

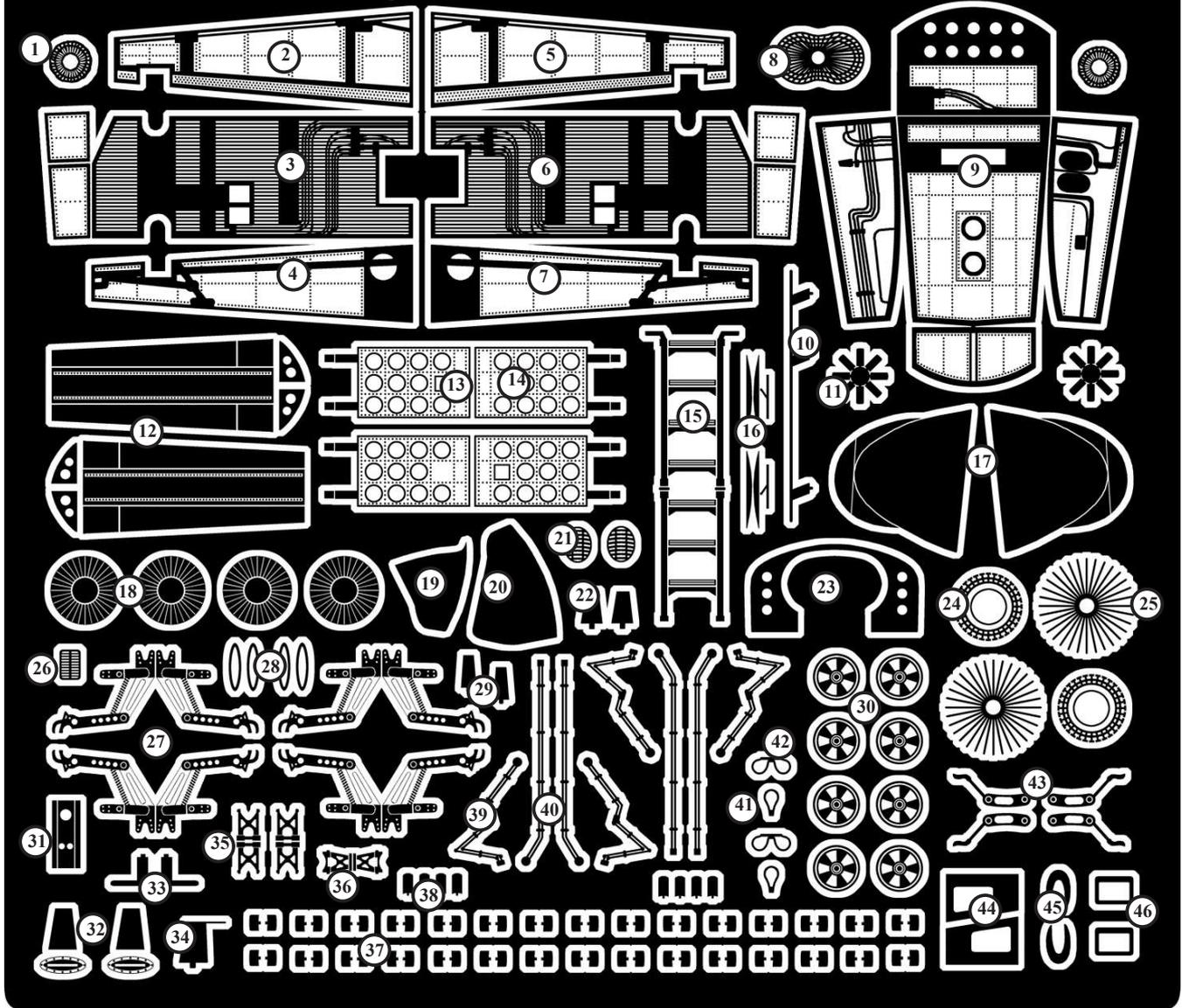
# WHITE ENSIGN MODELS

## Handley-Page Victor K2

Photoetched Parts for detailing the Exterior of the Matchbox/Revell kit in 1/72 Scale

### Parts List

© WHITE ENSIGN MODELS 2014



- |   |  |  |
|---|--|--|
| 1. Wing Pod Refueling Drogue (Retracted)    | 16. Windscreen Wipers                      | 32. Forward Fuselage Blade Aerials     |
| 2. Left Main U/C Bay Inner Side Panel       | 17. Main Wing Fences (Inboard)             | 33. Pitot Masts                        |
| 3. Left Main U/C Bay Upper Panel            | 18. Turbine Blade Discs                    | 34. Tail Plane Top Blade Aerial        |
| 4. Left Main U/C Bay Outer Side Panel       | 19. Crew Door Rear Shield                  | 35. Main U/C Leg Torque Links          |
| 5. Right Main U/C Bay Inner Side Panel      | 20. Crew Door Forward Shield               | 36. Nose U/C Leg Torque Link           |
| 6. Right Main U/C Bay Upper Panel           | 21. Upper Rear Fuselage Vent Grilles       | 37. Vortex Generator Blades            |
| 7. Right Main U/C Bay Outer Side Panel      | 22. Fuselage Underside Blade Aerials       | 38. Wing Refueling Pod Vanes           |
| 8. Centre Line Refueling Drogue (Retracted) | 23. Central Refueling Hose Light Plate     | 39. Main U/C Brake Pipes (Lower)       |
| 9. Nose U/C Bay Tub                         | 24. Refueling Drogue Outer Ring (Deployed) | 40. Main U/C Brake Pipes (Upper)       |
| 10. Rail Antenna                            | 25. Refueling Drogue Cone (Deployed)       | 41. Ejector Seat Handles (Seat Pan)    |
| 11. Refuelling Wing Pod Vanes (8-Bladed)    | 26. Lower Forward Fuselage Vent Grille     | 42. Ejector Seat Handles (Face Screen) |
| 12. Airbrake Interior Stiffener Beam        | 27. Main Undercarriage Uplock Mechanism    | 43. Main U/C Bogie Restrainers         |
| 13. Airbrake Actuator Plate (Forward)       | 28. Underwing Intake Surrounds             | 44. Canopy Side Window Panels          |
| 14. Airbrake Actuator Plate (Rear)          | 29. Upper Fuselage Blade Aerials           | 45. Tail Plane Wing Tip Fences         |
| 15. Crew Entry Ladder                       | 30. Main Wheel Hubs                        | 46. RAT Intake Surrounds               |
|   | 31. Nose Wheel Spray Guard Separator Plate |  |

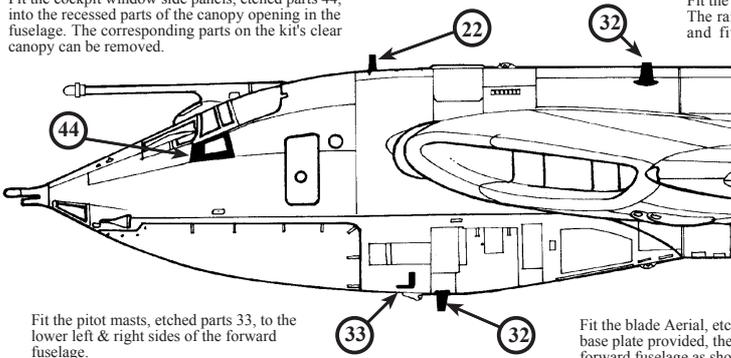
© WHITE ENSIGN MODELS LTD. 2014

## Photo Etched Parts General Instructions

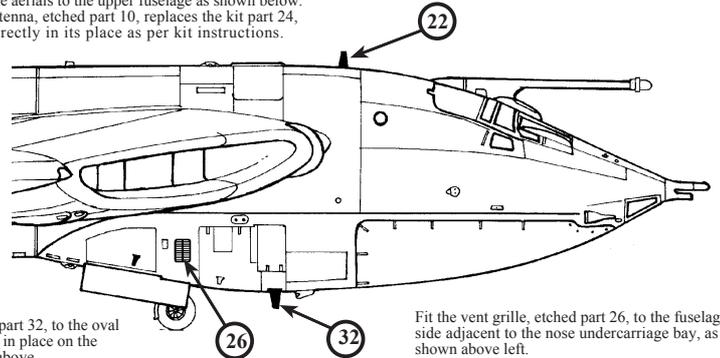
1. Do not remove the etched parts from the fret until you are ready to use them.
2. Before assembly, soak the etched parts in a suitable solvent, such as white spirit, to de-grease the surfaces for painting.
3. Cyanoacrylate adhesive (super glue) or contact adhesive such as Elmers white glue may be used.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

### Fuselage Antenna Locations

Fit the cockpit window side panels, etched parts 44, into the recessed parts of the canopy opening in the fuselage. The corresponding parts on the kit's clear canopy can be removed.



Fit the blade aerials to the upper fuselage as shown below. The rail antenna, etched part 10, replaces the kit part 24, and fits directly in its place as per kit instructions.

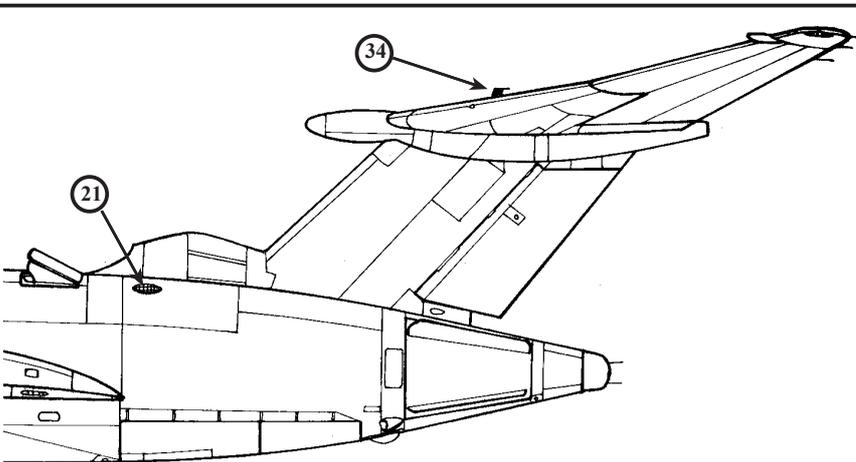


Fit the pitot masts, etched parts 33, to the lower left & right sides of the forward fuselage.

Fit the blade Aerial, etched part 32, to the oval base plate provided, then fit in place on the forward fuselage as shown above.

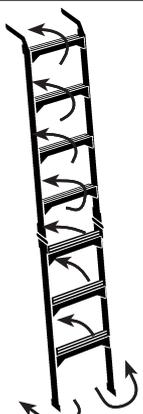
Fit the vent grille, etched part 26, to the fuselage side adjacent to the nose undercarriage bay, as shown above left.

### Tail Vent Grilles & Blade Aerial Location

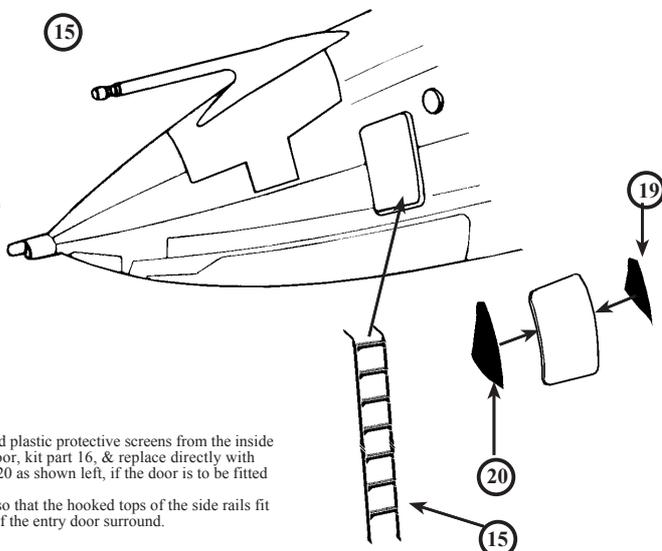


Cut out oval holes in the top of the rear fuselage at the location shown above, and fit the vent grilles, etched parts 21 into the holes on each side.  
Fit the blade aerial, etched part 34, centrally to the top of the tail.

### Crew Entry Door & Ladder



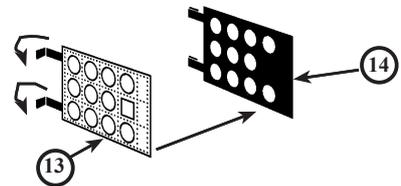
Fold the side rails of the crew entry ladder, etched part 15, to 90° so that they are parallel. Fold the tops of the ladder steps rearwards to 90° to form the foot plates. Secure into place with super glue.



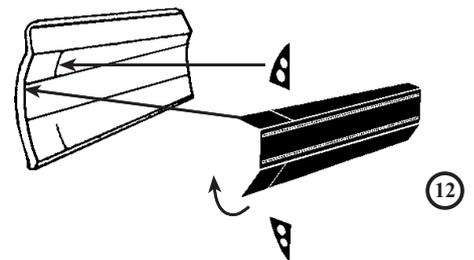
Remove the moulded plastic protective screens from the inside of the crew entry door, kit part 16, & replace directly with etched parts 19 & 20 as shown left, if the door is to be fitted in the open position.  
Fit the crew ladder so that the hooked tops of the side rails fit onto the lower rim of the entry door surround.

### Air Brake Assembly

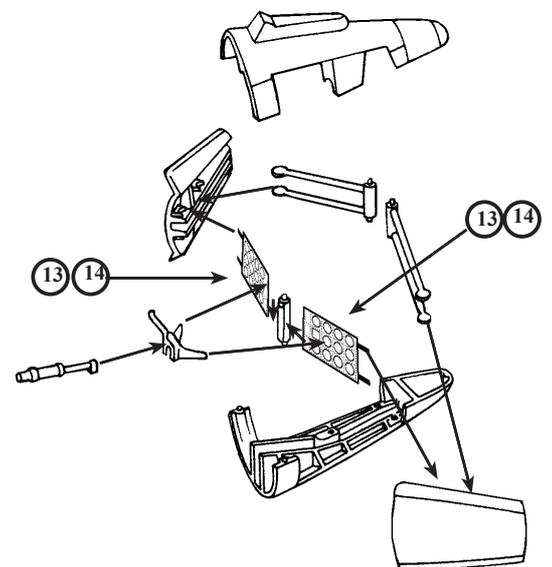
Fix etched parts 13 & 14 together, so that the plate is double-thickness with the relief-etched detail outermost. Fold the ends of the outer legs around on themselves & secure into place so that the ends are quadruple thickness.



Make two of the above as mirror images.

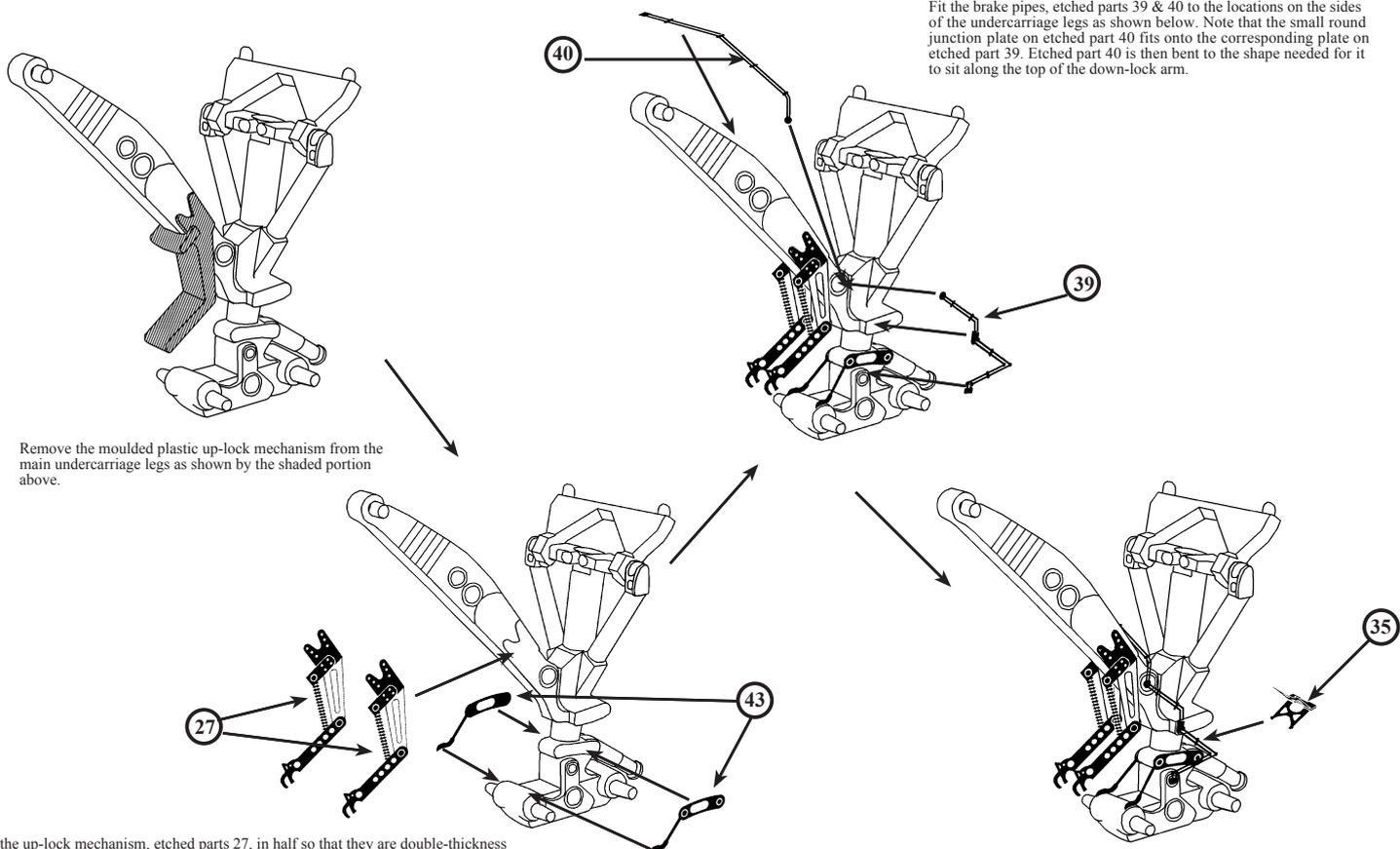


Remove the moulded detail from the inside of the airbrake panels, kit parts 8 & 9. Fold the sides of etched parts 12 to 90° & fit centrally into the inside of the airbrake panel as shown above. Fit the small braces into place on the relief-etched lines.



Remove the central spindle from kit part 33 & retain. Fit the etched parts 13 & 14 assemblies so that the straight short edge fits onto the plastic spindle, replacing the plastic items that have been removed.  
Assemble the airbrake mechanism as shown above, incorporating the etched parts, & also as per the kit's instructions.

## Main Undercarriage Leg Detailing



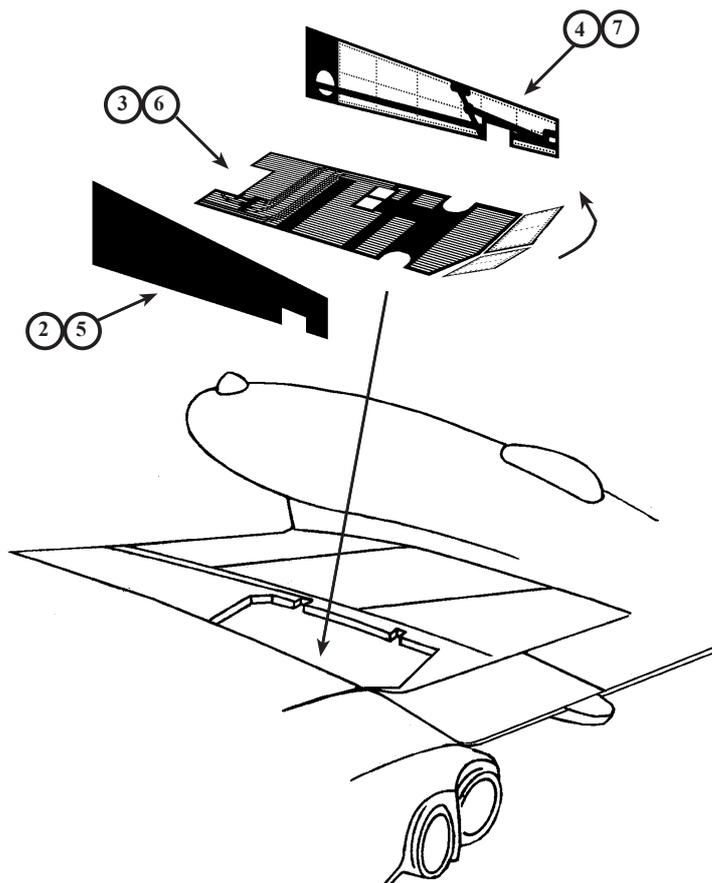
Fit the brake pipes, etched parts 39 & 40 to the locations on the sides of the undercarriage legs as shown below. Note that the small round junction plate on etched part 40 fits onto the corresponding plate on etched part 39. Etched part 40 is then bent to the shape needed for it to sit along the top of the down-lock arm.

Remove the moulded plastic up-lock mechanism from the main undercarriage legs as shown by the shaded portion above.

Fold the up-lock mechanism, etched parts 27, in half so that they are double-thickness with the relief-etched detail outermost. Fit to either side of the undercarriage down-lock arm, in the place of the moulded plastic parts previously removed. Fit the undercarriage wheel bogie stays, etched parts 43, to each side of the lower legs as shown above.

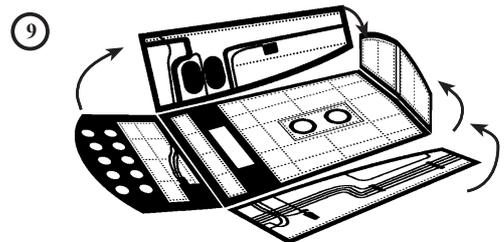
Fold the torque links, etched parts 35, to the shape shown above, & fit into place so that the upper & lower forks fit onto the upper & lower parts of the oleo leg. Moulded plastic may need to be removed from the area first.

## Main Undercarriage Bay Assembly

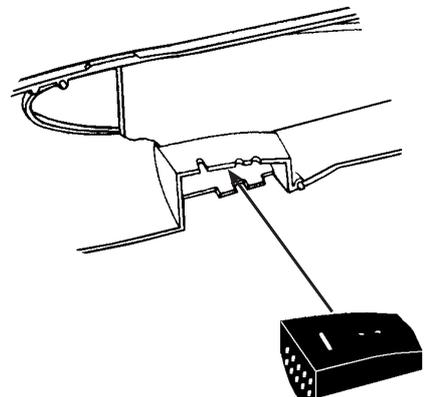


Clean out the inside of the main undercarriage bays for any moulded plastic lugs or ejector pin tags. Leave the main undercarriage leg locating points in place. Fold up the rear panel of etched parts 3 & 6 and shape to fit the rear edge of the main undercarriage bay top plate. Fit the etched parts 3 & 6 into the main undercarriage bays in the main wings--these are left- & right-handed--& secure into place on the inside of the wing surface. Fit the side panels, etched parts, 2,4,5 & 7 into place on the insides of the main undercarriage bays, with the relief-etched detail outermost.

## Nose Undercarriage Bay Assembly

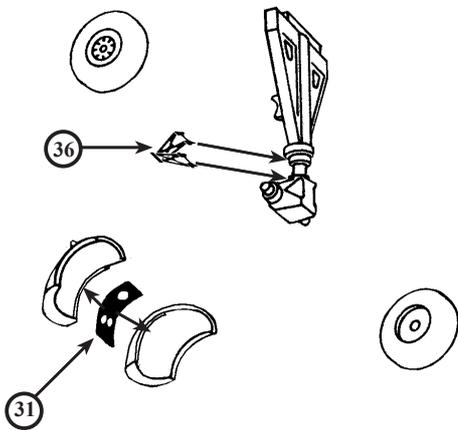


Fold up the side panels of the nose undercarriage bay, etched part 9, to 90° then gently curve the upper plate to fit the edges of the side panels. Secure into place. Fold up the forward & rear end panels to 90° & secure the edges to the side panels.



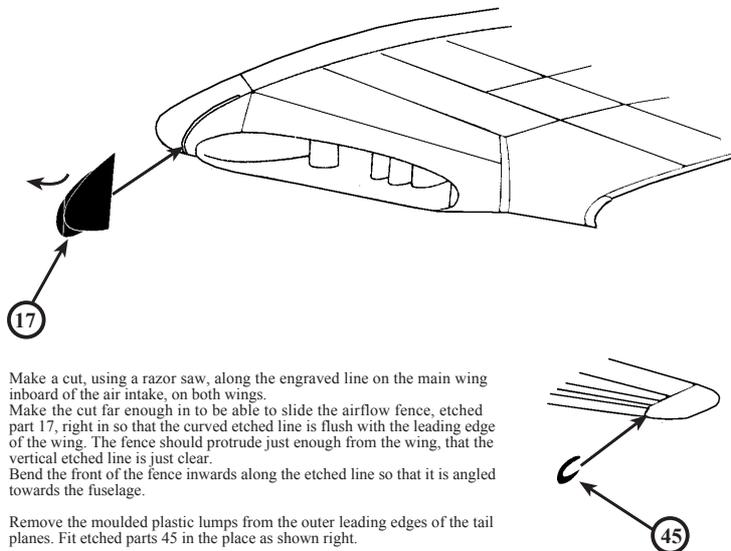
Make sure the interior of moulded plastic nose bay is clean & free from mould lugs & deformities before fitting the etched interior details into place. This part has to be fitted into place as the two halves of the fuselage are joined together, as access afterwards is very restricted.

### Nose Undercarriage Leg Detailing



Remove the moulded plastic section between the spray guards on kit part 17, then curve etched part 31 to fit in between as shown above. Fit the spray guards as per kit instructions. Shape & fit the torque link, etched part 36, between the upper & lower sections of the oleo leg as described with those parts on the main undercarriage.

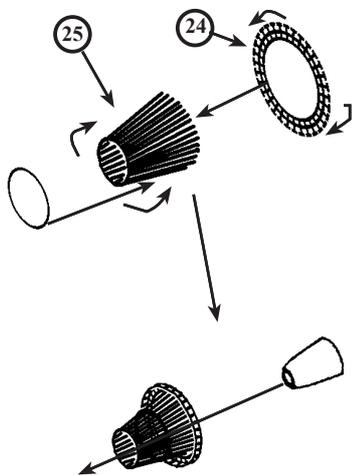
### Wing Fence Fitting



Make a cut, using a razor saw, along the engraved line on the main wing inboard of the air intake, on both wings. Make the cut far enough in to be able to slide the airflow fence, etched part 17, right in so that the curved etched line is flush with the leading edge of the wing. The fence should protrude just enough from the wing, that the vertical etched line is just clear. Bend the front of the fence inwards along the etched line so that it is angled towards the fuselage.

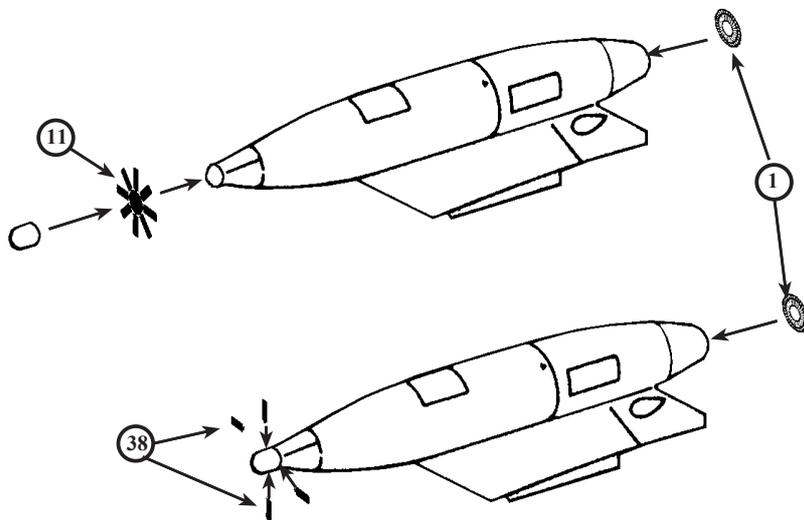
Remove the moulded plastic lumps from the outer leading edges of the tail planes. Fit etched parts 45 in the place as shown right.

### Refuelling Drogue Assembly



Two refuelling probe baskets have been supplied as additional interest for anyone making a diorama out of the kit. To assemble, first fold back the fronds of etched part 25 so that they angle away from the inner ring equally. Remove the inside ring from etched part 24, and slide it up the cone of etched part 25, to a point midway up. Fit the ends of the fronds of etched part 25 to the inside of the drogue ring & secure into place. Bend the T-shaped sections on the outer ring of etched part 24 forwards to 90°. The ends of the Ts should touch to form a continuous band around the outside of the drogue. Secure the ring into place half way up the fronds of etched part 25. Cut the nose from the plastic drogue of kit parts 54, & push through the middle of the etched drogue assembly until it fits tight. Secure into place.

### Wing-Mounted Refuelling Pod Details



A choice of parts has been provided for the vanes on the front of the refuelling pods. Etched parts 38 form a 4-bladed propeller that drives the generator motor in the hose reel inside the pod. Remove any detail from the plastic kit parts 37 & 38 and fit the four blades to the spinner as shown above. The later version of this is an 8-bladed propeller, etched part 11. Again clean up the kit parts 37 & 38, but then remove the spinner from the front of the pod with a sharp knife, & retain. Fit etched part 11 to the flat front of the pod, then refit the spinner to the centre of the etched part 11. The blades of the etched part can now be twisted round to an angle. Collapsed refuelling drogues, etched parts 1 are provided to fit onto the rear of the refuelling pods as shown above. A centreline collapsed drogue, etched part 8, is provided for the centreline pod.

### Other Notes

1. Wheel hubs, etched parts 30, have been provided to add extra detail to the wheels on the main undercarriage bogies. These hubs are fitted directly to the centres of each of the outboard wheels on the bogies.
2. Engine turbine blade discs, etched parts 18, have been supplied as an additional extra & can be fitted if desired to the inside walls of the jet exhausts. They should be fitted into the exhaust parts of the lower wings, kit parts 51 and 70, before the wing halves are joined together.
3. Windscreen wipers, etched parts 16, have been provided as part of a complete motor wiper assembly. Fold the 2 crescent-shaped parts together so they are double-thickness, then bend the wiper blade to 90°. Remove the humps on the transparent canopy, kit part 74, & replace with the etched parts.
4. Etched part 23 is the underside refuelling light panel. This fits onto the rear face of the fuselage centre line refuelling pod, kit parts 10 & 11, when fitted in the lowered position.
5. Oval surrounds, etched parts 28, for the four cooler air intakes, kit parts 67, can be fitted to the fronts of the kit parts to give better shape & definition. Also rectangular intake surrounds, etched parts 46, have been provided to fit in a similar manner to the RAT intakes, kit parts 22.
6. Ejector seat operating handles, etched parts 41 & 42 have been supplied in this set to detail the ejector seats in the kit parts, if the WEM interior detail set has not been fitted. The ejector seats will be visible through the canopy, so some detail on them will enhance the overall appearance.
7. Vortex generators, etched parts 37, have been included as an option to fit if it is felt that those moulded onto the upper surfaces of the wings are too heavy. Also these may get damaged during the building process & need replacing.
8. Handy references available come in the form of publications from Ian Allan's *Postwar Military Aircraft 6: Handley Page Victor* by Andrew Brooks, or another good book is the Aerofax publication, *Handley Page Victor: The Crescent-Winged V Bomber* by Phil Butler and Tony Buttler