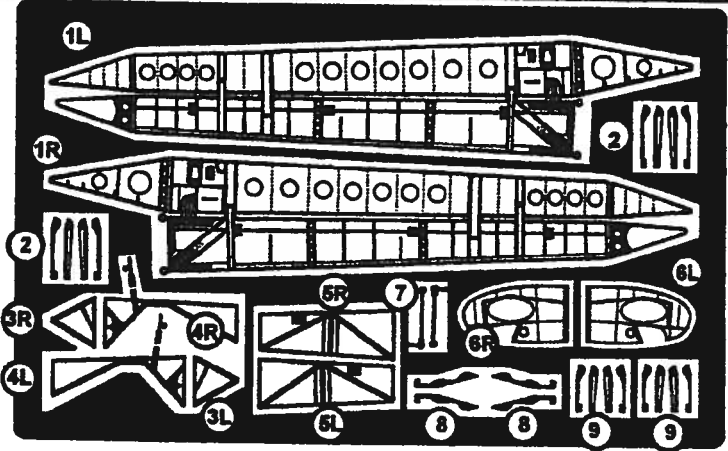
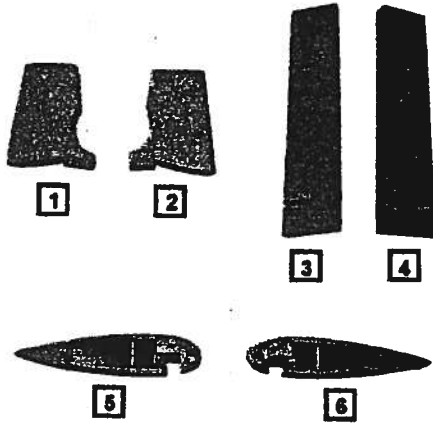


Fairley Barracuda Wing Fold Set

Important Notes

Care should be taken, when filling or sanding resin parts, not to inhale the dust as it can be harmful to your health. It is recommended that a dust mask is worn when working with these parts. Etched brass should be thoroughly cleaned by gently wiping with a solvent such as White Spirit and primed for painting. 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. To separate parts, support first 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.

Manufactured for and by:- E.D. Models, 64 Stratford Road, Shirley, Solihull, B90 3LP, England. Tel. (44)- 0121-744-7488 Fax (44)- 0121-733-2591



1. Wing Tank Insert (Right)
2. Wing Tank Insert (Left)
3. Trailing Edge Section (Right)
4. Trailing Edge Section (Left)
5. Wing Root (Right)
6. Wing Root (Left)

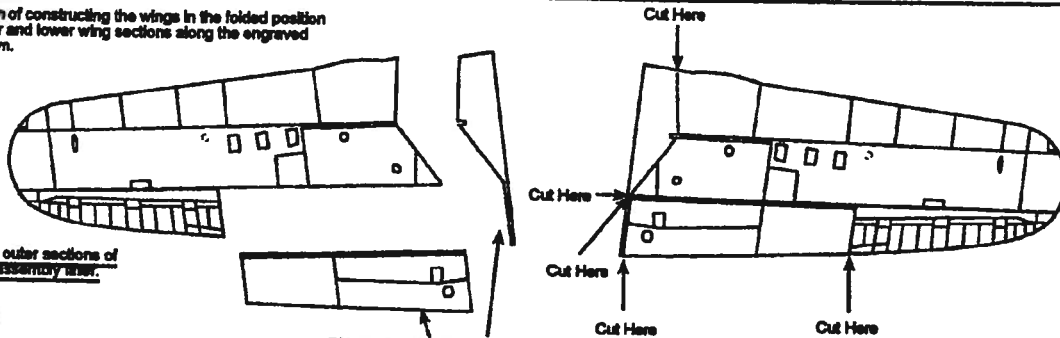
1. Trailing Edge Fold Joint & Main Hinge
2. Inboard Hinge Assemblies
3. Wing Root Forward Braces
4. Wing Root Aft Braces
5. Outer Wing Braces
6. Outer Wing Leading Edge Plates
7. Flap Control Link
8. Flap Control Link Attachment
9. Outer Hinge Assemblies

WING SECTION CUTTING DIAGRAM

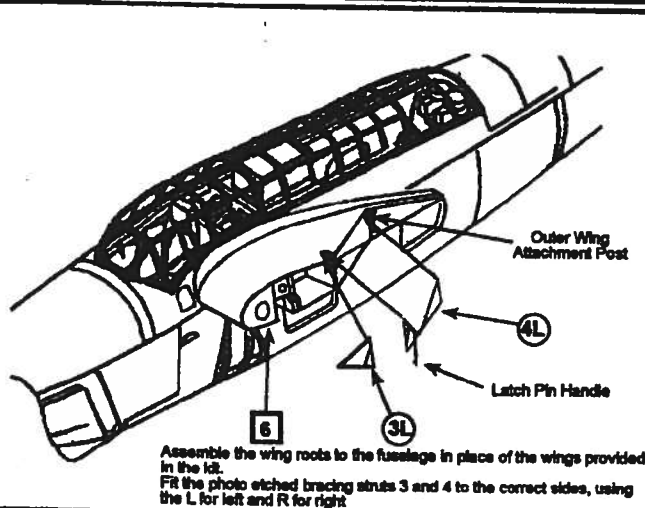
The first operation of constructing the wings in the folded position is to cut the upper and lower wing sections along the engraved fold lines as shown.

Keep the outer sections of wing for assembly later.

Discard these parts and replace with the resin parts provided



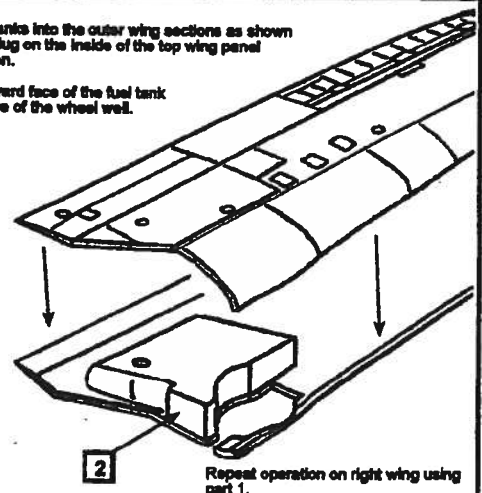
WING ROOT ASSEMBLY



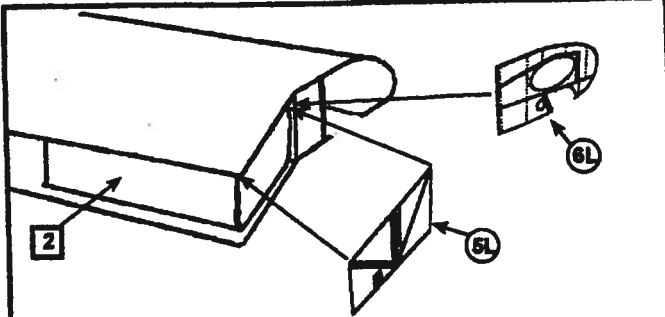
FUEL TANK LOCATION

Assemble the fuel tanks into the outer wing sections as shown using the moulding lug on the inside of the top wing panel as a guide to location.

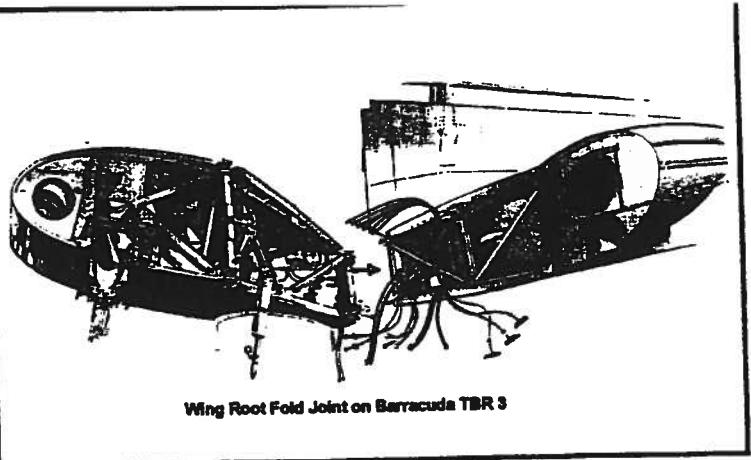
Ensure that the forward face of the fuel tank conforms to the edge of the wheel well.



OUTER WING ROOT BRACING



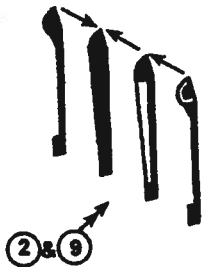
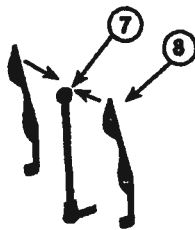
Assemble the photo etch bracing and paneling to the open outer wing roots as shown. Repeat operation as a mirror image on the right wing.



Wing Root Fold Joint on Barracuda TBR 3

HINGES & CONTROL LINKS

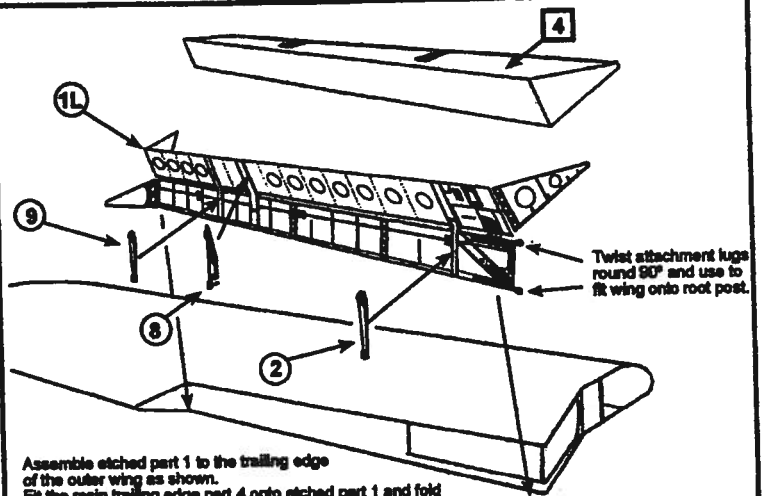
Assemble the flap control linkage, parts 7 & 8 as shown right and retain for fitting.



Assemble the Trailing Edge hinges as shown left and retain for fitting.

Note: Parts 2 make the longer inboard hinge, where parts 9 make the shorter outboard hinge. A total of four hinges should result.

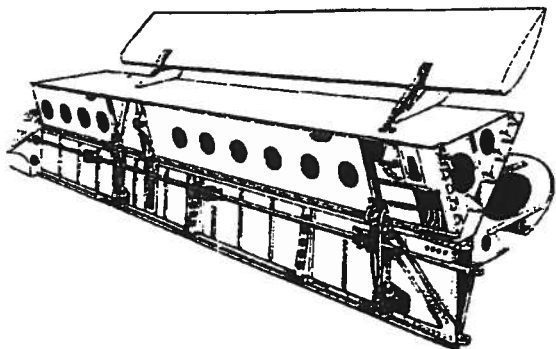
TRAILING EDGE FOLD ASSEMBLY



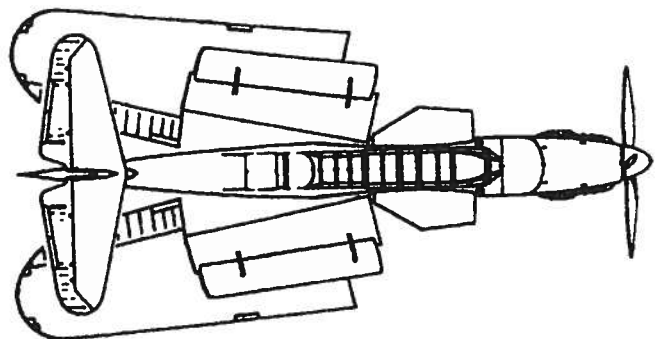
Twist attachment lugs round 90° and use to fit wing onto root post.

Assemble etched part 1 to the trailing edge of the outer wing as shown. Fit the resin trailing edge part 4 onto etched part 1 and fold the end sections around and secure in place. Ensure that the flap attachment slots on the trailing edge are uppermost after fitting. Fit the Flap and associated attachment provided in the kit as per kit instructions. Fit etched hinges and control links into place as shown.

PLAN VIEW OF FOLDED WINGS



Folded Wing Trailing Edge on Barracuda TBR 3



Final position of wings when folded

We wish to thank the Fleet Air Arm Museum at Yeovilton, Somerset for providing technical assistance with this detail set. If any further research is required by the modeller on this subject, it is recommended that FAA Museum be contacted as they are usually willing to be of help.