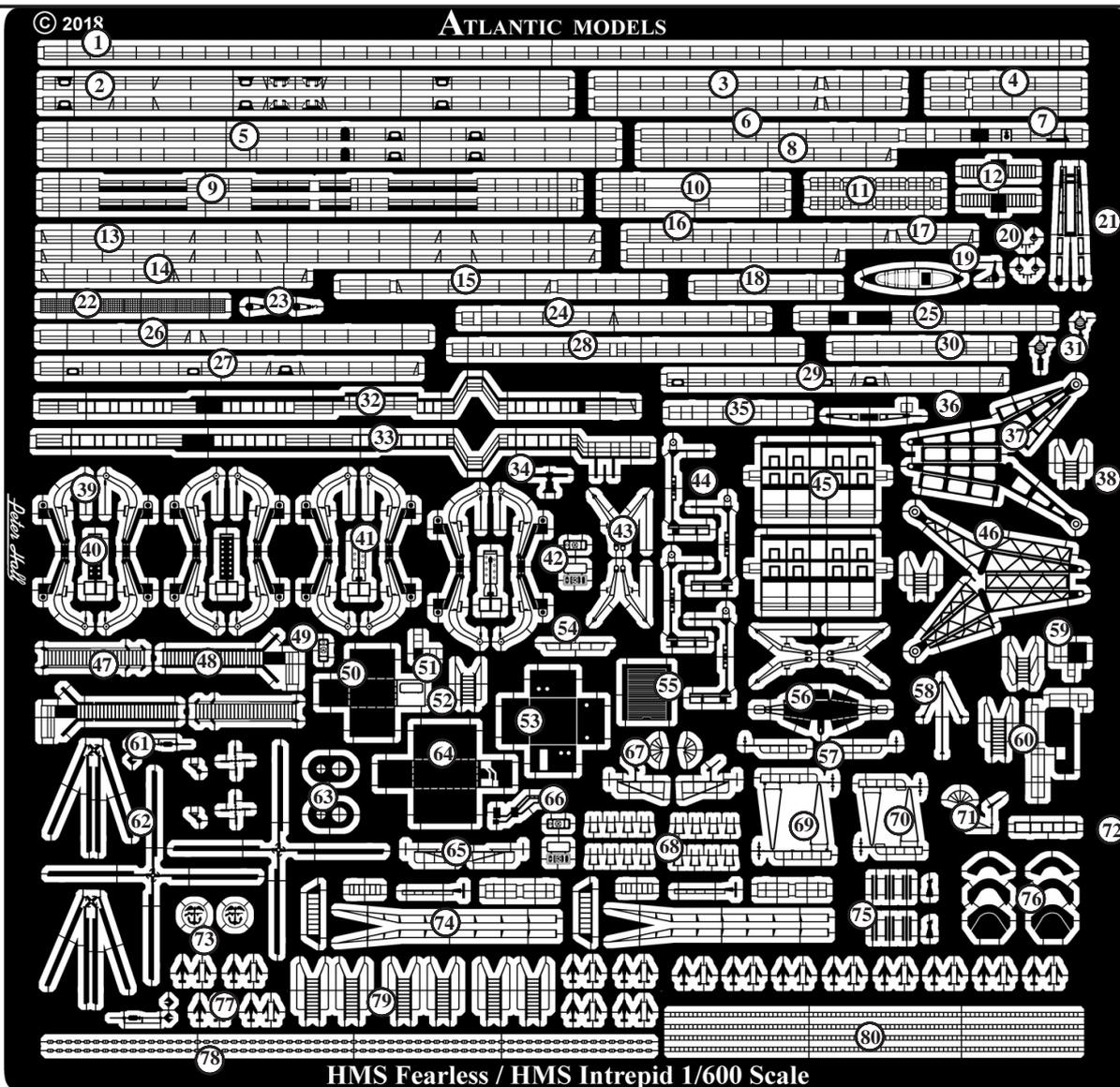


Parts List



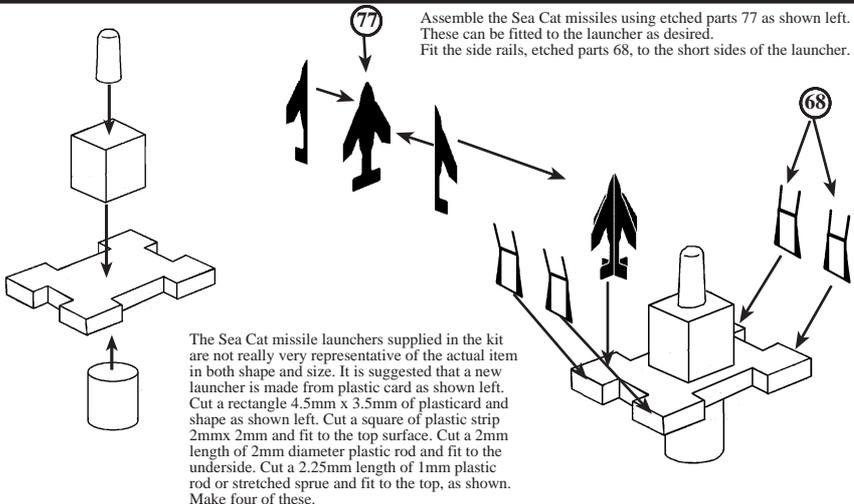
HMS Fearless / HMS Intrepid 1/600 Scale

- | | | | |
|--|--|-----------------------------------|-----------------------------------|
| 1. Railing (3 Bar Stock Extra) | 21. Flight Deck Crane Jib | 41. Stern Plates (Intrepid) | 61. Dan Bouy Markers |
| 2. Railings (Main Deck Forward) | 22. Flight Deck Aft Safety Nets | 42. Deck House Door Assy | 62. Wessex Helicopter Parts |
| 3. Railings (Bridge Deck) | 23. Crane Hooks | 43. Boat Davits | 63. Funnel Cap Plates |
| 4. Railings (Embarkation Ladder Platforms) | 24. Railings(Forward Observation Deck) | 44. Boat Davit Frames | 64. Radar Driver House |
| 5. Railings (Main Deck Aft) | 25. Railings (Sea Cat Director House) | 45. Fwd Life Raft Frames | 65. Yardarms (Fore Mast Quarters) |
| 6. Railings (Aft Superstructure Late Fit Port) | 26. Railings (Forward Seacat Deck) | 46. Large Crane Jib (Fearless) | 66. Radar House Wave Guides |
| 7. Railings (Aft Superstructure Late Fit Rear) | 27. Railings (Port Side Stern) | 47. Embarkation Ladder Outer | 67. Yardarms (Main Mast Middle) |
| 8. Railings (Aft Superstructure Late Fit Stbd) | 28. Railings (Upper Deck House) | 48. Embarkation Ladder Main | 68. Sea Cat Launcher Rails |
| 9. Railings (Boat Decks) | 29. Railings (Stbd Side Stern) | 49. Deck House Door Face | 69. Yardarms (Main Mast Upper) |
| 10. Railings (Life Raft Upper Platform) | 30. Railings (Flight Deck Cabin Roof) | 50. Top Director House | 70. Yardarms (Fore Mast Side) |
| 11. Railings (Inner Well Deck Sides) | 31. Search Lights | 51. FlyCo Roof Ladder Plate | 71. Sword and Shield Antenna |
| 12. Catwalk Access Ladders | 32. Railings (FD Catwalk Starboard) | 52. FlyCo Roof Ladder | 72. FlyCo Window Frames |
| 13. Railings (Flight Deck Sides) | 33. Railings (FD Catwalk Port) | 53. Flight Deck Cabin | 73. Funnel Badges |
| 14. Railings (Flight Deck Aft) | 34. IFF Antenna | 54. Yardarms (Main Mast Lower) | 74. Landing Craft Details (LCU) |
| 15. Railings (Aft Superstructure Deck Early) | 35. Railings(Main Mast Top) | 55. Vehicle Deck Door | 75. Corvus Craft Launchers |
| 16. Railings (Mid Superstr Deck Sides Early) | 36. Bridge Front DF Aerial | 56. Fore Mast Top Platform (Late) | 76. Chaff Launcher Enclosures |
| 17. Railings (Mid Superstr Deck Aft Early) | 37. Large Crane Jib (Intrepid) | 57. Yardarms (Fore Mast Late) | 77. Sea Cat Missiles |
| 18. Railings (Top Director House) | 38. Inclined Ladders (Short) | 58. Forward RAS Gantry | 78. Anchor Chain |
| 19. 27' Motor Whaler Parts | 39. LCVP Davits | 59. FlyCo Ladders (Lower) | 79. Inclined Ladders |
| 20. Signal Lamps | 40. Stern Plates(Fearless) | 60. FlyCo Ladders (Upper) | 80. Vertical Ladders |

General Instructions

- Do not remove the etched parts from the fret until you are ready to use them.
- Before assembly, soak the etched parts in a suitable solvent, such as white spirit, to de-grease the surfaces for painting. It is recommended that the entire fret be primed with an acrylic automotive primer, such as Halfords Grey Primer before assembling any of the parts.
- Cyanoacrylate adhesive (Super glue) or contact adhesive such as a white PVA glue may be used. These can be applied with a pin or piece of stretched sprue.
- When removing parts from the fret, place the fret on a hard surface, such as a smooth ceramic tile, in order to prevent parts bending whilst cutting through the holding tabs. It is suggested that a No.10 rounded type of modelling knife blade is used for this purpose.
- When shaping or bending a part, a straight edged blade such as a chisel blade will give a good sharp corner, or alternatively an Atlantic Models Folding Tool ATT 01 or ATT 02 may be found to be useful
- If a part is bent incorrectly, lay it on a hard flat surface and roll it flat with a cylindrical object such as a modelling knife handle.

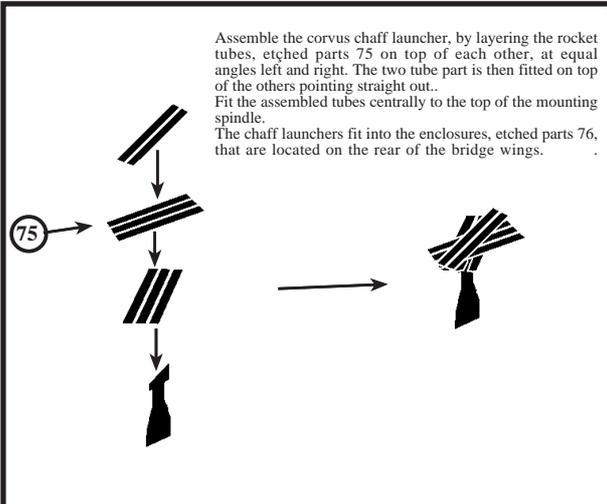
Sea Cat Missile Launcher



The Sea Cat missile launchers supplied in the kit are not really very representative of the actual item in both shape and size. It is suggested that a new launcher is made from plastic card as shown left. Cut a rectangle 4.5mm x 3.5mm of plastic card and shape as shown left. Cut a square of plastic strip 2mm x 2mm and fit to the top surface. Cut a 2mm length of 2mm diameter plastic rod and fit to the underside. Cut a 2.25mm length of 1mm plastic rod or stretched sprue and fit to the top, as shown. Make four of these.

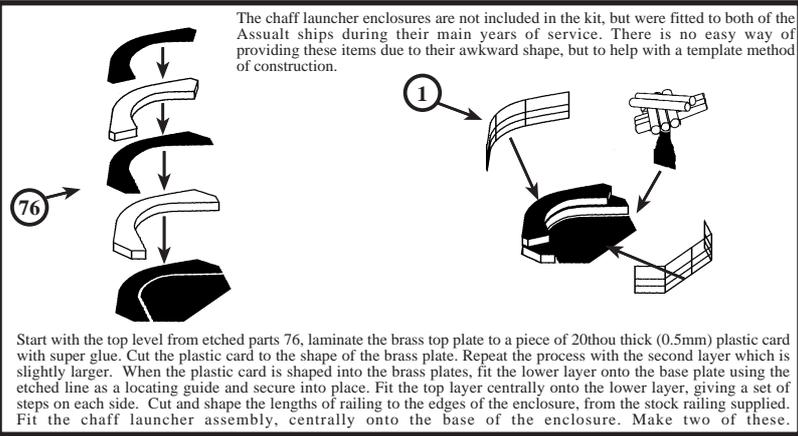
Assemble the Sea Cat missiles using etched parts 77 as shown left. These can be fitted to the launcher as desired. Fit the side rails, etched parts 68, to the short sides of the launcher.

Corvus Chaff Launcher Assembly



Assemble the corvus chaff launcher, by layering the rocket tubes, etched parts 75 on top of each other, at equal angles left and right. The two tube part is then fitted on top of the others pointing straight out. Fit the assembled tubes centrally to the top of the mounting spindle. The chaff launchers fit into the enclosures, etched parts 76, that are located on the rear of the bridge wings.

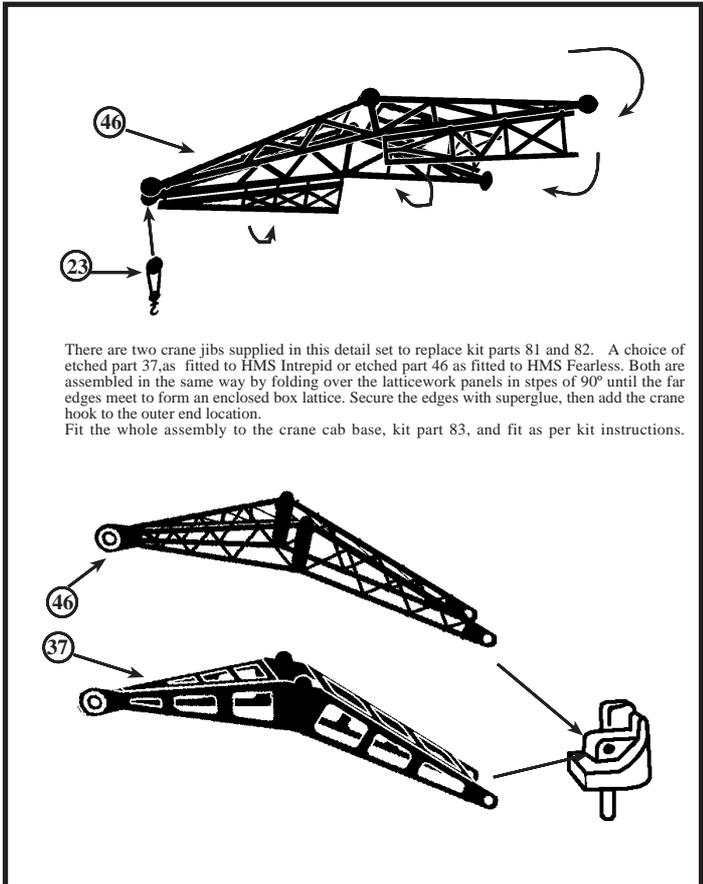
Corvus Chaff Launcher Enclosure Assembly



The chaff launcher enclosures are not included in the kit, but were fitted to both of the Assault ships during their main years of service. There is no easy way of providing these items due to their awkward shape, but to help with a template method of construction.

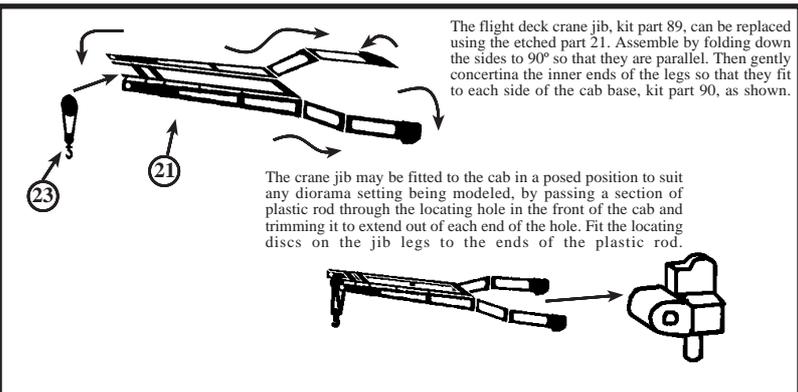
Start with the top level from etched parts 76, laminate the brass top plate to a piece of 20thou thick (0.5mm) plastic card with super glue. Cut the plastic card to the shape of the brass plate. Repeat the process with the second layer which is slightly larger. When the plastic card is shaped into the brass plates, fit the lower layer onto the base plate using the etched line as a locating guide and secure into place. Fit the top layer centrally onto the lower layer, giving a set of steps on each side. Cut and shape the lengths of railing to the edges of the enclosure, from the stock railing supplied. Fit the chaff launcher assembly, centrally onto the base of the enclosure. Make two of these.

Well Deck Crane Assembly



There are two crane jibs supplied in this detail set to replace kit parts 81 and 82. A choice of etched part 37, as fitted to HMS Intrepid or etched part 46 as fitted to HMS Fearless. Both are assembled in the same way by folding over the latticework panels in steps of 90° until the far edges meet to form an enclosed box lattice. Secure the edges with superglue, then add the crane hook to the outer end location. Fit the whole assembly to the crane cab base, kit part 83, and fit as per kit instructions.

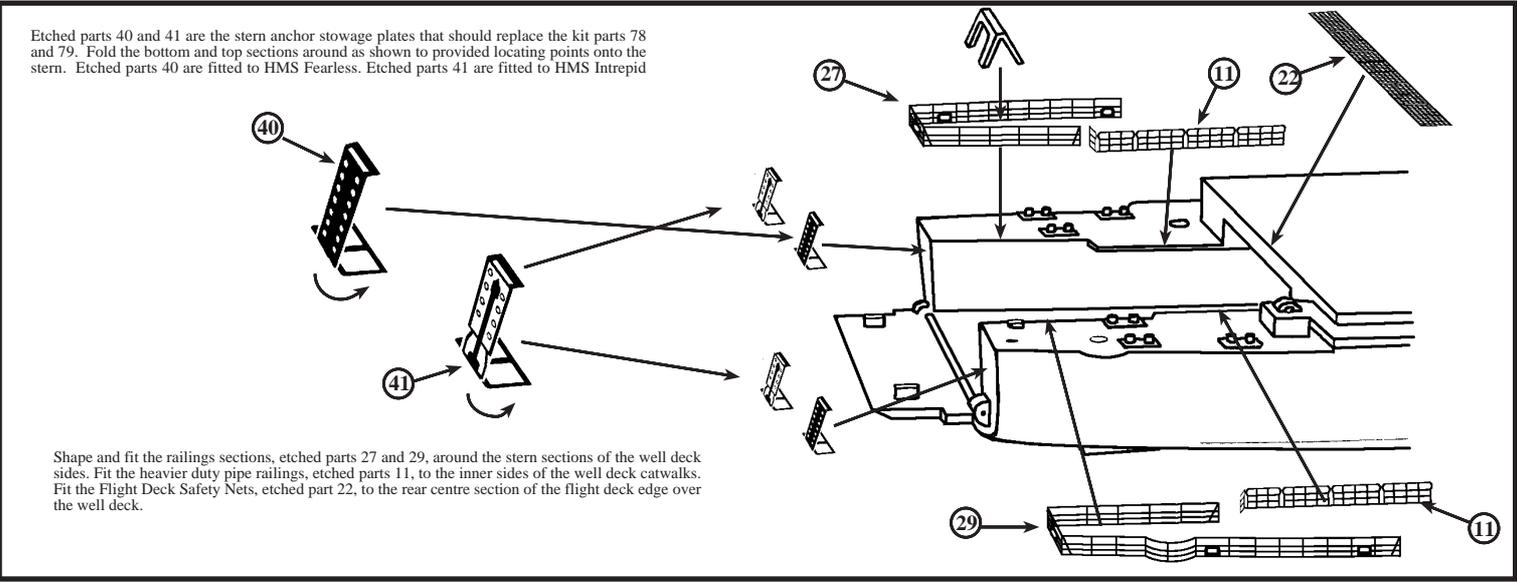
Flight Deck Crane Assembly



The flight deck crane jib, kit part 89, can be replaced using the etched part 21. Assemble by folding down the sides to 90° so that they are parallel. Then gently concertina the inner ends of the legs so that they fit to each side of the cab base, kit part 90, as shown.

The crane jib may be fitted to the cab in a posed position to suit any diorama setting being modeled, by passing a section of plastic rod through the locating hole in the front of the cab and trimming it to extend out of each end of the hole. Fit the locating discs on the jib legs to the ends of the plastic rod.

Well Deck Details Location

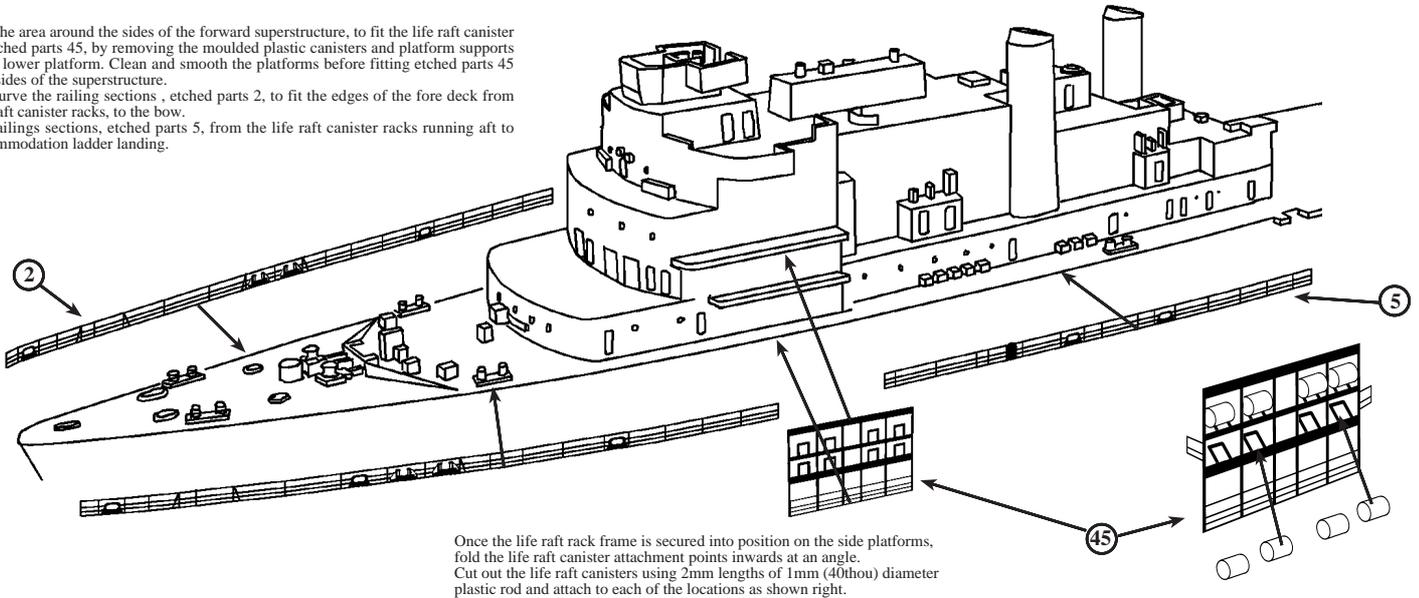


Etched parts 40 and 41 are the stern anchor stowage plates that should replace the kit parts 78 and 79. Fold the bottom and top sections around as shown to provided locating points onto the stern. Etched parts 40 are fitted to HMS Fearless. Etched parts 41 are fitted to HMS Intrepid

Shape and fit the railings sections, etched parts 27 and 29, around the stern sections of the well deck sides. Fit the heavier duty pipe railings, etched parts 11, to the inner sides of the well deck catwalks. Fit the Flight Deck Safety Nets, etched part 22, to the rear centre section of the flight deck edge over the well deck.

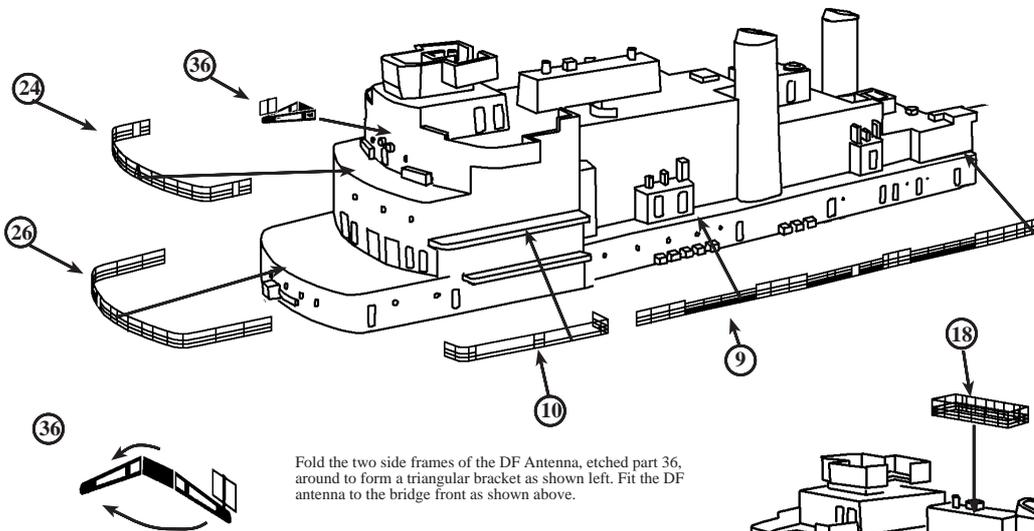
Main Deck Railings and Life Raft Rack Assembly

Prepare the area around the sides of the forward superstructure, to fit the life raft canister racks, etched parts 45, by removing the moulded plastic canisters and platform supports from the lower platform. Clean and smooth the platforms before fitting etched parts 45 on both sides of the superstructure.
Gently curve the railing sections, etched parts 2, to fit the edges of the fore deck from the life raft canister racks, to the bow.
Fit the railings sections, etched parts 5, from the life raft canister racks running aft to the accommodation ladder landing.



Once the life raft rack frame is secured into position on the side platforms, fold the life raft canister attachment points inwards at an angle. Cut out the life raft canisters using 2mm lengths of 1mm (40thou) diameter plastic rod and attach to each of the locations as shown right.

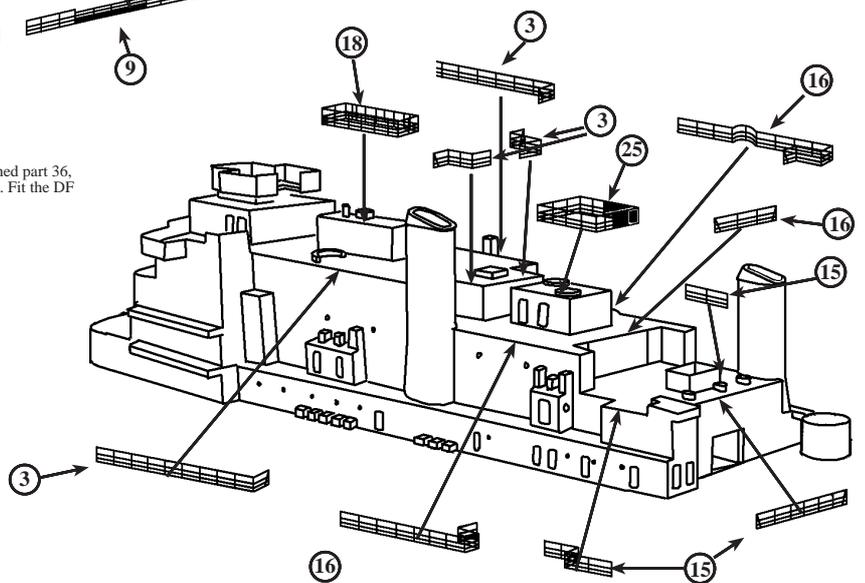
Superstructure Deck Railings Location



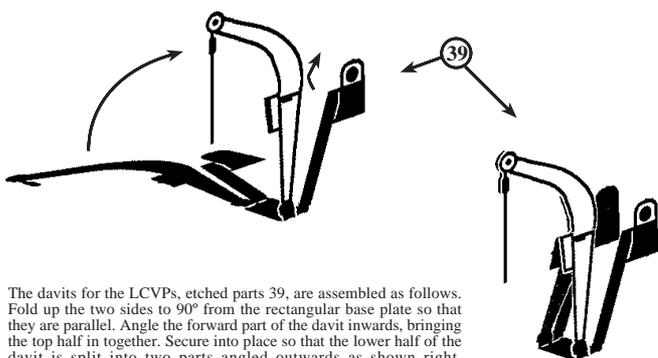
Fold the two side frames of the DF Antenna, etched part 36, around to form a triangular bracket as shown left. Fit the DF antenna to the bridge front as shown above.

Shape and fit the two sections of railing, etched parts 24 and 26, to the forward observation deck and the forward sea cat deck as shown left.
Shape and fit the railing section, etched part 10 to the upper life raft platform. Cut the life raft canisters to the size stated previously and fit on the platform adjacent to the gaps in the railings. Shape and fit the boat deck railings, etched parts 9, to each side of the superstructure deck edges.
The stepped sections in the railings are a guide as to where the boat and LCVP davits are located.

Shape and fit the sections of railings that have been provided, tailored to fit the platforms and decks of the upper superstructure as shown right. The rear section of railing, etched part 15, that passes across the rear of the superstructure may be substituted for the section, etched part 7 if desired.

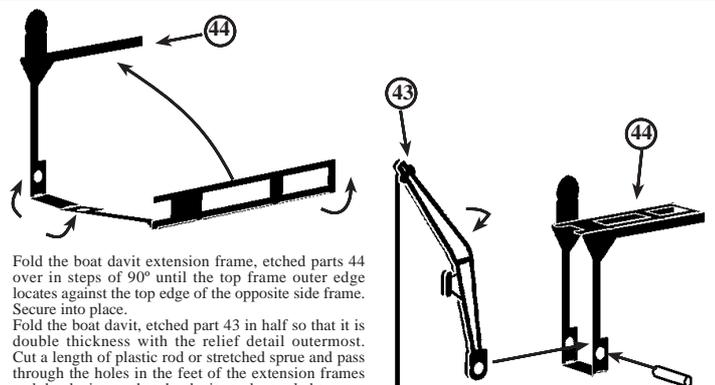


LCVP Davit Assembly



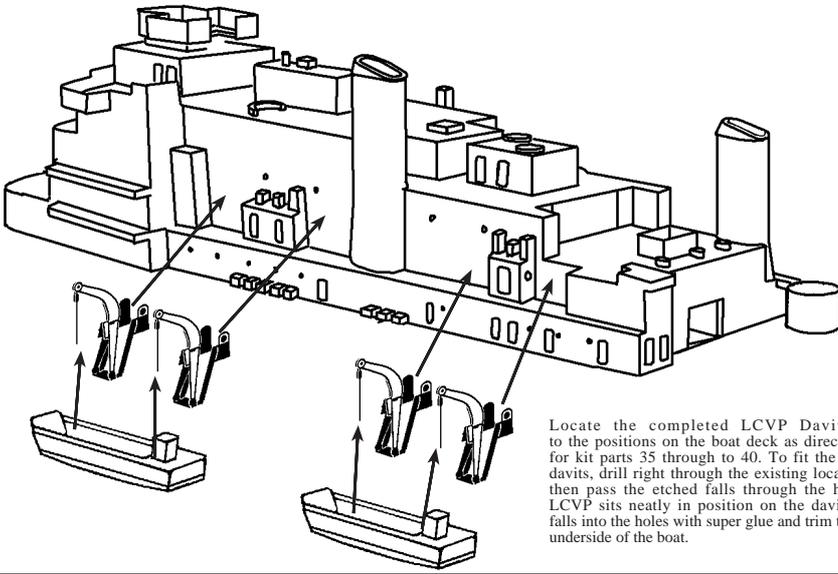
The davits for the LCVPs, etched parts 39, are assembled as follows. Fold up the two sides to 90° from the rectangular base plate so that they are parallel. Angle the forward part of the davit inwards, bringing the top half in together. Secure into place so that the lower half of the davit is split into two parts angled outwards as shown right.

Boat Davit and Support Frame Assembly

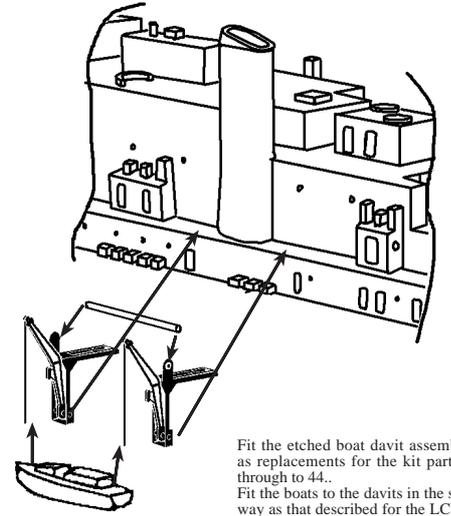


Fold the boat davit extension frame, etched parts 44 over in steps of 90° until the top frame outer edge locates against the top edge of the opposite side frame. Secure into place.
Fold the boat davit, etched part 43 in half so that it is double thickness with the relief detail outermost. Cut a length of plastic rod or stretched sprue and pass through the holes in the feet of the extension frames and the davits, so that the davit can be angled to pose in whatever position required. Secure into place.

LCVP and Boat Davit Location

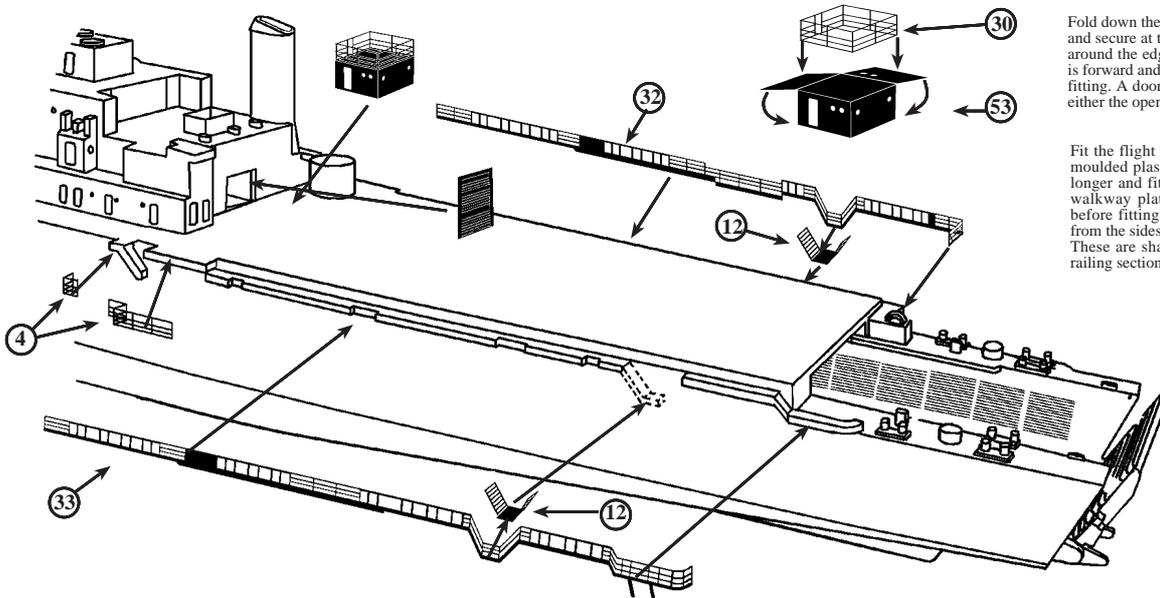


Locate the completed LCVP Davit assemblies to the positions on the boat deck as direct replacements for kit parts 35 through to 40. To fit the LCVPs to the davits, drill right through the existing locating holes and then pass the etched falls through the holes until the LCVP sits neatly in position on the davits. Secure the falls into the holes with super glue and trim to length on the underside of the boat.



Fit the etched boat davit assemblies as replacements for the kit parts 41 through to 44. Fit the boats to the davits in the same way as that described for the LCVPs.

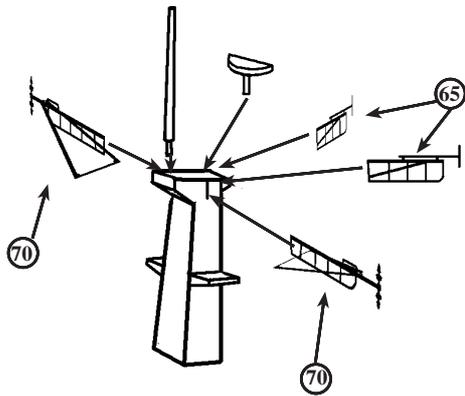
Flight Deck Catwalk Railings Location and Deck House Assembly



Fold down the four sides of the deck house etched part 53 to 90° and secure at the corners, shape the railings etched part 30 to fit around the edges of the roof. Ensure the ladder access opening is forward and that the door into the deck house is inboard when fitting. A door, etched part 42 can be fitted over the opening in either the open or closed position.

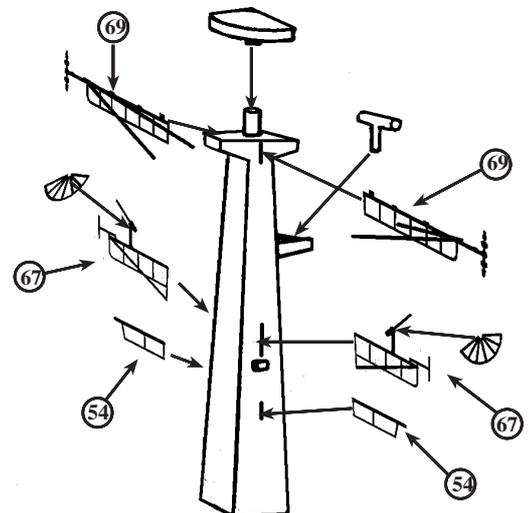
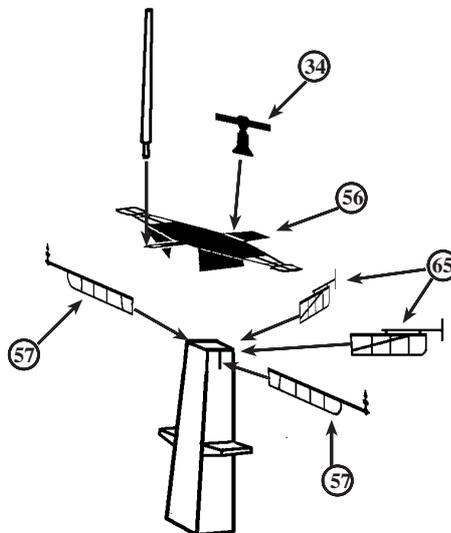
Fit the flight deck catwalk railings section to the edges of the moulded plastic catwalks as shown. Etched part 33 is slightly longer and fits to the port side. You may need to reshape the walkway platform around the crane to the form shown left before fitting the railing. Cut away the moulded plastic steps from the sides of the ship's hull and replace with etched parts 12. These are shaped to fit inside the V shaped sections on each railing section as shown.

Fore Mast and Main Mast Details



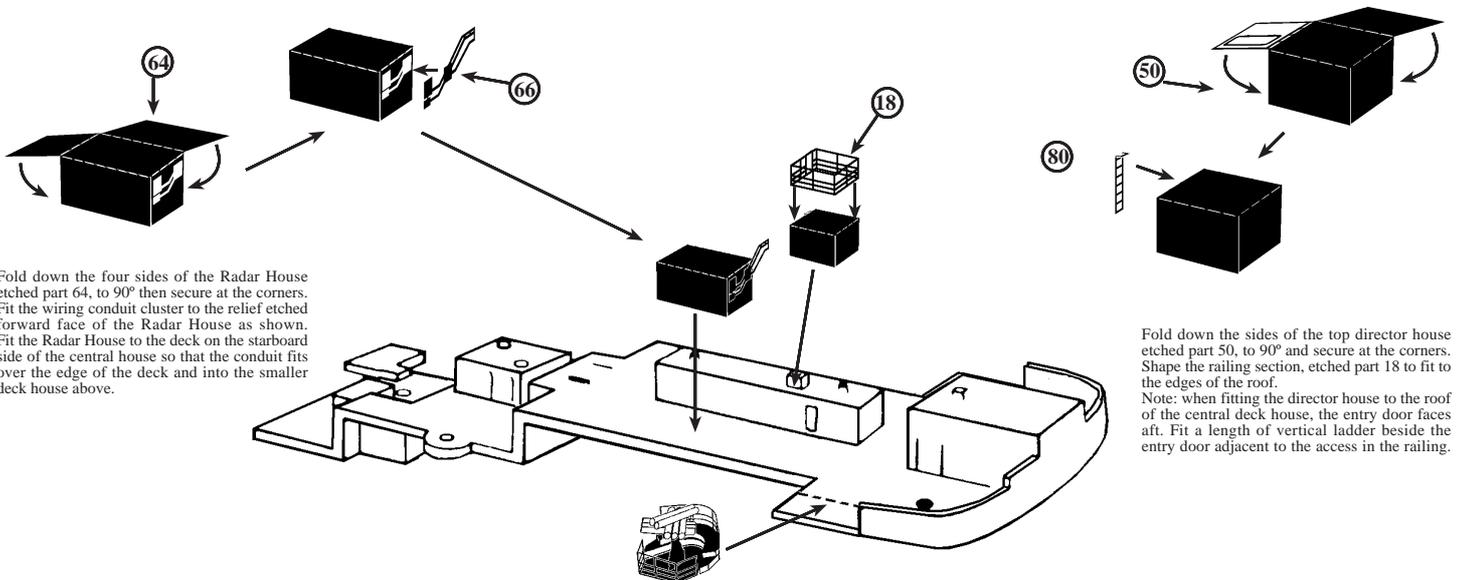
To fit out the fore mast in its early form, fit the etched yardarms into the positions as shown above, replacing kit parts 95 and 96 with etched parts 70.

To build the fore mast in its later fit, remove the moulded plastic top platform and smooth the mast top so that all sides are the same. Fold down the angled yardarm plates on etched part 56 to 90° so that they are parallel. Fit the new top platform so that it is across ways rather than fore and aft. Fit the yardarms, etched parts 57 to the underside of the centre bar on the yardarm plate. Fit the front quarter yards, etched parts 65 to the front corners of the mast facing out at 45°. Fit the IFF interrogator antenna, etched part 34 to the etched line on the fore mast platform.



Assemble the main mast as per the kit instructions, then replace the yardarms kit parts 100 and 101 with etched parts 69 as shown above. Replace kit parts 102 and 103 with etched parts 67, assembled as shown above. Add the extra small yards, etched parts 54, to the position shown.

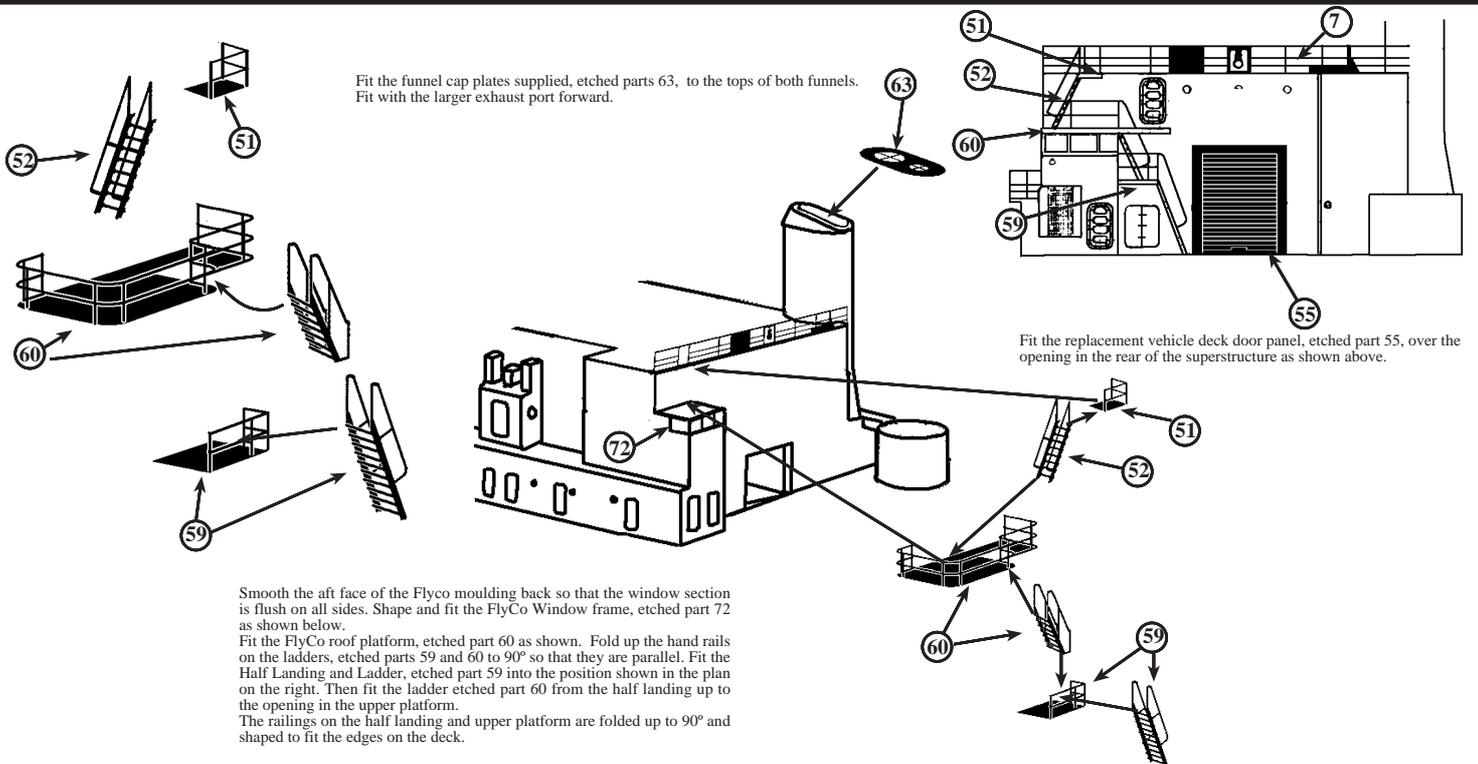
Upper Superstructure Radar and Communications House Assembly



Fold down the four sides of the Radar House etched part 64, to 90° then secure at the corners. Fit the wiring conduit cluster to the relief etched forward face of the Radar House as shown. Fit the Radar House to the deck on the starboard side of the central house so that the conduit fits over the edge of the deck and into the smaller deck house above.

Fold down the sides of the top director house etched part 50, to 90° and secure at the corners. Shape the railing section, etched part 18 to fit to the edges of the roof. Note: when fitting the director house to the roof of the central deck house, the entry door faces aft. Fit a length of vertical ladder beside the entry door adjacent to the access in the railing.

FlyCo Ladder Location and Assembly

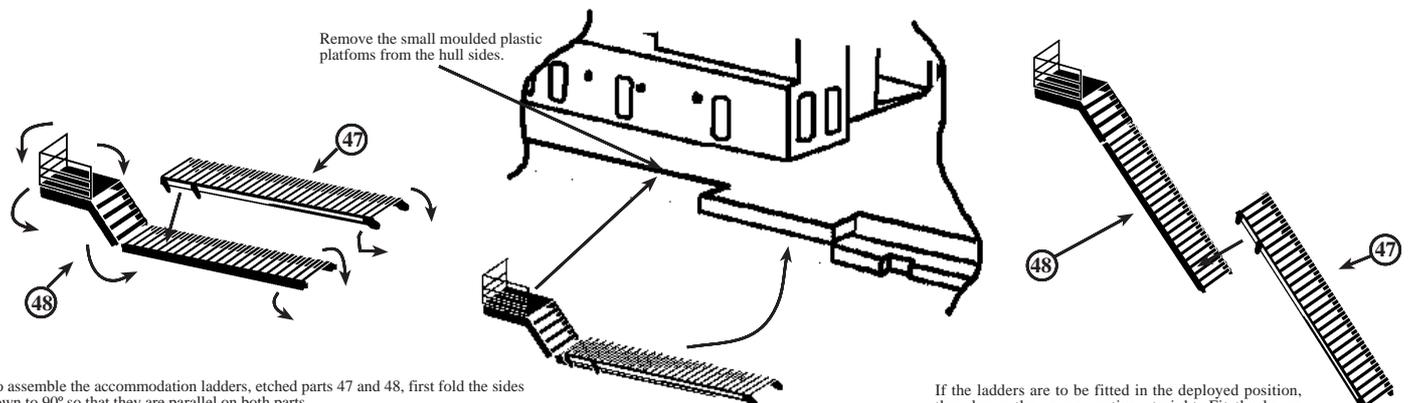


Fit the funnel cap plates supplied, etched parts 63, to the tops of both funnels. Fit with the larger exhaust port forward.

Fit the replacement vehicle deck door panel, etched part 55, over the opening in the rear of the superstructure as shown above.

Smooth the aft face of the FlyCo moulding back so that the window section is flush on all sides. Shape and fit the FlyCo Window frame, etched part 72 as shown below. Fit the FlyCo roof platform, etched part 60 as shown. Fold up the hand rails on the ladders, etched parts 59 and 60 to 90° so that they are parallel. Fit the Half Landing and Ladder, etched part 59 into the position shown in the plan on the right. Then fit the ladder etched part 60 from the half landing up to the opening in the upper platform. The railings on the half landing and upper platform are folded up to 90° and shaped to fit the edges on the deck.

Accommodation Ladder Assembly



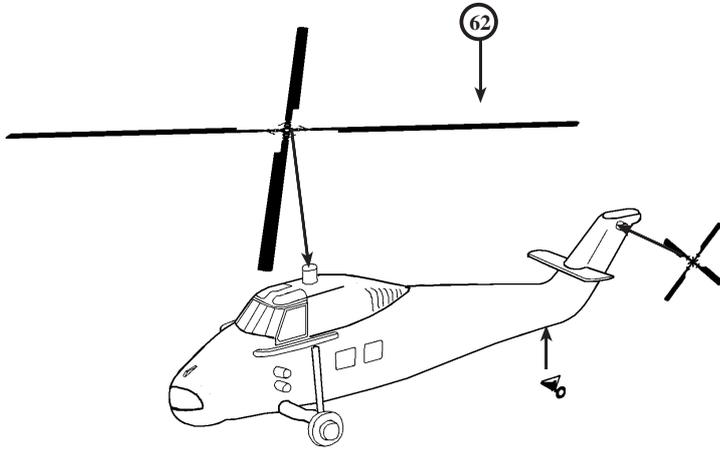
Remove the small moulded plastic platforms from the hull sides.

To assemble the accommodation ladders, etched parts 47 and 48, first fold the sides down to 90° so that they are parallel on both parts. Next fold down the top landing to locate onto the support beams at the top of the upper ladder section 48 and secure into places. Fold the railings up to 90° and fix to the edge of the platform. If the ladder is to be fitted in the stowed position, bend the upper ladder section at the cuts as shown above. Fit the lower ladder section over the upper section and secure into place.

If the ladders are to be fitted in the deployed position, then leave the upper section straight. Fit the lower section over the bottom of the upper section as shown.

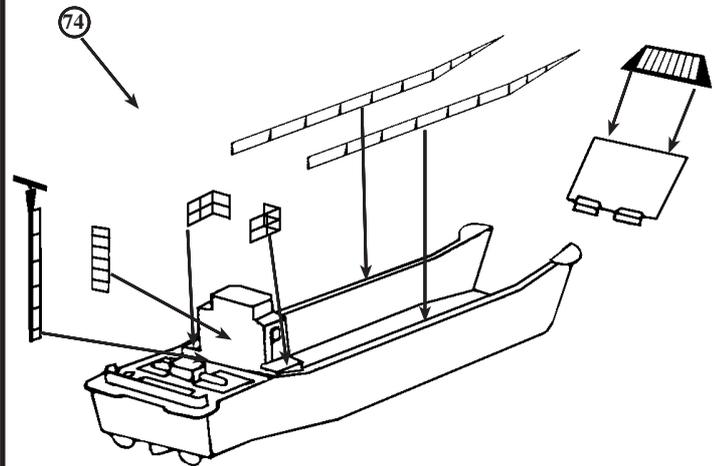
To fit the accommodation ladders into place on the ships side the moulded plastic platforms must first be removed and the surface smoothed in.

Wessex HU 5 Helicopter Fittings



The Wessex HAS 1 fuselage supplied in the kit, as part 118 & 119, may be further enhanced by replacing kit parts 116 & 117 Tail Rotors and 120 & 121 Main Rotors with etched parts set 62. A replacement tail undercarriage unit, has also been supplied.
For those who wish to add a bit of diversity, a folded main rotor has been provided to fit in the place of the spread main rotor.

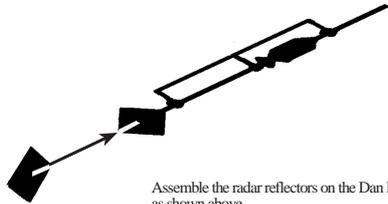
Landing Craft Utility (LCU) Fittings



To fit the details onto the two LCUs provided in the kit, first assemble the LCUs as per the kit instructions. Next cut the top angled section from the front ramp and replace with the etched part. Cut down the thin side sections from the well sides to deck level and replace with the long railing parts with the tapered ends forward.
Fit the radar mast to the port aft side of the wheel house, with the vertical ladder running up beside it. Shape the two small railing sections as shown above and fit to each side of the wheel house deck.

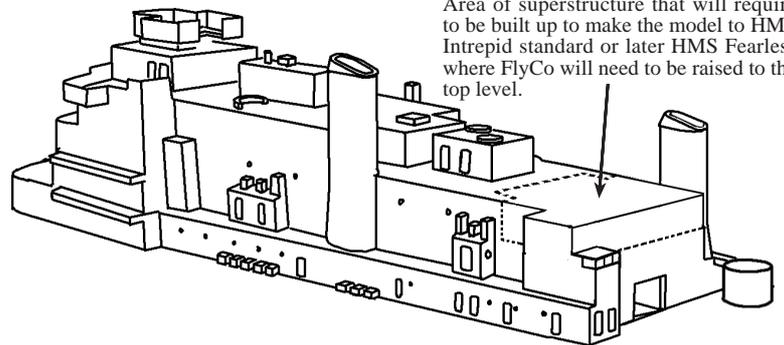
Dan Buoy Assembly

61



Assemble the radar reflectors on the Dan Buoys, etched parts 76, as shown above.
Fit the rectangular bracket arrangement onto the side railings on each stern quarter.

The colour of the reflector and body of the Dan Buoys varied from Dayglo Orange which was the most common, to Red and White 90° alternate sections



Area of superstructure that will require to be built up to make the model to HMS Intrepid standard or later HMS Fearless where FlyCo will need to be raised to the top level.

Other Instructions

1. Stock lengths of railings, etched parts 1, have been supplied to cater for any areas that have not been covered by the tailored to fit railings and any modification that the individual modeller has done following further research.
Etched parts 6, 7 and 8 have been included to fit to the superstructure upper deck aft, if the modeller has been able to modernise the kit and build up the after area so that the Sea Cat deck is level. One of the diagrams indicates the area that need to be built up to portray Intrepid as built and Fearless after it's first refit.
2. Sufficient Anchor Chain, etched parts 78, has been supplied to allow not only the replacement of the chain on the focsle deck from the capstans to the hawse-pipes, but also to allow the modeller to stream anchor chain from the hawse-pipe to the surface of the water, when a diorama scene is being modelled.
3. Inclined Ladders, etched parts 79 have been supplied to replace the moulded "Aztec Steps" found in various places on the upper superstructure. The smaller ladders etched parts 38 are to replace those moulded onto the step from the catwalks to the two stern decks.
4. Combined Operations Funnel Badges are supplied to fit the the outsides of the funnels, about half way down. These are painted red emblems with a black background.
5. Vertical Ladders for fitting to the masts and platforms can be cut to the required length from the stock supplied, etched parts 80.
6. For more information on these ships, the publication Fearless & Intrepid 1965 - 2002 by Neil McCart has a lot of important photographs and written information about the Assault ships lives. Also Jacobin Plans has detailed drawings of Fearless and Intrepid at two different time frames.
7. This detail set has been designed as a straight forward enhancement for the Airfix 1/600 scale kit as it comes in the box. The kit itself is of vintage moulding from 1963 and so is not of the same standard of kit found today. Needless to say there are inaccuracies in the kit, some serious, that will need to be addressed by the modeller if an in depth build is to be carried out. To this end the details in this set will be a welcome addition providing the parts required to finish the model to a finer standard than previously possible.

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