

**Supermarine Seafire Mk. 1, 2 & 3
Detail & Wing Fold Set**

This Detail set is manufactured from photo - etched brass sheet and is for the Airfix 1/48 scale model kit.

Etched brass should be thoroughly cleaned by gently wiping with a solvent such as White Spirit and primed for painting.

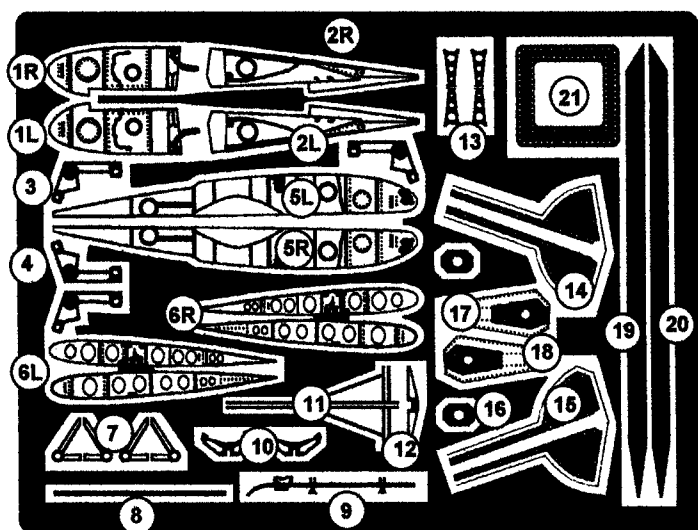
To separate parts, support fret on a firm surface, (i.e., a small sheet of glass or a plain ceramic tile) and cut as near to the part as possible using a sharp blade.

To fold part use Airwaves Folding Tool AM022 for a good and even fold. For fixing parts, use Cyanoacrylate Adhesive (Superglue) or Epoxy resin. To remove the green photo resist film from the surface of the metal, a caustic soda solution is recommended, though extreme care should be taken when handling.

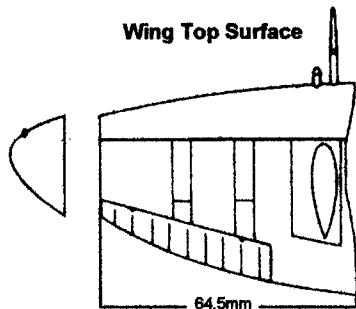
Manufactured for and by:- E.D. Models, 64 Stratford Road, Shirley, Solihull, B90 3LP, England.

Telephone (44)- 0121-744-7488 Fax (44)- 0121-733-2591

1. Inner Wing Forward Frame. 2. Inner Wing Rear Frame. 3 & 4. Main Hinge Halves
5. Outer Wing Frame. 6. Wing Tip Fold Joint. 7. Forward Catapult Spools
8. Bomb Cradle Mount Stiffener. 9. Bomb Cradle Centre Beam. 10. Sway Braces
11 & 12. Bomb Cradle Fuselage Frame. 13. U/C Torque Links. 14 & 15. U/C Doors
16. Fuselage Lifting Eyes. 17 & 18. Rear Catapult Attachments. 19 & 20. Fuselage Stiffeners
21. Fuselage Hatch.

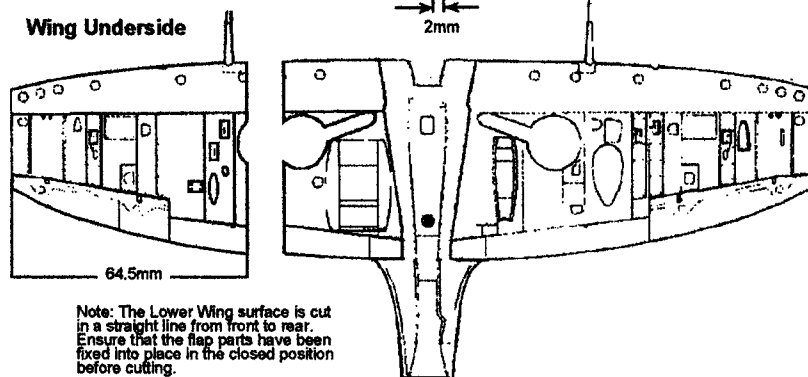
**WING FOLD CUTTING DIAGRAMS****Wing Top Surface**

Cut slot here to seat the main hinge

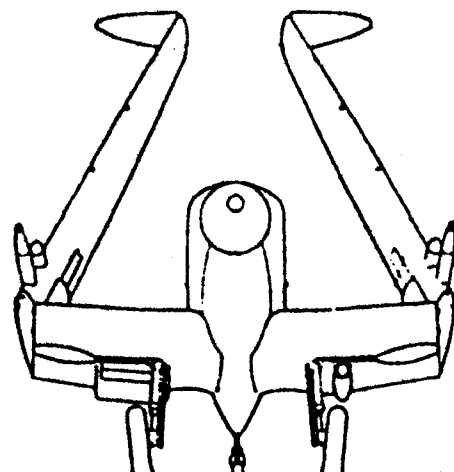


Note: The Upper Wing surface is cut so that there is an overlap section.

The kit provides a choice of wing tips that are separated along the correct line, so no cutting is required for these parts.

Wing Underside

Note: The Lower Wing surface is cut in a straight line from front to rear. Ensure that the flap parts have been fixed into place in the closed position before cutting.

WINGS IN FOLDED POSITION

The above diagram shows the position of the wings and tips in the folded position.

WING FOLD JOINT ASSEMBLY

Cut a slot in the protruding upper surface of the inner wing, to allow the hinge assembly to fit correctly

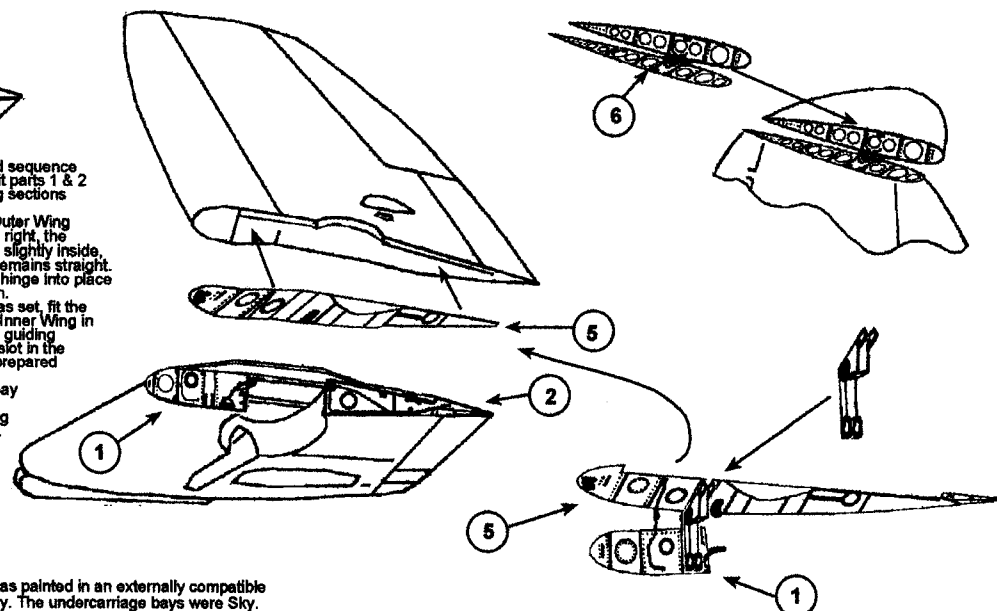


The recommended sequence of assembly is to fit parts 1 & 2 into the Inner Wing sections first. Fit parts 5 to the Outer Wing sections as shown right, the trailing edge fitting slightly inside, so that the frame remains straight. Fit the assembled hinge into place on part 5 as shown. When assembly has set, fit the Outer Wing to the Inner Wing in the folded position guiding the hinge into the slot in the upper surface as prepared earlier. The Outer Wing may be secured further by cementing along the upper fold line.

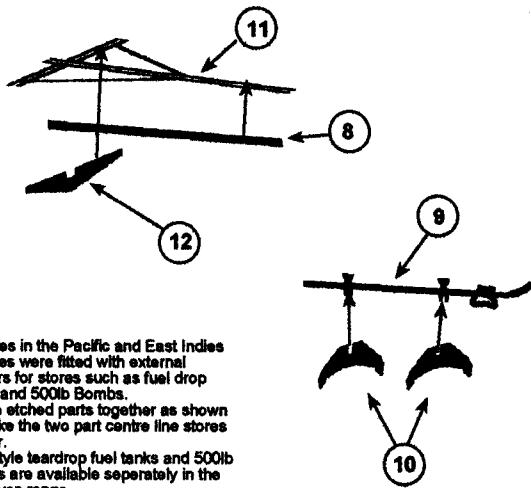
Use a piece of 60 thou (1.5mm) plasticard to act as a spacer between hinge halves.

General Note:

It appears that the interior framework of the joints was painted in an externally compatible colour, i.e. Extra Dark Sea Grey or Dark Slate Grey. The undercarriage bays were Sky.



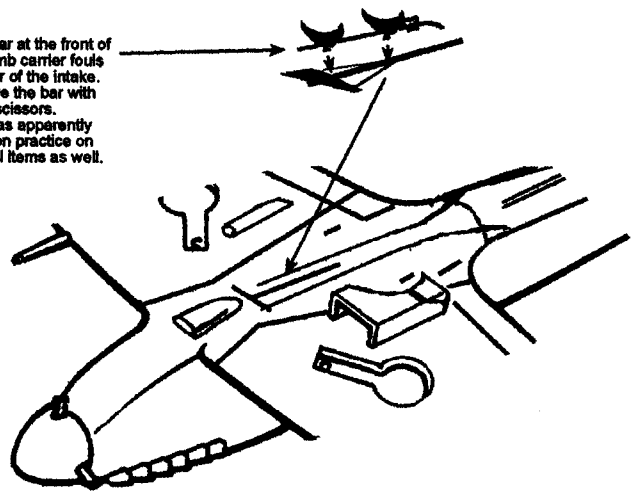
EXTERNAL FUEL TANK/BOMB CARRIER



Seafires in the Pacific and East Indies theatres were fitted with external carriers for stores such as fuel drop tanks and 500lb Bombs. Fit the etched parts together as shown to make the two part centre line stores carrier. P40 style teardrop fuel tanks and 500lb bombs are available separately in the Airwaves range.

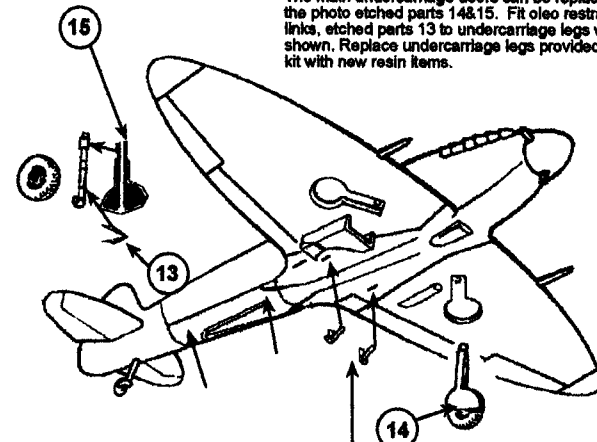
EXTERNAL CARRIER LOCATION

If the bar at the front of the bomb carrier fouls the rear of the intake. Remove the bar with sharp scissors. This was apparently common practice on the real items as well.



LANDING GEAR LOCATION

The main undercarriage doors can be replaced with the photo etched parts 14&15. Fit oleo restraining links, etched parts 13 to undercarriage legs where shown. Replace undercarriage legs provided in the kit with new resin items.



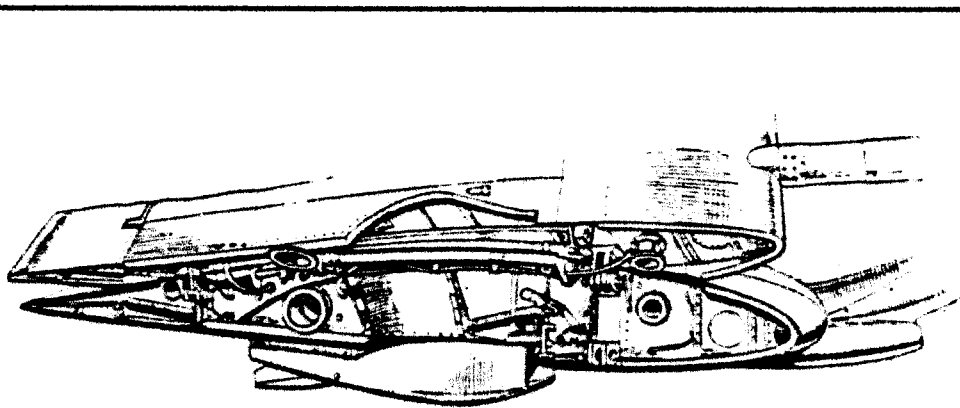
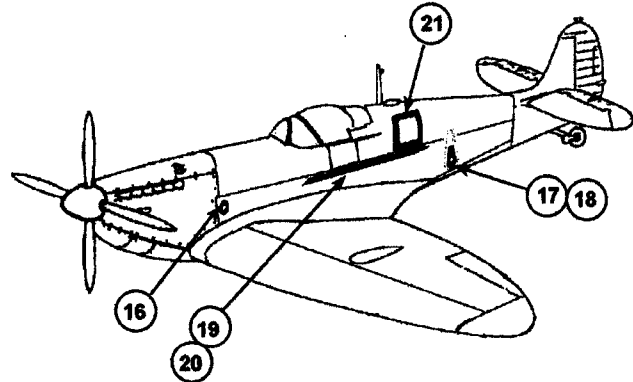
The forward catapult spools are located as shown with the pegs facing outward.



Assemble forward catapult spools by folding parts 7 in half as shown, and then fitting a 2mm length of plastic rod to one side. Repeat the operation with the second part, attaching the plastic rod to the opposite side of the assembly.

STRENGTHENING PLATES & MODIFICATIONS

The Seafire had to be strengthened to withstand the extra loads imposed upon it during deck operations from an aircraft carrier. Stiffener plates were fitted to parts of the fuselage as follows. Etched part 21 is fitted to the left side only and is the radio hatch stiffener. Parts 19 & 20 are Left and Right respective fuselage stiffeners, and fit to the fuselage sides as shown. Etched parts 17 & 18 are the Left and Right respective rear catapult spool strengthening plates and fit where shown on each side of the fuselage. Parts 16 are the forward slinging plates and fit each side of the nose.



Seafire Mk3 Wing Fold Joint