

SAN FELIPE: Step by Step



Your parts

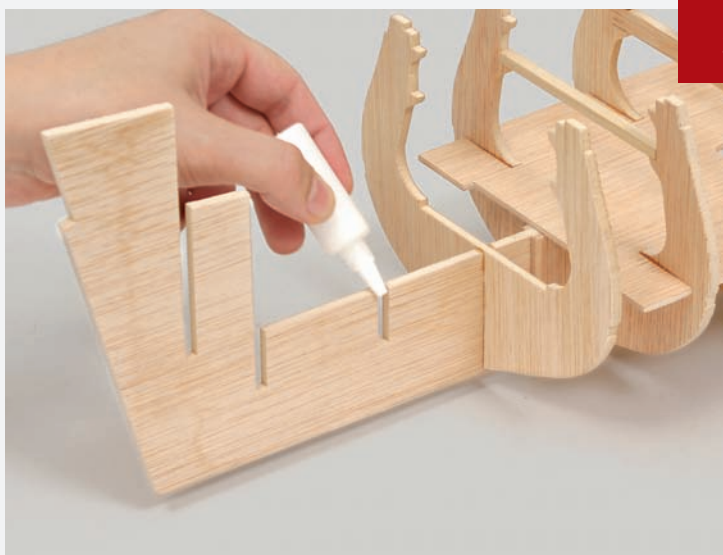
Deck
Frame 11
Planks



Tools and equipment

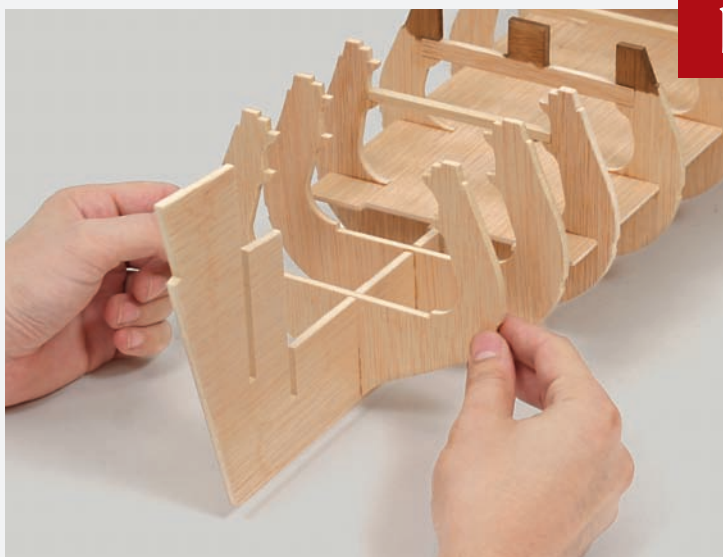
Sandpaper
PVA wood glue
Set square
Pencil

Ruler
Knife
File



a

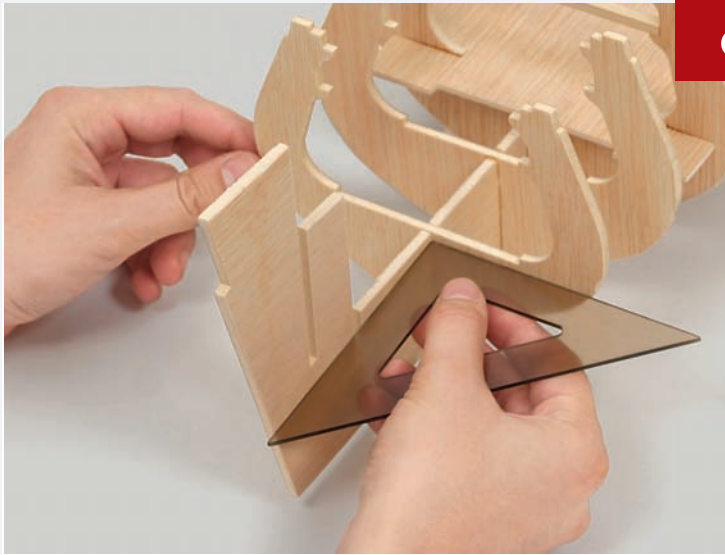
Smooth the deck and frame with sandpaper to remove any splinters. Then apply glue to the 11th slot of the false keel.



b

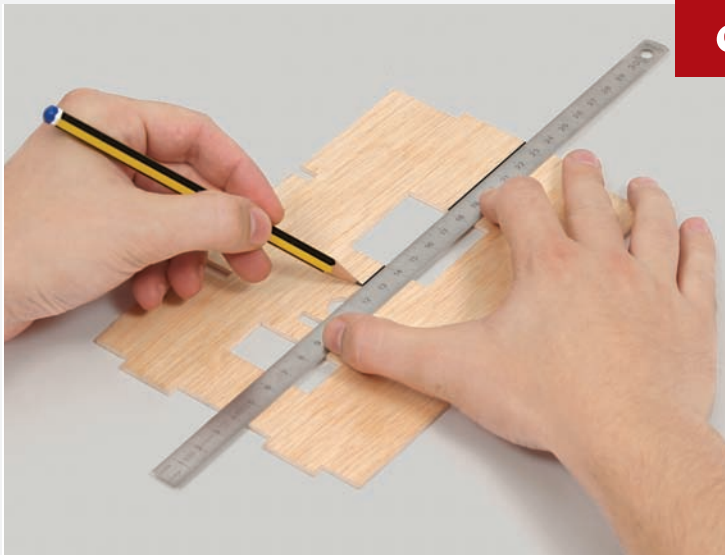
Slide Frame 11 into its slot in the false keel.

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c

Make sure that Frame 11 dries at a right angle to the false keel.



d

Mark a line down the centre of the deck.



e

Position the deck on the frames to test-fit, and adjust if necessary.

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f

Apply glue to the areas indicated by the red dotted lines in the photo, and glue into place.



g

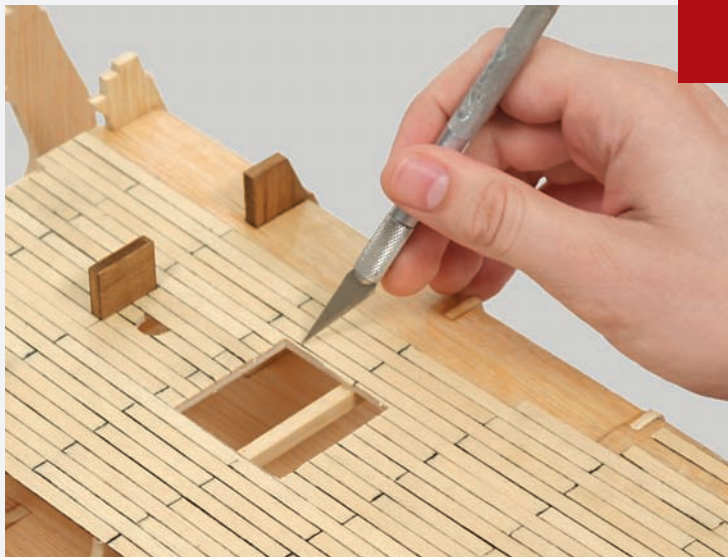
Cut the planks to a length of 70mm and mark the edges as with the previous planks. Start to fix the planks to the deck by placing the first one along the line drawn in Step d, and the next in the gap between the planks of the previous part of the deck.



h

Continue to plank until you reach the edge of the deck. Using left-over planks, fill in the shorter gap until the planks are flush with the edge of the deck.

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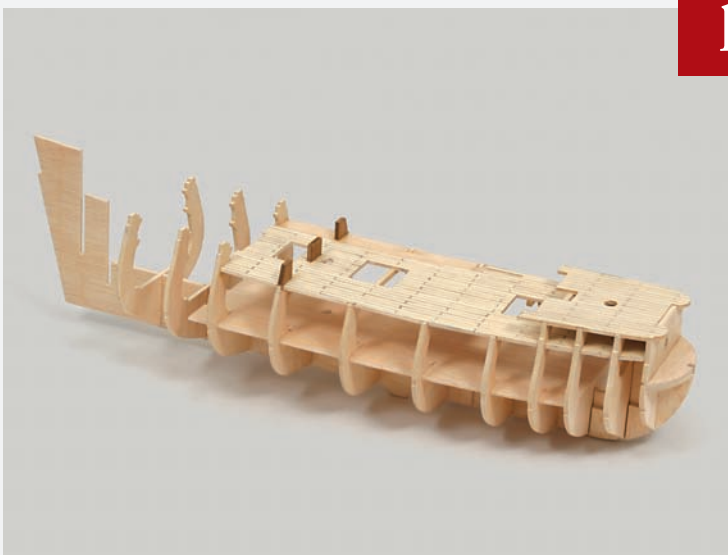
i

Stop planking when your deck reaches the stage shown in the photo. Cut away any planks that cover the holes in the deck.



j

Once the holes are cut out, use a file to smooth the edges.



k

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

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Your parts

Frame 12
Stern deck
3 wooden strips 5x5mm x 300mm long



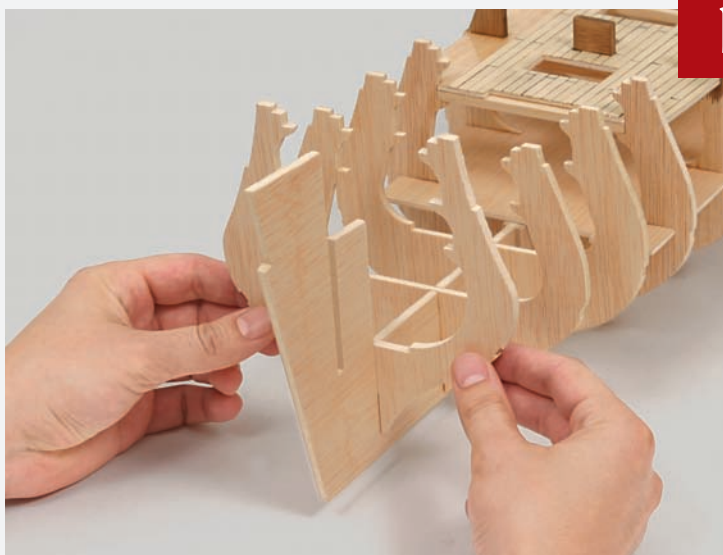
Tools and equipment

Sandpaper
PVA wood glue
Pencil
Knife



a

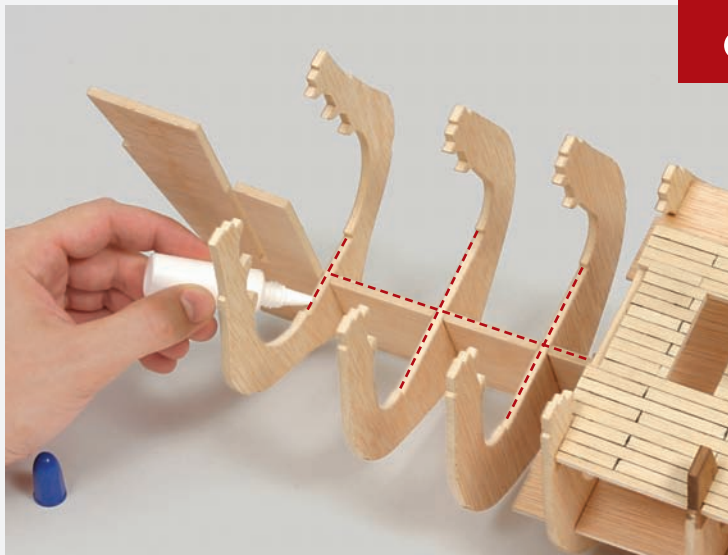
Smooth the deck and frame with sandpaper to remove any splinters. Then, apply glue to the 12th slot in the false keel.



b

Slide Frame 12 into its slot on the false keel.

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c

Carefully test-fit the deck into position. If it is tight-fitting on any of the frames, sand slightly then re-fit. Apply glue to the area indicated by the dotted red lines in the photo.



d

Fit the deck back into position.



e

Measure and cut the lower beams for Frames 10 and 11.

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f

Apply glue to the lower ledges of Frame 10, as shown in the photo.



g

Glue the lower beam of Frame 10 into place on the lower ledges.



h

Glue the lower beam of Frame 11 into place on the ledges.

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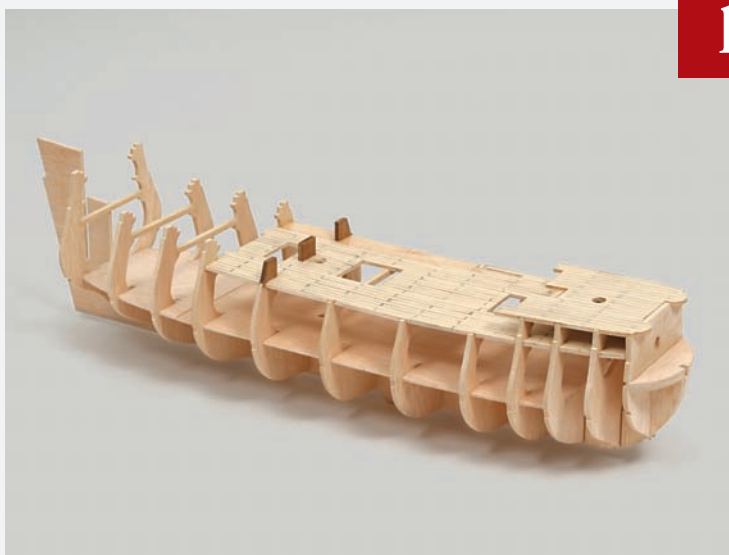
i

Measure and cut a beam for the lowest ledge of Frame 12.



j

Take the beam you cut in the previous step and 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.

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Your parts

Frame 13
Stern deck
Square bases



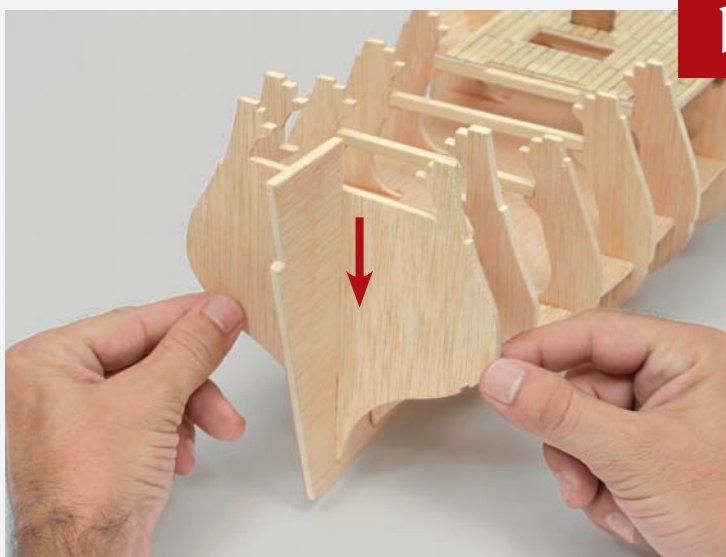
Tools and equipment

Sandpaper
PVA wood glue



a

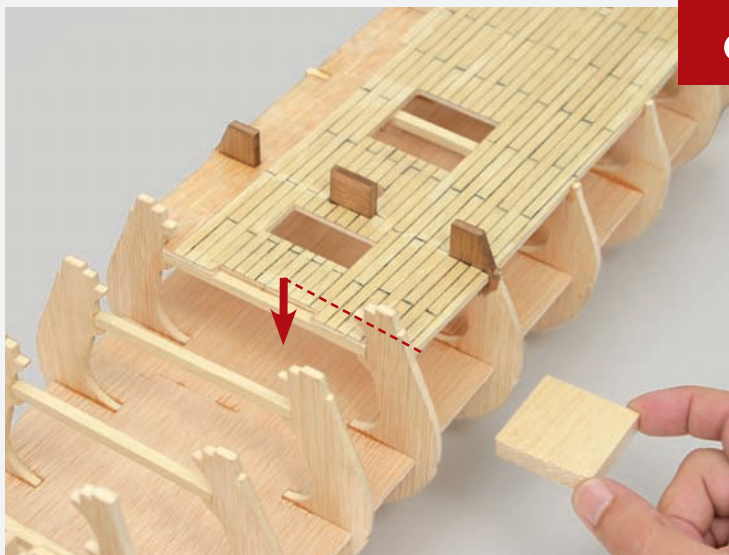
Use sandpaper to smooth all the new parts. Apply glue to the 13th slot in the false keel, as highlighted by the dotted red lines.



b

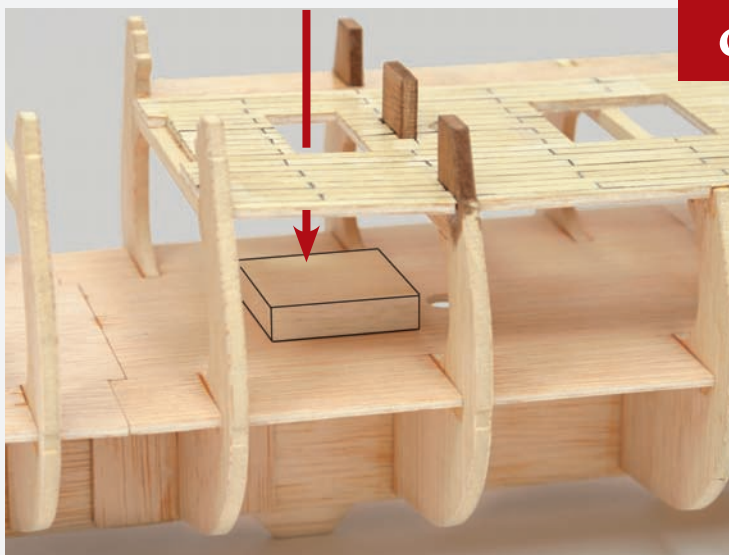
Slide Frame 13 into its slot in the false keel.

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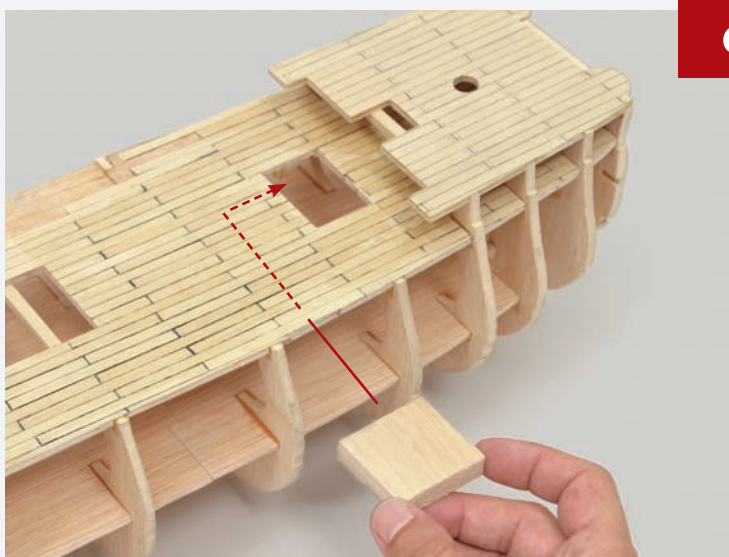
c

Apply glue to one surface of one of the square bases. Lightly place it glue side down on the lower deck, aligning it with Frame 8 and the sides of the hatch.



d

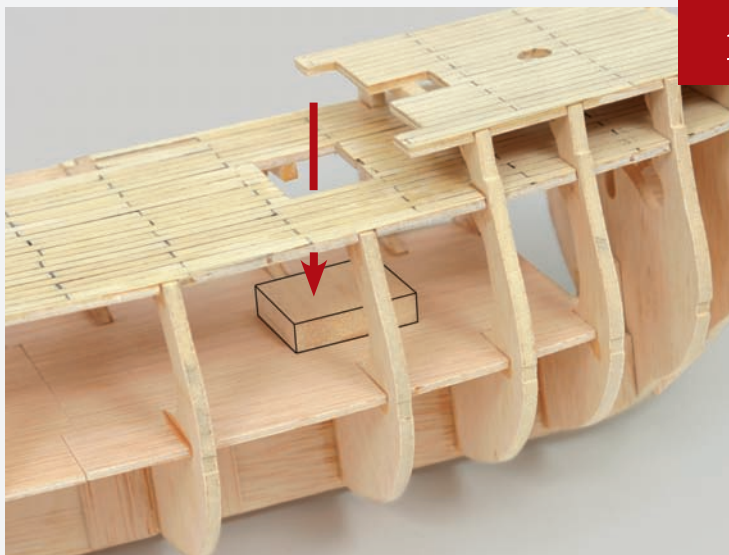
To get the correct position of the base, look at it from above, through the hatch. It should be centred so that the sides of the base line up with the sides of the hatch. When it is correctly positioned, press it down firmly to glue it in place.



e

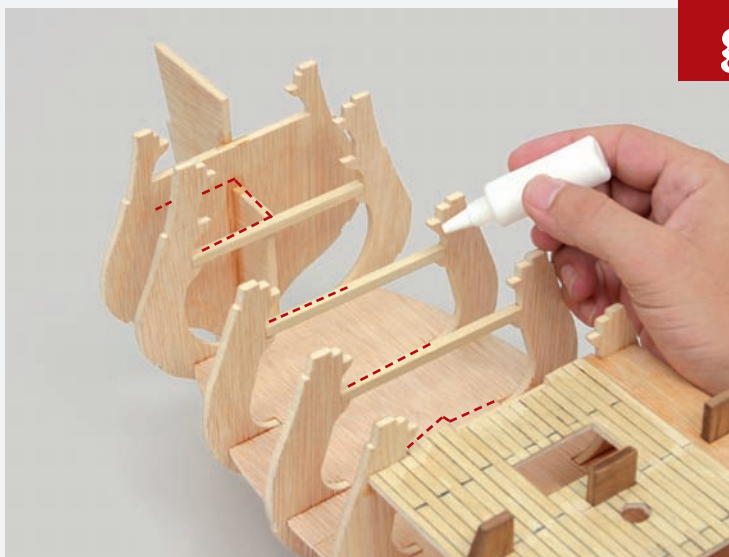
Now, repeat Step c for the other base, this time placing it under the hatch closest to the bow.

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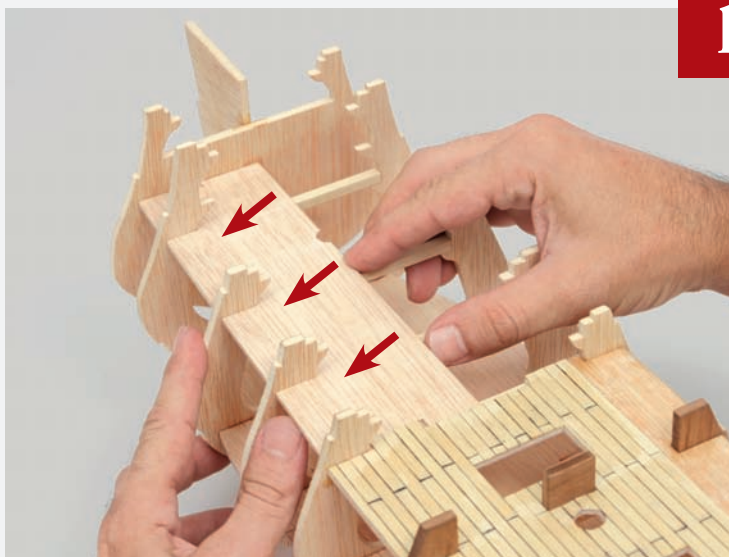
f

Place the second base in the same way as the previous one; positioning it by lining the sides up with the sides of the hatch.



g

Test-fit each of the halves of the deck in place. Then apply glue to the beams, as shown.



h

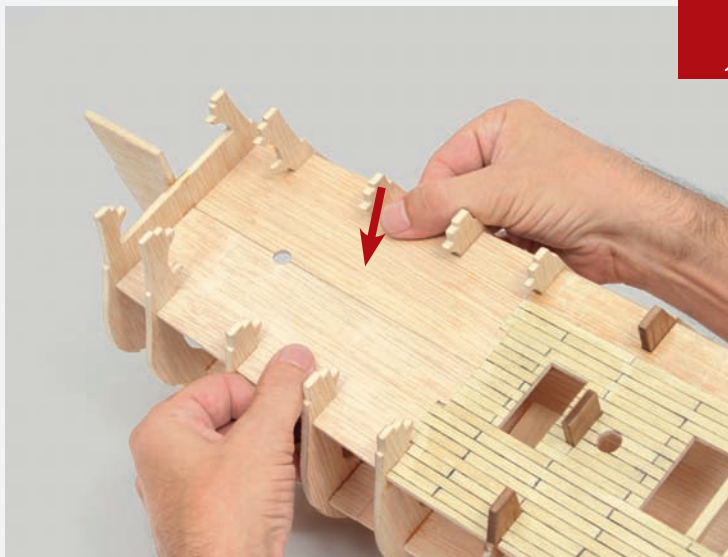
Place one half of the deck on the frames until it rests on the beams.

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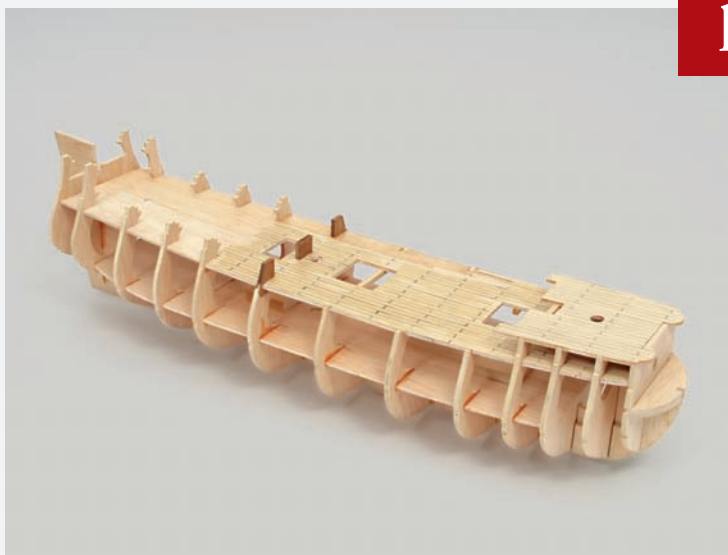
i

Then apply glue to the exposed beams and slot the other half of the deck into the frames.



j

Finally, push the second half of the deck down so that it is resting on the beams. Hold the two halves in place while the glue dries.



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



Your parts

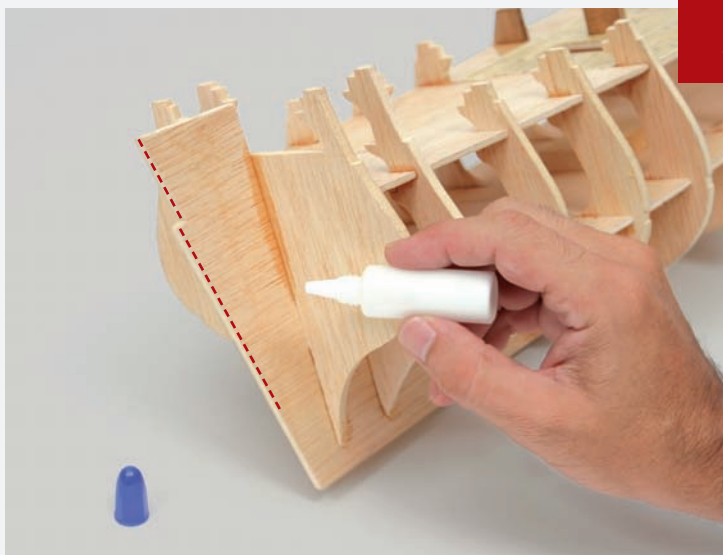
Frame 14
Stern deck
Planks



Tools and equipment

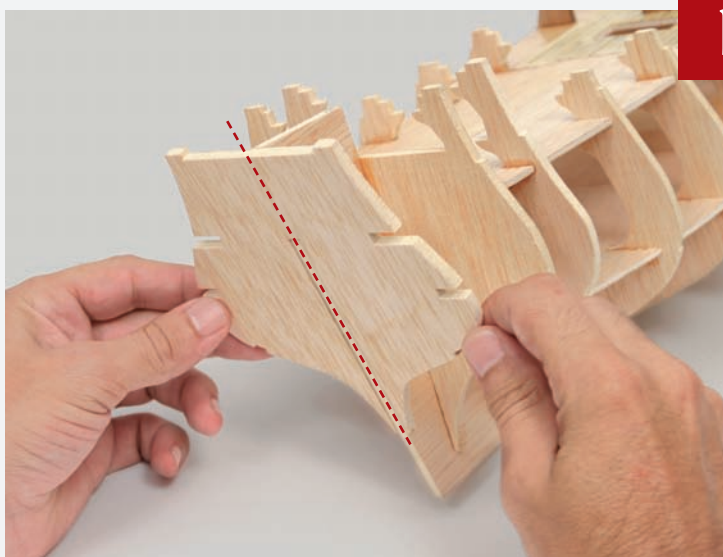
Sandpaper
PVA wood glue
Knife
File

Pencil



a

Smooth all the pieces of wood with sandpaper to remove any splinters. Then test-fit Frame 14 to see where to apply glue to the false keel, in the area of the dotted red lines shown in the photo on the left.



b

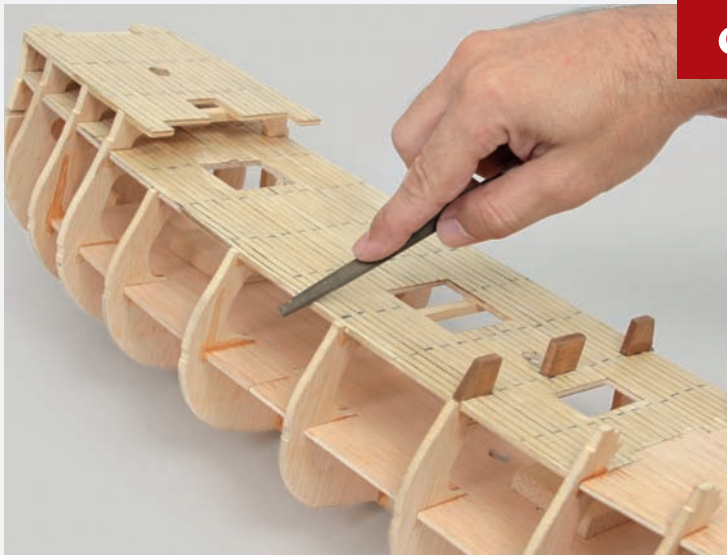
Fit Frame 14 in place, making sure it follows the line of the end of the false keel.

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c

Cut some planks to fit the gap on the main deck left unplanked in Step i on page 36.



d

Once the new planks have dried in place, cut off any that overlap the edge of the deck and then smooth with a file.



e

To simulate the nails, take a pencil and add two dots on each side of the joints between the planks. Repeat this all over the surface of the deck.

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f

Take one of the 5 x 5mm strips previously supplied, and mark the length needed to fit across the ledges on Frame 9.



g

After cutting the beam, glue it in place. Repeat this operation for beams 10, 11 and 12.



h

Cut planks 60mm long and use them to plank the stern deck, overlapping the joints in the same way as before.

SAN FELIPE: Step by Step



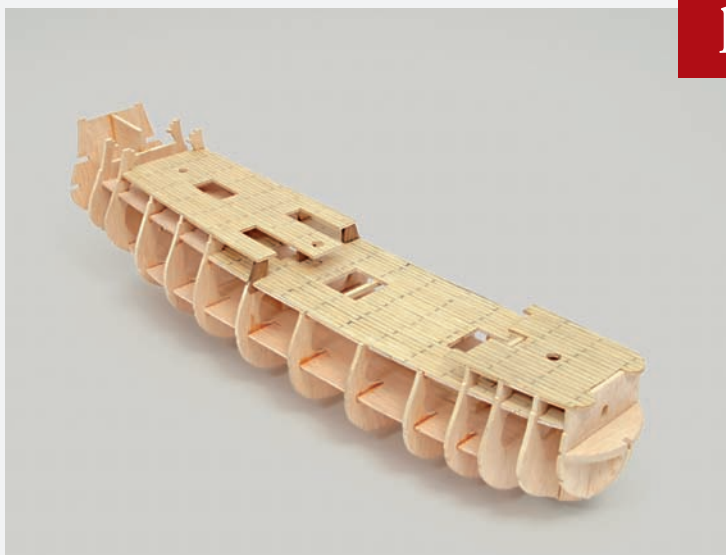
i

Use a knife to remove any planks that overhang the openings in the deck, and sand the edges smooth. Use a pencil to simulate nails as before.



j

Glue the completed stern deck on top of the frames and deck beams.



k

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