[tips & tricks for modelmakers]  

**Plate 5**  
Letterings and decorations

Required tools

![Image of required tools]
Some simple tips to make the handling of the smallest parts more easy and secure:
– really clean your place well and keep it empty
– a paper collar around the object holder
– a white or black tissue glued onto the working table and reaching over your lap

If possible, do not use tweezers but pointed pliers, as they reduce the action of pieces jumping into other dimensions dramatically.

As to be seen on the picture, even 1 mm ringlets can be handled easily like this.

I also prepare the parts in the right order on the back of a Post It. Holds well enough against sneezing but releases the parts easily enough.
Plate 5
Gluing the smallest parts

There are several ways of fixing the smallest parts onto the model, here are some alternatives, try out which is most convenient for you.

1 – Pliers (tweezers) and CA
The most common and direct way to get the parts in place. Danger of flying off or that the parts get stuck more onto the tool than the model. Also difficult to reposition.

2 – Pliers (tweezers) and varnish
Put a drop of clear varnish on the target area and sink the part in it. Depending upon the drying time of the varnish one has some time to reposition the parts. If necessary apply some more CA with a tooth pick to give final grip.

3 – Spray glue
Prepare the parts by gluing them face down onto duct tape and spray the back with spray glue ...

... then take them and place them on the model. The spray glue provides just hold enough to place all the parts in peace and quiet but the parts must be still fixed with some CA applied with a tooth pick to give final grip.

4 – Transfer with Post It
Put the parts down and pick them up with a transparent Post It or some other Scotch tape, that does not glue too strong. Apply carefully CA on the part and maneuver them in place and press in place.

This provides some security against parts flying off and can also be combined with the varnish or spray glue technics.
Plate 5  
Lettering of the figure head (1)

As the parts are very tiny and have some tendency to disappear, there are three set included.

Make a small paper template to try out the spacing of the letters. For not loosing them I use the backside of a Post-It as this one does not glue to strongly.

Also use the positioning template on the brass sprue as orientation. The „QUI“ disappears underneath the volute.

Best letter the shield before fixing it on the head.
Crown of the figure head:
Take of the pearls of top of the arms of the plastic crown provided by the kit. Use this plastic part as a template and bend the new brass arms over it.

After the brass arms are bend, cut off these plastic arms to the required length and hollow out the inside of the lower part of the crown, just leaving a thin rim.

Glue the brass arms onto the crown. Fix the squares where the arms touch the crown and add the lilies in between.
Plate 5
More about the figure head

To improve the cupids, open up the arms, the difference is immense :-)

Also the coat of arms can be improved, the Irish Harpe and the Hannoveran Horse can be accentuated by some scratching, the rest to be redone using paper soaked with CA.

The timber behind the figure head is too low and should be lengthened. Also the back of the figure head can be thickened with putty.
Plate 5
Figure head

The first symbol in front of the „Hony“ is a buckle, as the claim is written onto a belt/banner.
Plate 5
Draught marks

As positioning help glue them *face down* onto some tape and spray-glue the back ...

... and stick them to the appropriate place.

Fix for good with some CA applied with a tooth pick.

Afterwards add some copper paint to blend in with the coppering of the hull.

The head has 15 marks, the stern 16.

As spacing help use some tape with 3 mm spacings. The lowest mark X is about 30 mm above the keel (means ten feet).
Plate 5
Flag lockers and chimney

Required parts:

- 4a
- 4b
- 5a
- 5b

Glue the canvas covers onto the flag locker boxes. Make sure about the orientation of the lockers!

Use a wooden stick to roll down the edges to eliminate gaps.

Chimney of the galley stove: Cut off the arms of the front piece, glue the front onto place and glue the arms to the side separately (Handles are from plate 4, gratings plate 8)
Plate 5  
Crown on the stern

Scratch off the old feathers and reduce the height of the crown’s rim.

Bend the middle arm of the crown accordingly, trim to length and glue in place. Place the squares and lilies and the top jewel.

Crown of the stern’s coat of arms

Today to be seen is a crown with the feathers of the Prince of Wales. Those were just fixed around 1838, coming from the HMS Prince of Wales broken in the 1820ies.

But what was there before?

One does not know. My personal guess is an normal crown, as displayed today on the side entry port.

If you know another good alternative, do your own one!

Also lions and unicorns could fit :-)

Crown of the stern’s coat of arms
Plate 5
Flaps for the gun barrels

No 7 – big flaps for the guns of 32 and 24 pounds
No 8 – small flaps for the guns of 18 pounds and lesser.

The transverse hinge points forwards, the lengthwise hinge locks backwards.

Build a template using some 1.5 mm plastic rod with two 1 mm thick pieces of sheet beside.

Put the flaps onto it and press down gently with a slightly opened pliers and glue in place.
Plate 5
Gun monograms (1)

Gun monograms for the barrels

No 9 – big monograms for the guns of 32 and 24 pounds
No 10 – small monograms for the guns of 18 pounds and lesser.
Plate 5
Gun monograms (2)

Preparation of the template: Two pieces of sheet of 2 mm are to be provided with a 45° chamfer and glued together.

Blacken the monograms before assembly to avoid shiny holes in the paint.

Place the monogram over the gap ...

... and use something round of appropriate diameter to press it down.
Plate 5
Gun monograms (3)

A small touch with the file to create a small gap for the glue ...

... a tiny drop of CA into this hole ...

... place the monogram ...

... apply the paint ...

... and apply a lighter brushing to modulate structure if wanted.
Plate 5
Carriage of the carronade

For the two carronades there is the spindle plate and the parts for the wheels. (The screw to adjust the height is on plate 6)

Take off the provided plastic „wheelbar“. Bend the wheel holders 12 on the provided lines and glue in place. Use some 1 mm rod to form the wheels.
Plate 5
Additions carronades

The plate 11 the spindle rests on should be placed on the aft end of the upper part of the carriage, the 4 small counter parts of the wheels should follow the angle of the wheels underneath. All of them should be optimally be sank flush into the surface of the carriage.

Both fittings 11b for the breeching line should point backwards and be fitted with a ring large enough for the rope.

The barrels can be pimped with some stripes of Evergreen, also the carriages can be improved by applying the slot for the travelling upper part.

The gun locks are on plate 4, the monograms on plate 5.

Capitain Hornblower, starting scene in 1:100: Harrison: „Come on, get on with your work. Get on with it. “
Plate 5

Ships name

... use the template and a pen to mark the position and remove the template.

Use little CA to fix and apply more CA with a toothpick for permanent fixing.

Scratch off the provided ships name ...
At last distribute 8 eyebolts on the stern. Secure them with Sellotape and get them out with fine electro pliers. Those give better control than tweezers against unwanted desertion.

The fitting for the gun port lids parts of plate 6.
Plate 5
Beakhead bulkhead and ships bell