

WHITE ENSIGN MODELS

Japanese *Nagato*-Class Battleships

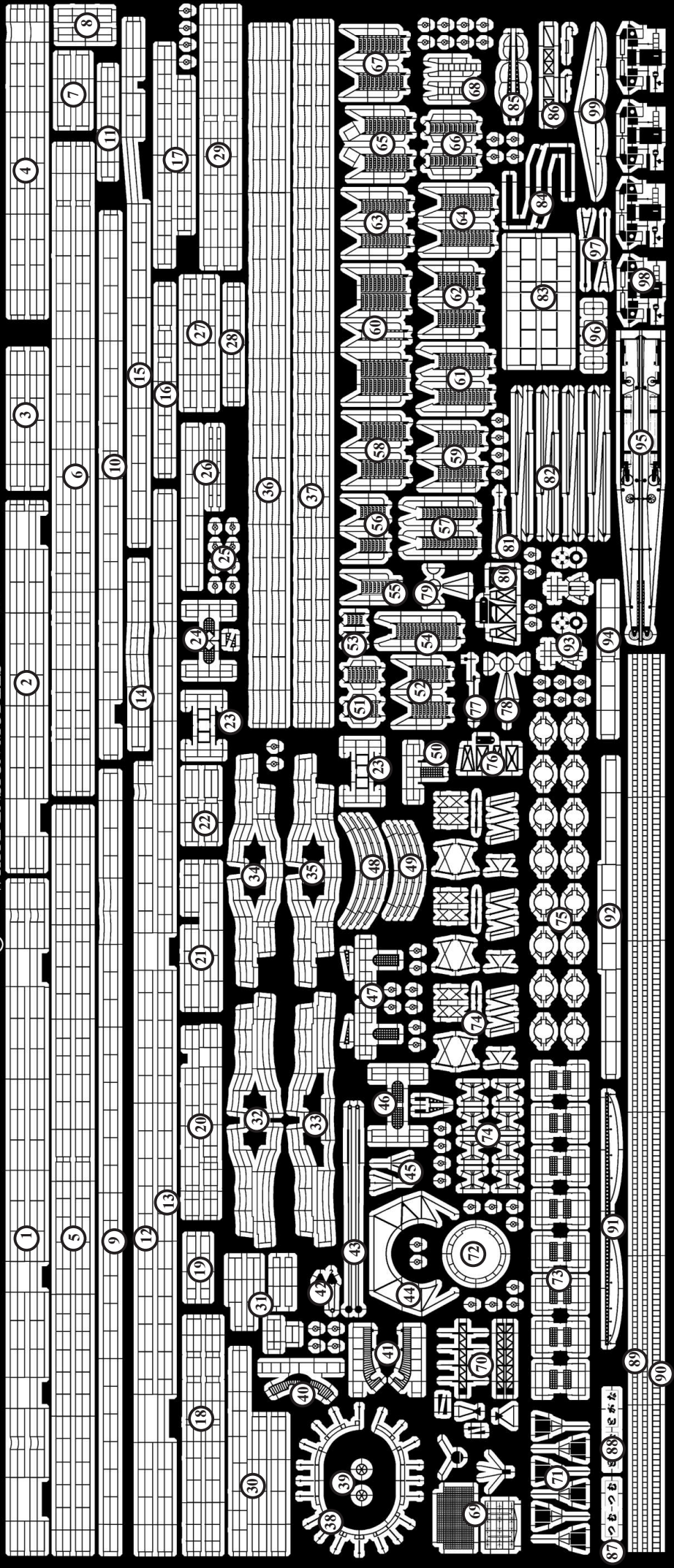
**Photoetched Metal Detail Set for the Hasegawa *Nagato*
Kit in 1/350 Scale**



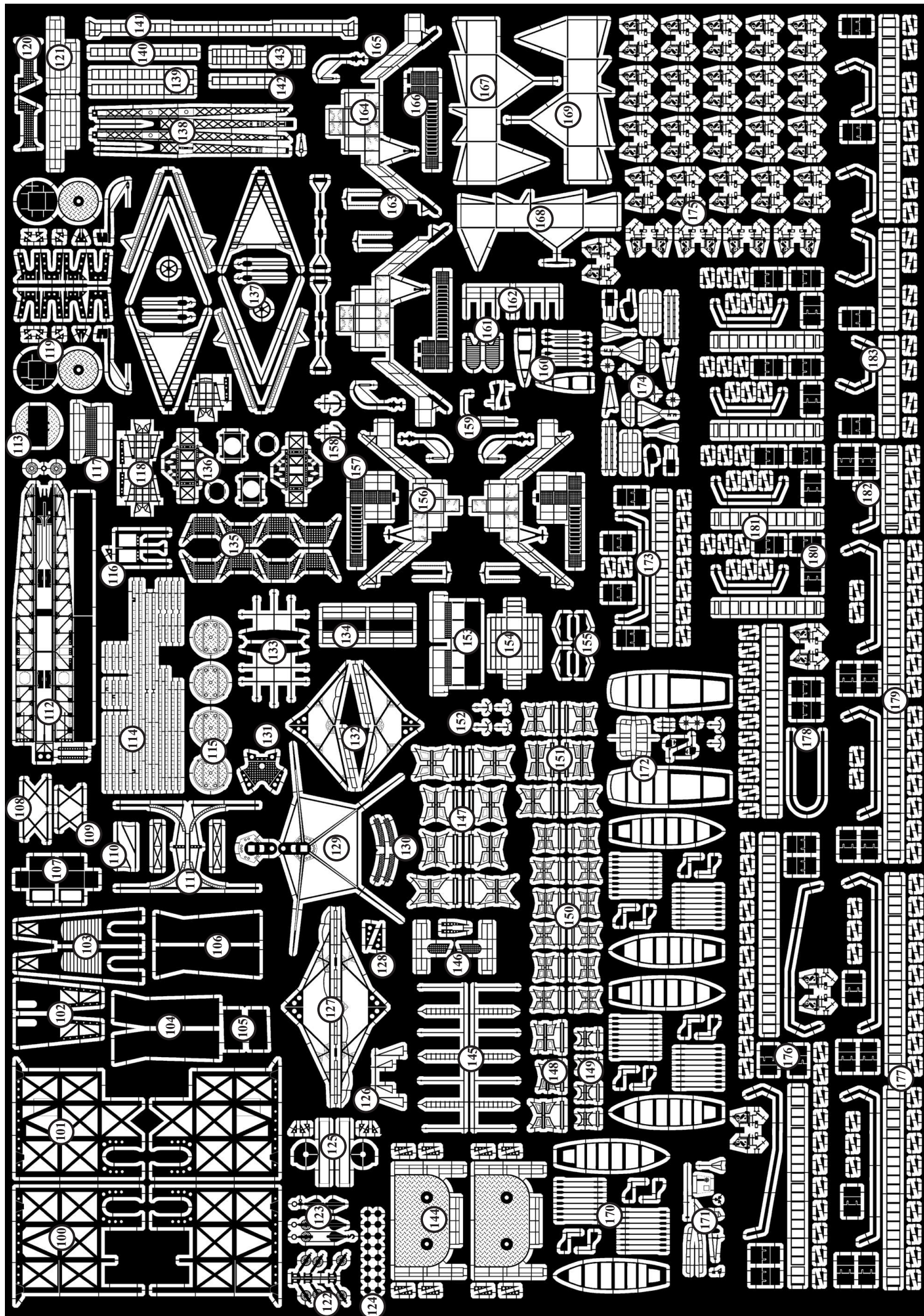
General Instructions

1. Do not remove the etched parts from the fret until you are ready to use them.
2. Before assembly, soak the etched parts in a suitable solvent, such as white spirit, to de-grease the surfaces for painting.
3. 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.
4. 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.
5. 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.
6. 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.
7. We suggest that rails are pre-measured, where practical, using a pair of compass dividers and 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.

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|---|--|--|
| 1. Railings - Bow Sections | 51. Inclined Ladders for Part J1 | 76. Fore Top Antenna Mast (<i>Nagato</i>) |
| 2. Railings - Forward Sections | 52. Inclined Ladders via Parts Q6 | 77. Fore Top Anemometer (<i>Nagato</i>) |
| 3. Railings - Parts L8 & L9 | 53. Inclined Ladders for Parts J9 | 78. Fore Top DF Antenna (<i>Nagato</i>) |
| 4. Railings - From No.2 Barbette Aft | 54. Inclined Ladder for Part Q11 | 79. Fore Top DF Antenna (<i>Mutsu</i>) |
| 5. Railings - Midships Main Deck | 55. Inclined Ladder for Part R6 | 80. Fore Top Antenna Mast (<i>Mutsu</i>) |
| 6. Railings - Catapult Deck | 56. Inclined Ladders for Parts S27 & S28 | 81. Fore Top Tripod Antenna (<i>Mutsu</i>) |
| 7. Railings - Sides of Part J4 | 57. Inclined Ladders for parts Q7 | 82. Small Davit Rigging Blocks |
| 8. Railings - Lookouts Parts S19 | 58. Inclined Ladders for Parts Q1 | 83. Catwalks K4 & K5 Railing & Support |
| 9. Railings - Port Main Deck Step Aft | 59. Inclined Ladders for Parts Q9 | 84. Catwalks via Parts K4 & K5 |
| 10. Railings - Starboard Main Deck Step Aft | 60. Inclined Ladders for Parts Q2 | 85. Yardarm Footropes Part J11 |
| 11. Railings - Platform S11 | 61. Inclined Ladders for Parts Q10 | 86. Lattice Support & Fittings for Part K14 |
| 12. Railings - Port Quarterdeck | 62. Inclined Ladders for Parts Q12 | 87. Hiragana Name Plates for <i>Mutsu</i> Stern |
| 13. Railings - Starboard Quarterdeck | 63. Inclined Ladders for Parts Q3 | 88. Hiragana Name Plates for <i>Nagato</i> Stern |
| 14. Railings - Bridge Roof | 64. Inclined Ladders for Parts Q13 | 89. Narrow Vertical Ladder Stock |
| 15. Railings - Aircraft Crane Sponson | 65. Inclined Ladders for Parts Q4 | 90. Wide Vertical Ladder Stock |
| 16. Railings - Part J11 | 66. Inclined Ladders for Parts Q14 | 91. Yardarm Footropes Part J14 |
| 17. Railings - Searchlight Platform Catwalk | 67. Inclined Ladders for Parts Q5 | 92. Railing for Yardarms Part J14 |
| 18. Railings - Mid Boat Deck Aft Part K3 | 68. Inclined Ladders Funnel Catwalks | 93. Life Buoy Rails |
| 19. Railings - Bridge Side Roofs J12 | 69. Type 21 'Go' Dentan Kai Radar Antenna | 94. Railings Sides of Part J14 |
| 20. Railings - Parts R11 & R12 | 70. Type 13 'Go' Air Warning Radar Antenna | 95. Aircraft Catapult Mechanism |
| 21. Railings - Part R6 | 71. Small Pole Antenna Platforms | 96. Main Gun Turret Rangefinder Lens |
| 22. Railings - Part R3 | 72. Fore Top Director AE27 Hand Rail | 97. Turret Top Antennas |
| 23. Leadsman's Platforms | 73. Gun Barrel Sighting Platforms | 98. 12.7cm Gun Mount Details |
| 24. Lookout Platforms Aft Corners Part J13 | 74. E8N 'Dave' Seaplane Parts | 99. Mainmast Top Yardarm Footropes |
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| 26. Railings - Main Top Platform | | |
| 27. Railings - Upper Searchlight Platforms | | |
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| 30. Railings - Aft of Part J1 | | |
| 31. Railings - Platform K17 | | |
| 32. Railings - No.1 Turret | | |
| 33. Railings - No.4 Turret | | |
| 34. Railings - No.2 Turret | | |
| 35. Railings - No.3 Turret | | |
| 36. Generic Slack Chain Railing Type 1 | | |
| 37. Generic Slack Chain Railing Type 2 | | |
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| 39. Capstan Brake Wheels | | |
| 40. Funnel Front Catwalk | | |
| 41. Funnel Side Catwalks | | |
| 42. Aircraft Crane Hook Assembly | | |
| 43. Aircraft Crane Rigging | | |
| 44. Fore Top Antenna Array Part J11 | | |
| 45. Tripod Antennas Bulwark Part J9 | | |
| 46. Lookout Platforms Q23 | | |
| 47. Ladder Landing Part J12 | | |
| 48. Barbette Upper Handrails | | |
| 49. Barbette Lower Handrails | | |
| 50. Stern Platform | | |



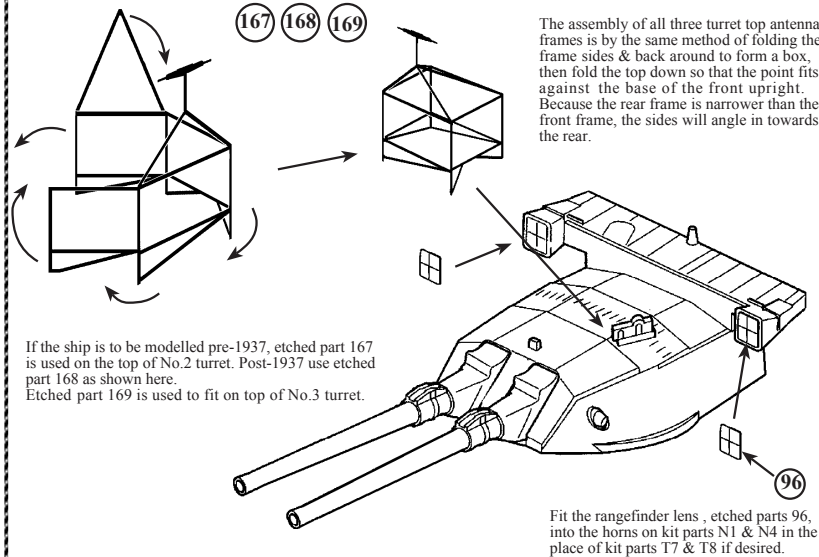
PARTS LIST PART 'B'

100. Searchlight Platform Gantry via Parts S27 & S28
 101. Searchlight Platform Gantry via Parts S2 & S3
 102. Searchlight Platform Gantry Forward End Panels
 103. Searchlight Platform Gantry Aft End Panels
 104. Searchlight Platform Gantry Upper Deck
 105. Searchlight Platform Gantry Inner Platforms
 106. Searchlight Platform Gantry Lower Deck
 107. Searchlight Platform Gantry Director House
 108. Gun Platform Forward Cross Bracing
 109. Gun Platform Aft Cross Bracing Parts Q31
 110. Wire Antenna Spreaders Part J14
 111. Searchlight Platform Gantry Catwalk Supports
 112. Seaplane Catapult Assembly
 113. Seaplane Catapult Turntable
 114. Seaplane Deck Trolley Rails
 115. Seaplane Deck Turntables
 116. Support Frame for Part R21
 117. Upper Searchlight Platform Link Catwalk
 118. Seaplane Launch Cradles
 119. Upper Searchlight Platform Assemblies
 120. Catwalks for Director House Parts S18 & S19
 121. Railings for Catwalks 120
 122. Main Boat Crane Mast Pulley Blocks
 123. Main Boat Crane Hook & Jib Pulley Blocks
 124. Pulley Block Spacers
 125. Director Platforms for Parts Q22
 126. Wire Antenna Spreader for Part R19
 127. Mainmast Starfish Aft Supports for Parts Q17

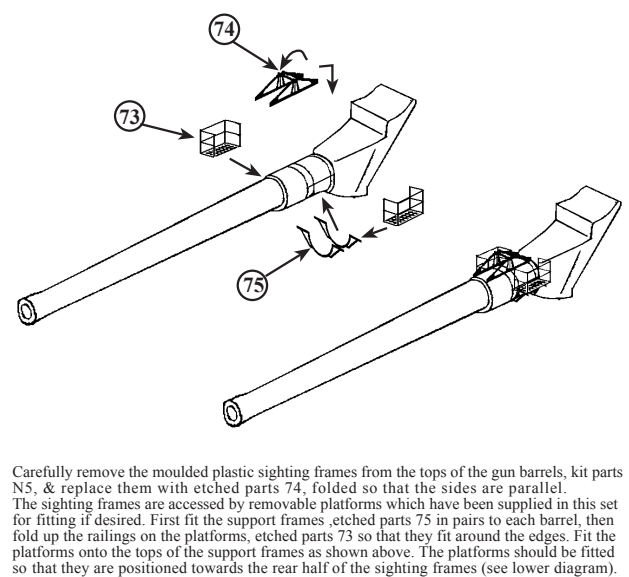
128. Mainmast Platform Supports for Parts Q18
 129. Mainmast Starfish via Part R13
 130. Main Turret Barbette Platforms
 131. Mainmast Tripod Platform for Part M14
 132. Mainmast Starfish Fwd Supports for Parts Q26
 133. Funnel Cap Grilles
 134. Timber Racks for Parts Q51
 135. Main Gun Blast Bag Access Platforms
 136. Seaplane Handling Trolleys
 137. Sea Boat Davit Assemblies
 138. Aircraft Crane Jib for Parts L2 & L3
 139. Bridge Windows for Parts T10
 140. Bridge Windows for Part T6
 141. Bridge Windows for Part T1
 142. Bridge Windows for Part T2
 143. Bridge Windows for Part T11
 144. AA Gun Platforms for Turrets 2 & 3 (1944)
 145. Boat Boom Ladders
 146. Lookout Platforms Side Bulwark Part K1
 147. 17m Torpedo Boat Cradles
 148. 11m Motor Boat Cradles
 149. 6m Sampan Cradles
 150. 9m Cutter Cradles
 151. 12m Launch Cradles
 152. Small Boat Anchors
 153. Timber Rack Platform Part S22
 154. Timber Rack Part S22
 155. Paravane Parts

156. Forward Accommodation Ladder Handrails
 157. Forward Accommodation Ladder Steps
 158. Stream Anchors
 159. Fore Top Director Voice Pipe
 160. 6m Sampan Fittings
 161. Hawsepipe Grilles
 162. Railings & Wire Antenna Poles Aft Part J12
 163. Accommodation Ladder Support Arch
 164. Aft Accommodation Ladder Handrails
 165. Accommodation Ladder Davits
 166. Aft Accommodation Ladder Steps
 167. Forward Turret Antenna (Early)
 168. Forward Turret Antenna (1937>)
 169. Aft Turret Antenna
 170. 9m Cutter Thwarts and Fittings
 171. 11m Motor Boat Fittings
 172. 12m Launch Fittings
 173. AA Gun Tub Stern Pair Twins
 174. 17m Torpedo Boat Fittings
 175. 25mm Twin & Triple Mount Details
 176. AA Gun Tubs Forward Triple Singles
 177. AA Gun Tubs Aft Triple Singles
 178. AA Gun Tub Bow Pair Singles
 179. AA Gun Tubs Aft Paired Singles
 180. AA Ammunition Locker Facia
 181. AA Gun Tubs Midship Single Triples
 182. AA Gun Tub Stern Single Twin
 183. AA Gun Tubs Foc'sle Single Singles

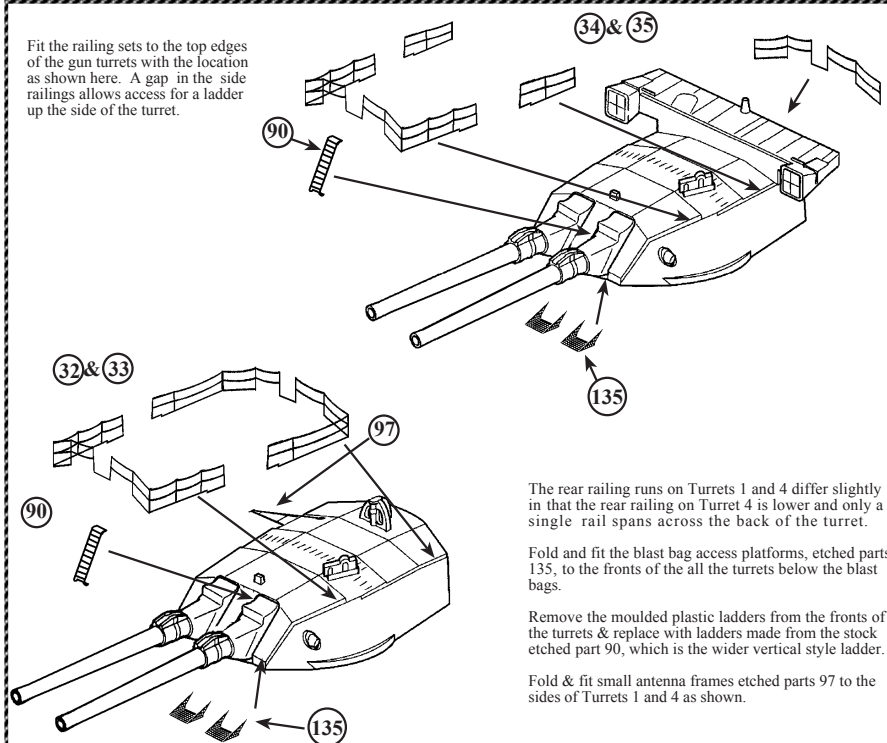
GUN TURRET ANTENNA FRAME ASSEMBLY



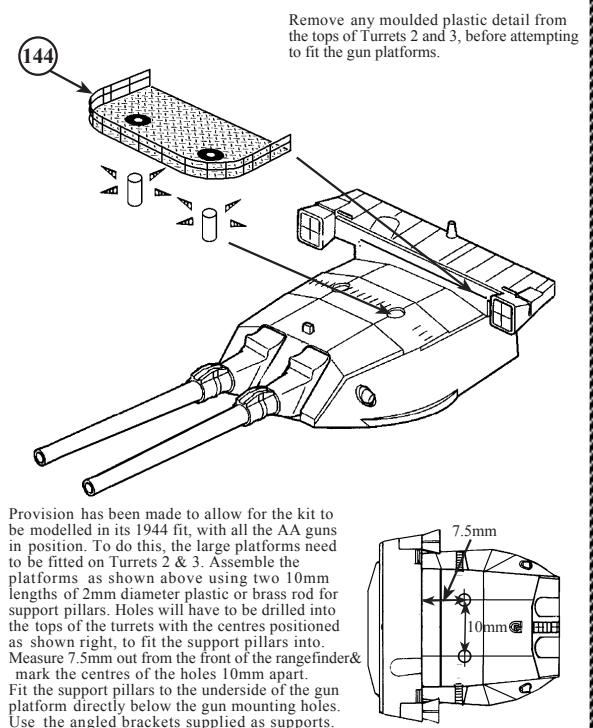
GUN BARREL SIGHTING FRAMES & PLATFORMS



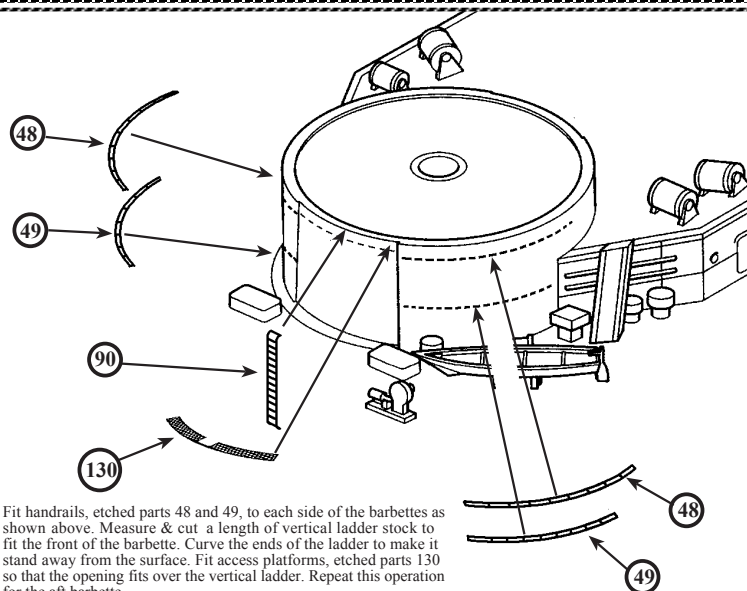
GUN TURRET RAILINGS LOCATION



1944 FIT AA GUN PLATFORMS

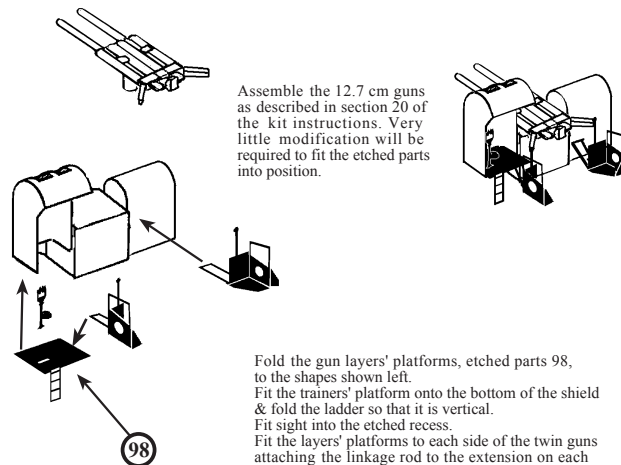


MAIN TURRET BARBETTE FITTINGS



Fit handrails, etched parts 48 and 49, to each side of the barbettes as shown above. Measure & cut a length of vertical ladder stock to fit the front of the barrette. Curve the ends of the ladder to make it stand away from the surface. Fit access platforms, etched parts 130 so that the opening fits over the vertical ladder. Repeat this operation for the aft barrette.

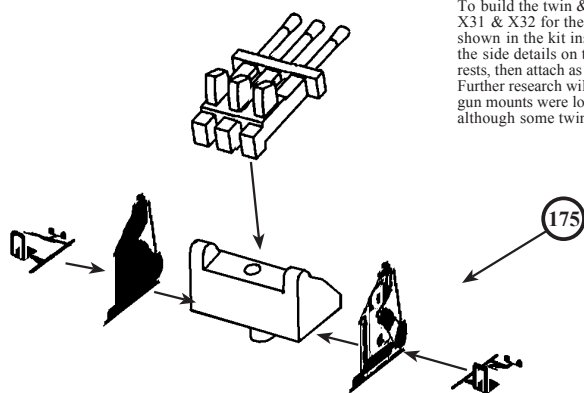
12.7cm TWIN OPEN MOUNT



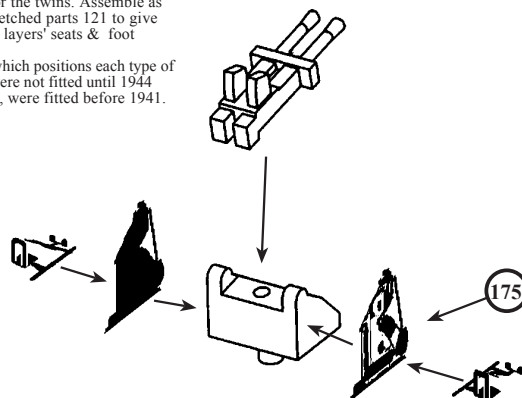
Assemble the 12.7 cm guns as described in section 20 of the kit instructions. Very little modification will be required to fit the etched parts into position.

Fold the gun layers' platforms, etched parts 98, to the shapes shown left. Fit the trainers' platform onto the bottom of the shield & fold the ladder so that it is vertical. Fit sight into the etched recess. Fit the layers' platforms to each side of the twin guns attaching the linkage rod to the extension on each breach. Fit the platform attachments to the mounts at the points shown. Make 4 sets. This gun mount was fitted as secondary armament to *Nagato* & *Mutsu* after the 1937 refit.

25MM TRIPLE AND TWIN AA GUN MOUNTS

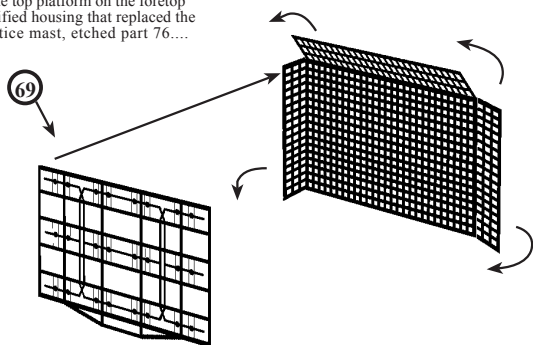


To build the twin & triple 25mm AA gun mounts, use the kit parts X31 & X32 for the triples and X30 & X33 for the twins. Assemble as shown in the kit instructions, then add photoetched parts 121 to give the side details on the mounts. Shape the gun layers' seats & foot rests, then attach as shown to the side panels. Further research will be required to establish which positions each type of gun mounts were located, but many of these were not fitted until 1944 although some twins, kit parts AF17 & AF38, were fitted before 1941.

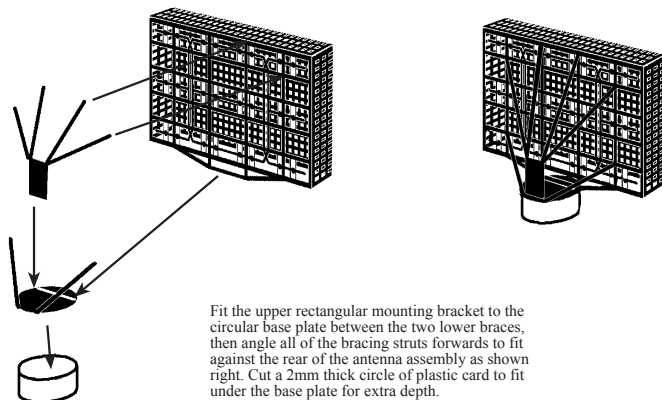


TYPE 21 GO DENTAN KAI RADAR ASSEMBLY

This radar antenna was fitted from June 1944 to the top platform on the foretop on a modified housing that replaced the small lattice mast, etched part 76....

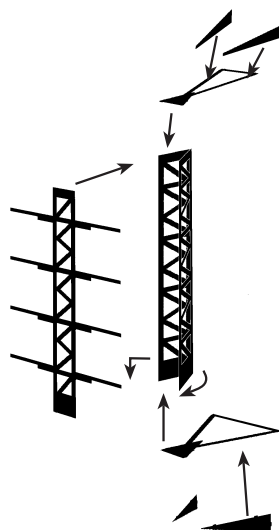


Fold the top and sides of the mesh screen part of etched assembly 69, to 90° & secure at the corners. Fit the dipole panel as shown above to the top & side edges of the mesh screen.



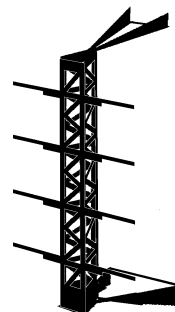
Fit the upper rectangular mounting bracket to the circular base plate between the two lower braces, then angle all of the bracing struts forwards to fit against the rear of the antenna assembly as shown right. Cut a 2mm thick circle of plastic card to fit under the base plate for extra depth.

TYPE 13 'GO' AIR WARNING RADAR ANTENNA



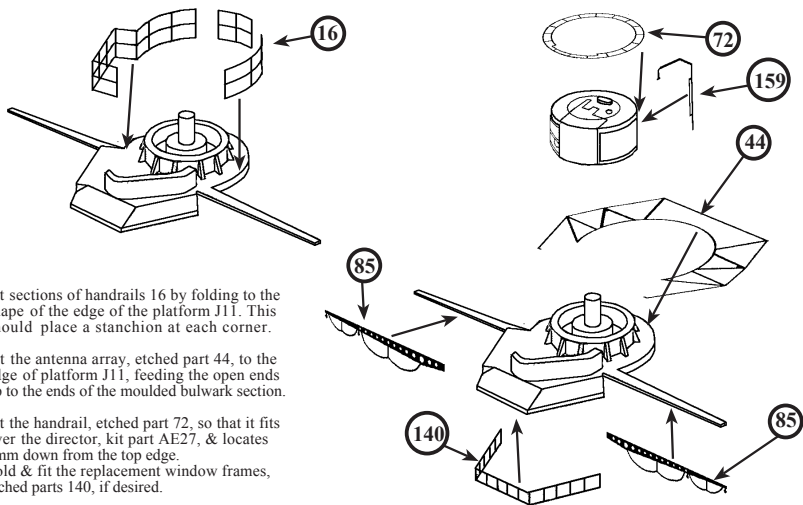
The Type 13 Go air warning radar antennas were fitted to the rear of the mainmast between the main platform and the lower tripod platform, from June 1944

(70)

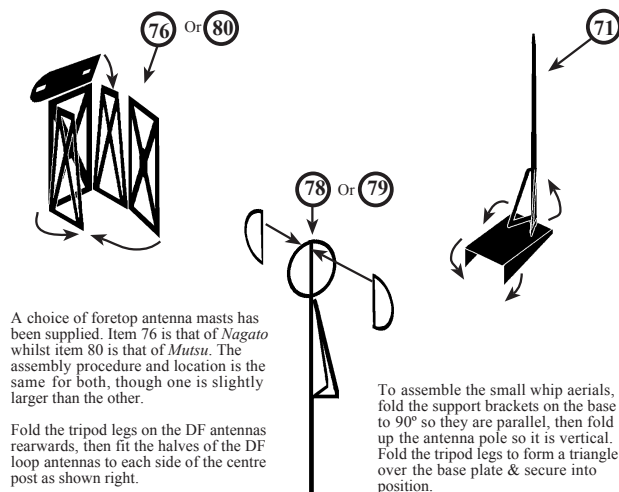


Assemble by first folding the large lattice section down the middle to form an acute angle, then fixing the lattice section with the dipoles to the two edges to form a triangular box section. Assemble & fit the top & bottom mounting brackets as shown left.

FORETOP PLATFORM J11 DETAILS



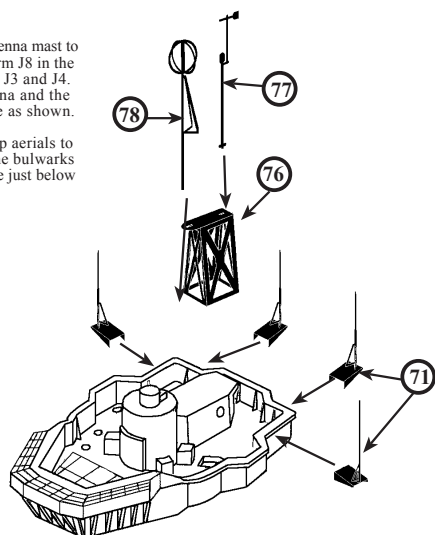
FORETOP ANTENNAS ASSEMBLY



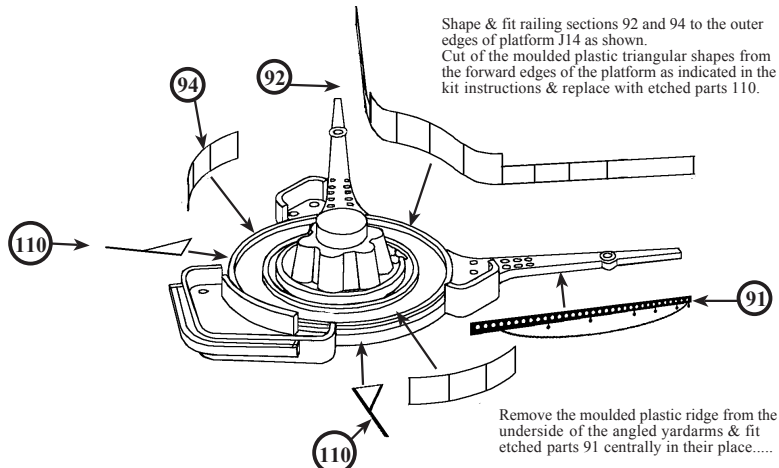
FORETOP ANTENNA LOCATION

Fit the chosen antenna mast to the rear of platform J8 in the place of kit parts J3 and J4. Fit the DF antenna and the anemometer pole as shown.

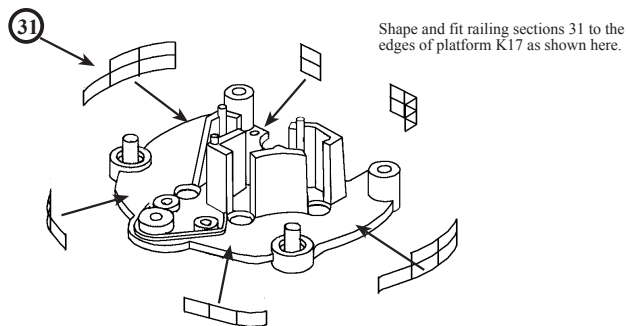
Fit the small whip aerials to the outsides of the bulwarks so that they locate just below the top lip.



PLATFORM J14 RAILINGS

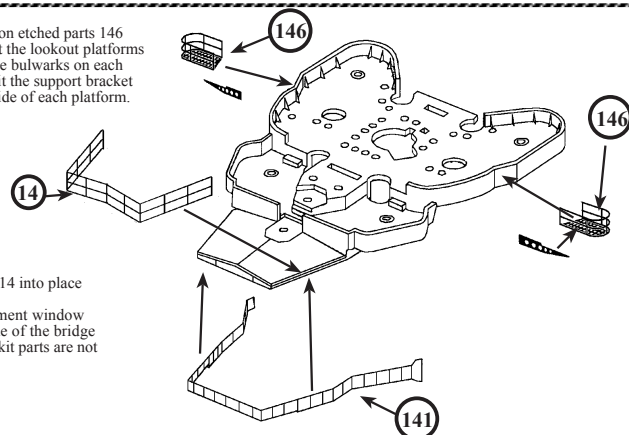


PLATFORM K17 RAILING LOCATION



PLATFORM K1 & BRIDGE ROOF DETAILS

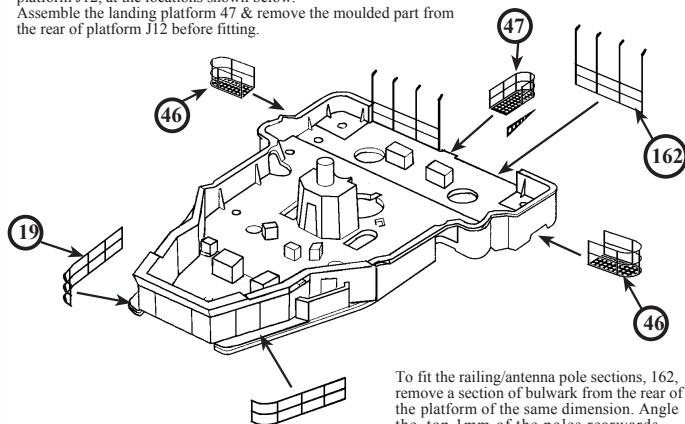
Fold & fit the railings on etched parts 146 and secure in place. Fit the lookout platforms to the angled part of the bulwarks on each side of platform K1. Fit the support bracket centrally to the underside of each platform.



PLATFORM J12 RAILINGS & LOOKOUTS

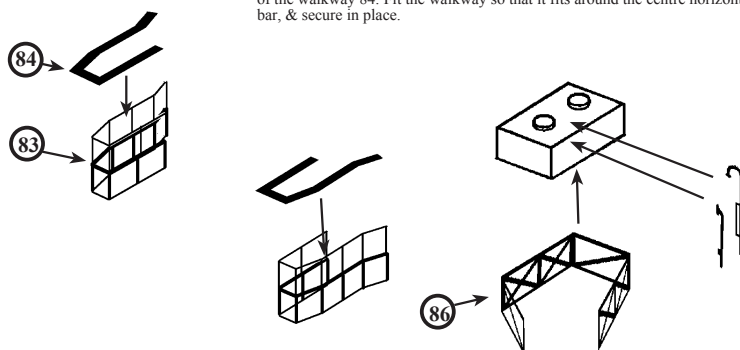
Assemble lookout platforms 46 & fit the outsides of the bulwarks on platform J12, at the locations shown below.

Assemble the landing platform 47 & remove the moulded part from the rear of platform J12 before fitting.



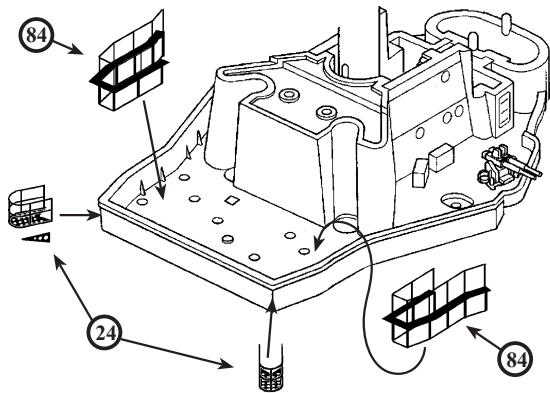
WALKWAYS K4 & K5 AND RESERVOIR K14

Fold the support frames, etched parts 83, to take the shape of the inside edge of the walkway 84. Fit the walkway so that it fits around the centre horizontal bar, & secure in place.



PLATFORM J13 WALKWAYS & LOOKOUTS

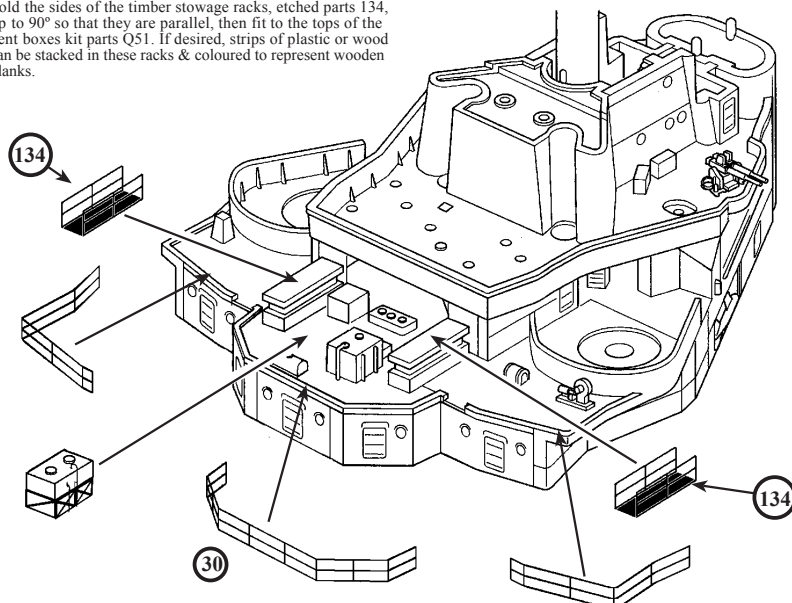
Fit the walkway assemblies to the deck at the rear of platform J13 in place of kit parts K4 & K5. It will be necessary to fill the locating holes for the kit parts before fitting the replacements.



Assemble the small lookout platforms, etched parts 24, & fit to the rear corners of platform J13 as shown above.

PLATFORM J1 RAILINGS & DETAILS

Fold the sides of the timber stowage racks, etched parts 134, up to 90° so that they are parallel, then fit to the tops of the vent boxes kit parts Q51. If desired, strips of plastic or wood can be stacked in these racks & coloured to represent wooden planks.

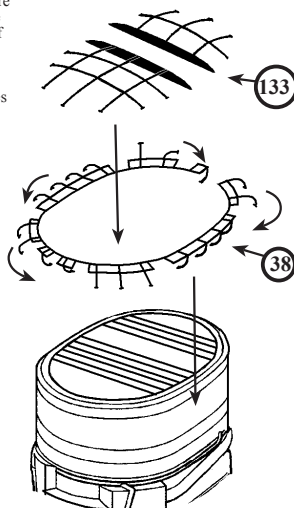


Fit the reservoir assembly to the deck as referred to in the kit instructions as part K14. Fold & fit the railings 30, to the edges of the deck as shown.

FUNNEL CAP DETAILS

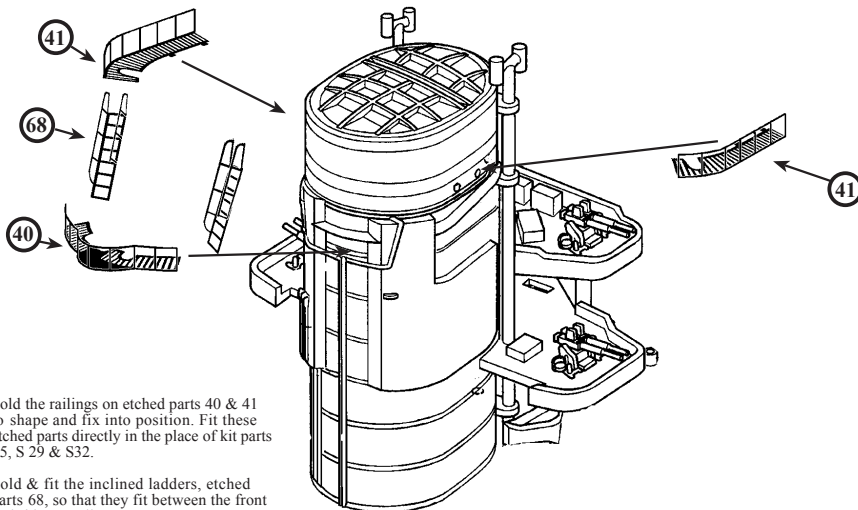
If the etched funnel cap grilles are to be used, fit kit part S40 to the top of the funnel stack instead of kit part S4.

Fold the curved splitter plates down to 90° then gently curve the grilles so that the extremities fit down onto the rim of the funnel. There should be a gap of approx. 1mm between the splitter plates when fitted across the funnel cap.



Fit the handrail, etched part 38, 2mm below the top edge of the funnel cap. The support bars need to be folded down & curved inwards so that the ends touch against the sides of the funnel.

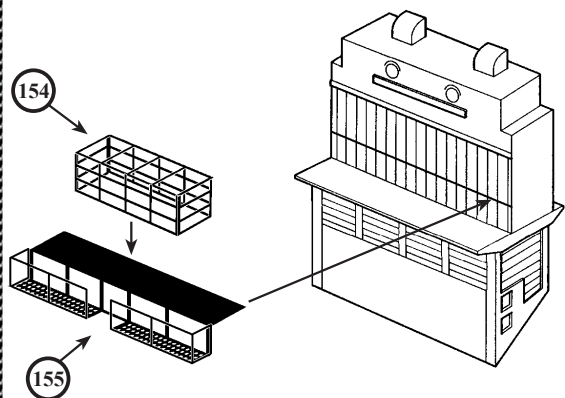
FUNNEL ACCESS CATWALKS



Fold the railings on etched parts 40 & 41 to shape and fix into position. Fit these etched parts directly in the place of kit parts S5, S 29 & S32.

Fold & fit the inclined ladders, etched parts 68, so that they fit between the front and side catwalks.

BOILER ROOM VENT TIMBER RACK



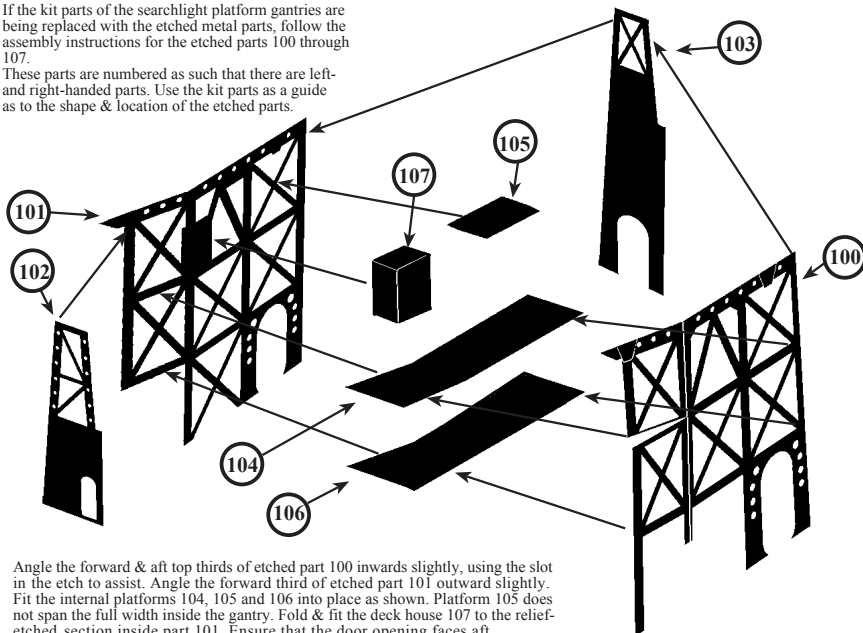
Fold the walkway platform, etched part 155, to the shape shown above & fit to the front of the boiler room ventilator box structure. The upper platform fits to the upper vent box as shown & the catwalk fits along the edge of the lower vent box roof extension.

Fold the timber stowage rack, etched part 154, to shape as shown, forming a closed box, & fit centrally on the top platform of etched part 155. If desired, strips of plastic or wood can be stacked in this rack & coloured to represent wooden planks.

STARBOARD SEARCHLIGHT PLATFORM GANTRY

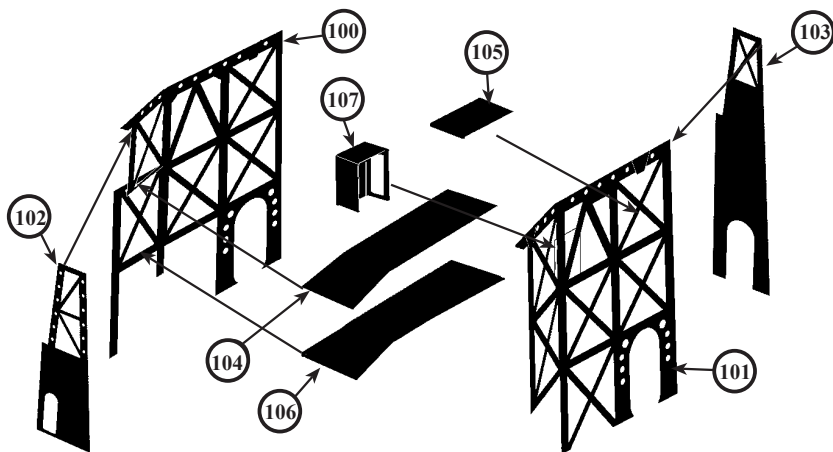
If the kit parts of the searchlight platform gantries are being replaced with the etched metal parts, follow the assembly instructions for the etched parts 100 through 107.

These parts are numbered as such that there are left- and right-handed parts. Use the kit parts as a guide as to the shape & location of the etched parts.



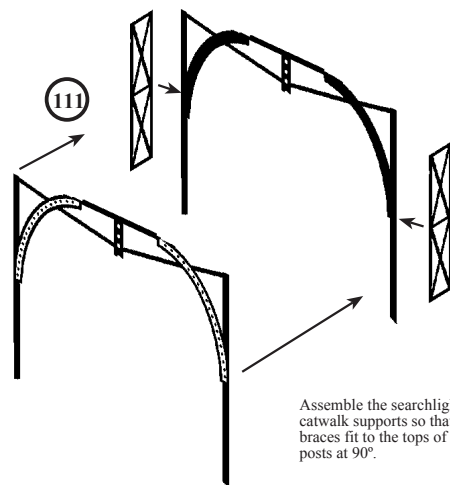
Angle the forward & aft top thirds of etched part 100 inwards slightly, using the slot in the etch to assist. Angle the forward third of etched part 101 outward slightly. Fit the internal platforms 104, 105 and 106 into place as shown. Platform 105 does not span the full width inside the gantry. Fold & fit the deck house 107 to the relief-etched section inside part 101. Ensure that the door opening faces aft. Fit the end plates into position, closing off the assembly at both ends.

PORT SEARCHLIGHT PLATFORM GANTRY



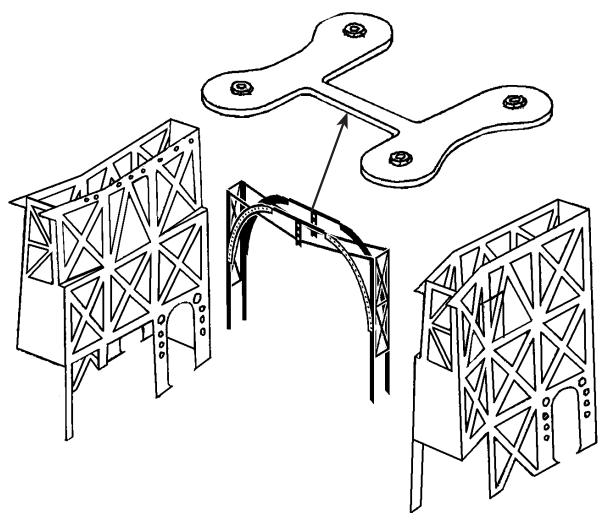
Assemble the port side gantry in the same manner as that used for the starboard side gantry, only make it as a mirror image.

CATWALK SUPPORT FRAME



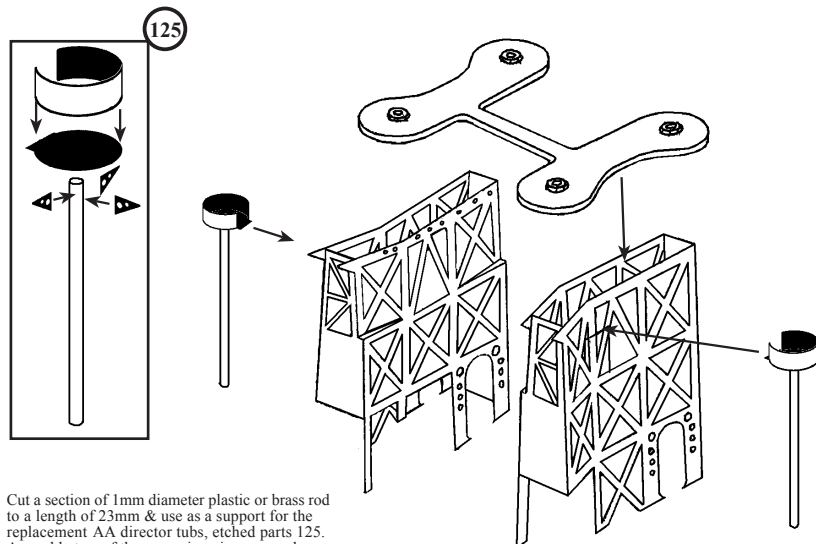
Assemble the searchlight platform catwalk supports so that the cross braces fit to the tops of the vertical posts at 90°.

SEARCHLIGHT PLATFORM ASSEMBLY



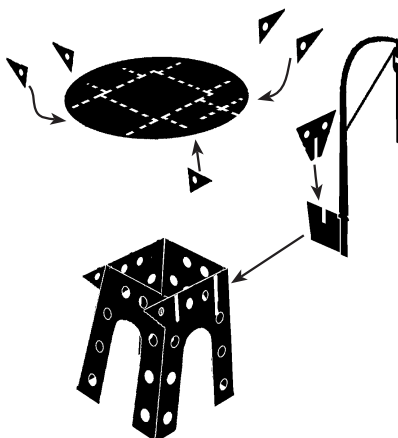
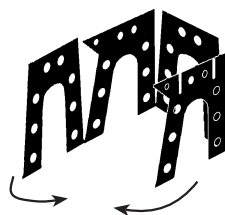
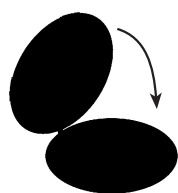
Fit the catwalk support assembly centrally to the catwalk on kit part S10, so that the apex of curved sections fit to the sides of the catwalk and not underneath. Fit kit part S10 to the tops of the searchlight platform gantries as would be the case with the kit parts. Ensure that the cross-bracing panels on the supports fit tightly against the insides of the of the gantries.

AA DIRECTOR TUB ASSEMBLY & LOCATION



Cut a section of 1mm diameter plastic or brass rod to a length of 23mm & use as a support for the replacement AA director tubs, etched parts 125. Assemble two of these as mirror images as shown above & fit to the searchlight platform gantries in place of kit parts Q22. Directors, kit parts AF45 may still be used with these parts.

UPPER SEARCHLIGHT PLATFORM ASSEMBLIES



These parts are designed as replacements for kit parts Q21, Q37 & Q38. Assemblies the same for both sides, though they are made as mirror images.

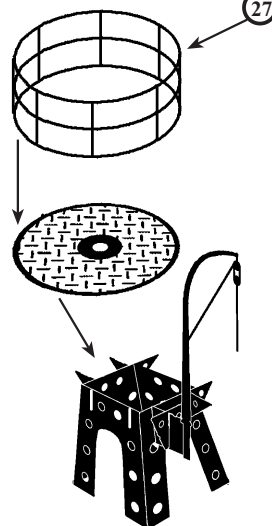
Fold the front & sides of the legs around to form an open-topped box. Check that the long etched lines for the davits are in opposition on the two sets of legs.

Fit the circular platform to the top of the legs after folding it double, using the etched lines on the underside as a fitting guide.

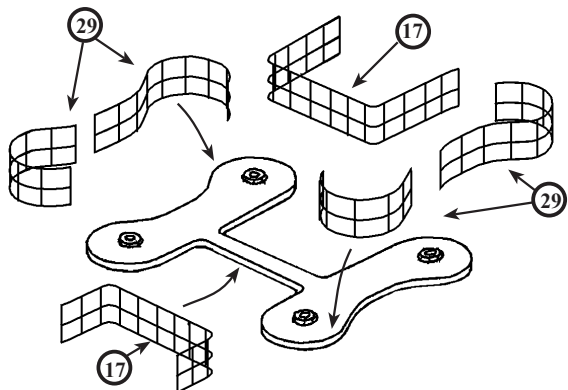
Fit the small angled support brackets to the underside of the platforms & slot the larger bracket over the davit attachment.

Fit the davit to the side leg as shown.

Gently curve the section of railing, etched part 27, around & fit to the edge of the platform.

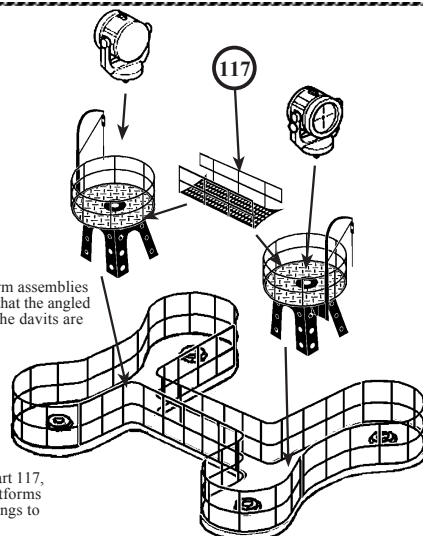


SEARCHLIGHT PLATFORM RAILINGS



Shape & fit the sections of railing 17 to the catwalk of kit part S10, making sure that the two straights on each side are of equal length. The short section of railing fits to the shorter section of platform, i.e. the front.
Shape & fit the sections of railing 29 to the searchlight platforms, making sure that the longer sections are fitted to the rear sections of platform.

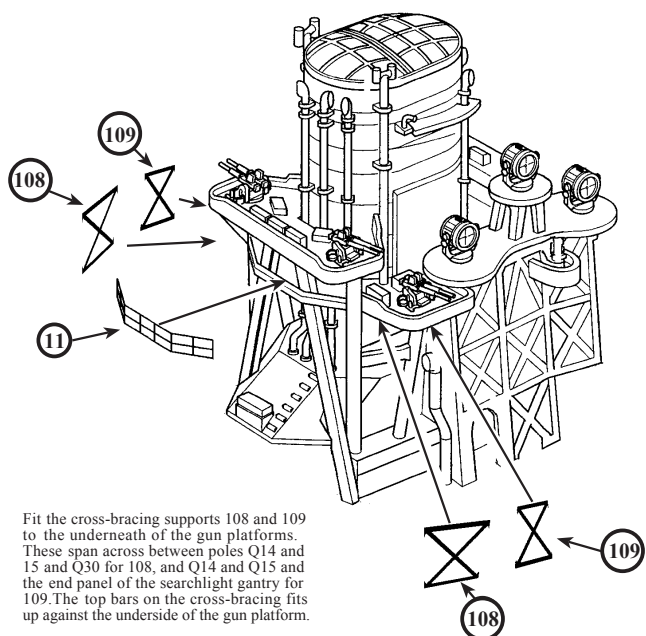
UPPER SEARCHLIGHT PLATFORM LOCATION



Fit the upper searchlight platform assemblies to the lower platform, ensuring that the angled legs are facing to the rear and the davits are outboard.

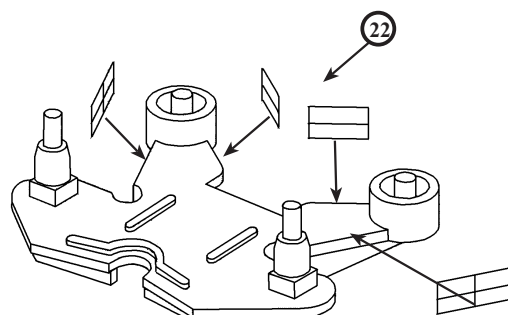
Fit the link catwalk, etched part 117, between the two circular platforms after first folding up the railings to 90°.

GUN PLATFORM CROSS-BRACING



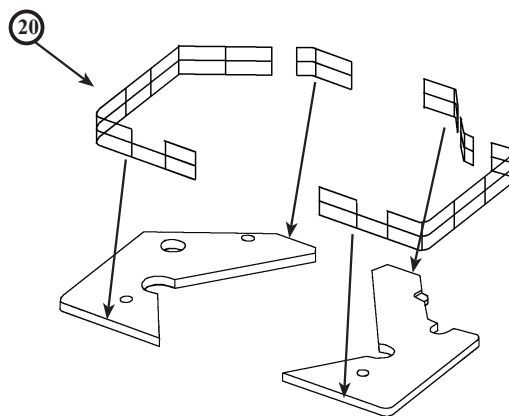
Fit the cross-bracing supports 108 and 109 to the underneath of the gun platforms. These span across between poles Q14 and 15 and Q30 for 108, and Q14 and Q15 and the end panel of the searchlight gantry for 109. The top bars on the cross-bracing fits up against the underside of the gun platform.

PLATFORM R3 RAILING LOCATION



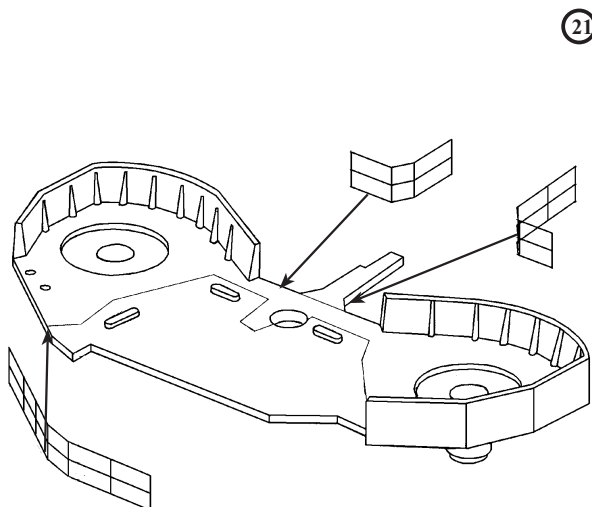
Fit the small sections of railing 22 to the edges of the deck on platform R3 as shown above.

PLATFORMS R11 & R12 RAILINGS



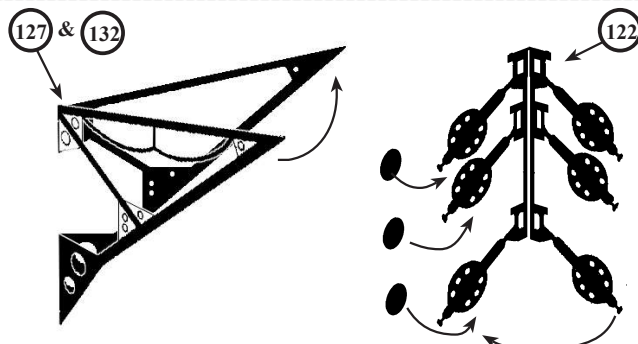
Shape & fit the sections of railing 20 to the edges of the platforms R11 and R12. This is best done after assembly of the aft superstructure platforms has been completed.

PLATFORM R6 RAILING LOCATION



Shape & fit the sections of railing 21 to the lower platform & catwalk R6 as shown above. Again, this is best done after assembly of the aft superstructure platforms has been completed.

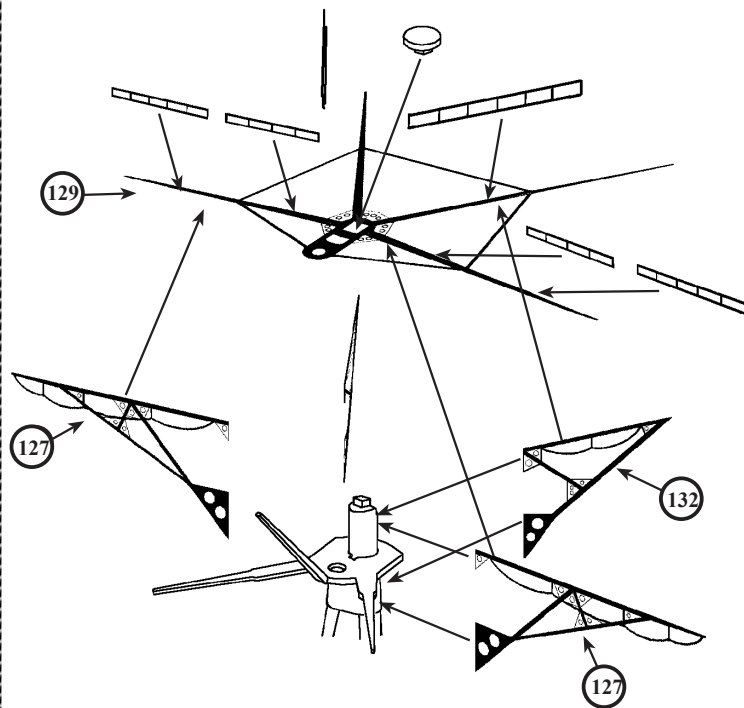
MAINMAST FITTINGS ASSEMBLY



Fold each of the etched parts 127 & 132 in half and fix so that the relief detail is outermost.

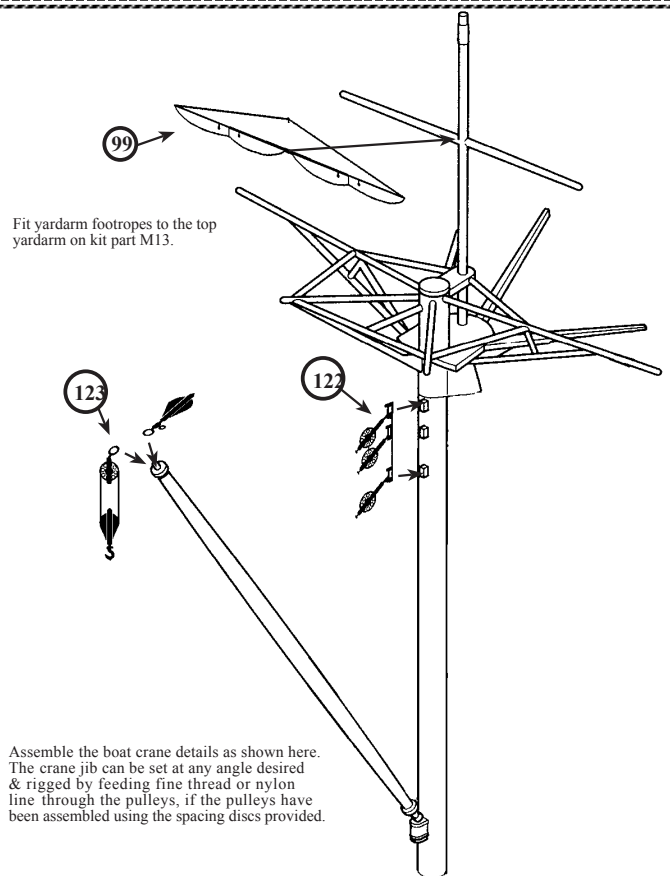
Fold the crane rigging block unit in half so that the relief detail is outermost. Fit the small discs in between the pulleys to allow space for the rigging wire to pass in between the blocks.

MAINMAST STARFISH & TOP PLATFORM



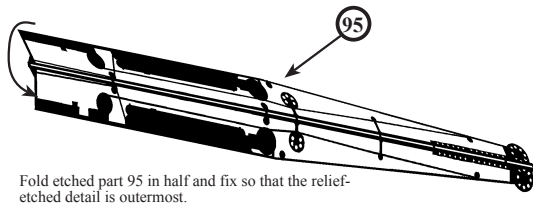
Use etched part 129 to replace kit part R13 & fold over the centre boss so that it is double-thickness with the etched detail outermost. Fit to the top of the mast post M14. Angle the forward pair of yardarms upwards slightly, then fit the supports 132 underneath them so they locate onto the etched lines. The inner brackets fit against the mast pole. Fit the supports 127 in a similar manner. Once the starfish assembly is complete & secure, fit the hand rails to the tops of the yardarms as shown above.

BOAT CRANE RIGGING PARTS

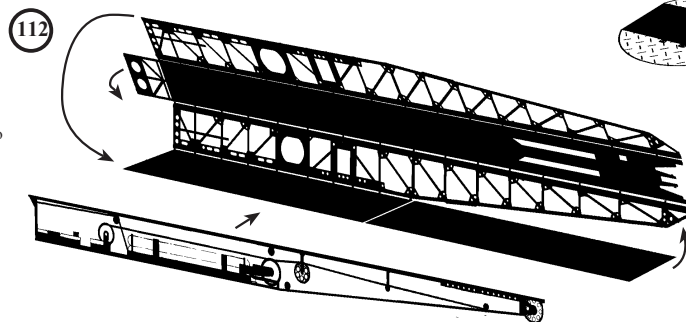


Assemble the boat crane details as shown here. The crane jib can be set at any angle desired & rigged by feeding fine thread or nylon line through the pulleys, if the pulleys have been assembled using the spacing discs provided.

SEAPLANE CATAPULT ASSEMBLY



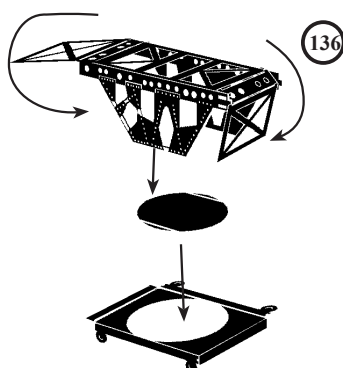
Fold etched part 95 in half and fix so that the relief-etched detail is outermost.



Fold the catapult, etched part 112, so that the sides are 90° to the top & parallel with each other. Fit etched part 95 inside so that it fits to the top plate centrally. Fold up the bottom plate to take the shape of the lower edges of the catapult.

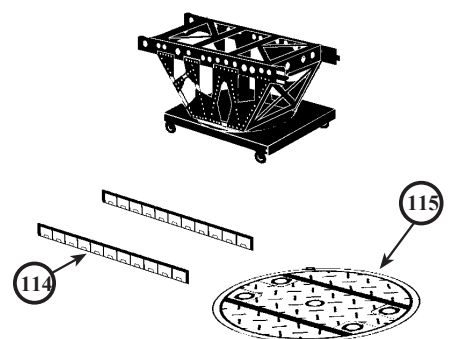
Fit the two small foot plates to the horizontal bars on the rear of the catapult as shown. Fit the catapult to the turntable, etched part 113, which in turn fits onto the top of kit part AC4 after first removing surplus plastic.

AIRCRAFT DECK HANDLING TROLLEY



The aircraft deck handling trolleys are what the launch cradles are fitted to the top of when not on the catapult. Assemble the trolleys by folding down the sides to 90° as shown, then folding down the end cross braces to fit against the angles of the side panels. Fit the trolley top to the turntable part. Fold down the sides and ends of the wheeled flatbed part of the trolley, to 90°, then fit the top part of the trolley onto the circular etched recess on the flatbed.

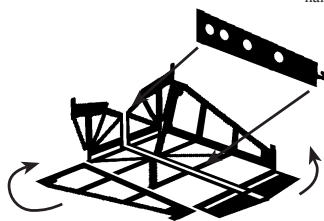
Remove the moulded rail sections and turntables from the aircraft deck, kit part J7. A set of rails, etched parts 114 have been provided to replace those moulded on to the deck & those on top of the turntables. Each section of rail has been measured against a matching rail moulded to the deck & fits directly in its place. Where two rails cross, they have been made with slots that locate together.



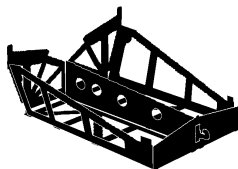
AIRCRAFT LAUNCHING CRADLES

118

Etched parts 118, provide the cradles on which the E8N2 seaplane sits when parked on deck, whether on the catapult ready for launch or on the top of the handling trolleys.

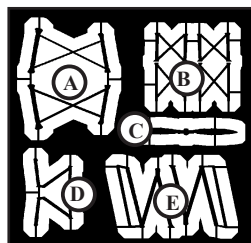


Fold up the front & back panels to 90°, then fold up the sides to meet the angled back panel. Continue twisting the side panels until the front ends meet the front panel.
Fit the central beam into place, feeding the front hook through the slot in the front panel.



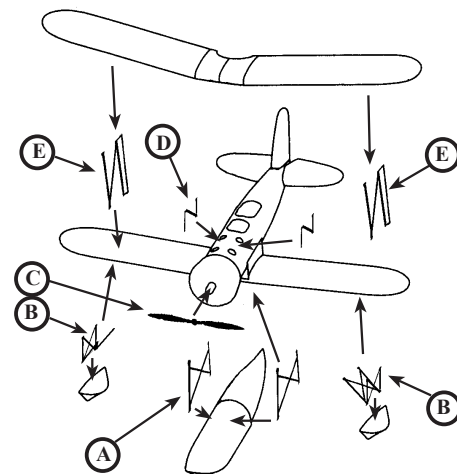
Single Central Float Aircraft type cradle.

NAKAJIMA E8N2 'DAVE' FLOATPLANE DETAILS



74

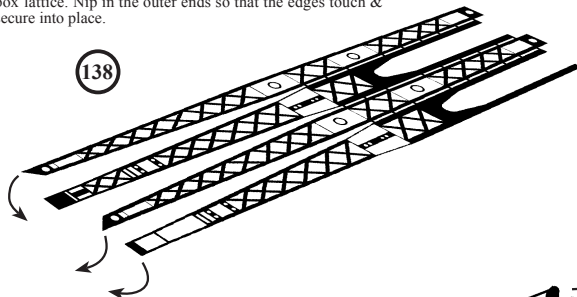
Fill the slots in the top of kit part AA2 & fit the etched parts 74A to each side of the main float. Fold the outer float stays, 74B to the shape shown, then fit to the undersides of the lower wing. Remove the spigots from the tops of kit parts AA1 & fit the outer floats to the etched stays 74B.
Fit the remainder of the etched struts & braces as shown in the diagram at right.



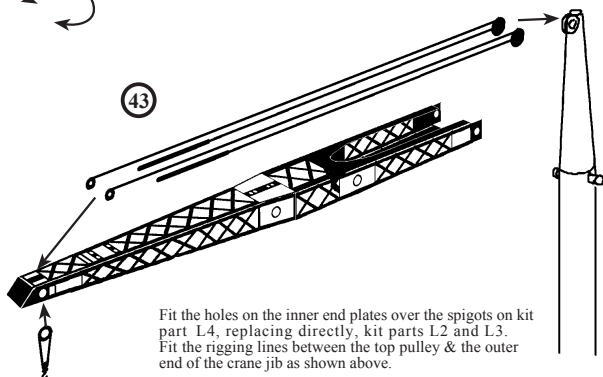
AIRCRAFT RECOVERY CRANE ASSEMBLY

Fold the sides of etched part 138, to 90° so that they are parallel, then fold the bottom section a further 90° to form an enclosed box lattice. Nip in the outer ends so that the edges touch & secure into place.

138

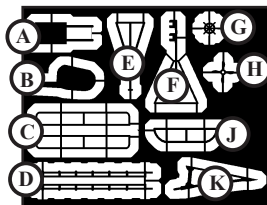


43



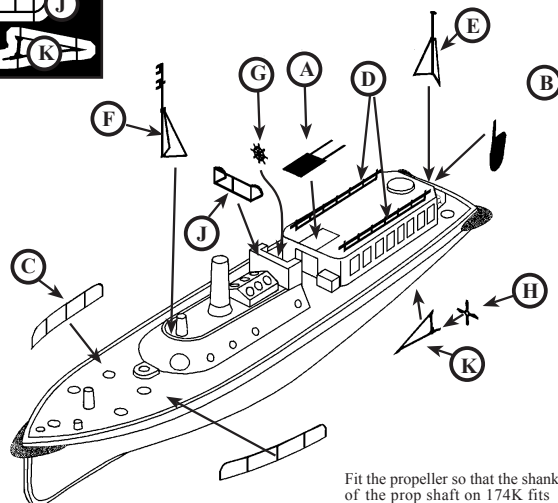
Fit the holes on the inner end plates over the spigots on kit part L4, replacing directly, kit parts L2 and L3.
Fit the rigging lines between the top pulley & the outer end of the crane jib as shown above.

17-METRE TORPEDO BOAT FITTINGS



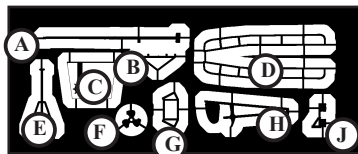
174

Fit all the detail parts and railings to the 17-metre Torpedo Boats as shown below.

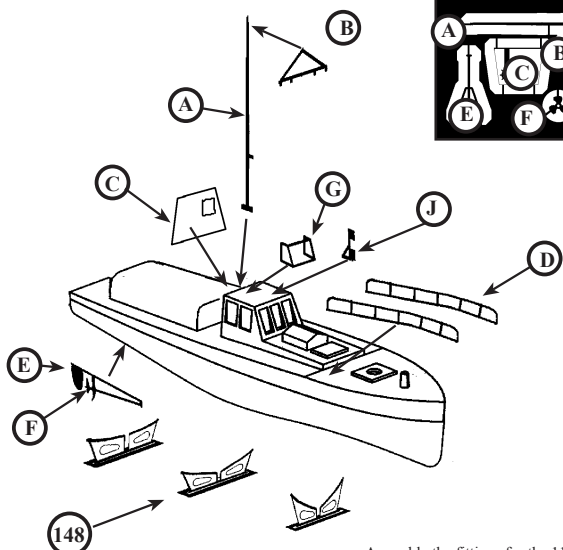


Fit the propeller so that the shank of the prop shaft on 174K fits through the slot in the middle of the propeller.

11-METRE MOTOR BOAT FITTINGS



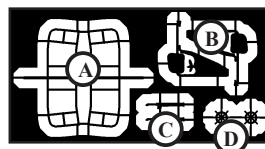
171



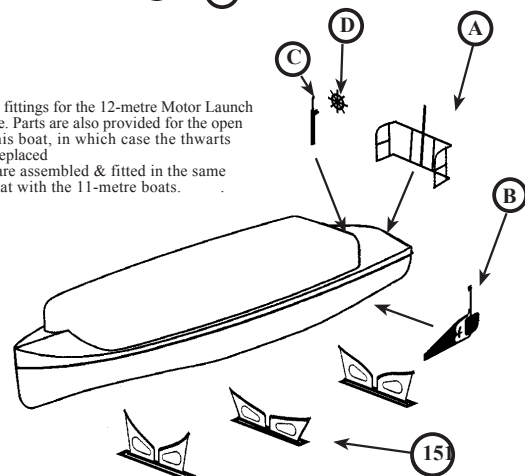
Assemble the fittings for the 11-metre boats as shown above. Assemble the cradles 148 and fit to the bottom of the boat, after first removing the moulded plastic ones from the hull, before fitting into place on the ship's deck.

12-METRE LAUNCH FITTINGS

172

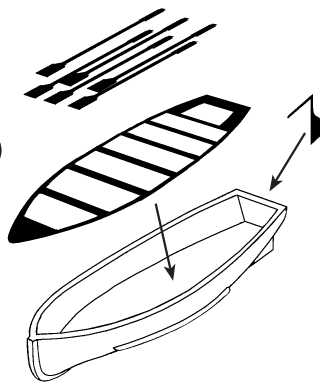


Assemble the fittings for the 12-metre Motor Launch as shown here. Parts are also provided for the open version of this boat, in which case the thwarts may also be replaced.
The cradles are assembled & fitted in the same manner as that with the 11-metre boats.



9-METRE CUTTER FITTINGS

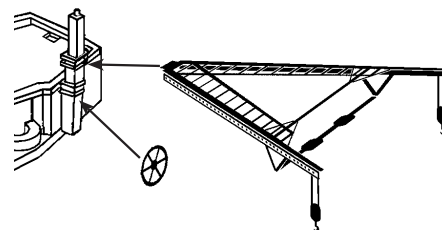
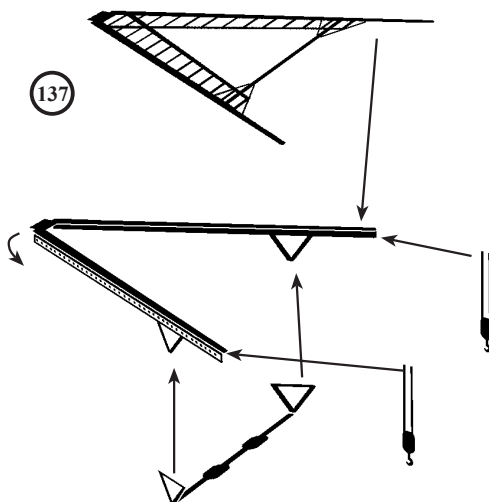
170



Replacement thwarts & rudders have been provided in etched parts 170 to replace those moulded into the boats. Remove the moulded plastic thwarts before fitting the etched items. Cradles have been provided in sufficient numbers to replace all those moulded to the deck parts.

SEA BOAT DAVIT ASSEMBLY & LOCATION

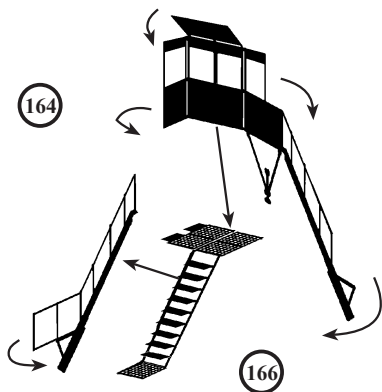
137



Assemble the sea boat davits by first folding down the sides of the lower arm section, to 90°. Then fit the top arms direct to the lower arms so that they are double-thickness. Fold up the angle brackets on the boat fender bar to 90° & twist to fit over the doublers on the sides of the davit arms. Fit the falls to the ends of the davit arms after first trimming the cables to the required length. Make 2 of these. Fit the davits to the outsides of the pillars in place of kit parts Q39. Fit the hand wheels just below the davit attachment point.

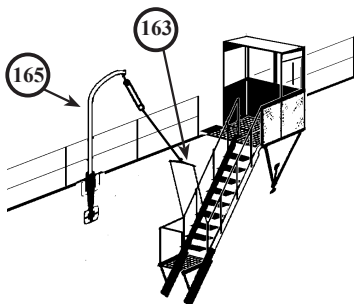
ACCOMMODATION LADDER ASSEMBLY

164



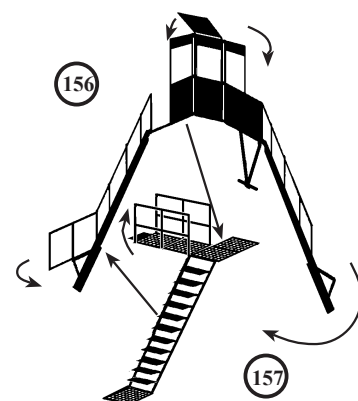
Assemble the rear accommodation ladders by folding the top covered area around so that the handrails are parallel. Cut off the inner handrail & reattach to the side of the steps. Fit the steps into the assembly.

165



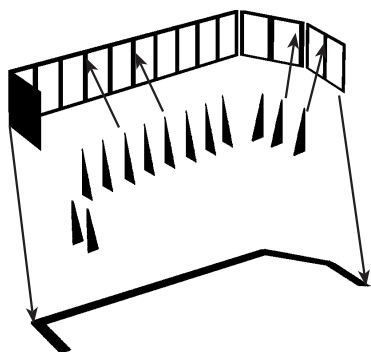
Fit the deployment yoke to the lower part of the steps as shown above, then rig to one of the davits fitted to the edge of the main deck.

156



The forward accommodation ladders are assembled in a similar manner, except the inner handrails are not cut off as the upper landing is of a narrow section.

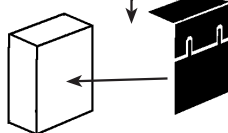
AA GUN TUB ASSEMBLY



Gun tub assemblies have been provided for all the additional AA positions added in early 1944. Their types & rough locations have been listed in the parts list, but it is recommended that you use a plan such as provided in *AJ Press 51, Nagato Mutsu Vol 1* for determining the correct location of each. To assemble use method shown above for all of the tubs.

AMMUNITION BOX FASCIA

180



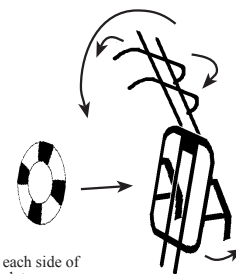
Enough fascia, etched parts 180 have been supplied to provide one ammunition box per additional AA gun fitted. The fascia are fitted to rectangular boxes made from plastic card & shaped to fit the fascia as shown above.

LIFE BUOY RACK ASSEMBLY

93



Fold the life buoy racks, etched parts 93, so that the front grille fits away from the backing frame. Fold the life ring over so it is double-thickness & fit into the frame by means of the open bottom.



Fit the lifebuoy racks on each side of the stern above the nameplates.

OTHER INSTRUCTIONS

- Railings that are tailored to fit lengthwise & have stanchions positioned at key points have been supplied in this set and, other than those described in previous section, are located as follows.
Etched parts 1 railings fit from the bow aft with the openings aligning with the positions of main chocks & fairleads. Etched parts 2, the forward section follows on aft from the first section. Etched parts 3 are the small sections of railing that run along the outer edge of kit parts L8 and L9. Etched parts 4 fit on the section of 01 deck aft of No.2 Turret barbette with the opening lining up with the top of the access ladder. Railings parts 5 are those which follow on from etched parts 2 along the edge of the main deck above the casemates. These have been divided into two sections to make shaping around the difficult angles easier to work and fit. These sections should terminate at the semi-circular splinter shield forward of platforms L8 and L9.
Railings etched parts 6 run around the edges of the catapult deck from the break at platforms L8 and L9 to the break where the large inclined ladders fit. The two small sections of railing are for the remaining small section the other side of the ladder break. Etched parts 8 fit around the lookout platforms S19. Railings etched parts 9 run along the port side aft from the inclined ladder at the deck step to the end of the crane bulge. Railing etched part 10 runs aft on the starboard side directly opposite, but follows the line of the protrusions from the main deck. Railing etched part 12 runs aft along the port side from where railing part 9 stopped & finishes at the stern. Allowing a gap for the stern platform, etched part 50 to protrude out over the stern, fit railing part 13 along from the stern forward up to where railing part 10 stopped, with a small gap for the deck plate C7. Railings 15 fit to the port side around the crane bulge with the angled single rail passing outboard of the crane body. The upper or short section of this railing should terminate at the junction of railings 9 & 12, the lower end turning towards the mid section of railing 9. Railing sections 18 are tailored to fit around the aft part of 01 deck kit part K3 where the boats are stowed and the sea boat davit pillars are fitted. The railings are in small sections to allow for breaks & where ladders run.
Two sections of generic drooping railing have been provided for use in areas where for diorama purposes have had breaks in the main runs of railing, for example where accommodation ladders are fitted or boats deployed.

OTHER INSTRUCTIONS (CONTINUED)

2. Inclined ladders have been supplied as direct replacements for those provided in the kit & which are identified to the kit parts in the parts list on page 2, with the exception of inclined ladders parts 51 replacing the moulded-on Aztec steps on kit part J1. Small inclined ladders 53 replace the moulded-on steps on kit part J9. Inclined ladder 55 replaces the moulded one on kit part R6 & inclined ladders 56 replace those on kit parts S27 and S28.
3. Gun sights, etched parts 25, are included for fitting to the 25mm single AA mounts if they are to be fitted as a 1944 refit variant. The sights fit to the left side on top of the gun body.
4. Sets of rigging lines for the davits placed on the ship's sides have been included, as etched parts 82. These run from a point on the deck to the top point of the davit.
5. Stern platform, etched part 50, is fitted so that it protrudes out over the stern, having first folded up the railings & fitted them around the edges of the platform. The leadsmans' platforms, etched parts 23, if fitted are fitted to two positions on the foc'sle, the first being above the anchor hawsepipes & the second being just forward of the angle in the deck edge. These parts are optional & are not fitted if the ship is displayed under way.
6. Two widths of vertical ladder stock parts 89 and 90 have been supplied to be cut to length & fitted as desired. The wider ladders fit to the main gun turrets & the narrower being used for the ascent of vertical bulkheads & up masts.
7. Etched part 126 is a wire antenna spreader, & is fitted by twisting the angled brackets to 90° so that they are all set in the same direction, then placing the flat ends of the angle brackets onto the face of kit part R20 just below the windows. The points of the brackets should then all point aft in parallel with the cross bar athwartships.
8. Perforated catwalks, etched parts 120, along with railings 121, have been supplied to replace the moulded plastic catwalks on kit parts S18 & S19.
9. Etched part 131 is a perforated platform for the mainmast, & directly replaces the moulded triangular platform on kit part M14, which must first be carefully removed.
10. Small angled brackets, etched parts 128, directly replace the kit parts Q18.
11. A complete fit of boat cradles has been included to replace the moulded plastic efforts on the kit parts. The locations of these cradles is tabulated in the parts list and spare 9-metre cutter cradles fit on the boat deck on kit part J1. The cradles are all assembled by folding in half so that the etched detail is outermost & each cradle is then double-thickness. The straight-edged base of each cradle then can be fitted into the etched line on the flat base plate provided if desired to aid fixing to the deck. Where boats have had cradles moulded to the hulls, these must first be removed & the hulls smoothed before fitting the etched metal cradles into place.