

PRETTY POLLY

Shelf Dangler®

Created by award-winning Jay Gubit

The Stained Glass Sculpture Company at www.StainedGlassSculpture.com



Pretty Polly on a china closet shelf.

Pretty Polly *Shelf Dangler* consists of 16 pieces of glass.

It is ten inches long.

It is a simple piece of Stained Glass Sculpture, with a *CTR* of 0.9.

ASSEMBLY INSTRUCTIONS

THIS IS A CONDENSED VERSION OF THE ASSEMBLY INSTRUCTIONS!

You will need five colors of glass: Red, Yellow, and Blue for the head and body; Black and White for the beak, and Black (or Dark Brown) for the base and easel.

Print out the colored pattern sheet and tape it to your worktable. After you cut out, shape, and foil all of the glass pieces, you will lay them down on the Pattern Sheet.

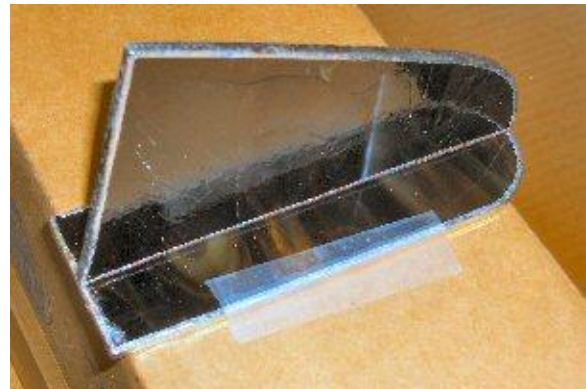
You will have to print out a second copy of the Pattern Sheet to cut apart and use as templates for cutting and shaping your glass. We think that the easiest way to transfer a pattern to the glass is by using self-adhesive templates. If you print the pattern on self-adhesive paper, instead of plain paper, you simply cut out the template, remove the backing, and affix it to the glass. You will not have to trace around paper cutouts, and you can cut and grind right to the edge of the template. (You can buy a pack of self-adhesive paper at office supply stores, in their label department. The largest manufacturer of this paper is Avery, but most of the office supply stores have their own private brand as well. Look for "Full Sheet labels, 8.5x11 inch". Read *The Ultimate Pattern-to-Glass Transfer in Dimensions in Glass*, Issue 15.)

From your second copy, cut out the 15 pattern pieces that are numbered on the Pattern Sheet. (The sixteenth piece is the eye; it is not numbered on the Pattern Sheet. Cut out a circle, a quarter-inch in diameter, from your white glass. You will later cement it to the head, where it is marked with a dashed line.) Place all the cut pieces on the Pattern Sheet to make sure they all fit properly; adjust the shapes if necessary. The better the fit, the better the finished product will look.

If they all fit, foil them with quarter-inch copper foil, place them back on the Pattern Sheet. Nail the pieces for the body, and the outside wing, tightly together. You do not have to nail the long tail, the base, or the easel. Solder the body/head/beak segment and the outside wing segment as units. Use a ribbon of solder, not a bead. Remove the units from the

Pattern Sheet and solder the backs and edges, with a light ribbon solder, tin the base and easel.

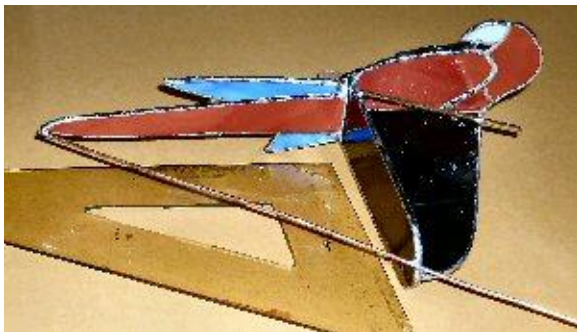
Now you want to take the outside wing and solder it over the body. Line up the right side and the top of the wing with the body. The picture above is the way it should look. Cement the eye on now. The eye should be cut out of white glass, shaped round, and foiled with 3/16" copper foil. Mark the head so that you will know where to place it. Put it right side up on your worktable. Take a piece of cellophane tape about three inches long and hold the tape in both hands. Put the center of the tape on top of the eye. Turn the tape over, and put a drop of glass cement right in the middle of the back of the eye. (Do not use too much cement or it will squeeze out around the edges). Turn the tape over again, and with the tape in both hands, gently lower it to the head right over where you marked its location. Press it down firmly, and press the ends of the tape down on to the head to hold the eye in position. Let it set for several hours before working with the body again. When it is set, you can put a black dot in the center of the eye with a waterproof marker.



Set a square box or carton on your table. The box should be at least seven inches high. Place the base on the top of it, so that the front end of the base extends beyond the edge one-eighth of an inch (the thickness of a piece of glass). Tape the base to the box so that it will not shift position. Stand the easel on top of the base, directly in the center of it. Put a drop of solder on the ends where the easel and the base meet. For additional stability while working with it, temporarily solder a short piece of rod or rebar to the edge of the base up to the top of the easel. Use a drop of solder at each end.

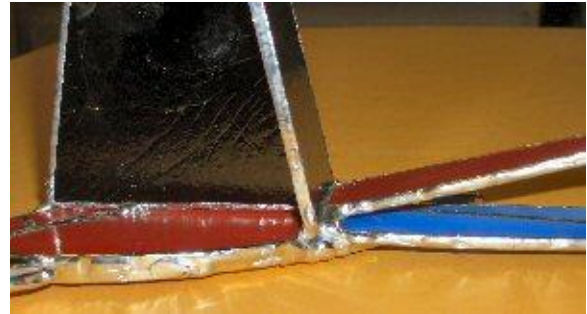


Hold the long tail up against the box and have it touch underneath the bottom of the base, centered left and right. Solder the front surface. Remove the tape. Turn the three-piece unit over gently, and put solder in the corner between the base and the tail, and underneath. Put more solder on the back end where the easel meets the base. The easel will have the body tilted backwards so that it will not topple off the shelf.

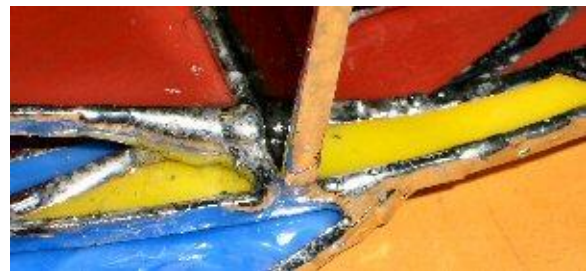


Take another piece of rod or rebar and cut it long enough to reach between the tip of the long

tail to the back of the base. These two pieces should be at right angles to one another, so check it with a triangle or square cardboard. *Temporarily* solder these two points.



Place the soldered body unit face down on your worktable. Carefully take the tail/base unit and rest the front of the easel on the back of the body. The front end of the base should be right on the solder line that separates the blue wings from the red body. Put drops of solder wherever on the line that you can (on the edges and along the seams). Do not let the tail shift its position. Look at where the top of the easel meets the top of the body. It should be right at the edge, and at the seam between the body and head. If it is not, remove the rod and tilt the easel slightly to make it touch the edge. Solder this point.



Put as much solder as you can at all corner points. It will not show if it is on the back. Turn the unit upside down (so that the head is pointing downward) and try to put some solder in the narrow gap between the long red tail and the blue wing feathers (at least in the corners where they meet). Now is the time to go over all the solder seams and edges. On all front surfaces, put nice round beads of solder and add little solder gems. Put a little more solder, including some gems, on the edges. The solder should still be a flat ribbon on the bottom of the base. You can now remove the temporary brace between the tail and the base.

Wash *Pretty Polly* with detergent soap, warm water, and a stiff scrubbing brush. Polish it, and buff it well to make it shine.

When you are all finished, take a picture of your pride and joy. Email it to Jay Gubitz at jay@StainedGlassSculpture.com or postal mail a print to The Stained Glass Sculpture Company, P.O. Box 28983, Santa Ana, CA 92799. Add some comments that we can print in our *Gold Ribbon Gallery* on our website.

You have finished a small stained glass sculpture. Now is the time when you should get more ambitious and try a *round* sculpture. **Look at the Kits page on our website and consider making something simple, like the Jumbo Koi, Rainbow Trout, or Tropical Fish.**

www.StainedGlassSculpture.com

**YOU HAVE JUST READ A
CONDENSED VERSION OF THE
ASSEMBLY INSTRUCTIONS!
SOME PATTERNS HAVE BEEN DELETED TO
PROTECT THE COPYRIGHT.**

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