

There are several notes I need to provide to aid you with the enclosed package. The original kits used 1/16" balsa. Since I wanted to print these directly on balsa sheet I developed the parts for 1/32" balsa sheet. As a result, some of the parts have been drawn to allow for cross grain laminations. The fuselage formers are a good example. This works fine as long as you are using 1/32" sheet stock.

If you do not have a printer that will allow direct printing on the balsa, consider using the iron on T-shirt transfer paper layouts provided via the parmodels.com web site. This material can be printed on any color inkjet printer. You can then transfer the part graphics to balsa sheet of any thickness using a regular clothes iron.

I like to use a removable nose for winding. The parts have been drawn with this in mind. The nose former has been drawn so a removable nose plug can be used. The Hawker Fury kit used a series of laminated balsa parts to form the nose block. Several parts were also glued to the inside of the fuselage nose to allow shaping. Following the plan for shaping the nose would remove a lot of the printed color from the forward portion of the nose. The reproduction has not only been drawn for a removable nose block, but also takes liberty with the shape of the nose so the printed graphics do not have to be damaged by sanding. The reproduction uses a 1/4" balsa nose block.

The kit included reinforcements for the rear motor peg. The parts in this package include the same rear motor peg reinforcement parts. The only difference is two sets of those parts are included to allow for models build from 1/32" balsa. This has proven to be plenty strong for a fully wound motor of 1/8" Tan rubber. A piece of 3/32" OD aluminum tubing is used for the rear motor peg.

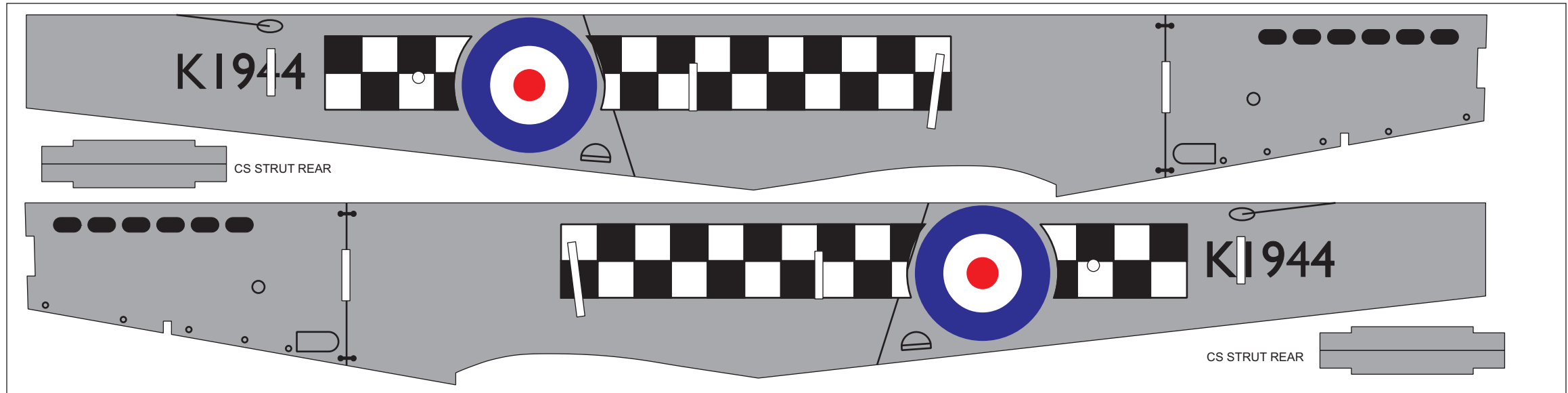
A few minor structural changes were made for the reproduction model. The original kit used a solid shaped balsa block on the bottom of the fuselage nose. This has been replaced in the reproduction model with sheet balsa components. That allows the color and graphics for that portion of the model to be printed on the balsa. It also saves some weight.

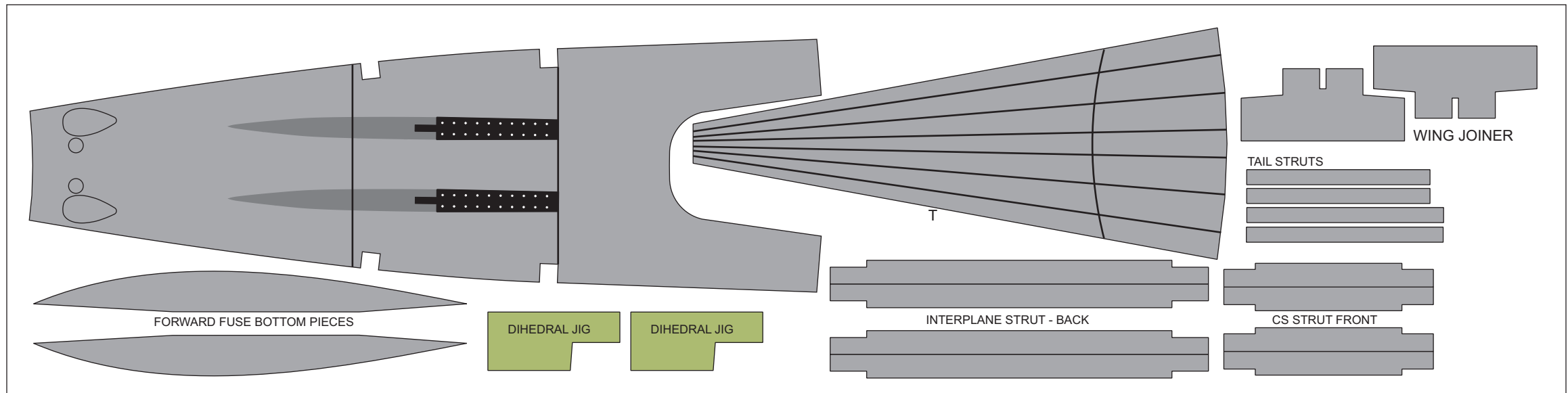
The kit plan shows the top wing being assembled on the model. That creates a much more difficult assembly process. It is suggested the top wing panels be assembled prior to the top wing being mounted on the model.

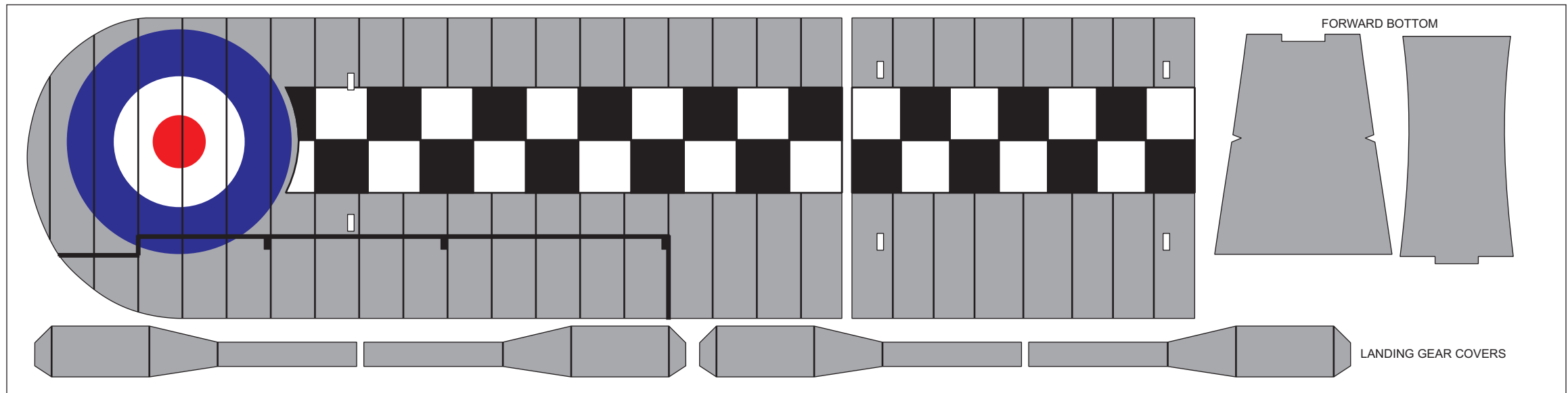
The markings used in the original Hawker kit were retained for the most part. Some enhancements are included. For example, the original kit parts only had one color applied to the balsa sheets. Where the kit left the balsa bare the appropriate color was added to the reproduction model parts. Also, the bottom wing graphics have been set up to be printed on both sides. The original kit only had printing on the bottom side of the wing.

I do hope you build and enjoy a model from this plan package.

Paul Bradley

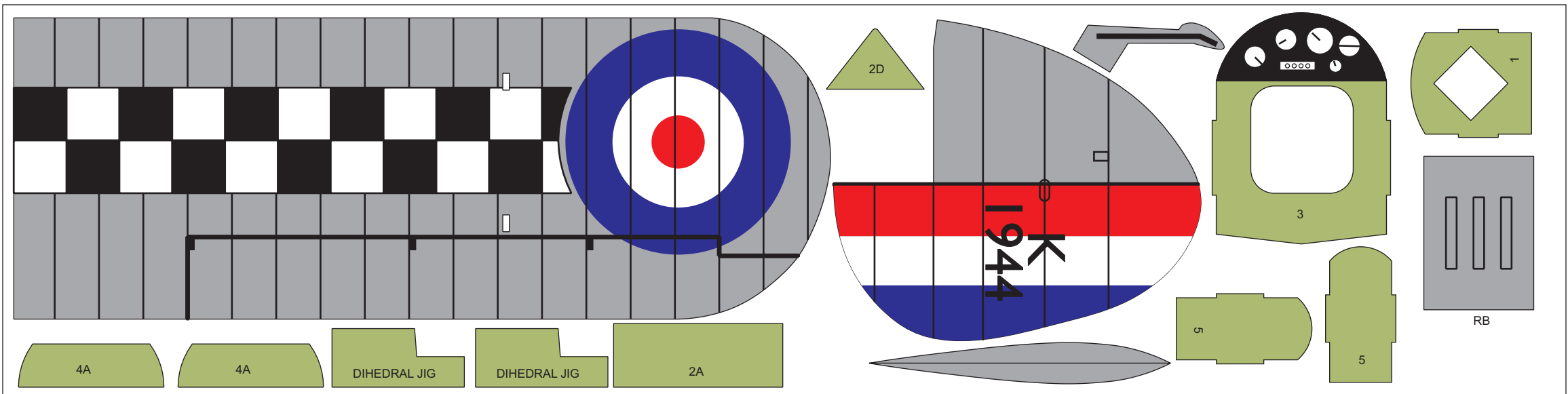


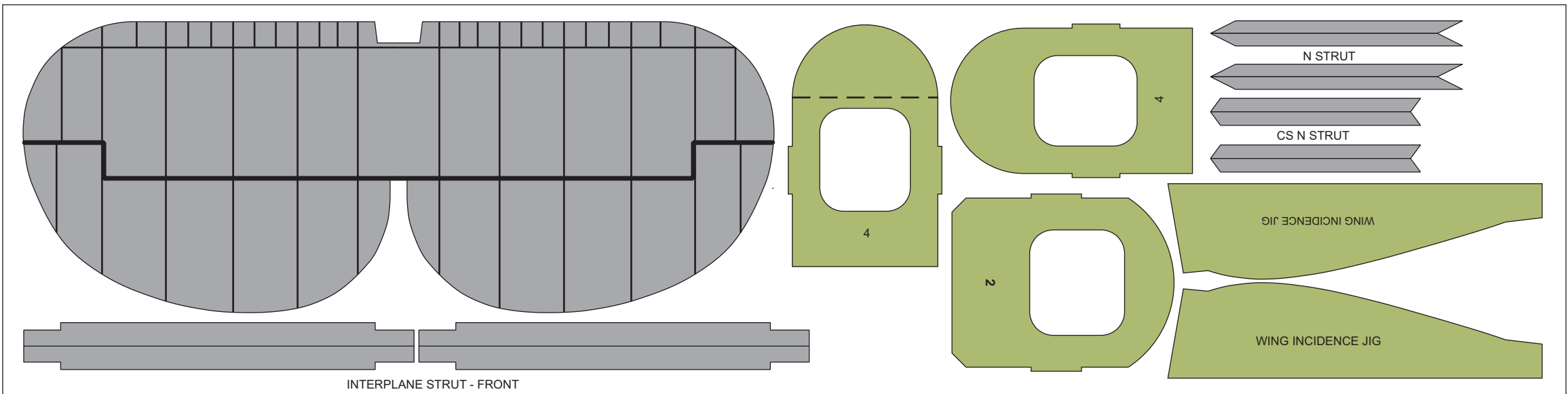


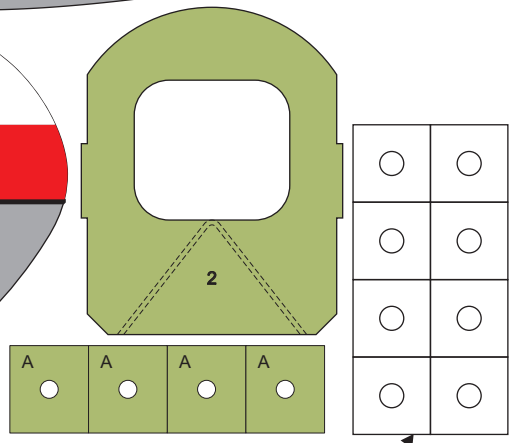
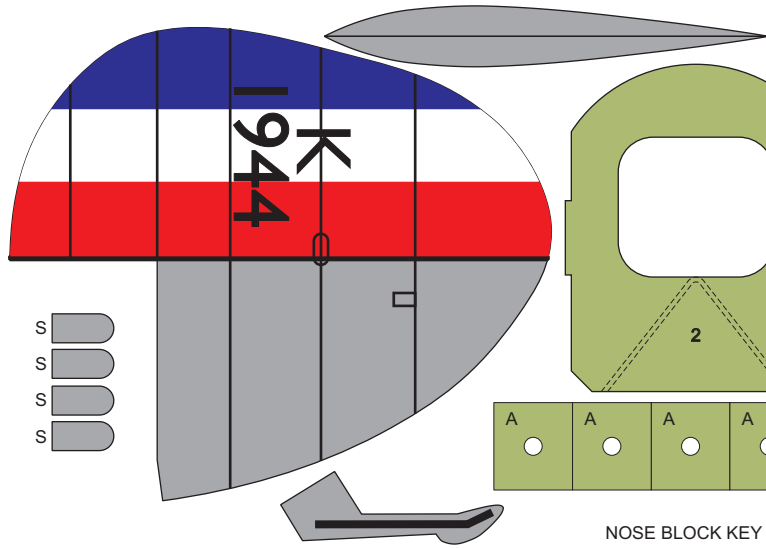


FORWARD BOTTOM

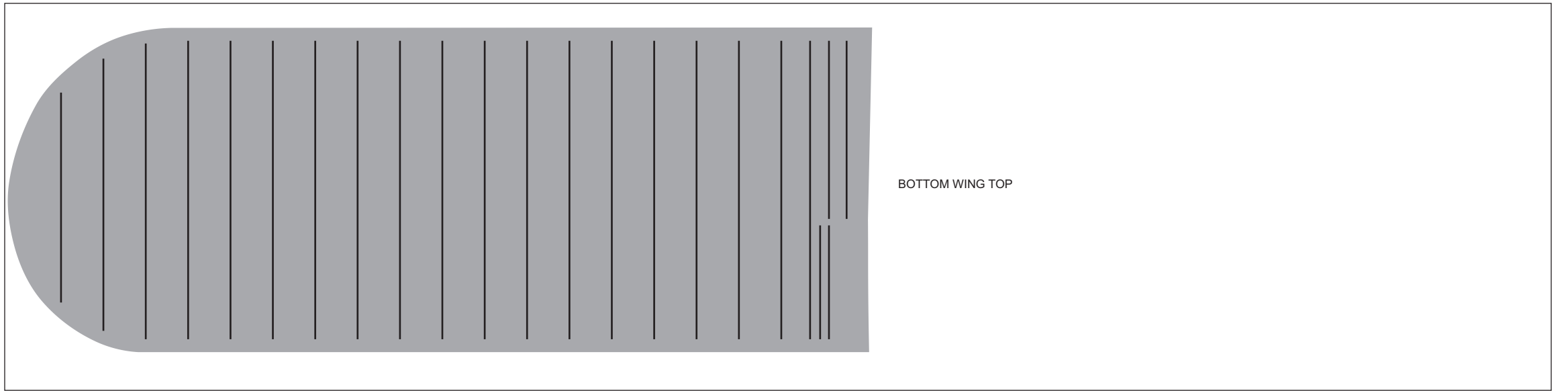
LANDING GEAR COVERS



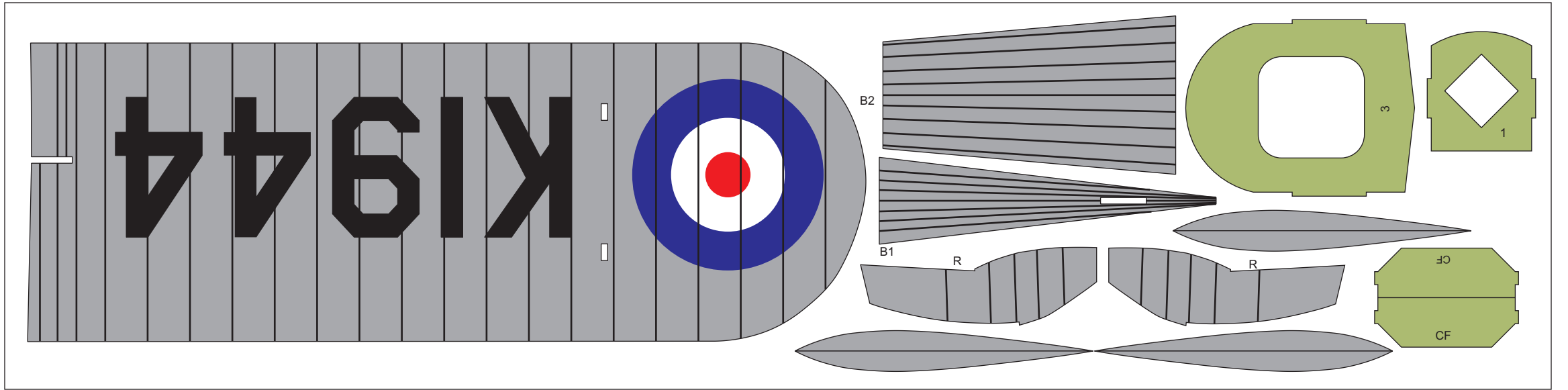


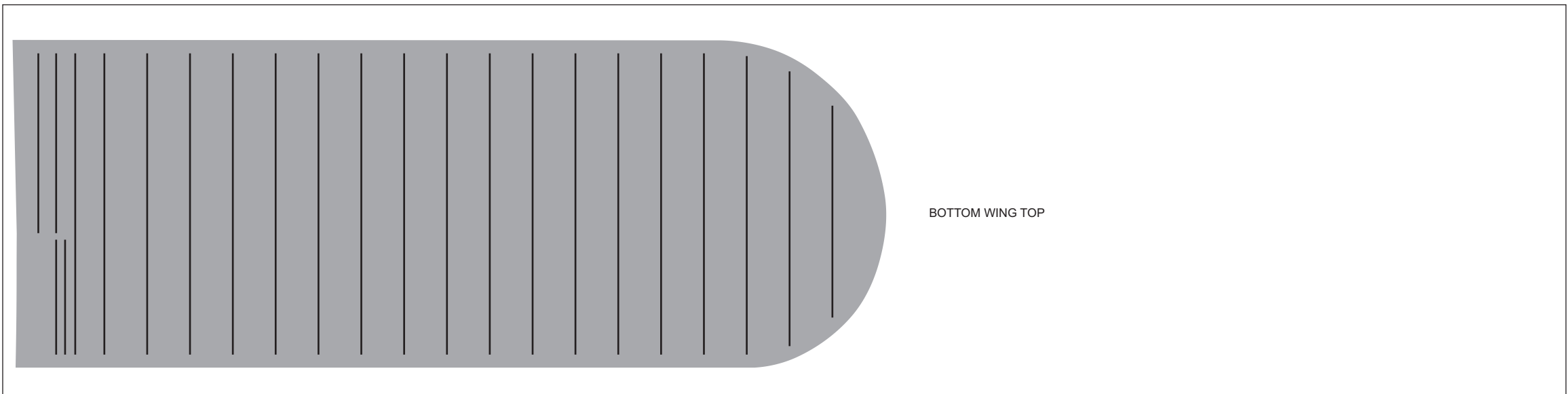


NOSE BLOCK KEY PIECES

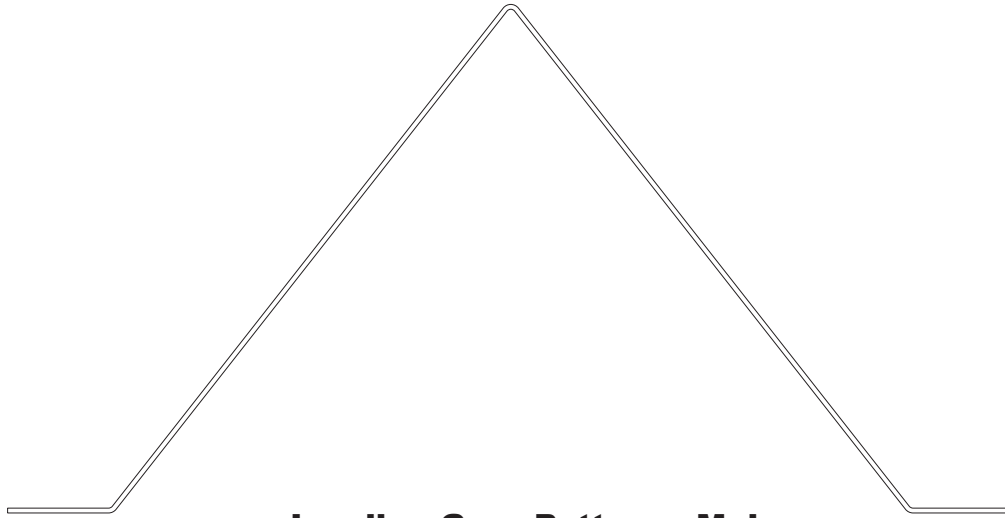


BOTTOM WING TOP





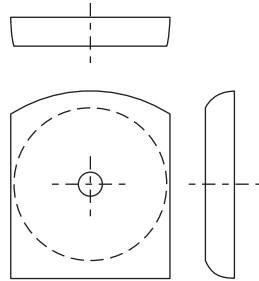
BOTTOM WING TOP



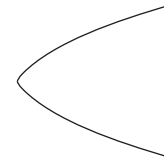
**Landing Gear Pattern - Make
from .025 music wire. Use two 3/4" Wheels**



Windshield



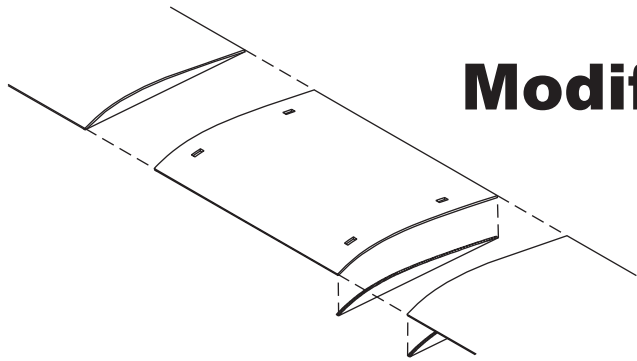
Nose Block - Make from 1/4" balsa



Spinner

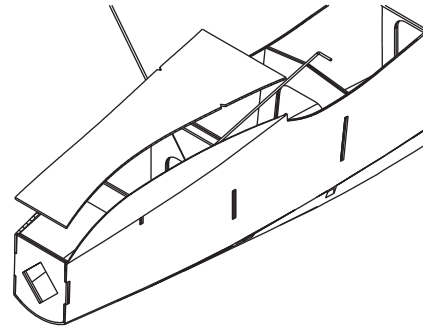
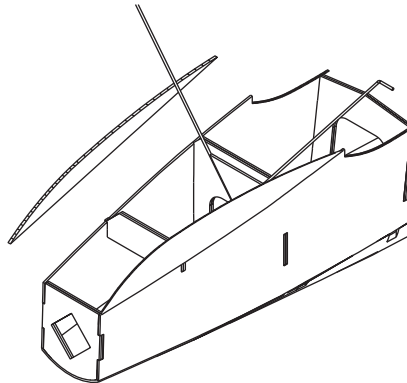
FrogFlite Hawker Fury

Modifications to Original

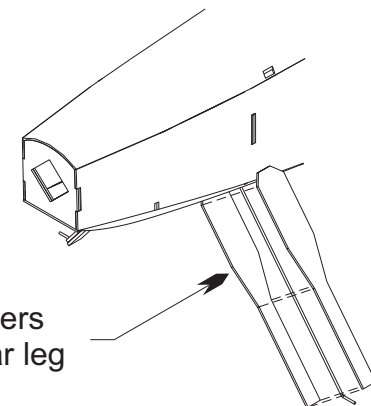
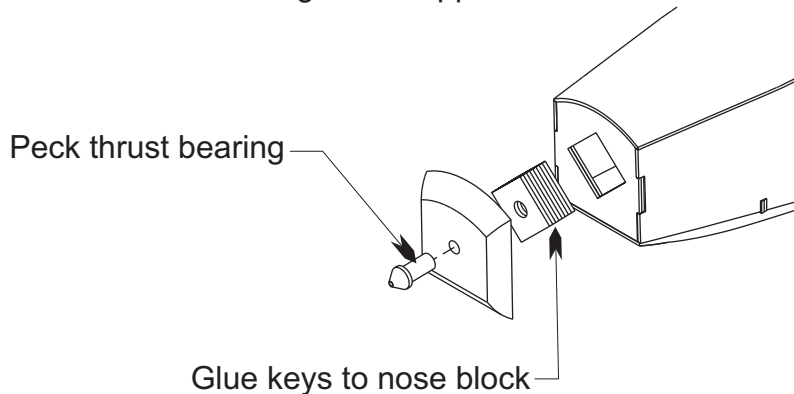


Top wing is flat

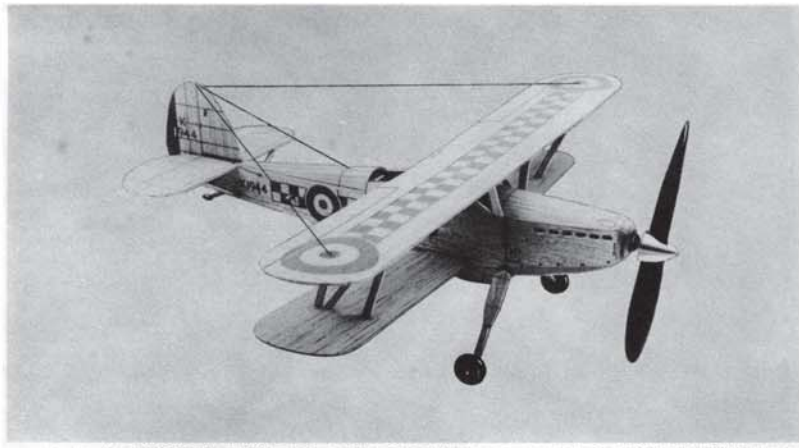
It is suggested that the top wing be assembled before installing it on the model. The plan calls for the center section to be installed on the model and then the top wing panels. It is easier to install the top wing as a complete unit. The wing ribs have also been set up to include a complete pair on each side of the center section joints. This makes it easier to glue the ribs to each panel before the panels are joined. Using this approach the center section ribs for the top wing should be glued to the edge of each panel.



The solid block at the bottom of the fuselage nose has been replaced with balsa sheet components. This is lighter and makes it possible to have the base fuselage color applied.



FrogFlite Hawker Fury



QuickBuild SERIES
RUBBER POWERED FLYING SCALE MODELS

FROGLITE KITS

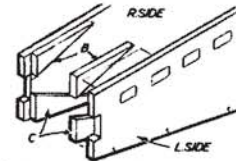
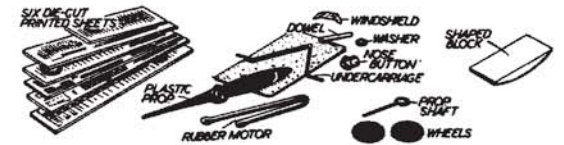
DESIGNED AND DRAWN BY RON WARRING COPYRIGHT IN ALL COUNTRIES
MANUFACTURED IN ENGLAND BY:

BY A. A. HALES LTD. HINCKLEY, LEICS.

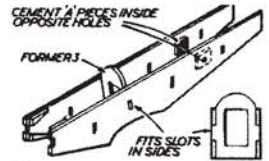
HAWKER FURY

YOUR ASSEMBLY INSTRUCTIONS

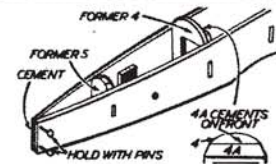
IMPORTANT: CHECK AND IDENTIFY YOUR KIT PARTS



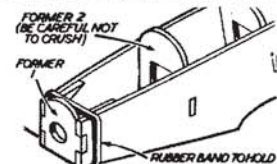
1 Cement pieces C and B inside opposite holes.



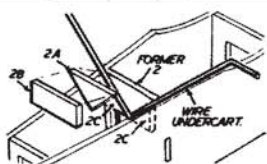
2 Add 'A' pieces—then join sides at nose, level with slot.



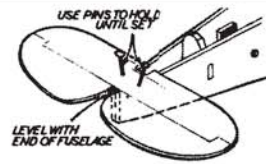
3 Cement in formers 4 and 5. Pull in sides and cement to join at rear.



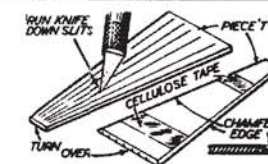
4 Cement in former 2, then former 1. Hold with band until set firm.



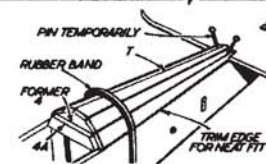
5 Cement wire legs to front of 2 and complete fixing with 2a, b & c.



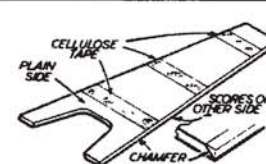
6 Cement on tailplane—take care to align correctly with fuselage.



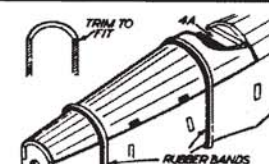
7 Run sharp blade down scores in T. Chamfer edges. Tape as shown.



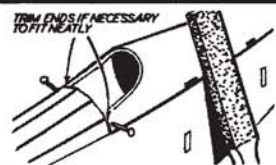
8 Make sure edges fit neatly—then cement turtleback in place.



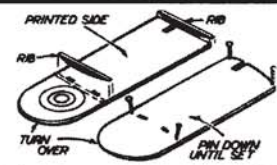
9 Prepare front cowling piece in exactly the same manner.



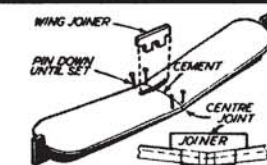
10 Use a 'Garnafle' or sandpaper to chamfer edges—then cement on.



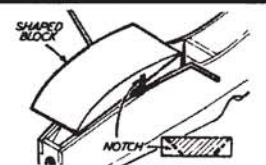
11 Finish off joint at rear of cockpit. Sand joint line when set.



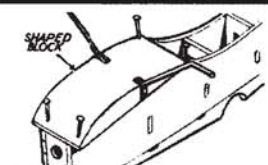
12 Cement ribs to lower wing panels and pin down on flat surface.



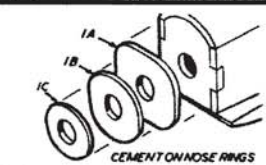
13 Join lower wing panels as shown using joiner and jigs.



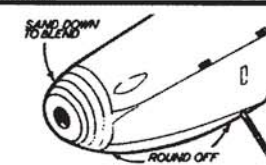
14 Offer up shaped block—mark leg pos'n. and cut slots to clear.



15 Then cement block in position making sure it fits snugly.



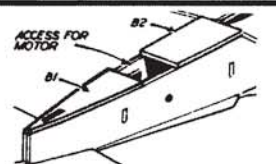
16 Cement 1a, b & c to fuselage front—all holes lined up.



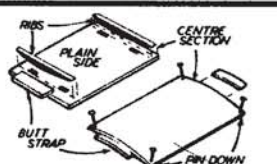
17 When set sand down to blend and trim and shape bottom.



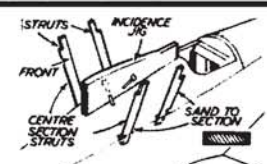
18 Now cement lower wing assembly into fuselage—cement well.



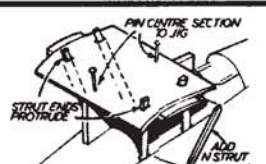
19 Complete bottom of fuselage with panels B1 and B2.



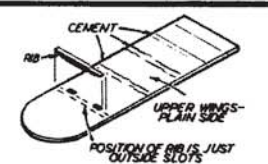
20 Cement ribs to centre section and pin out as shown until set.



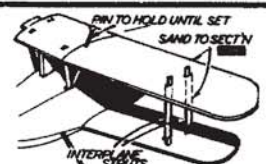
21 Pin wing incidence jig in pos'n. Cement c-s struts in slots.



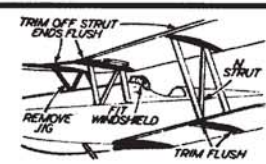
22 Mount centre section on struts and align by pinning to jig.



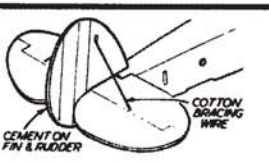
23 Run lines of cement across wing and cement rib in pos'n.



24 Cement upper wings to C-S and complete upper, with struts.



25 Cement on N struts and trim all strut ends off neatly.



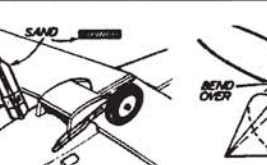
26 Cement on fin making sure that it is lined up properly.



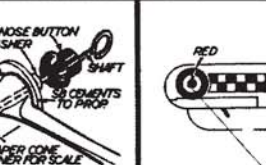
27 Sand tail struts to section and cement in place, also skid.



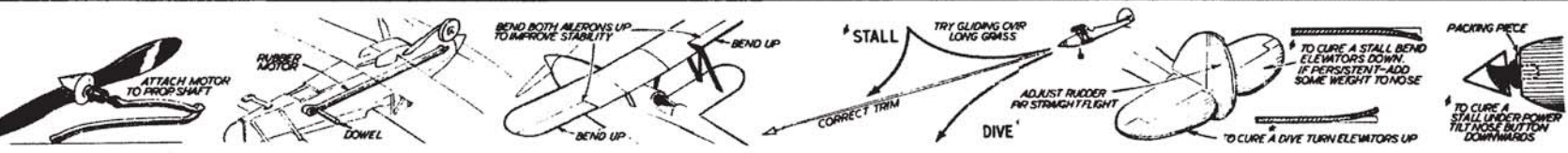
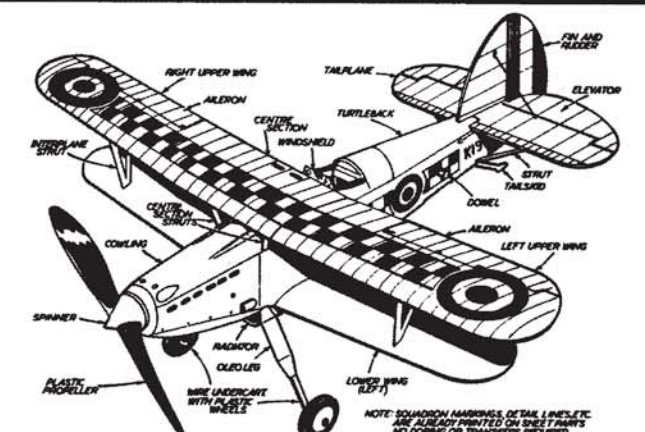
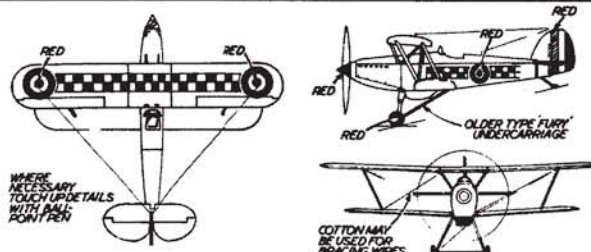
28 Cement on radiator sides 'R' then add bottom piece RB.



29 Sand oleo legs, cement and bind to wire with cellulose tape.



30 Complete propeller assembly. Scale spinner is optional.



NOTE: SQUARE MARKINGS, DETAIL LINES, ETC. ARE ALREADY PRINTED ON SHEET PARTS. NO COPIING OR TRANSFERS REQUIRED.

FROGFLITE



HALES

Quick Build series

Rubber Powered Flying Scale Models

HAWKER FURY

