due to the taper molded into the base. Use a paper towel to remove the excessive adhesive from the inside. Model cement is a solvent based adhesive and will soften the plastic if it is allowed to pool inside. Epoxy will work and wiping the excess will not only save weight but form a fillet inside your cowl when wiped away. **Do not use CA adhesive on this plastic.** Cracks

will form in the cowl in a matter of hours.

**Cowl flaps.** Cut a strip of paper to the length needed to wrap it around your cowl. Fold it to arrive at the cowl flap count you want. Wrap it around the base again and transfer marks to the base at the paper folds. Drill small holes at the marks. The holes in the photo are larger than needed but make the illustration clear. Cut the gaps between the flaps with scissors, using a pattern will ensure the angle has been



copied properly. Drilling the holes is a preventive measure meant to avoid possible cracks in your cowl. Using scissors is easy but sets up a shear pressure at the gap. The drilled hole simply relieves the pressure.