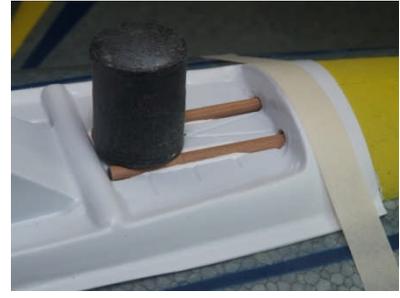


To start the Hibau military canopy upgrade, inventory the contents of the kit. There should be a cockpit tub, canopy, instrument panel, headrest, three choices of pilots heads, two dowel rods. You will need epoxy, one rare earth magnet, model cement, primer and paint. Do not use CA adhesives, It causes cracks to form in the white plastic. Acrylics, enamels and lacquers do well with both types of plastic in the kit but priming first is always best.



Trim the cockpit tub ends off and the edges so it fits in the fuselage. Drill the holes in the back of the cockpit tub to allow the wood dowels to slide in place and engage the holes in the fuselage frame. Slide the tub forward in the fuselage hole (there is a 3/16" play in the fit) Tape the tub in place firmly to the fuselage at the aft end and fit the dowels in position. A slight taper in the ends will be required to allow the dowels to lay flat in the dowel grooves. Use epoxy to bond the dowels in place.



After the dowels are set, use plastic sandwich wrap to prevent bonding the tub in place and place a magnet in position over the fuselage magnet. Apply epoxy to the magnet and cockpit tub and install the cockpit tub. Hold the fuselage upside-down to allow the epoxy to pool in the provided space and allow it to set. Note: the photo shows JB weld brand epoxy being used because of its viscosity. Hobby epoxy can be thickened with micro balloons, talc, or baking soda. Remove the cockpit tub and prime. Note that masking tape is used to mask the portion of the tub that will contact the canopy. Later it will be sanded for a stronger bond. The parkflyer website has a good tutorial on painting pilot figures and is worth a look before adding details to your cockpit.



job of smoothing out the surface.

The instrument panel is painted with a thin coat of flat black paint and is allowed to dry completely. Using a sharp object such as a throwing dart or scribe. Scratch the instrument face markings in the recesses. Hint: Avoid making them all clocks. Adding a few colored dots as warning lights and gray and silver lines as knobs and switches only adds to the details. Support the panel face up and dab 30 min epoxy into the gauge recesses for that glass face look and let gravity do the

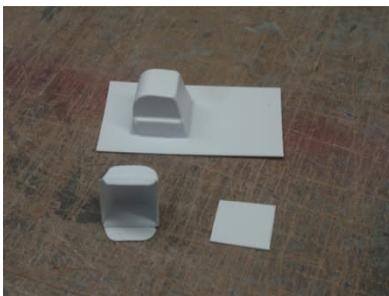
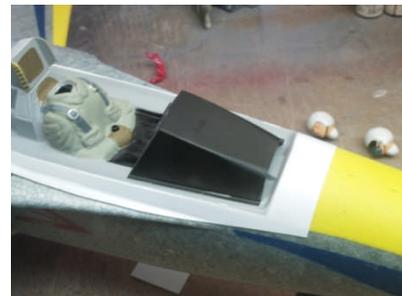
There are three types of pilots heads supplied in this kit and assembling them may be the hardest step to completing this kit so save your favorite one for last and use the others for practice. The parts are laid out in pairs and are a perfect match to each other; for this reason number the head parts on the inside then cut them free from the parts sheet. Sand the back of the parts until the plastic becomes thin. (track your progress by holding them up to a bright light) complete the cut with a hobby knife. Use model



cement to bond the halves together. Keep a rag handy to keep your fingers clean. A piece of folded masking tape applied to the front of the parts is a handy way to attach a handle to the parts for easier manipulation.. Model cement is a solvent based adhesive and does not sand well until it is completely dry. So, allow the heads to dry overnight. Sand the seam and prime the head. Check the pilot painting instructions on the website for the rest.



Scratch the primer away from the cockpit tub where the instrument panel flanges contacts it and use model cement to attach the panel to the cockpit tub. Cut the hole for the pilots head removing a little at a time. You must decide now what direction the pilot will be facing. note that a portion of the collar will have to be cut away for anything other than straight forward. Before you bond the head in place trim the canopy ends off and along the side trim lines. Test fit



the canopy to the cockpit tub with the head in position before bonding to make sure there is the right amount of headroom. The head rest bonds to the top of the seat but not before the provided scrap material is used to fill the open space between the helmet side supports.

To attach the canopy.

Trim the cockpit tub no closer than 1/2 inch from the edge at the ends and retain the rest. line the fuselage with sandwich wrap to protect it from the epoxy. Install the cockpit tub with the bond area pre sanded. Place the canopy on the model and mark the bond area as a reference for rough sanding. Clean the canopy inside one last time and apply epoxy to the cockpit tub. Filling a plastic bag and cutting off the corner will help to apply a constant bead to the bond area. Remember,

thicker epoxy will not run so JB weld was used here too. Place the canopy over the tub and use weights or tape strips to hold the canopy in position. Trim the excess canopy away with scissors. Keep in mind that the closer you cut the clear plastic to the cockpit tub the thicker the material will appear. Thinner looks better. However, At the back of the canopy, the closer to the hatch hole the trimming is the better because the excessive length interferes with hatch removal. Trim

away a little at a time until you are satisfied.

Tape off the canopy windows and paint.

