

MAIFLOWER

ERTL®



Kit Number 8060

1:70 Scale

BLUEPRINT REPLICA
MODEL KIT

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Mayflower

In September of 1620 after two earlier false starts, the Mayflower set sail from Plymouth, England bound for what was then called the New World. On board were 102 pilgrims seeking religious freedom and a chance for a new life away from 17th Century England. The Mayflower had a crew of 30 men under the ships master, Christopher Jones. Earlier used as a Dutch Wineship, the Mayflower was commissioned for the voyage by a group of London "Adventurers" who in cooperation with the pilgrims hoped to set up a profitable trade with them in America. Battered by strong winds and storms in the North Sea, the Mayflower finally reached the coast of what is now New England at Cape Cod 65 days after leaving England and far from her original destination of Hudson River in Virginia. One passenger, a young servant boy, died of a fever brought on by seasickness and the cold weather

while a baby was born to one of the families on board. After reaching a safe harbor it was decided not to go on to their original destination but to settle and build a colony at which is now Plymouth, Massachusetts. On November 11, 1620 the 41 heads of families drew up and signed the Mayflower Compact which provided a legal document establishing a basis of self-government for the new colony, a forerunner of the Constitution of the United States. Many of these facts were recorded by William Bradford, an historian who later became governor of the New Colony at Plymouth. The Brit Model represents an accurate rendition of the original Mayflower with research derived from original historical documents and from the Mayflower II, a fullscale reproduction, built in 1957, of the original which duplicated the voyage from Plymouth, England to Plymouth, Massachusetts where she is permanently anchored.

PAINTS

Mahogany—dark brown

Use for masts, yard arms, pin rails, etc.

Flat medium brown

Use for hull, decks, rudder, stern and bow-sprite

White

Use for detail on stern

Black flat

Use for the hull stripes, cannon and detail on stern and lettering.

Red

Use for gunport covers

Yellow

Use for stern detail

Bright green

Use for stern detail

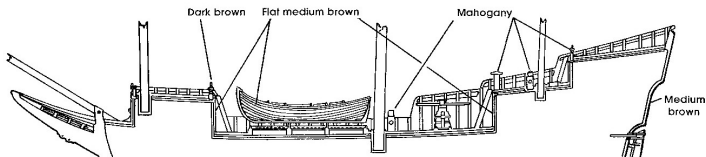
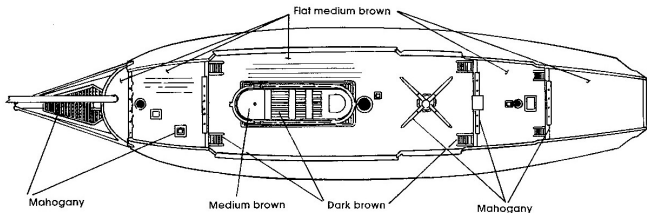
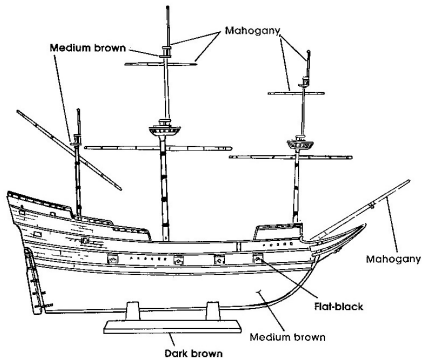
Dark flat brown

Use for life-boat decks and detailing

Gold

Use for stern detail, bell and nameplates

Be sure that the paints used are for styrene plastics. After painting the larger areas such as the hull and deck, a thin wash of approximately three parts thinner to one part flat black can be applied to these areas and immediately wiped off to highlight the detail and provide a slightly weathered look to the wood detail.



**PLEASE READ THE FOLLOWING
INSTRUCTIONS BEFORE ASSEMBLY
WORK CAREFULLY**

Before assembly check and identify each part as you go along.

Use a small set of nail clippers or a sharp hobby knife to remove parts from the "trees" and trim the "gate" area smooth if needed.

Test fit parts before cementing, trim or file parts to fit if necessary. For a completely finished model small gaps and joint lines may be filled with a filler putty especially designed for styrene plastic. Check better hobby departments and shops for all of your model building supplies.

Many building sequences are designed to be built only one way so it is advised that you follow the instructions carefully, otherwise you may have unnecessary difficulty with you model.

Be sure to note the painting tips as you proceed with your model.

FITTING THE RIGGING

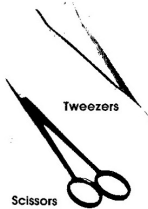
The tools and cement shown below may be used to assemble the rigging lines.



Clips



Instant adhesive



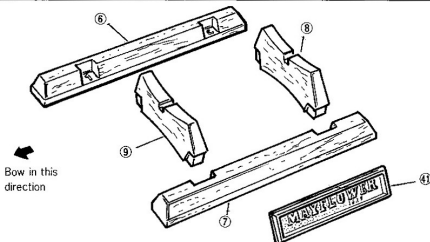
Tweezers

Scissors

DISPLAY BASE

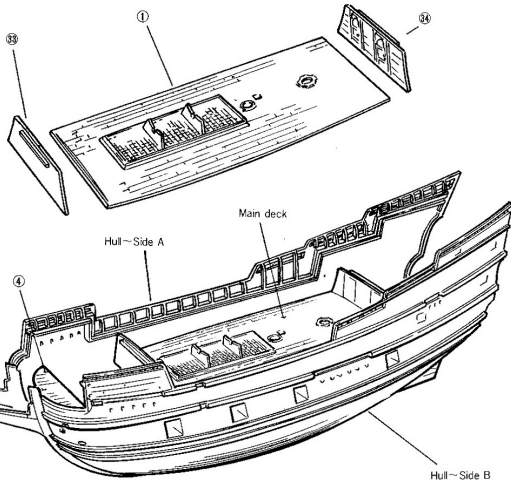
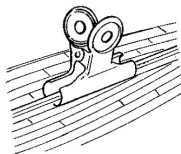
1. Cement the brackets 8 and 9 to one of the supports 7 and then to the other support 7. Note the identification numbers in the notches match for proper assembly.

Base, Mahogany
Name plate, brown,
edge black, letters gold.
Cement the Nameplate 41 to the top of one of the supports 7.



HULL AND DECK ASSEMBLY

2. Cement Deck 1 and Bow deck 4 to Hull side B, then carefully assemble Hull side A to decks and Hull side B. Small clips may be used to hold the hulls together while the cement dries. Place them along the keel area.

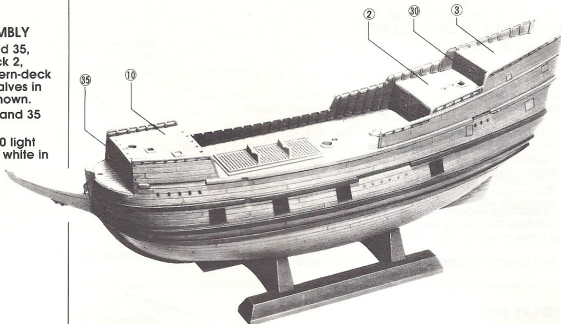


FINAL DECK ASSEMBLY

3. Cement bulkhead 35, foredeck 10, aftdeck 2, bulkhead 30 and stern-deck 3 in between hull halves in that sequence as shown.

Paint bulkheads 30 and 35 medium brown

Paint decks 2, 3 & 10 light brown (one drop of white in medium brown)



STERN ASSEMBLY

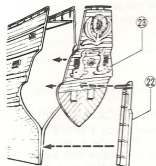
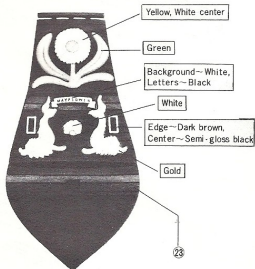
4. Cement stern 23 into hull halves, then cement rudder to stern.

Paint stern detail as shown either before or after assembly.

NOTE: If you are spray painting, assemble entire hull up to this point and then paint, add detail painting as indicated after base color is dry.

Paint stern 23 medium brown on the outside and mahogany on the inside. Outside detail may be painted at this time.

Paint the rudder 22 medium brown.

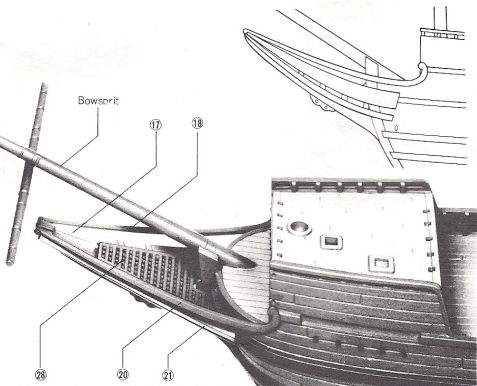
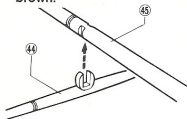


BOW ASSEMBLY

5. Cement bowsprit yard-arm 44 to bowsprit 45, then cement bowsprit to bow-deck and front of hull as shown.

Cement bowsides 17 and 21 to hull and prow, then cement bow rails 18 and 20 in place as shown. Finally cement grate 28 to prow and bow sides as shown in the photograph.

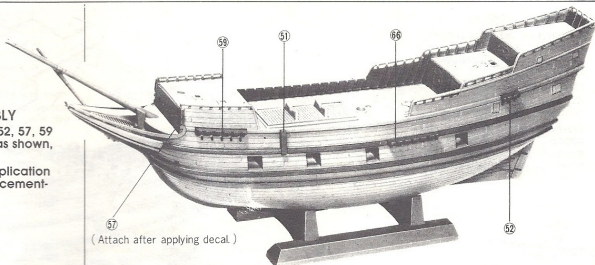
Paint bowsprit mahogany
Paint bow assembly medium brown.



HULL TRIM ASSEMBLY

6. Cement trim 51, 52, 57, 59 and 66 to hull side as shown, do both sides.

NOTE: see decal application on page six before cementing trim in place.

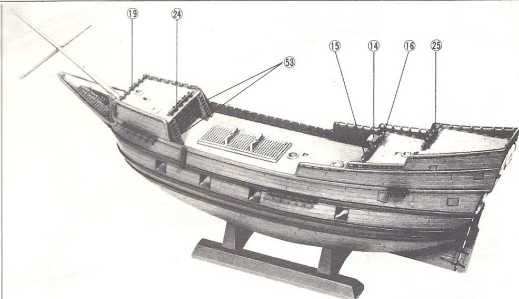


DECK TRIM ASSEMBLY

7. Carefully cement pinrails 15, 16, 19, 24 and 25 to the decks as shown. Cement stand 14 in place as shown and cement ladders 53 (two) to forward deck as shown in photograph.

Paint pinrails mahogany and pins dark brown

Paint ladders dark brown
Paint stand mahogany and bell gold.



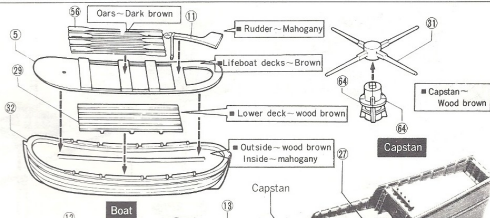
DECK ACCESSORIES

8. Assemble the Lifeboat as shown—lower deck 29 into hull 32, then upper deck 5 to hull. Carefully cement oars 56 (eight) to upper deck then cement rudder 11 into place.

Cement capstan base 64 and capstan arms 31 together

Cement ladders 54 (two) to aft deck and ladders 55 (two) to stern deck

Cement hold vents 12, 13 and 27 to decks as shown

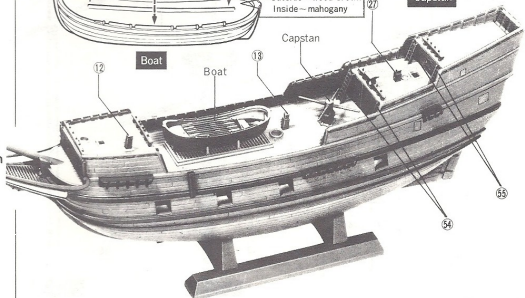


Now cement assembled life boat and capstan onto main deck as shown in the photograph

Paint vents 12, 13 & 27 mahogany

Paint ladders 54 & 55 dark brown

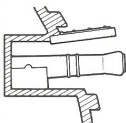
Paint all other components as called out in the illustration. Some parts should be painted before assembly.



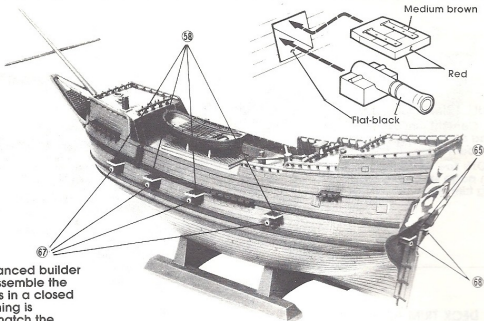
CANNON ASSEMBLY

9. Paint all parts as shown before assembly. Be sure to paint inside of all gun ports flat black.

Cement stern cannon 68 (two) into stern, then cement gunports 65 (two) into place
Cement side cannon 67 into place (four per side) then cement gunports 58 into place as shown (four per side)



NOTE: the advanced builder may wish to assemble the gunport covers in a closed position. Trimming is necessary to match the covers to the ports.

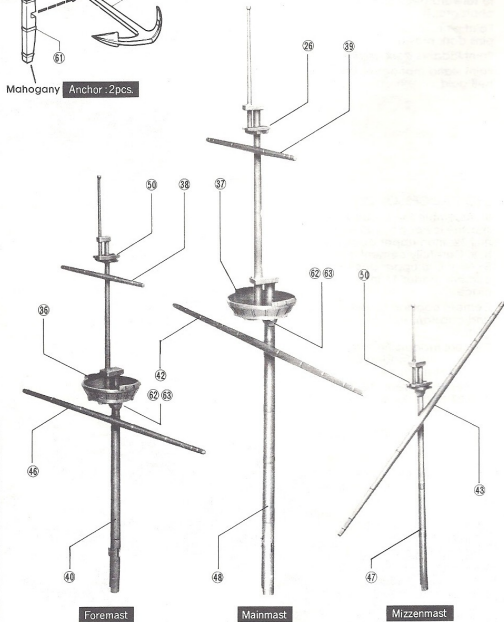
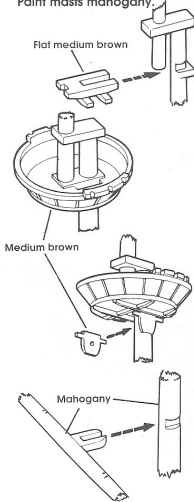
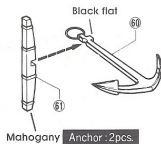


MAST AND ANCHOR ASSEMBLY

10. Assemble the anchors (two) as shown.

Assemble the crossrees 50 (two) and 26 to masts, note matching numbers in photograph. Then cement cross-reefs 36 & 37 to masts before attaching yardarms, again check matching parts in photographs.

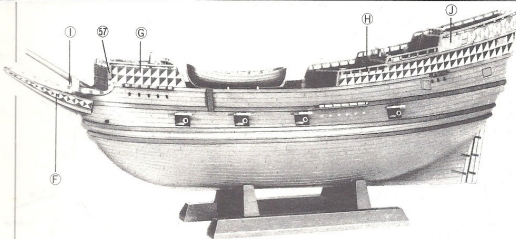
Paint masts mahogany.



DECAL APPLICATION

11. Carefully trim decals from sheet next to color edge. Be sure to trim out all holes and slots — use a sharp hobby knife.

Apply decals as shown, wet down the areas to be decal-ed to ease location, blot dry with a tissue paper to remove excess water after application.



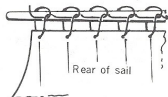
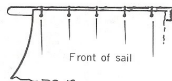
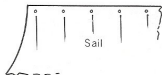
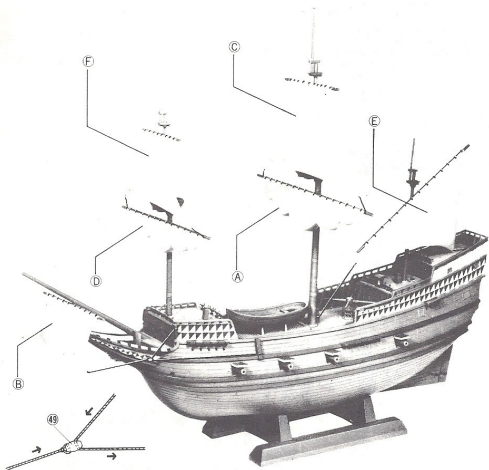
MAST ASSEMBLY AND SAIL ATTACHMENT

12. Cement assembled masts to deck, foremast 40 to main deck and mizzenmast 47 to aftdeck.

Sails may be attached before masts are cemented to the decks.

Remove sails from sheet by scoring around sail edges with a sharp knife, then carefully break away excess sheet plastic. Small sharp scissors may also be used. Carefully open indented holes in edges of sails with a pin-vise drill or the tip of a sharp hobby knife. Then carefully run thread through holes and around yardarms as shown, attaching sails to the masts. See the photograph for the proper sail location points. Be sure to pull the thread tight and fasten with cement at the ends of the yardarms.

Note that the bottom of the bowsprit sail is attached with rigging lines and a deadeye 49 (two). The mizzen sail is also attached with rigging. Note the attachment points in the photograph. Instant cement may be used for the rigging.



FITTING THE RIGGING

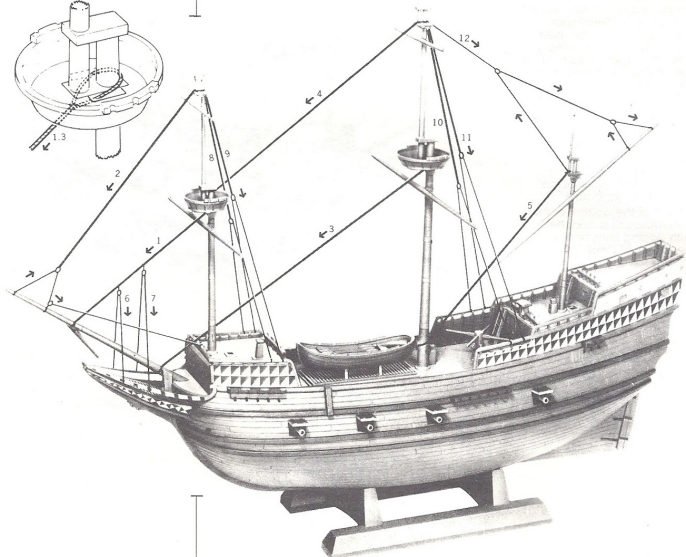
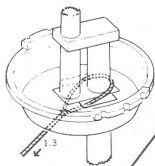
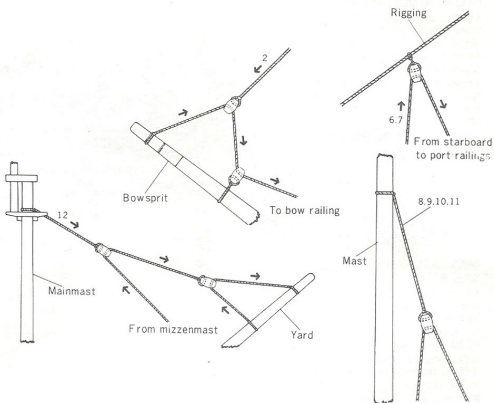
13. Lines 1 through 5 are heavy thread, all the rest are light thread.

Start with 1 through 5, loop and tie lines one and three through the crows nests as shown in the illustration.

Follow the numerical sequence as shown in attaching all lines.

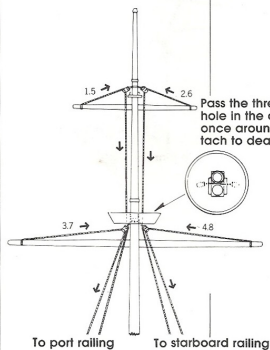
Follow the detail illustrations in sequence to properly assemble deadeye tackle-blocks 49 (ten). (The sails have been omitted to show rigging location).

Follow the assembly sequence as numbered on the illustrations and photograph. Be careful and don't hurry, clove hitches may be used to tie the lines in place. Be sure to stretch the threads taut before tying. Instant cement may be used for some attaching points. Carefully waxing the thread will eliminate some of the loose fibers and insure a more authentic appearance.

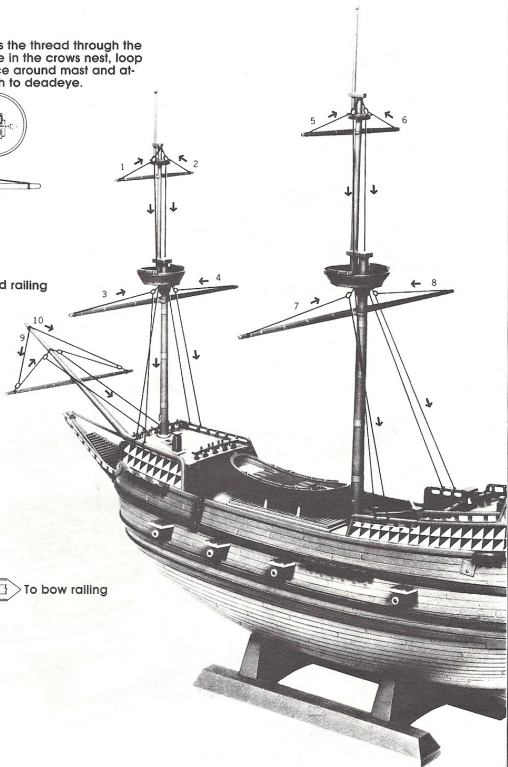
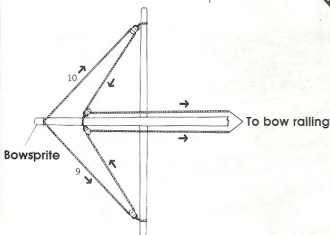


YARDARM RIGGING

14. Starting at the bowsprit, assemble the yardarm rigging as shown using the deadeye tackleblocks 49 (twelve).



Pass the thread through the hole in the crow's nest, loop once around mast and attach to deadeye.

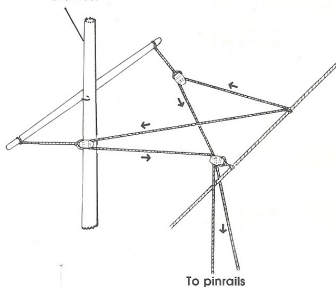


FITTING THE BRACE RUNNER RIGGING

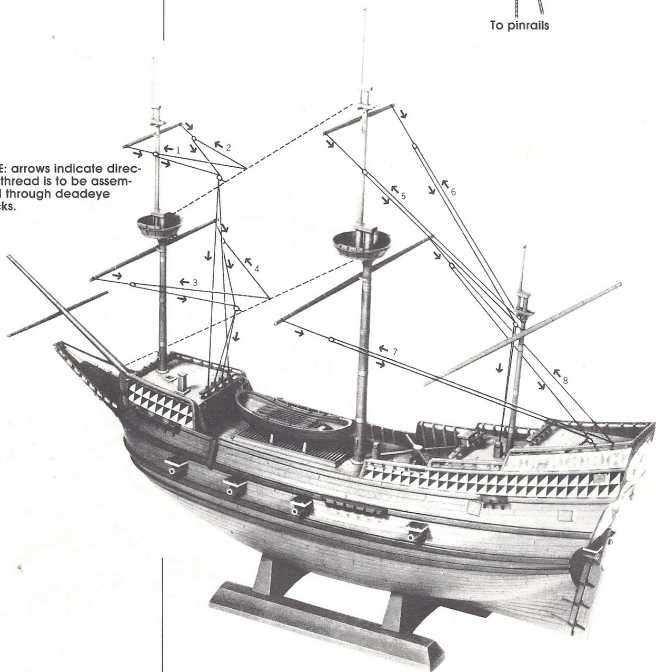
15. Use the light thread for this rigging. Assemble as shown in the illustration and photograph, attaching the deadeye blocks 49 (eleven) first.

Be sure to follow the numerical sequence as shown in the illustration and photograph, stretching the lines taut before tying.

Foremast

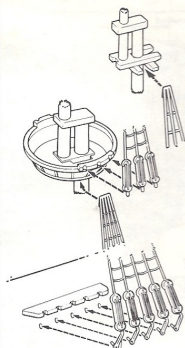


NOTE: arrows indicate direction thread is to be assembled through deadeye blocks.

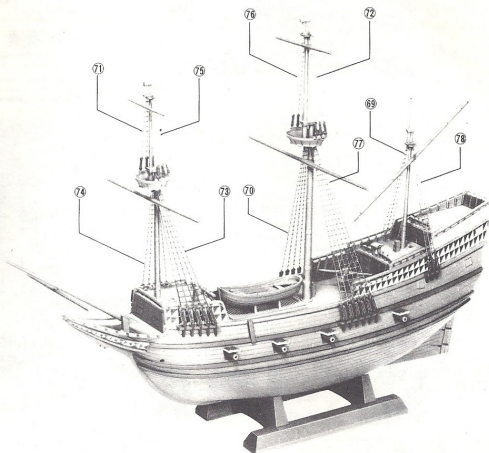


SHROUD LINE ASSEMBLY

16. Cement the shroud lines in the order shown in the photograph and illustrations. Note that the bottom ends must be carefully bent to fit to the locating holes in the hull.

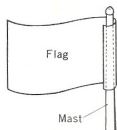
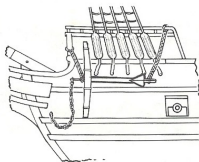


Bend carefully.

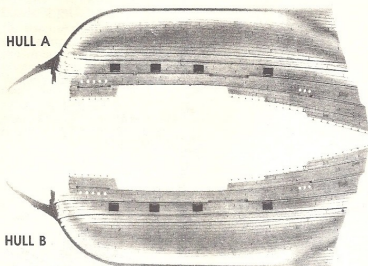


FINAL ASSEMBLY

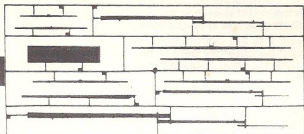
17. Cement the anchors (two) to each side of the ship as shown. Cement the flags to the top of the masts as shown.



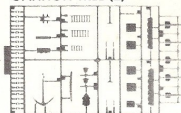
PART TREE LAYOUT



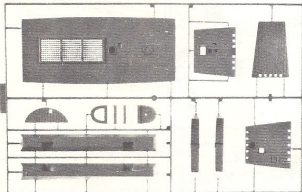
MAST TREE



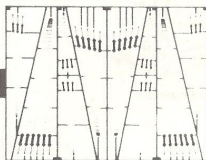
CANNON TREE (2)



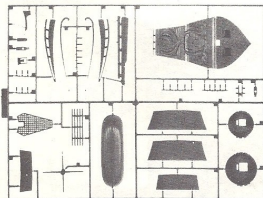
DECK TREE



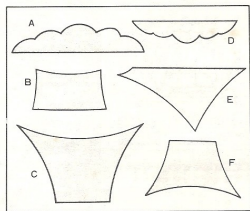
RIGGING TREE



STERN TREE



VACUUM FORMED SAIL SHEET



Description	Quantity	Description	Quantity
Thick rope	1 roll	Flag	1
Thin rope	1 roll	Decals	1

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