

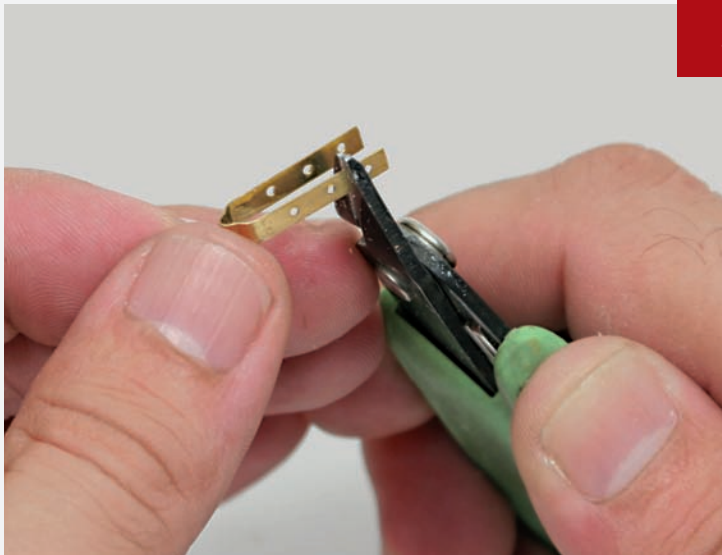


Your parts

Beakhead bulkheads
Rudder fittings

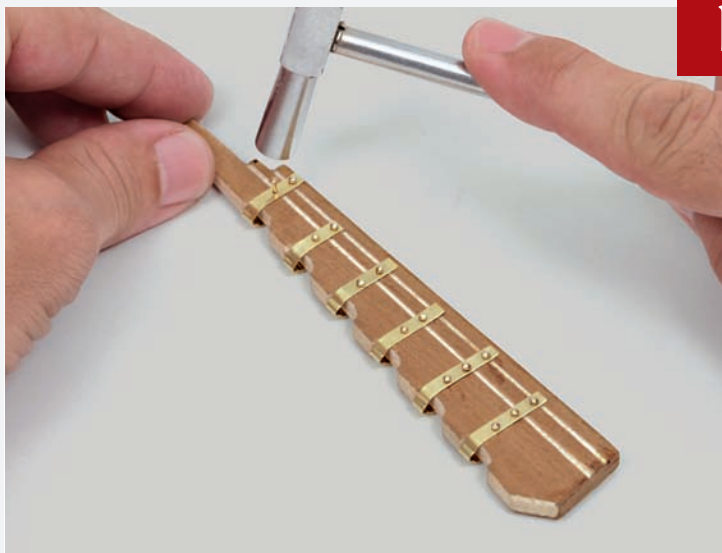
Tools and equipment

Wire cutters	File
Hammer	Wood stain
Tweezers	Wood glue
Pliers	Sandpaper



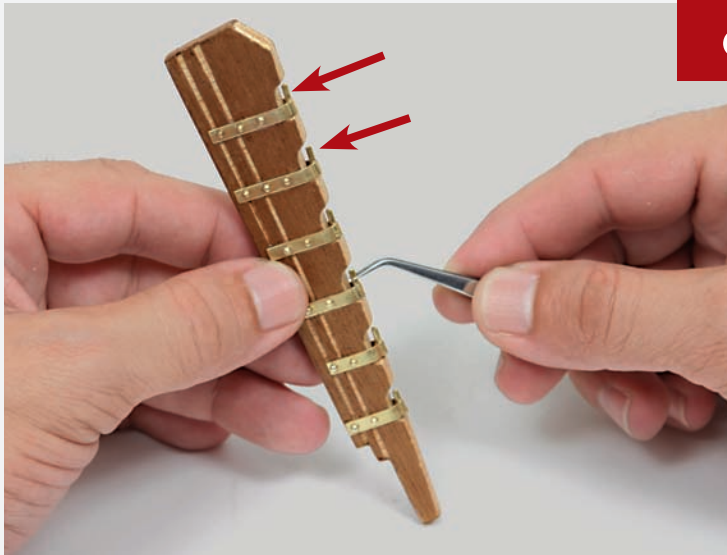
a

Trim the rudder fittings to the required lengths, using the photograph in Step b as a guide.



b

Glue and nail the rudder fittings to the rudder, as shown.



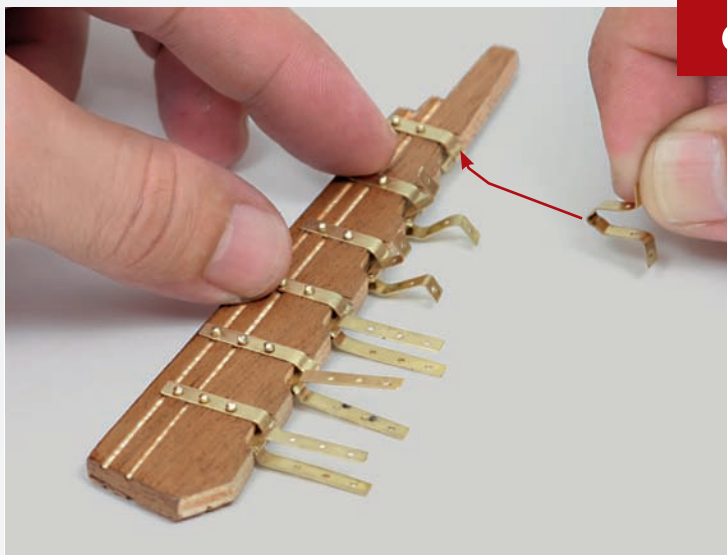
c

Cut six 6mm lengths of brass wire and glue them in the semi-circular part of the rudder fittings.



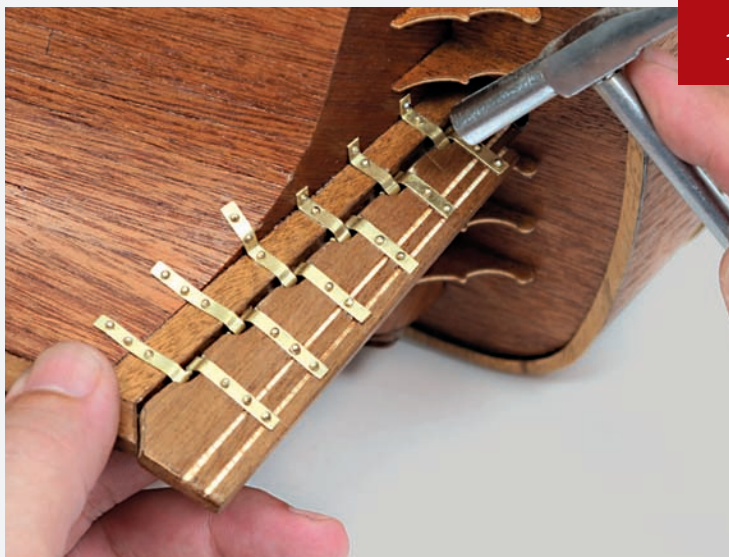
d

Shape three rudder fittings like those shown on the left; these will fit either side of the stern keel. The remaining three should be left straight, as they will have to be shaped to fit the hull.



e

Before attaching the remaining rudder fittings, stain the rudder so that it matches the colour of the hull. Then hook the remaining rudder fitting over the wire from Step c, as shown.



f

Position the rudder at the stern and nail into place, as shown.



g

Smooth the slots of the stem with a file or sandpaper.



h

Glue the large beakhead bulkhead in place on the stem, in the slot nearest the hull.



i

Glue the next two beakhead bulkheads in place, in order of decreasing size, in the slots of the stem.



j

Check the positions of the bulkheads – they should be situated like those in the photo.

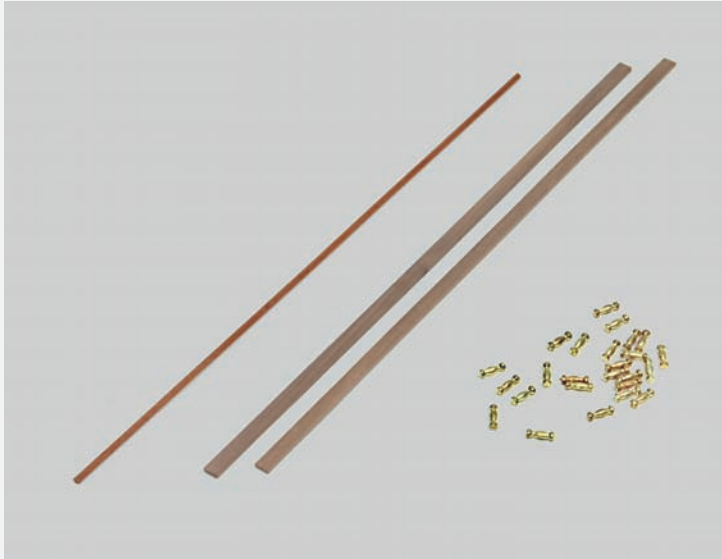


k

This photo shows how the assembly should look at this stage. Keep any left-over material, as it will be used later.

SAN FELIPE: Step by Step

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Your parts

Columns

Wooden strips 2 x 7 x 300mm

Wooden dowel 3 x 300mm

Tools and equipment

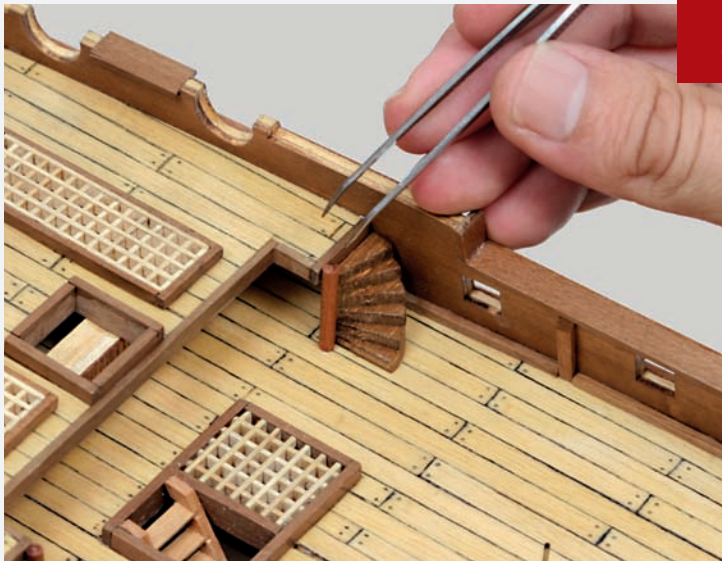
Knife

Tweezers

Wood glue

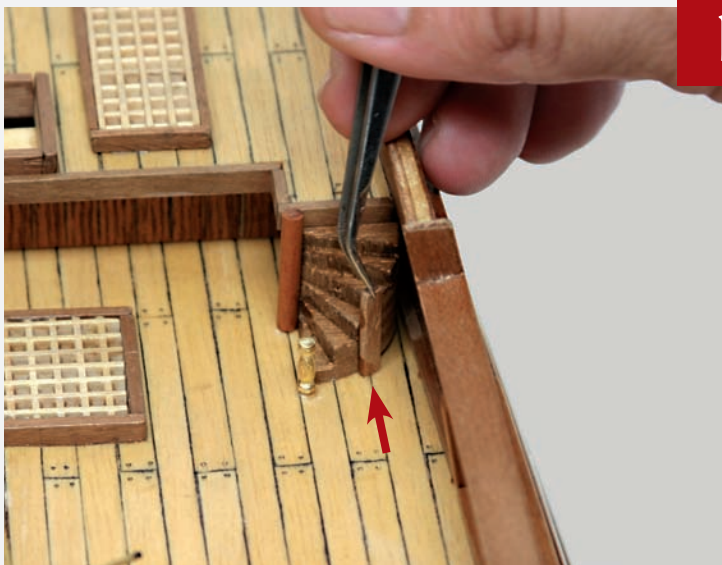
Superglue

Drill/bit



a

Hold the 3mm dowel on the main deck and cut a length equal to the height of the fore deck, then glue it into place alongside the stairs on the starboard side, as shown.



b

Cut a 15mm length of 2 x 3mm wooden strip and glue it on the side of the third step of the stairs. Then glue a column in place at the base of the stairs.

SAN FELIPE: Step by Step

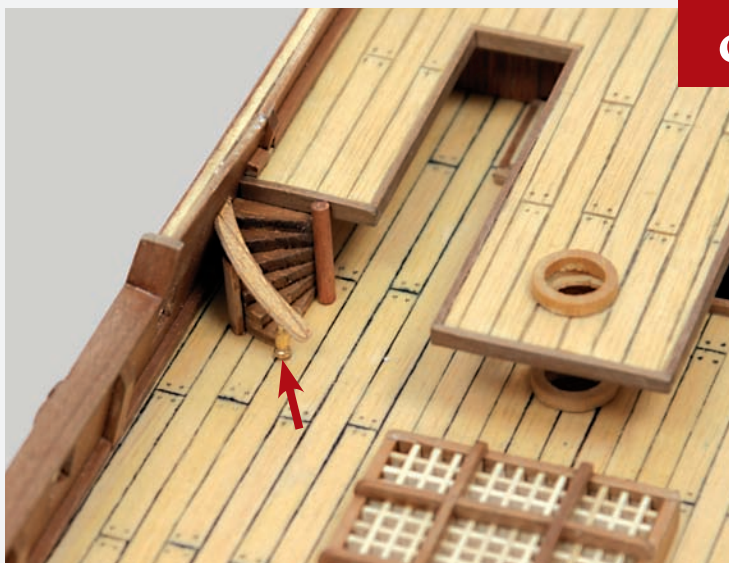
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c

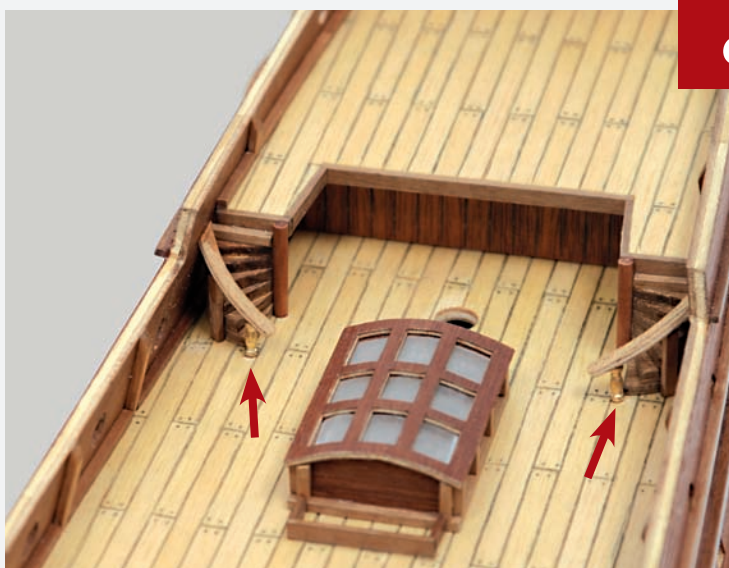
Remove one of the curved strips from the sheet received on Page 253 and glue into place on top of the wooden strip and column from the last step.

Repeat Steps a-c for the port side stairs of the fore deck.



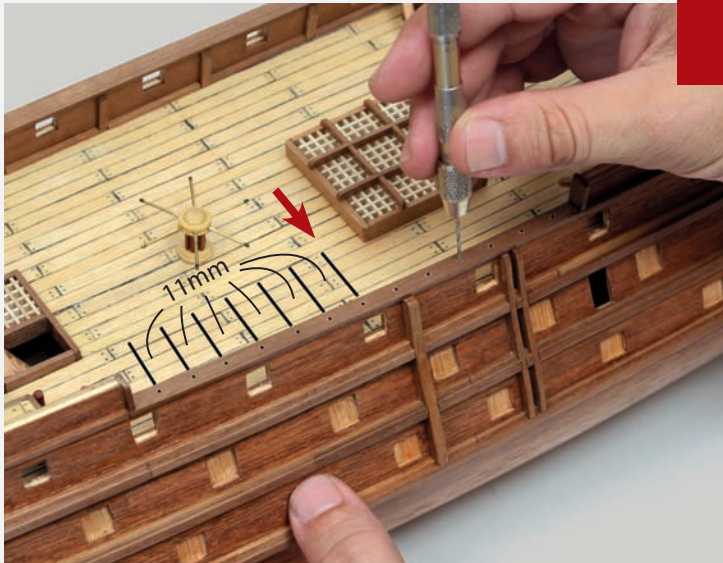
d

Follow the same process in Steps a-c for the stairs from the main deck to the quarterdeck.



e

Repeat the same process for the stairs from the quarterdeck to the poop deck.



f

On one side of the ship, drill a series of shallow holes with the 0.75mm drill bit in the wooden strip along the bulwark of the main deck, 11mm apart.



g

Apply a drop of glue to one of the holes and place the spiked end of one of the columns into it. Repeat this for the remaining holes.



h

When the glue holding the columns is dry, glue a 2 x 7mm wooden strip on top of them and the bulwark of the fore deck up to the point arrowed.

SAN FELIPE: Step by Step

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i

Fill in the remaining bare bulwark of this level with more 2 x 7mm wooden strip.



j

Glue a shorter length of 2 x 7mm wooden strip to the upright part, as shown, so that it ends in line with the higher bulwark.

Repeat Steps f-j for the other side of the hull.



k

The photo shows how the assembly should look at this stage. Keep any left-over material, as it will be used later.

SAN FELIPE: Step by Step

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Your parts

Frame sheet
Gun ports

Tools and equipment

Wood glue
Superglue
File

Drill/bit
Sandpaper
Black pen



a

Glue the two gun ports between the stern castle supports, as shown.

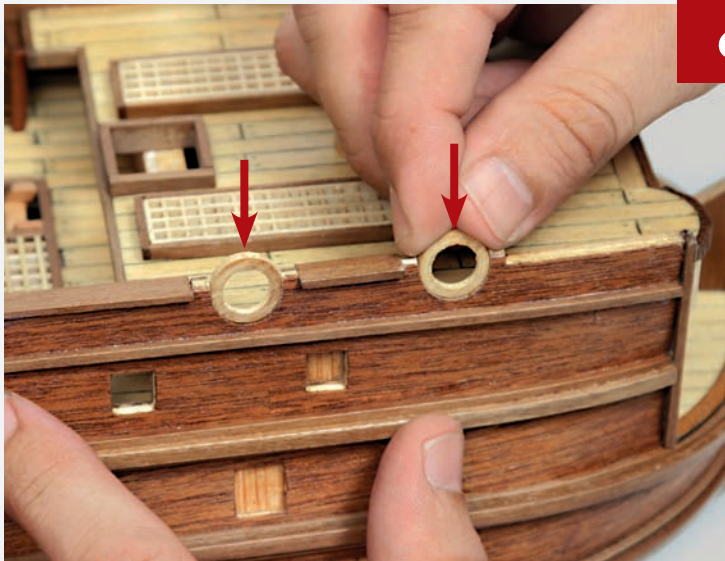


b

Glue the two latrines in place at the bow, below the semi-circular projections, as shown.



Smooth the four semi-circular recesses at the bow. Prepare the wooden rings from Page 245.



Test-fit four of the wooden rings, two on either side of the bulwark of the bow deck. Adjust the recesses if necessary, and then glue the rings into place.



Glue the remaining wooden ring in place over the mizzenmast hole.



f

Drill a hole in the centre of the strip on the port side of the bow, highlighted by the arrow, then drill a further two holes at equal intervals on each side of it. Repeat for the starboard side.



g

Glue a column into each of the holes, as in Step g on Page 263.



h

Remove two curved wooden strips from the sheet, as shown.



i

Smooth the strips and then mark the edges with a black pen.



j

Test-fit the strips in place on top of the columns, make any adjustments to the fit, and then glue into place.

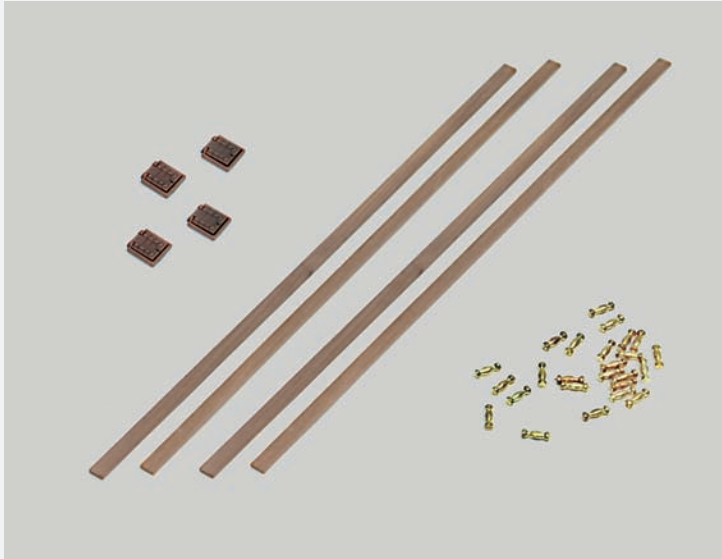


k

The photo shows how the assembly should look at this stage. Keep any left-over material, as it will be used later.

SAN FELIPE: Step by Step

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Your parts

Columns
Wooden strip 2 x 7 x 300mm
Gun ports

Tools and equipment

Drill/bit
Tweezers
Wood glue
Superglue
Ruler
Knife
Sandpaper
Black pen



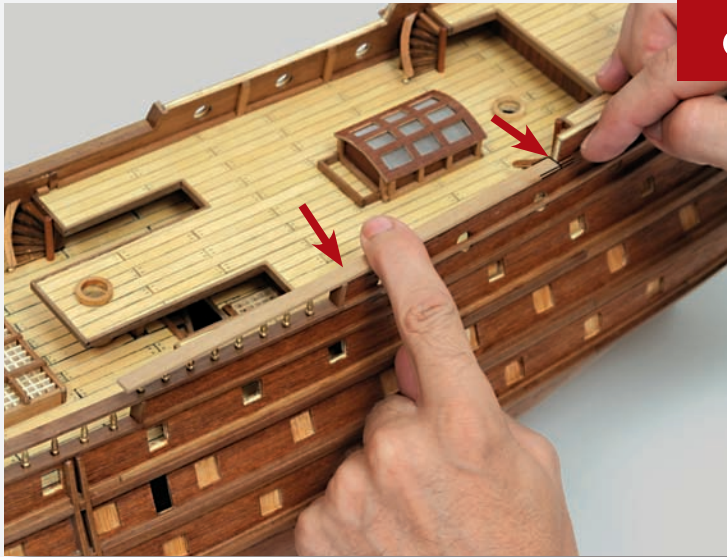
Locate the area shown, on the port side of the quarterdeck. Drill eight holes along the wooden strip, spaced 10mm apart.



Glue a column into each of the holes in the wooden strip.

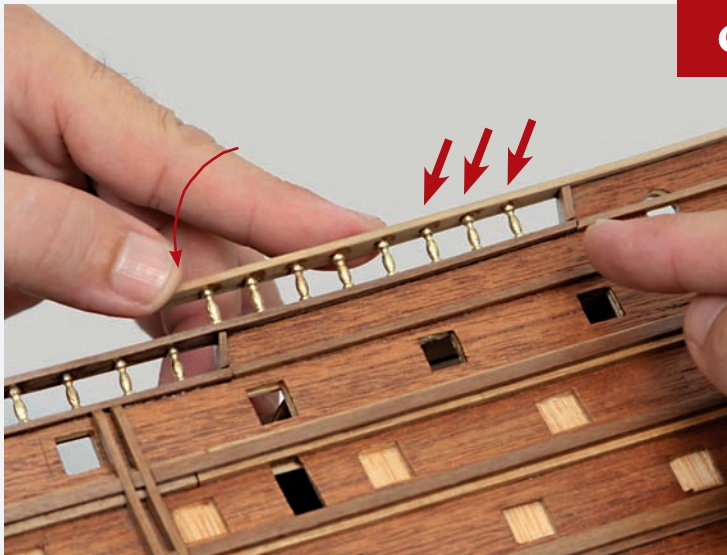
SAN FELIPE: Step by Step

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c

Cut a 195mm length of 2 x 7mm wooden strip and glue it along the bulwark of the quarterdeck and the columns that you just fitted.



d

When gluing the wooden strip to the columns, you will need to hold it in place until the glue dries.



e

Cut a length of wooden strip to fit between the two strips, as shown.

Repeat Steps a-e for the starboard side of the ship.



f

Glue another two gun ports between the stern castle supports, as before.



g

Glue two more gun ports on the bow bulkhead.

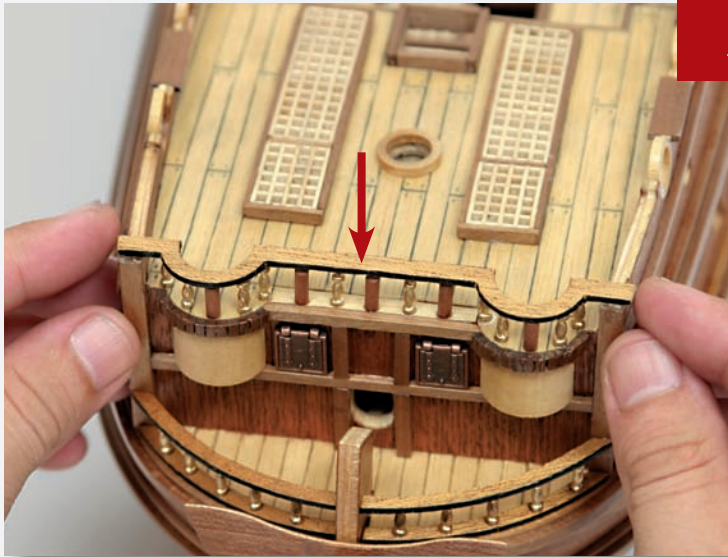


h

Cut five 8mm lengths of 3mm dowel. Glue one of the lengths in the centre of the foredeck on top of the bow bulkhead, then a column either side it, followed by another length of dowel and another column. Continue around the tops of the latrines, fitting a column, a dowel, a column and then a final column, as shown.

SAN FELIPE: Step by Step

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i

After smoothing and marking its edges with black, glue this shaped strip on top of the columns and dowels from the last step, as well as the bulwarks on either side.



j

Glue two lengths of 2 x 7mm wooden strip onto the bulwarks, aft of the strip from the last step.



k

The photo shows how the assembly should look at this stage. Keep any left-over material, as it will be used later.