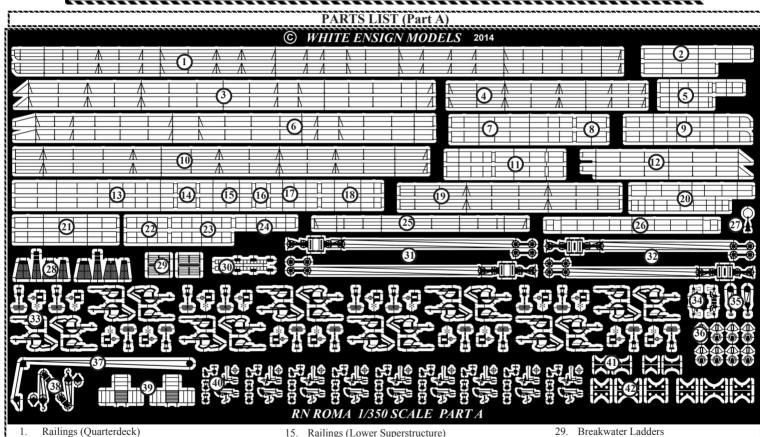


Photoetched metal detail set for the 1/350 scale Trumpeter kit.





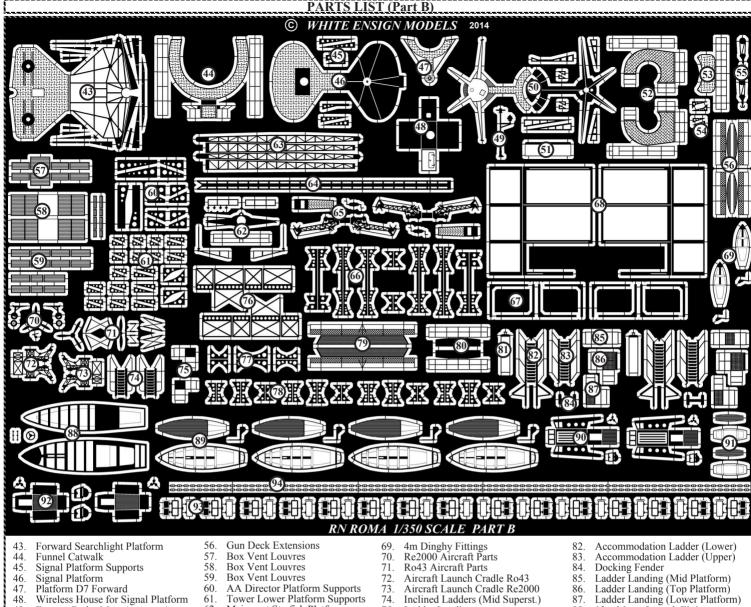
- Railings (Quarterdeck)
- Railings (Admiral's Bridge E17)
 Railings (Foc'sle Sections)
 Railings (Main Deck Aft)
 Railings (Foremast Starfish)
 Railings (Main Deck Forward)

- Railings (Platform E6)
- Railings (Platform E6)
- Railings (Forward Searchlight Platform)
- Railings (Secondary Gun Deck Aft)
 Railings (Platform D30)
 Railings (Bow Sections)
 Railings (Lower Superstructure) 10
- 11
- 12
- Railings (Lower Superstructure)

- Railings (Lower Superstructure)
- Railings (Lower Superstructure)
- Railings (Lower Superstructure) Railings (Lower Superstructure)
- Railings (Secondary Gun Deck Forward)
 Railings (Platform D7)
 Railings (Signal Platform)
 Railings (Aft Director Tower)
- 20

- Railings (Aft Director Tower)
- Railings (Aft Director Tower) Railings (Main Deck Step)
- 26. Railings (Platform D16)
- Bridge Front Loop Antenna "Gufo" Radar Antenna

- Foremast Top Light Array
- Boat Crane Rigging (Boom Stowed) Boat Crane Rigging (Boom Raised)
- Breda 20mm Twin Gun Mount
- Funnel Sirens
- Aircraft Crane Hooks
- Optical Sight Covers
- Aircraft Crane Rigging
- Boat Crane Hooks Leadsman's Platforms 38
- 39 40. Breda 3.7cm Twin Gun Fittings
- 4m Dinghy Cradles
- 10m Motor Boat Cradles



- Foretop Radar Mast Antenna Array 49
- Foretop Starfish Assembly
- 51 Foretop Platform Bulwark
- 52 Secondary Director Platforms
- 53. 54. Funnel Siren Platform
- Siren Platform Supports Aircraft Crane Hooks 55
- Mainmast Starfish Platform
- Aircraft Crane Jib
- 64. Catapult Top Track
- 65
- Paravane Rig
- Aft Upper Boat Frame Cradles 66
- Upper Boat Frame Braces 67
- Upper Boat Frame
- 75. Ladder Landings
- 76 Aircraft Stowage Frames 13m Motor Launch Cradles
- 78 8.6m Lifeboat Cradles
- Amidships Gun Deck Extensions
- 80 Foretop Director Entry Platforms
- Accommodation Ladder Yoke 81
- 13m Motor Launch Fittings 88
- 8.6m Lifeboat Fittings
- 90. 10m Motor Boat Fittings
- 91 3.5m Punt Fittings
- 12.5m Motor Boat Fittings 92
- 93 Superstructure Doors
- Anchore Chain

Instructions for working with Photoetched Metal

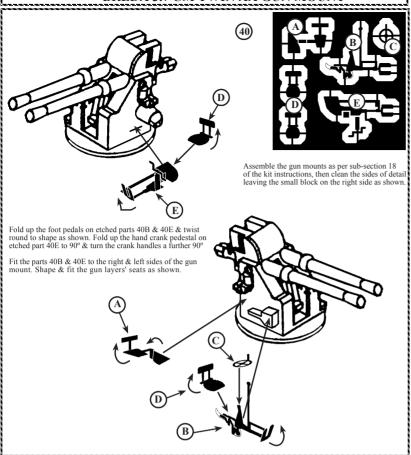
- Do not remove the etched parts from the fret until you are ready to use them.
- Before assembly, soak the etched parts in a suitable solvent, such as white spirit, to de-grease the surfaces for painting.
- Cyanoacrylate adhesive (super glue) or contact adhesive such as Elmers white glue may be used. 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. We suggest using a #11 type of modelling knife blade for this purpose.

 When shaping or bending a part, a straight-edged blade such as a chisel blade #17 or #18 will give a good sharp corner, or alternatively a small pair of smooth-jawed pliers may be used.
- 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.
- We suggest that where stock lenghts of rails are supplied, these are pre-measured before cutting, where practical, using a pair of compass dividers & then tacked to the deck edge every third or fourth stanchion with a small drop of glue. When a section is complete, run a thin line of glue along the inside edge to attach it firmly to the deck

INTRODUCTION

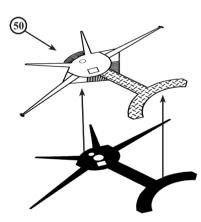
- This detail set has been designed to help the modeller enhance the appearance of the Trumpeter kit of RN Roma in 1/350 scale by adding details that are too fine to be reproduced as plastic moldings, or by replacing parts that are, by the nature of them, too out of scale or lacking in detail. This is by no means a definitive set of super details, but is aimed at correcting the kit manufacturer's errors as well as supplying a few basic cosmetic parts to enhance an otherwise excellent kit.
- We suggest that these instructions be studied thoroughly before an attempt is made at using the parts provided. References are made to locations of parts in the parts lists as well as in the particular sections relating to assembly.
- 3 We recommended that further research is done when modeling this kit, & an excellent reference can be found in the Seaforth publication The Littorio Class by Erminio Bagnasco & Augusto de Toro. This shows clear references & plans as to how the ships appeared at various time frames in their short careers. Also the Profile Morskie No 120 set of plans for *RN Roma* 1943 are a good source of information for the more detailed areas, & are in general agreement with those plans to be found in the Littorio Class publication.
- While every effort has been made to ensure as full an explanation as possible of the parts included in this set and their assembly to the relevant kit, sometimes one or two items may appear to get overlooked. If there are no assembly diagrams in the main part of the instructions then there should be a text explanation in the other instructions section or a location of parts provided in the parts list. If there is still difficulty in establishing how a part is assembled or located on the kit, contact White Ensign Models & we will be pleased to help resolve the problem.

BREDA 3.7 CM TWIN AA GUN MOUNT



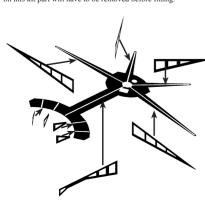
FOREMAST STARFISH PLATFORM ASSEMBLY

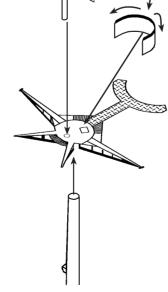
Fit the lower plate of etched part 50 to the upper plate, so that the platform is double thickness with the etched detail outermost.



Turn the starfish platform over & fit the support frames to the Turn the starfish platform over & fit the support frames to the relief-etched lines of corresponding length. It may be of more help to this operation if the mast pole were fitted to the relief-etched circle in the centre of the platform before the supports are fitted.

This platform replaces kit part D13 completely. The curved section at the end of the catwalk fits into the recess on the lookout platform, kit part E5. The moulded plastic walkway on this kit part will have to be removed before fitting.



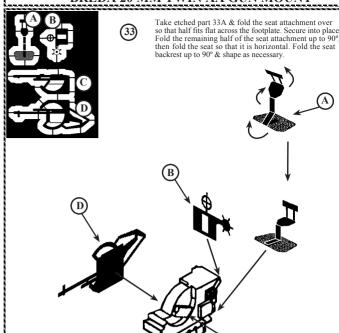


Fit part A8, the kits fore top mast, to the replacement platform as per kit instructions. Fit the position light arrays, etched parts 30 to each side of the top mast, so that the bottom of the ladders

fit onto the platform.

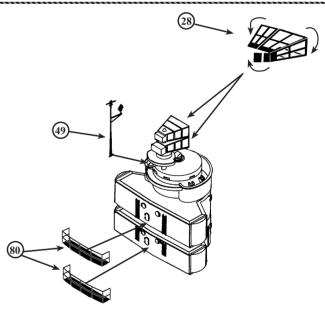
Gently curve the bulwark, etched part 51, to fit around the outside of the curved portion of the platform.

BREDA 20 MM TWIN AA GUN MOUNT



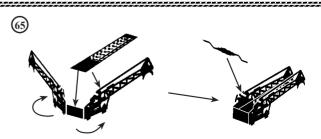
Take kit parts G21 & remove the moulded gun barrels. Flatten the detail on each side of the mounting & fit the etched gun parts 33C and 33D. The right hand barrel will sit slightly lower than the left hand barrel if fitted correctly. Fit the gun layer's controls, etched part 33B to the rear of the gun mount. Fold the hand wheel down to $90^{\rm o}$ with the small handle remaining vertical. Fit the assembled gun layer's seat & foot plate to the rear of the gun mount. Repeat this operation on all of the $20 \, \mathrm{mm}$ gun mounts.

EC-3 'GUFO' RADAR ANTENNA

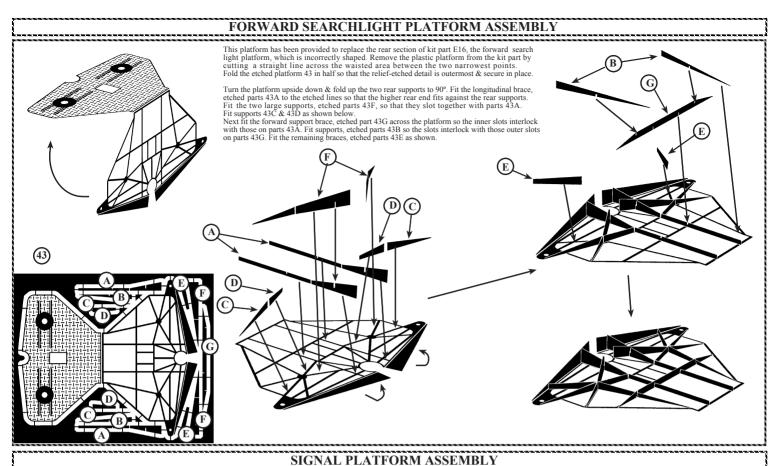


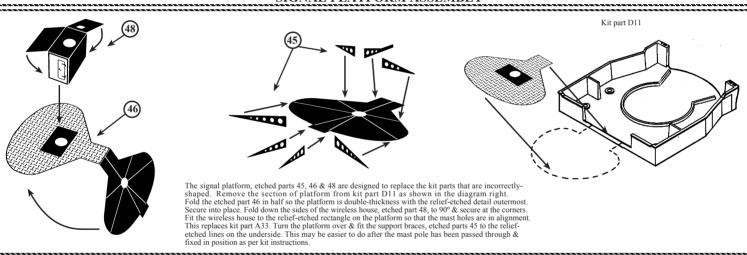
Although there are etched parts in the kit for the radar antennas, we felt that they could be made more accurate. Etched parts 28 are assembled as shown here to replace the double antenna on top of the foretop on *Roma*. Assemble to the kit parts as shown in the kit instructions. Replace the vertical pole on kit part C1 with etched part 49. Remove the moulded plastic platforms from the rear walls of the main directors, kit parts B21 & B29. Fold railings on etched parts 80, up to 90°, & shape to fit around the edges of the platforms. Fit the replacement platforms to the rear walls of the directors as shown.

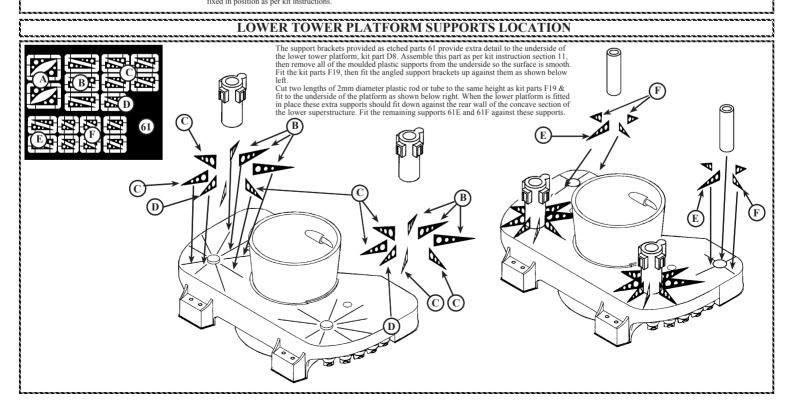
PARAVANE HANDLING GANTRY



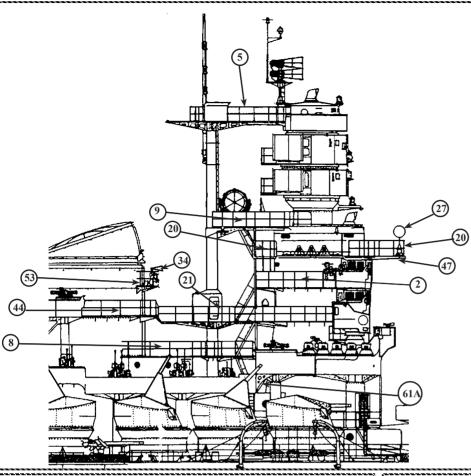
Fold the side panels of etched parts 65 around to 90° so that they are parallel. Fit the horizontal plate in between the side panels along the lower longitudinal rail & secure into place. Fit the crank handle into the slots on top of the side panels. Make two & use to replace kit parts J46 & the kit's PE option.







FORWARD SUPERSTRUCTURE TOWER PARTS LOCATION



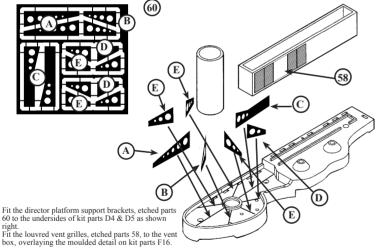
The diagram left has been included to show the location of some of the smaller etched parts in relation to the assembled kit parts. Starting from the top, after the foremast starfish platform has been fitted into place, the longer sections of the railings, etched parts 5 can then be shaped & fitted to the sides of the starfish platform. The short section fits to the rear edge of the platform. The two sections of railing, etched part 9, fit around the edge of the searchlight platform, starting at the mast & ending with the curved top part fitting on the conning tower roof. Etched parts 20 are the railings for the conning tower deck. The forward longer section fits around the front of the DF antenna platform. The rear section fits along the rear edges of kit part D7.

Platform kit part D7 also needs to have the front part where the DF antenna platform is located, removed & replaced with etched part 47 if desired.

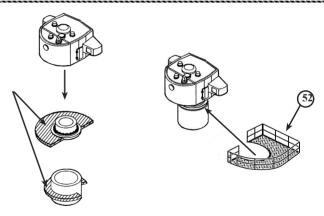
The remainder of the railing sections are fitted to the platforms as shown.

Support brackets for the lower platform, etched parts 61A are fitted so that the vertical edge is directly against the forward face of the director platform on each side of the superstructure, kit parts D4 & D5. Two brackets are fitted on each side, being toed outwards as they pass under the lower platform.

DIRECTOR PLATFORM SUPPORTS

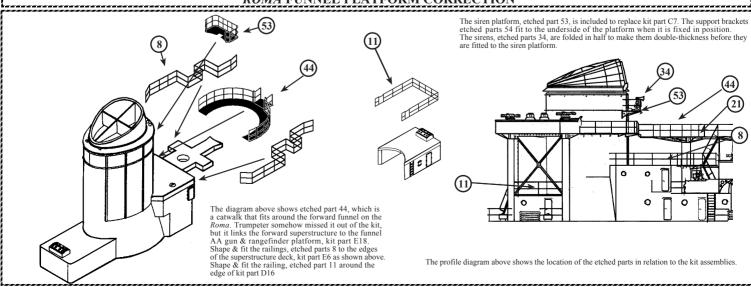


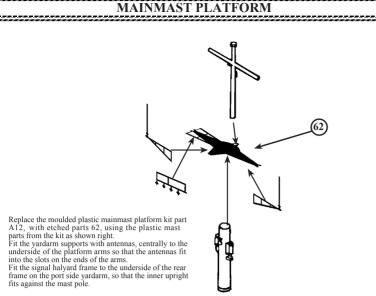
SECONDARY DIRECTOR ACCESS PLATFORMS

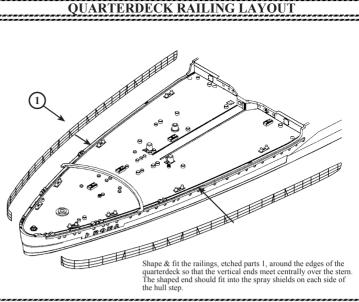


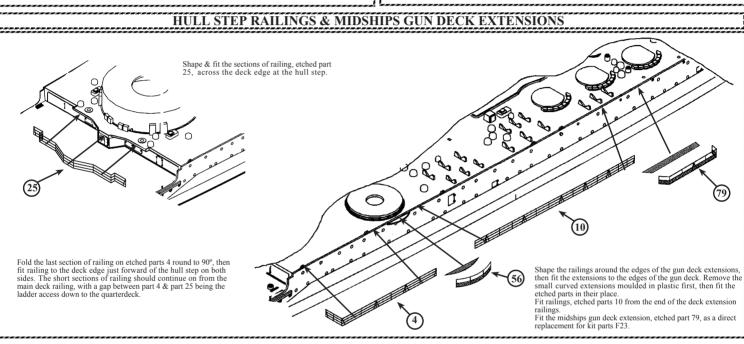
Remove the moulded plastic access platforms from the aft director support towers, kit parts J7 7 J30 as shown by the hatched area on the above left diagram. Replace the upper platform with etched parts 52 as shown, bearing in mind that they are mirrored for port or starboard fitting.

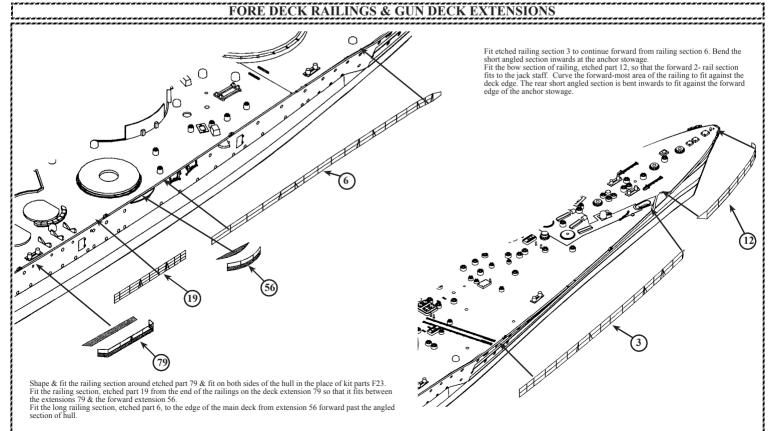
ROMA FUNNEL PLATFORM CORRECTION

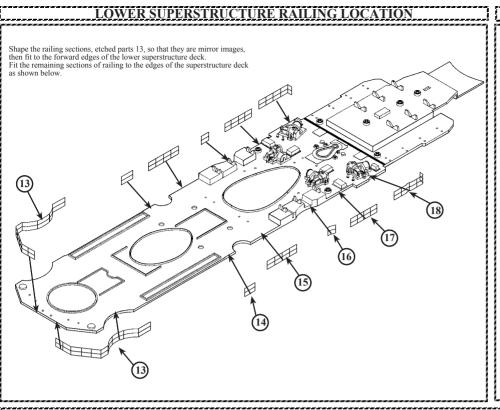


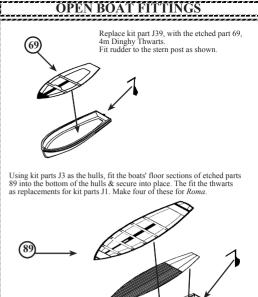


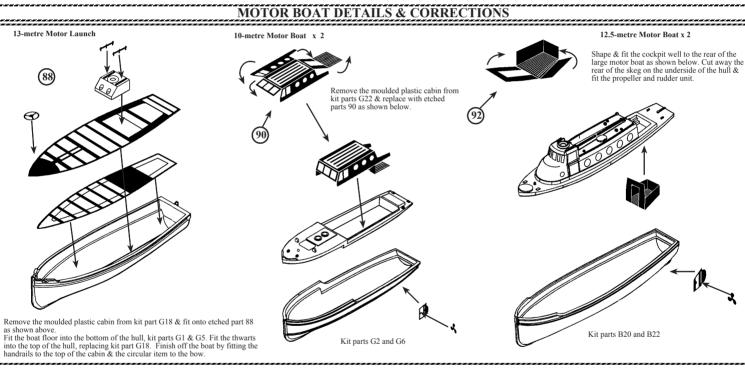


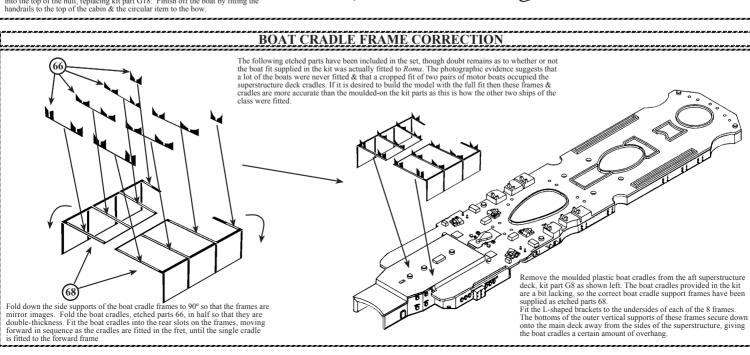






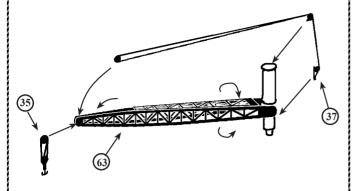






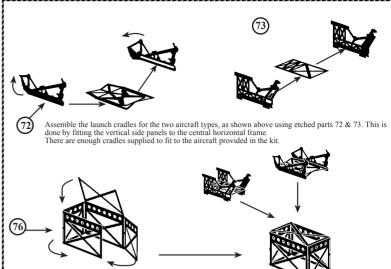
AIRCRAFT RECOVERY CRANE

Etched part 63 has been supplied as a more accurate representation of the crane supplied in the kit as Part PE 23. This is assembled & fitted to the crane post in the same way as shown in the kit instructions.



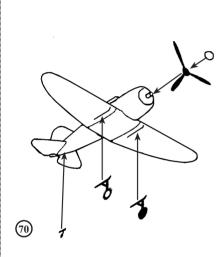
Additional parts provided in this set are etched part 37, which is the crane's rigging lines & pulley wheels. The short run is fitted to the rear of the crane post as shown above, with the outer pulley wheel fitting between the outer ends of the crane jib. Fit the crane hook, etched part 35 in between the outer ends of the crane jib also.

AIRCRAFT LAUNCH CRADLES & STOWAGE FRAME



Fold the side panels of the aircraft stowage frames around in stages of 90° until the outer ends meet. Secure into place. Fold down the top cross-bracing so that it lays horizontally across the top of the frame. Four of these have been supplied to fit four of the aircraft onto. The fifth aircraft will be fitted onto the catapult.

DETAILS FOR THE Re2000 & Ro43 AIRCRAFT



The Re2000 aircraft that comes in the kit has an under carriage provided, but etched parts 70 provide an alternative that may be fitted instead if desired. A replacement propeller is also supplied & is fitted directly onto the hub boss on the front of the aircraft. The propeller spinner may be cut from the kit part & fitted onto the front of the propeller as shown left.

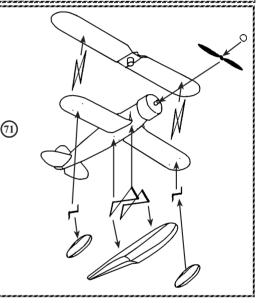
The Ro43 floatplane may be detailed further by fitting the interplane struts provided in etched parts 71.

The solid plastic central float attachment may also be cut away from the kit part & replaced with the etched struts as shown right.

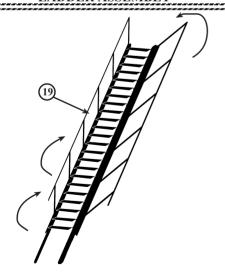
The same applies to the wingtip struts, though these may well be a little more tricky to fit, & is up to the modeller if they are fitted.

It they are fitted.

The are 2 different propellers that may be used as replacements. One is a 2-bladed propeller that was fitted to the earlier aircraft.



LADDER ASSEMBLY

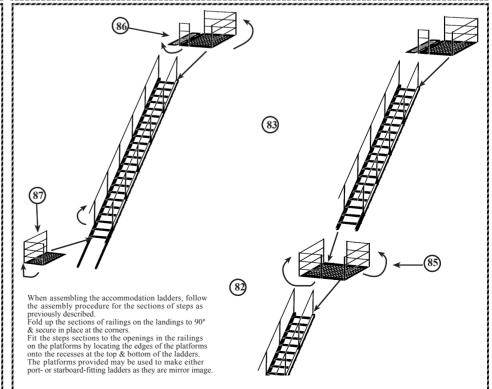


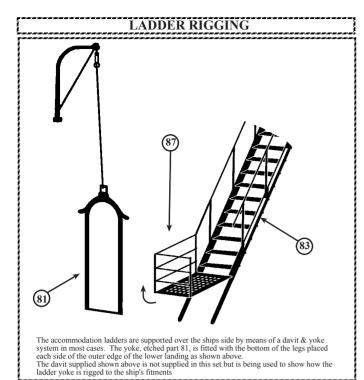
Fold up the handrail/side to 90° with a chisel blade lifting the handrail evenly all the way along. When this is complete, flip the ladder over so that the opposite handrail is flat on the tile or plate & hold down again with a steel rule so that the steps are protruding. Fold up to 90° so that the handrails are now parallel.

Using a pair of needle point tweezers & starting at the top, turn each step so that it is placed between the sides at the desired angle.

The diagram above shows the lower section of accommodation ladder, which is assembled in the same way. A broader chisel blade for lifting the fold will help get an even line along the folded edge.

ADDER PLATFORM ATTACHMENT

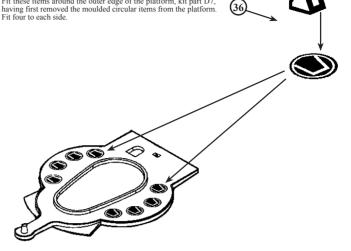




OPTICAL SIGHT COVERS

Assemble the optical sight covers by folding back the side frames to form a pyramid-type structure. Fit the covers onto the circular base plate, fitting the bottom edges to the relief-etched lines as shown right.

Fit these items around the outer edge of the platform, kit part D7,



OTHER INSTRUC

- Louvre vent grilles, etched parts 57 & 59 are designed to wrap around the boxes moulded onto the lower superstructure deck, just forward of the boat cradles Part 57 has one section that is larger than the other three and this overlaps the superstructure side. These grilles are fitted to the box under the aft set of motor boat cradles. The moulded boxes will require being cut back to a size where the grilles will fit around them.
- Etched parts 31 & 32 are the rigging lines for the boat crane jibs, kit parts F9. The short length is for when the jib is raised, the long lengths for stowed. One end of the rigging—the end with the attachment plates—fits onto the side of the mainmast, kit part B28, replacing the moulded brackets on the sides; the other end fits over the outer end of the crane jib. The pulley wheel at the outer end folds back on it's self to become double-thickness. The attachment plate on the inner end also folds double. A pair of crane hooks have also been supplied, etched parts 38, the pulley blocks of which also fold double-thickness.
- Etched parts 29 are the wide ladders that allow access over the foc'sle breakwater. These fold along the centreline to form a triangle when fitted in place of the moulded plastic ladders on the breakwater, kit part B36.
- Leadsman's platforms, etched parts 39, may be fited if desired to the edges of the deck adjacent to 'B' Turret. Fold up the railing sections to 90° & shape to fit around the edges of the platforms.
- Boat cradles have been supplied to replace those moulded to the deck of the kit. It is apparent that there are more boats & cradles supplied in the kit than are actually required, as *Roma*'s boat fit was somewhat reduced from those her sister ships carried. Boat cradles, etched parts 41, are for the 4-metre dinghys fitted to the fore deck behind 'A' Turret, the boats being kit parts 125. Cradles, etched parts 42, are for the 10-metre motor boats stowed on top of the vent boxes on the lower superstructure. Boats made up of kit parts G2 & G6 are fitted in these--2 only. Etched parts 77 are the cradles for the large 13-metre launch that is stowed on the port side of the quarterdeck--one only. Etched parts 78 are for the 4 lifeboats made using hulls kit parts J3. These are located amidships on the main deck--4 only. Remove all the moulded cradles & replace only these. The moulded cradles on top of the aft superstructure should also be removed. Replace only the centre cradles for the two 12.5-metre motor boats, using only the inner cradles from etched parts 66.
- Etched parts 74 & 75 are an additional pair of inclined ladders that fit to the lower superstructure sides, amidships & forward of an existing pair of ladders. The remaining inclined & vertical ladders that are to be fitted to the model are all those supplied in the kit's PE set as they are perfectly adequate.
- The top plate for the catapult assembly, etched part 64, is included for fitting to the top surface of the catapult in place of kit part A31.
- Anchor chain, etched parts 94, has been supplied in sufficient quantity to allow for an at-anchor diorama to be modelled, as well as the normal chain that is fitted from the capstans to the hawsepipes
- Etched parts 91 are the internal parts for the 3.5-metre punts that are located on the foc'sle adjacent to 'A' Turret, kit parts D31. Although these are normally stowed inverted, the parts have been supplied as an option so that these punts may be used in a diorama. The etched parts are assemble in the same way as shown for the open boats in a previous section.