



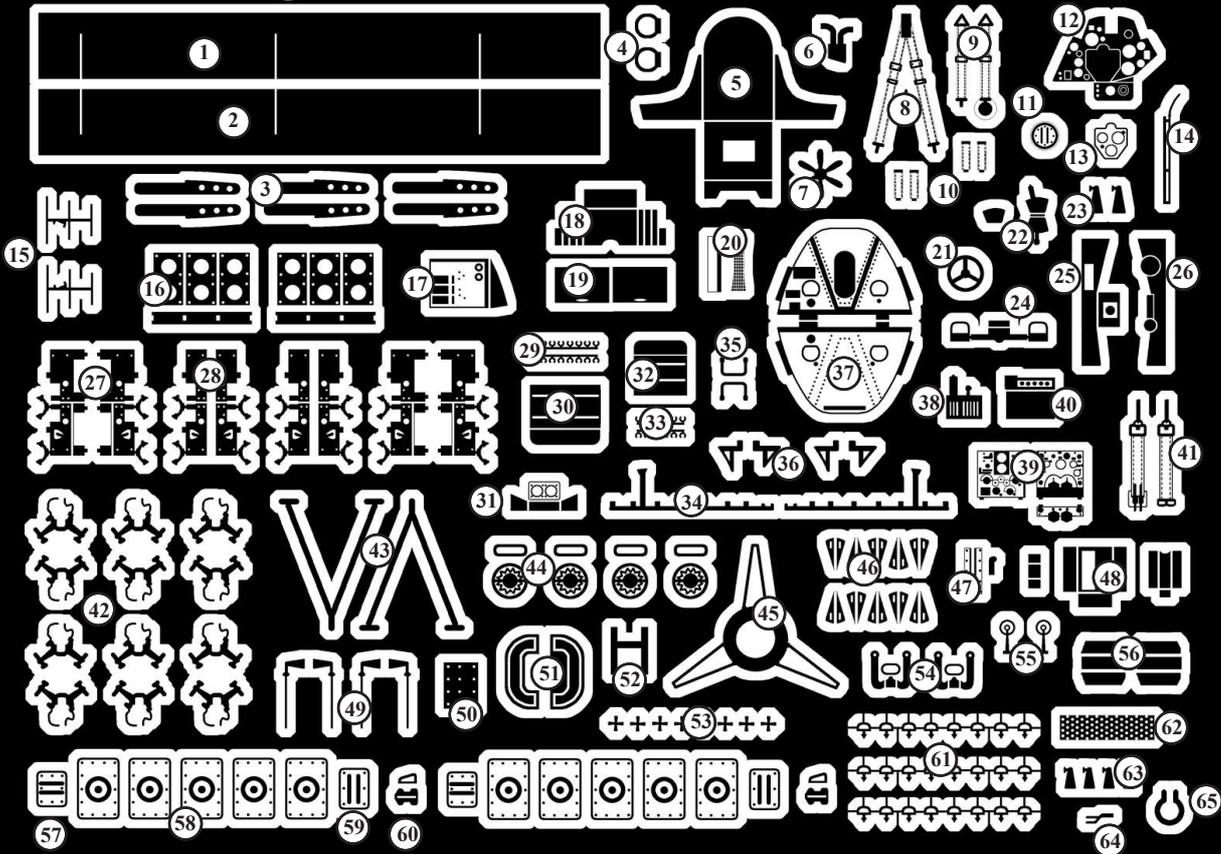
# WHITE ENSIGN MODELS

## Fairey Swordfish Mk1 General Detail Set

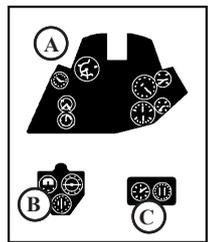
Photoetched metal detail set for the Airfix kit in 1/72 scale

### PARTS LIST

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#### Instrument Films



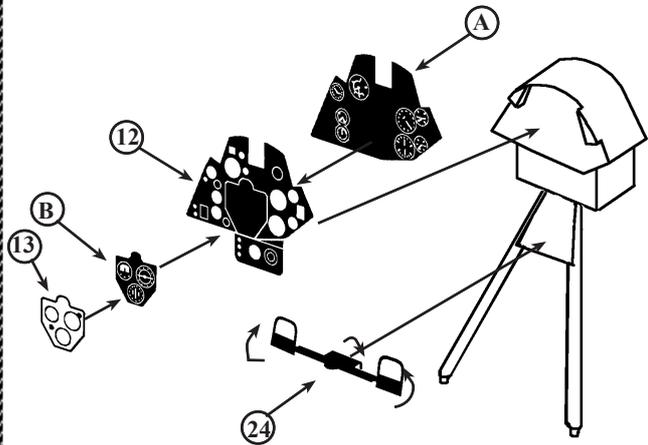
#### Not to Scale

- |   |  |   |
|---|--|---|
| <ol style="list-style-type: none"> <li>1. Leading Edge Slat (Starboard)</li> <li>2. Leading Edge Slat (Port)</li> <li>3. Leading Edge Slat Brackets</li> <li>4. Cockpit Access Hole Covers</li> <li>5. Pilot's Seat</li> <li>6. Nose Vent Pipes</li> <li>7. Torpedo Nose Vanes</li> <li>8. Pilot's Shoulder Straps</li> <li>9. Pilot's Lap Straps</li> <li>10. Strap Adjusters</li> <li>11. Compass Dial</li> <li>12. Pilot's Instrument Panel</li> <li>13. Pilot's Flight Instruments</li> <li>14. Control Column Leads</li> <li>15. ASV Antennas</li> <li>16. Light Bomb Carrier Bases</li> <li>17. Observer's Starboard Panel</li> <li>18. Chart Table Housing</li> <li>19. Chart Table Drawers</li> <li>20. Aft Cockpit Divider Plates</li> <li>21. Trim Wheel</li> <li>22. Throttle Control Box</li> </ol> | <ol style="list-style-type: none"> <li>23. Rudder Control Horns</li> <li>24. Rudder Pedals</li> <li>25. Pilot's Left Side Console</li> <li>26. Pilot's Right Side Console</li> <li>27. Light Bomb Carriers (Outer)</li> <li>28. Light Bomb Carriers (Inner)</li> <li>29. Flare Cartridge Stowage Clips</li> <li>30. Upper Flare Cartridge Stowage</li> <li>31. Observer's Left Side Instruments</li> <li>32. Lower Flare Cartridge Stowage</li> <li>33. Flare Cartridge Stowage Clips</li> <li>34. Torpedo Ranging Sight</li> <li>35. Pilot's Grab Handles</li> <li>36. Undercarriage Leg Footsteps</li> <li>37. Pilot's Cockpit Bulkhead</li> <li>38. Pilot's Left Side Control Handle</li> <li>39. TAGS Wireless Set</li> <li>40. Pilot's Left Radio Box</li> <li>41. Observer's Harness</li> <li>42. Bomb Carrier Sway Braces</li> <li>43. Wing Fold Securing Stays</li> <li>44. Magazine Can Top Plates</li> </ol> | <ol style="list-style-type: none"> <li>45. Engine Support Struts</li> <li>46. Engine Cylinder Separators</li> <li>47. Forward Gun Cocking Handle</li> <li>48. Forward Gun Magazine Box</li> <li>49. Float Rudder Control Horns</li> <li>50. Oil Cooler Shroud</li> <li>51. Oil Cooler Top and Bottom Plates</li> <li>52. Aircrew Lower Fuselage Footstep</li> <li>53. Bomb Fuzing Vanes</li> <li>54. Wing Fold Latch</li> <li>55. Gun Sights</li> <li>56. Undercarriage Lower Footsteps</li> <li>57. Float Rear Access Plate</li> <li>58. Float Mid Section Access Plates</li> <li>59. Float Forward Access Plates</li> <li>60. Float Grab Handle</li> <li>61. Rigging Eyelets</li> <li>62. Forward Gun Barrel Shroud</li> <li>63. Elevator Control Horns</li> <li>64. Pitot Tubes</li> <li>65. Tail Tie Down Ring</li> </ol> |
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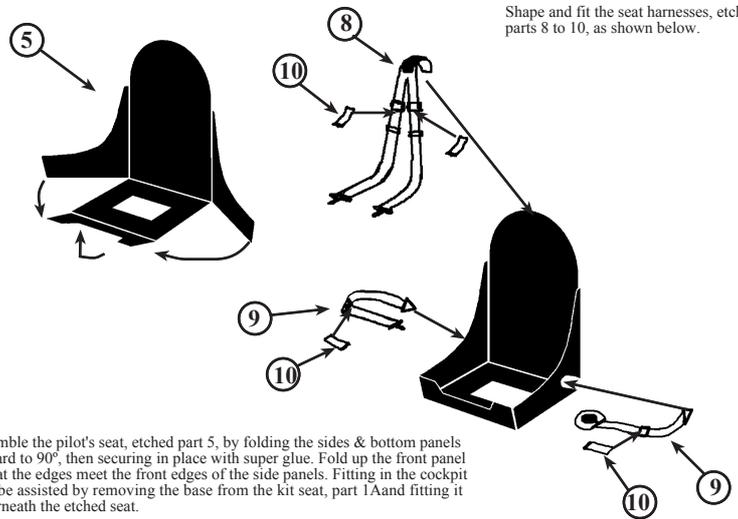
Unit 5, Cobnash Industrial Estate, Kingsland, Leominster, HR6 9RW, U.K. Tel. 01568 709149 or Fax 01568 709182  
E-mail: info@whiteensignmodels.com Website: http://WhiteEnsignModels.com

## PILOT'S INSTRUMENT PANEL ASSEMBLY



Assemble the pilot's instrument panel, etched part 12, to kit part 10A, sandwiching the instrument bezel film in between. It is advisable to paint the rear face of the instrument films white, before fitting. Also, fit the small flight instrument cluster, etched part 13, in the same way. Fold the central locating bar on the rudder pedals, etched part 24, to 90°, then fold both pedals up to 90° in the opposite direction. Fit to the lower angled plate on kit part 10A as shown above.

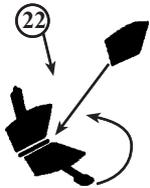
## PILOT'S SEAT ASSEMBLY



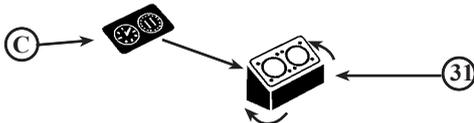
Shape and fit the seat harnesses, etched parts 8 to 10, as shown below.

Assemble the pilot's seat, etched part 5, by folding the sides & bottom panels forward to 90°, then securing in place with super glue. Fold up the front panel so that the edges meet the front edges of the side panels. Fitting in the cockpit may be assisted by removing the base from the kit seat, part 1A and fitting it underneath the etched seat.

## THROTTLE & INSTRUMENT ASSEMBLY

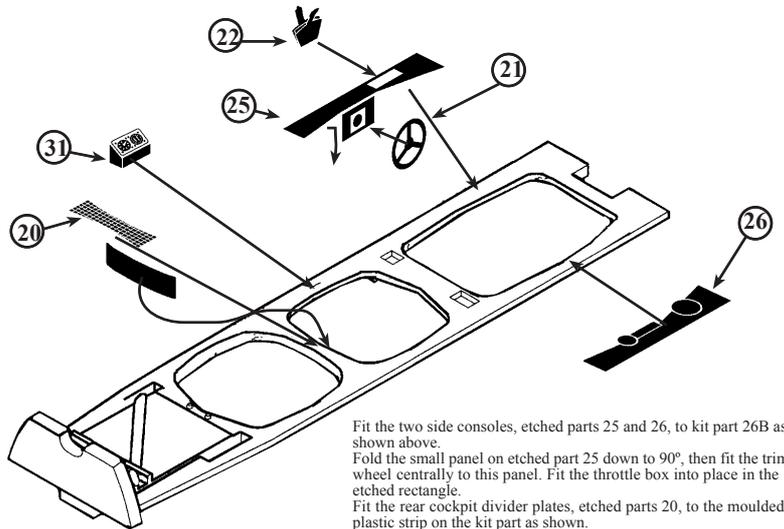


Fold the two parts of the throttle controls, etched parts 22, over until they are parallel, then fit the blank spacer plate in between them. Secure into place.



Fold the front panel of etched part 31 down, then fold the side panels to 90° so that they meet up with the top panel as shown above. Secure into place, then fit the instrument film behind the top panel.

## PILOT'S SIDE CONSOLE DETAILS



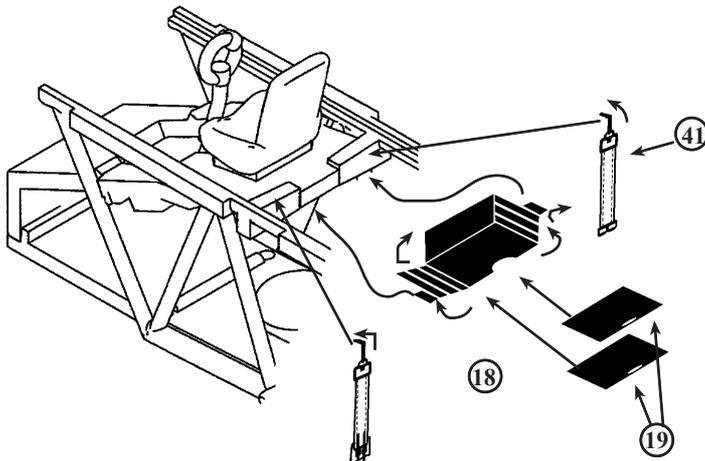
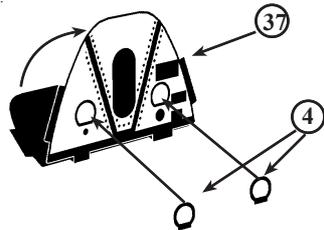
Fit the two side consoles, etched parts 25 and 26, to kit part 26B as shown above.

Fold the small panel on etched part 25 down to 90°, then fit the trim wheel centrally to this panel. Fit the throttle box into place in the etched rectangle.

Fit the rear cockpit divider plates, etched parts 20, to the moulded plastic strip on the kit part as shown.

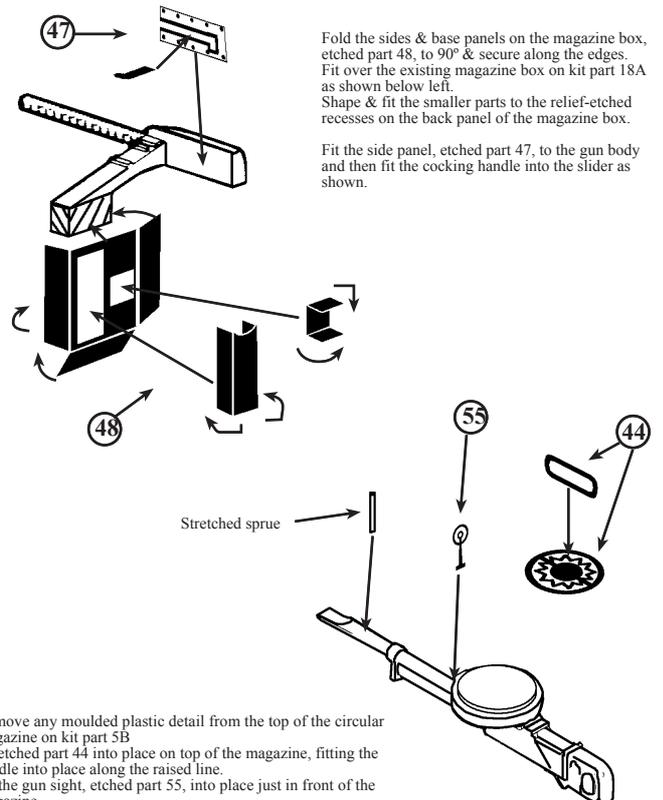
## OBSERVER'S COCKPIT DETAILS

Fold the cockpit bulkhead, etched part 37 in half, so that the relief-etched detail is outermost. Fit the small access panels, etched parts 4, over the circular openings in either the open or shut positions. Fit this assembly in place of kit part 3D.



Fold up the sides & rear panels of etched part 18, making sure the relief-etched locating lines are inside. Fit the chart table drawers, etched parts 19, inside the etched locating lines. Fit this assembly under the pilot's seat floor panel. Fit the narrow ends of the observer's restraining straps, etched parts 41, to each side of the cross bar as shown.

## MACHINE GUN FITTINGS

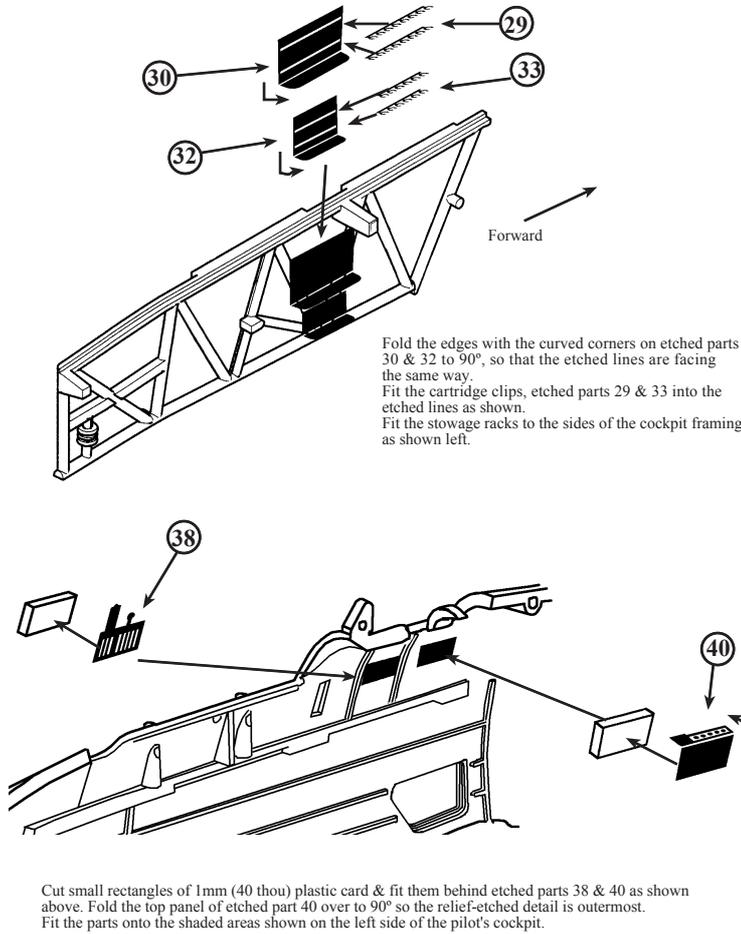


Fold the sides & base panels on the magazine box, etched part 48, to 90° & secure along the edges. Fit over the existing magazine box on kit part 18A as shown below left. Shape & fit the smaller parts to the relief-etched recesses on the back panel of the magazine box.

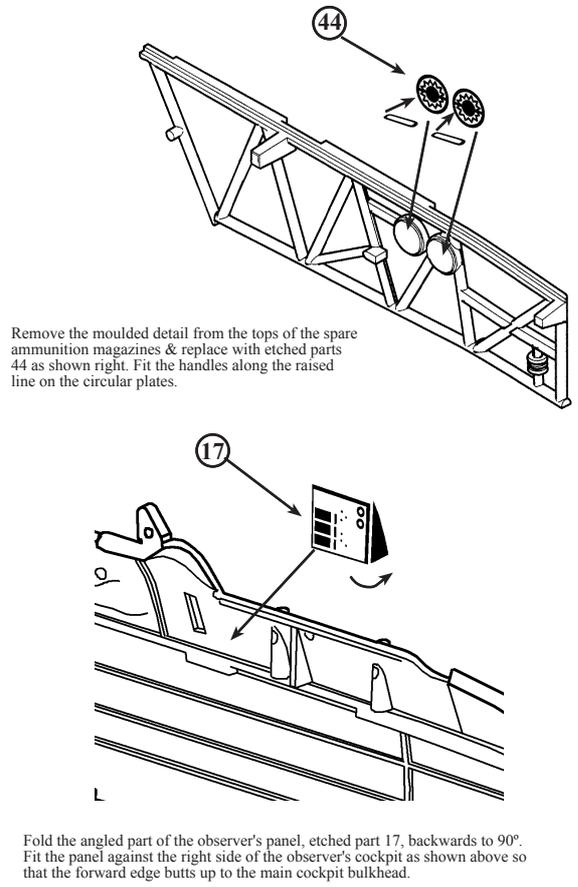
Fit the side panel, etched part 47, to the gun body and then fit the cocking handle into the slider as shown.

Remove any moulded plastic detail from the top of the circular magazine on kit part 5B. Fit etched part 44 into place on top of the magazine, fitting the handle into place along the raised line. Fit the gun sight, etched part 55, into place just in front of the magazine. Fit a short length of stretched sprue or plastic rod to the top of the gun barrel as a fore sight as shown above right.

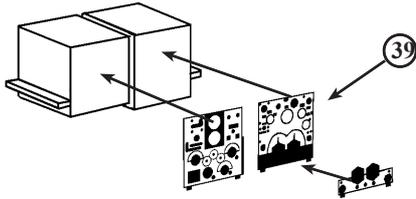
### COCKPIT LEFT SIDE DETAILS



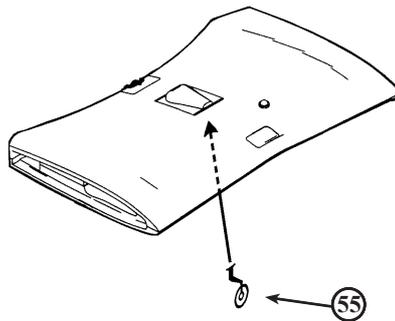
### COCKPIT RIGHT SIDE DETAILS



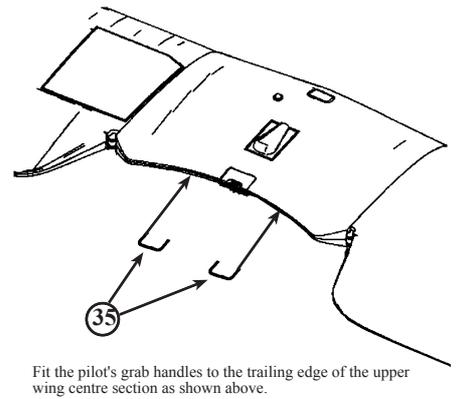
### WIRELESS BOX FASCIA DETAILS



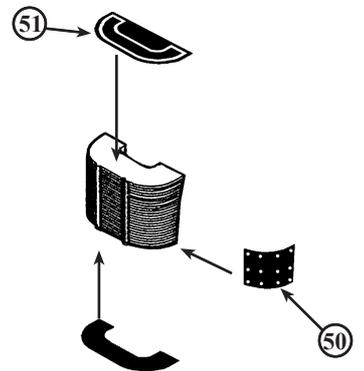
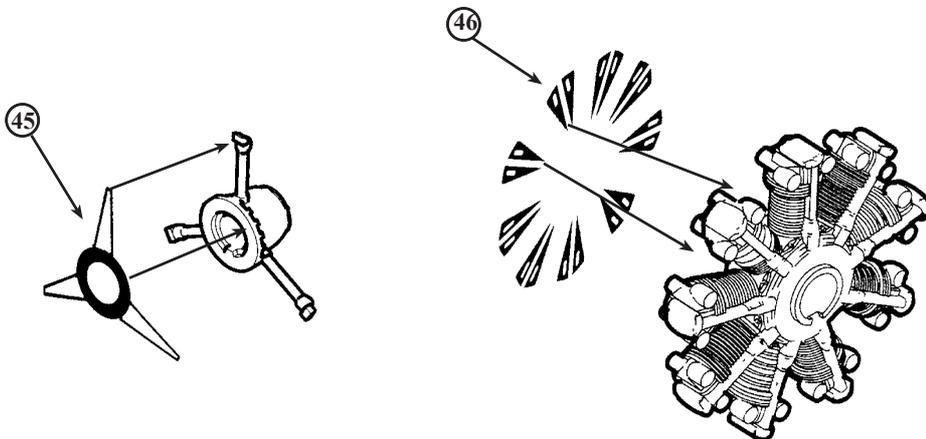
### PILOT'S GUN SIGHT LOCATION



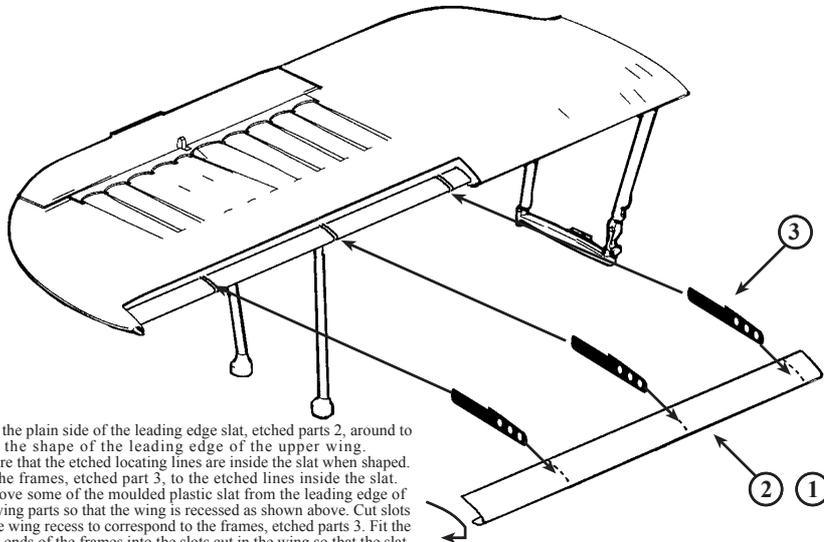
### PILOT'S GRAB HANDLES



### ENGINE FITTINGS

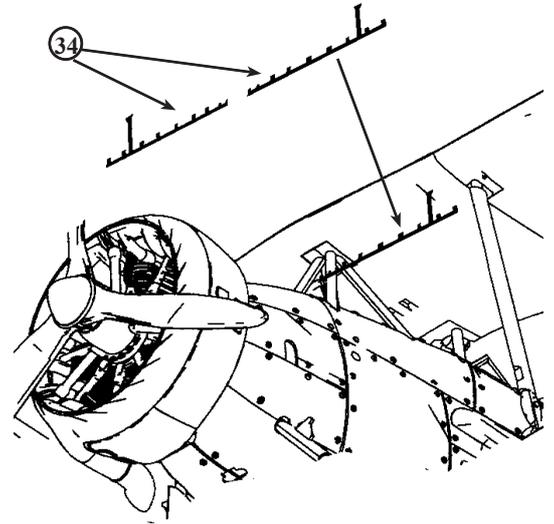


### UPPER WING LEADING EDGE SLAT ASSEMBLY



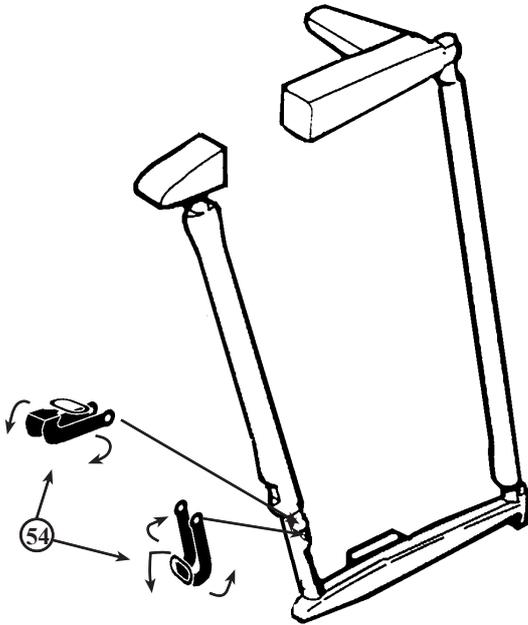
Fold the plain side of the leading edge slat, etched parts 2, around to take the shape of the leading edge of the upper wing. Ensure that the etched locating lines are inside the slat when shaped. Fit the frames, etched part 3, to the etched lines inside the slat. Remove some of the moulded plastic slat from the leading edge of the wing parts so that the wing is recessed as shown above. Cut slots in the wing recess to correspond to the frames, etched parts 3. Fit the plain ends of the frames into the slots cut in the wing so that the slat is portrayed in the extended position. Repeat on the opposite wing.

### TORPEDO SIGHTING BAR LOCATION



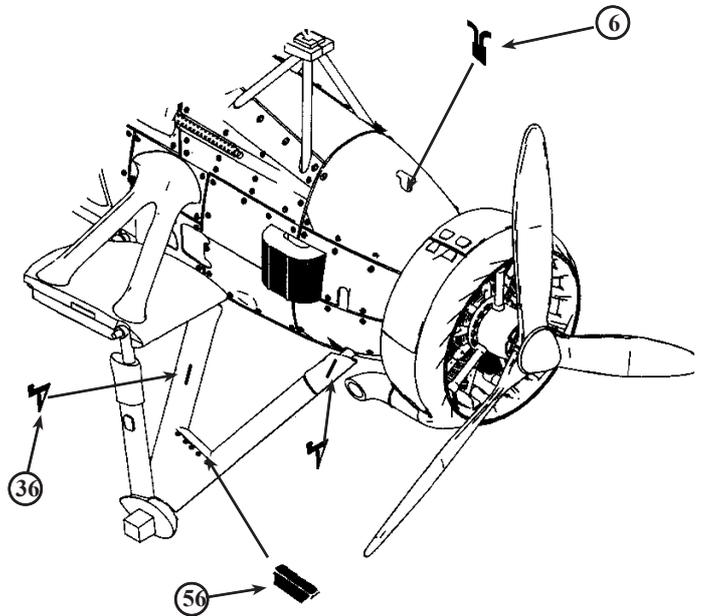
Fit the torpedo sighting bars, etched parts 34, so that the inner ends fit onto the central wing support struts. The foot of the outer end support leg fits onto the underside of the upper wing.

### WING FOLD LATCH HANDLE



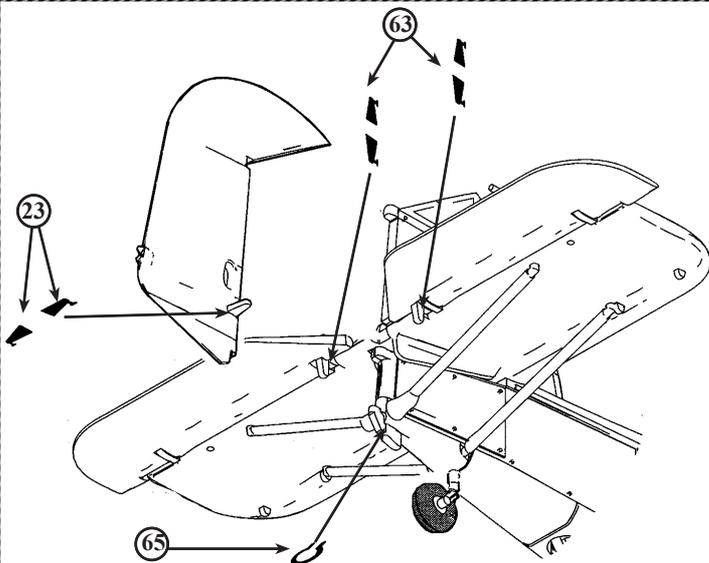
Fold the sides of the latch handles, etched parts 54, to 90° so that they are parallel. Remove the moulded plastic detail from the foot of the inner struts, kit parts 5D & 7D. Fit the latch handles so that they are in the down position when the wings are spread & up when the wings are folded.

### UNDERCARRIAGE FOOT STEP LOCATION



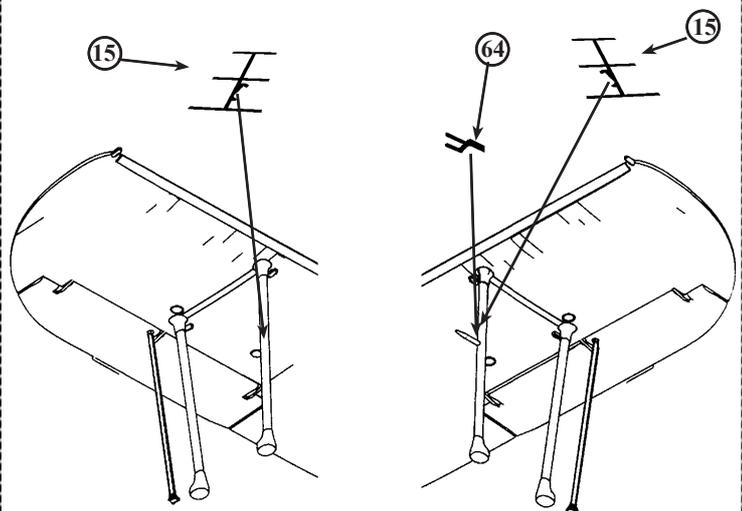
Remove the moulded plastic footsteps from the undercarriage legs & replace them with etched parts 36 & 56 as shown. An alternative breather tube, etched part 6, has been provided to fit if desired, having removed the moulded plastic item first.

### TAILPLANE FITTINGS



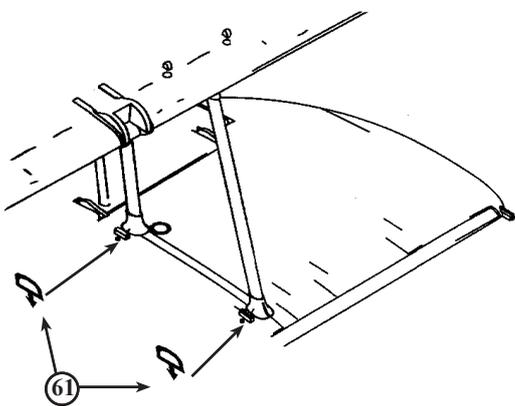
Remove the moulded plastic elevator & rudder control horns & replace using the etched parts 63 & 23 respectively. Fit the tail tie down ring, etched part 65, as shown.

### ASV RADAR ANTENNA LOCATION



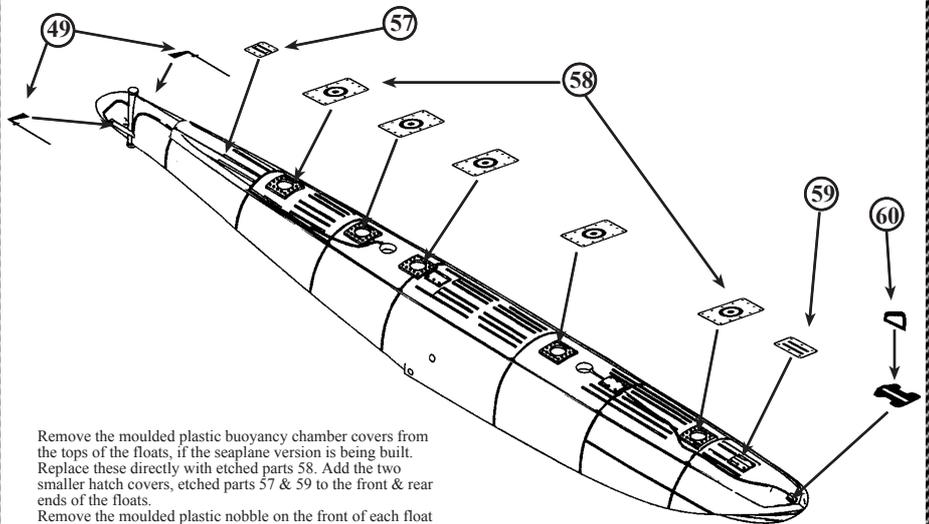
Remove the moulded plastic pitot tube from the left wing outer strut & replace with the etched part 15. The ASV antennas, etched parts 64, have been provided as an optional extra & are fitted to the outer wing front struts as shown. Note that these are angled to point outwards when fitted correctly.

## RIGGING EYE FITTING



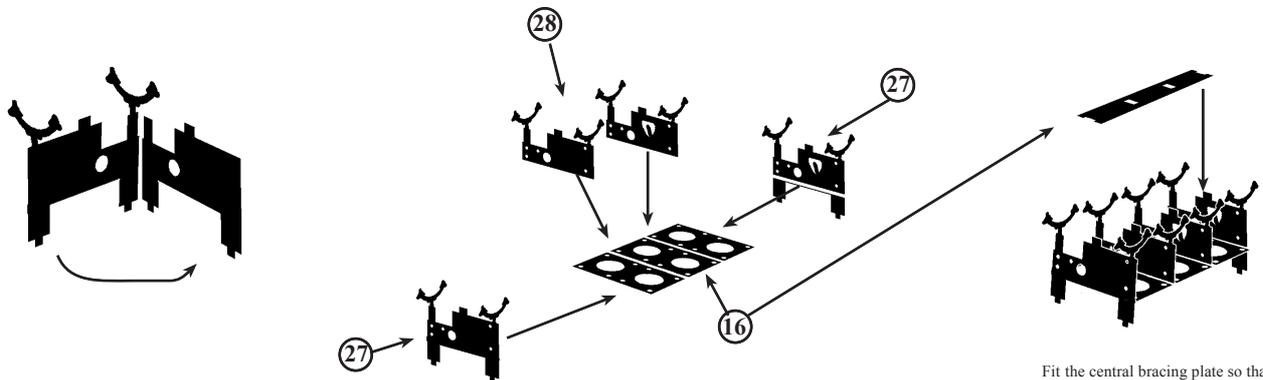
If the model is to be rigged with bracing wires, etched parts 61 will greatly assist you with this process. Drill small holes at the base of each strut, then push the barbed locating stub on the base of each eyelet into the holes. These will be secured into place by the barbed stud, but an application of super glue may be necessary to fully secure the eyelets into place. The rigging wire may now be threaded through the eyelets as desired. A fine fly fishing line is recommended for rigging.

## SEAPLANE VERSION FLOAT DETAILS



Remove the moulded plastic buoyancy chamber covers from the tops of the floats, if the seaplane version is being built. Replace these directly with etched parts 58. Add the two smaller hatch covers, etched parts 57 & 59 to the front & rear ends of the floats. Remove the moulded plastic nubble on the front of each float & replace with the grab handles, etched parts 60, as shown. Remove the moulded plastic rudder control horns & replace with etched parts 49 to each side of the rudders.

## LIGHT SERIES BOMB CARRIER ASSEMBLY

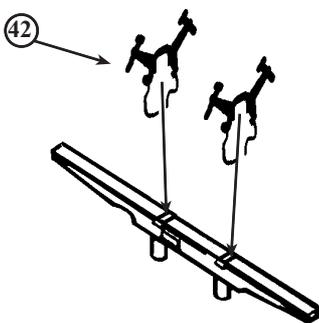


Fold the light bomb carriers, etched part 27 & 28, in half & secure into place so that the relief-etched detail is outermost. Turn the sway braces to 90°.

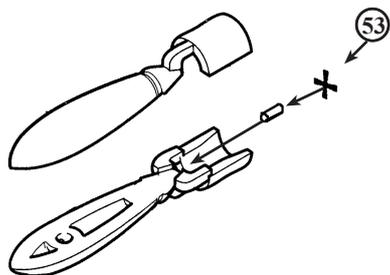
Fit the centre plate so the shorter edges fit into the etched lines on the inboard sides of the bomb carriers 27. These carriers have the mounting feet. Fit the bomb carriers 28 to the fore-and-aft etched lines on the top of the centre plate as shown above.

Fit the central bracing plate so that the holes fit over the lugs on the two inner carriers. The end forks then fit around the lugs on the outer carriers. These assemblies directly replace kit parts 8A and 9A.

## 250lb BOMB & BOMB CARRIER DETAIL



Remove the moulded plastic sway braces from the bomb carriers, kit parts 18C, & replace with etched parts 42 as shown above.



Fit the bomb arming vanes to each of the bombs by attaching etched parts 53 to a short length of stretched sprue & fit into the rear of each bomb as shown above.

## OTHER INSTRUCTIONS

1. Wiring loom, etched part 14, has been supplied to fit to the pilot's control stick so that the curved end is at the top & located to the back of the firing button.
2. Etched part 62 has been provided as an extra piece of detail for the forward gun if desired. This may be rolled into a cylinder shape and fitted over the existing gun barrel of kit part 18A.
3. Etched part 52 may be used to replace the crew entry footstep, kit part 16B, if it is found necessary.
4. Kit parts 3B & 4B may be directly replaced using etched parts 43, if it is found that the kit parts are too heavy when building the model with wings spread for flight. Curve the spigot at the point of the V to form a hook in the manner of the kit parts.
5. Etched part 11 is a compass bezel that can be given depth by backing up with 30 thou (0.75mm) plastic card. This compass can be fitted to attachment points on the rear cockpit edging.
6. Recommended publications for further research in to the Swordfish are the fine *Warpaint No12: Fairey Swordfish* by W.A. Harrison. Also *Swordfish -From the Cockpit* by Donald Payne gives a good photographic record as well as many interesting accounts given by those who flew in them.