

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 paramodels.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 FrogFlite series of models provides a piece of 1/4" balsa for the nose block. The piece of balsa had to be cut to shape and then sanded to the nose profile. A template has been provided to aid cutting the nose block to the shape of the nose.

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 1/8" OD aluminum tubing is used for the rear motor peg.

The original kit did not include landing gear leg covers. This drawing package does include them so the finished model will more closely resemble the box art.

The original kit had some color markings printed on the balsa pieces. This reproduction drawing package uses enhanced markings based on the Bird Dog kit box art.

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

Paul Bradley

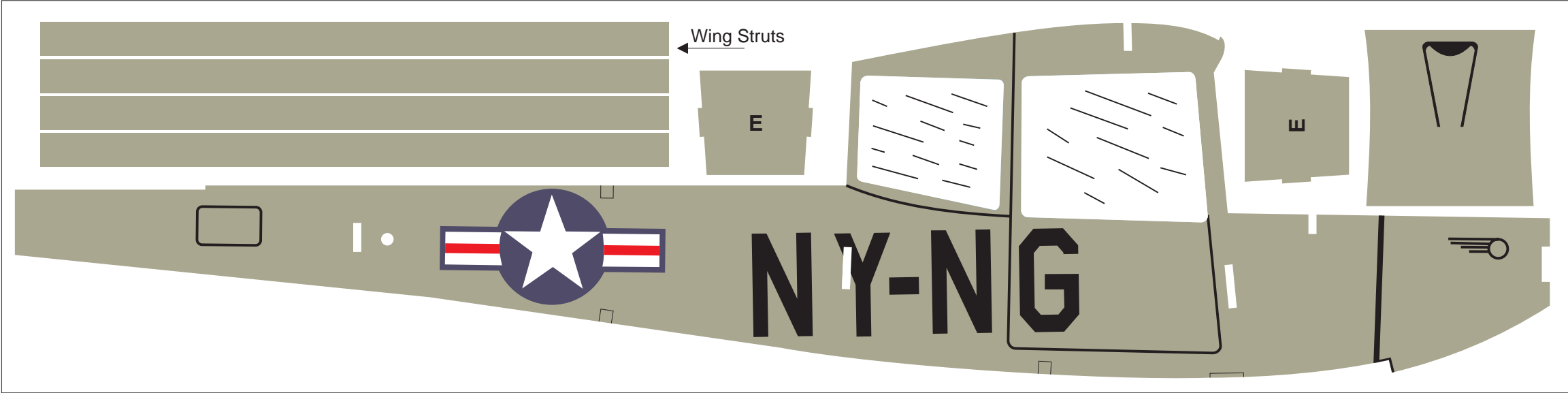


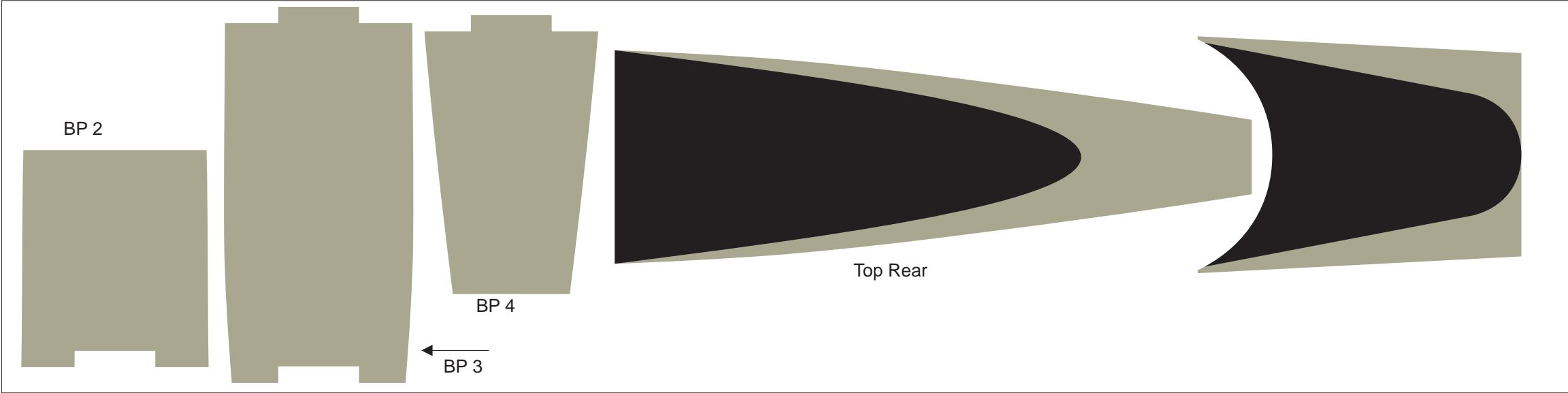
BP 1

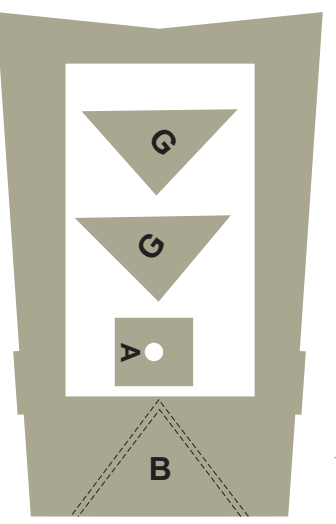
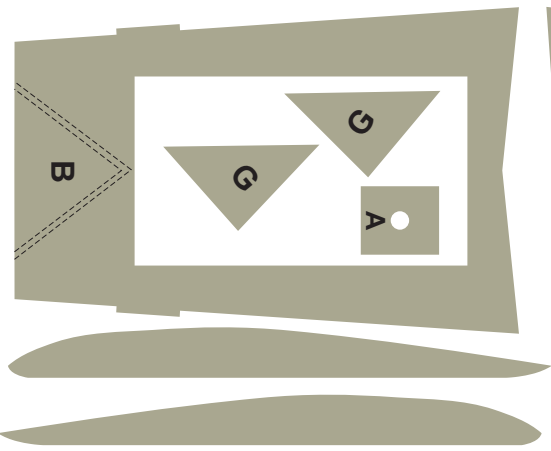
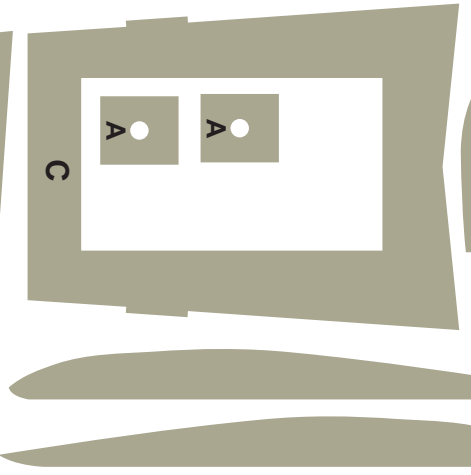
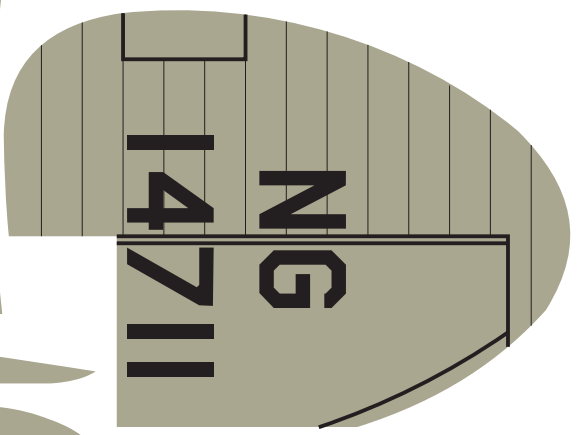
Landing Gear Covers

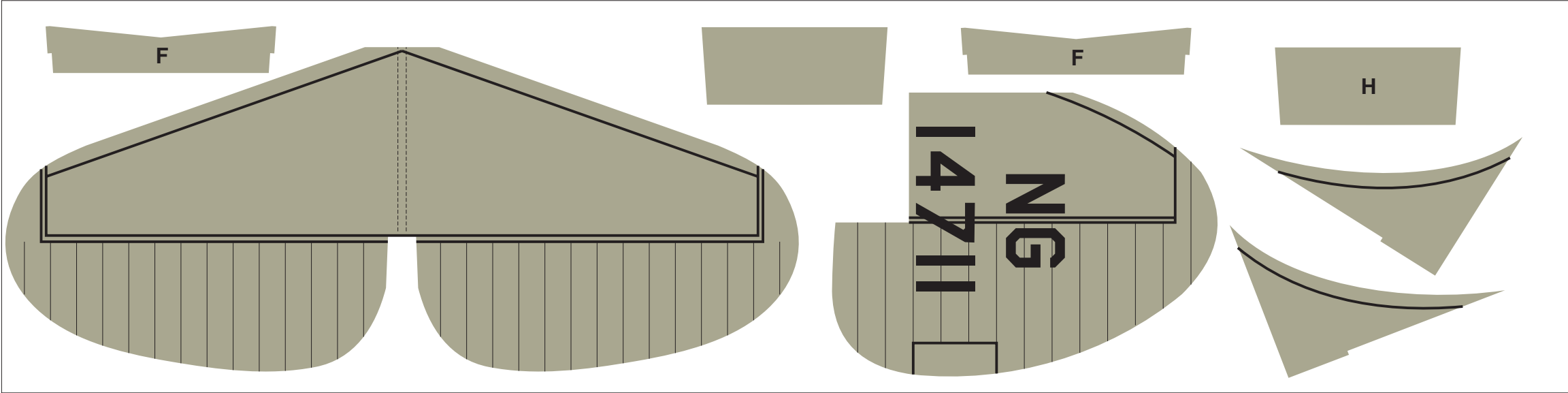
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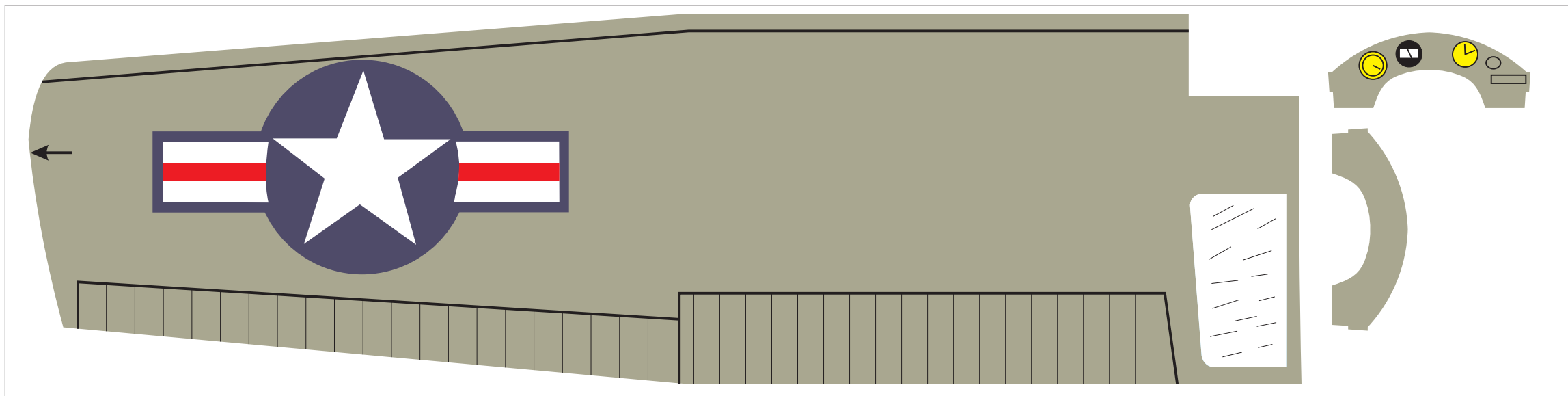
NY-NG













FROGFLITE CESSNA BIRD DOG

Build Notes:

1. The fuselage formers are made from two layers of cross grained balsa. The fin components are also made from two layers of balsa.

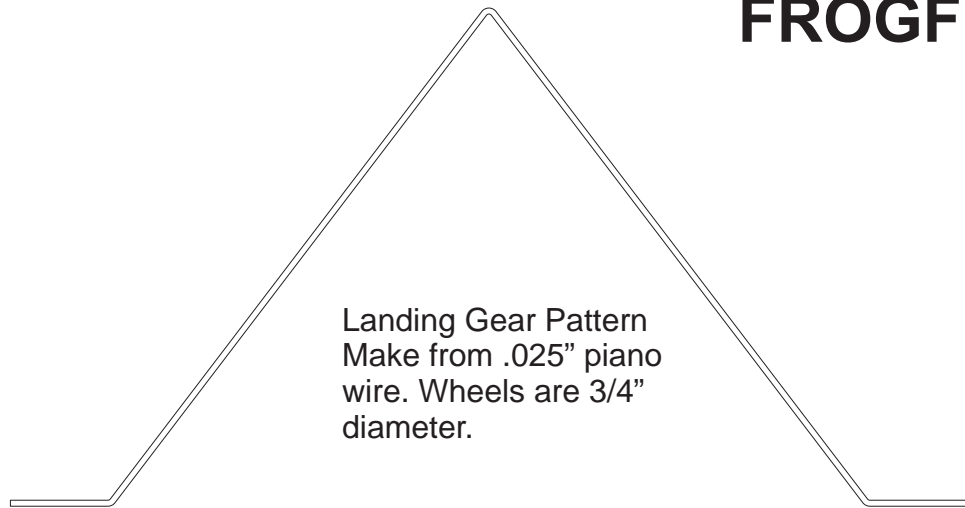
2. The bottom and top rear fuselage planking have been set up on the printed parts set as opposed to using plain balsa sheet as called out on the plan. The bottom parts are identified as BP1, BP2, BP3, and BP4. If printing the parts on T-Shirt transfer paper, be sure to orient those parts with the grain running across the width of the parts when the graphic is ironed on to the balsa.

3. The windshield opening in the wing center section leading edge has been set up to fit over the top of the fuselage sides rather than butt to the side faces as shown on the plan.

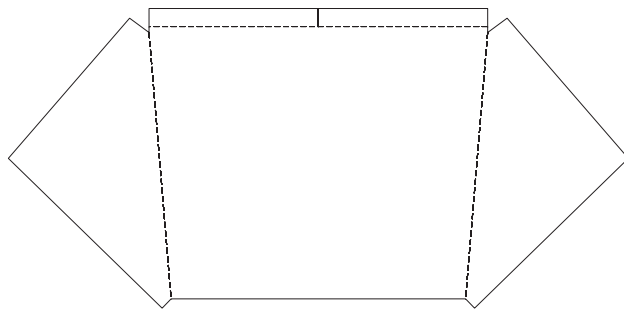
4. Landing gear leg covers have been added to the part set. They were not part of the original kit. The covers help create the look of the full scale aircraft landing gear.

5. The fuselage nose former has been set up for a removable nose plug. Use a square key on the nose block that matches the square opening in the nose former to retain the nose block. The nose block is made per the plan from a block of balsa that is 1/4" thick. Use paint to add color to the nose block.

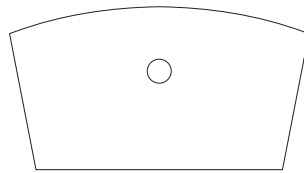
6. Use these patterns for the fuselage cross pieces called out on the plan. Their location is marked on each fuselage side as was done on the original kit parts.



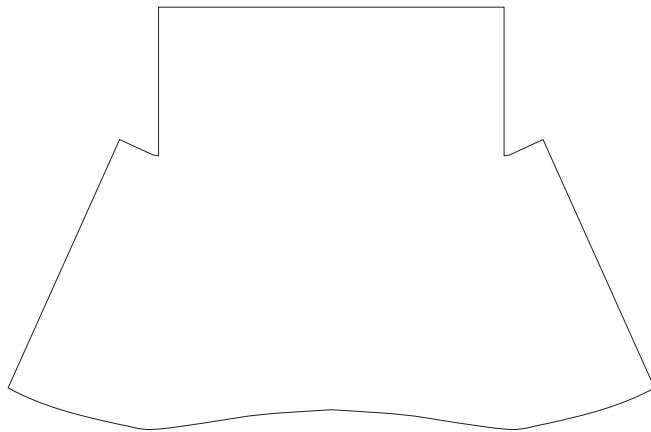
Landing Gear Pattern
Make from .025" piano wire. Wheels are 3/4" diameter.



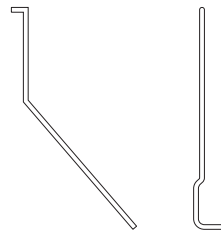
Rear Window Pattern



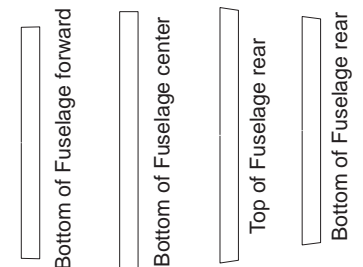
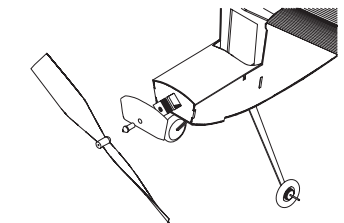
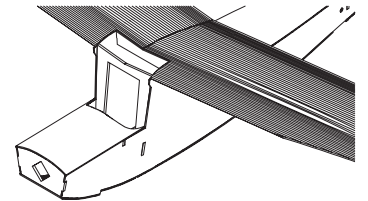
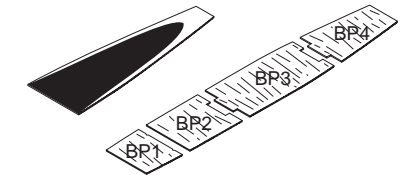
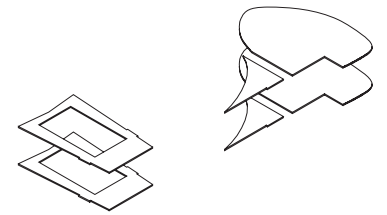
Nose Block Pattern
Make from 1/4" Balsa



Windshield Pattern



Tail wheel leg pattern.
Make from .025 piano wire.





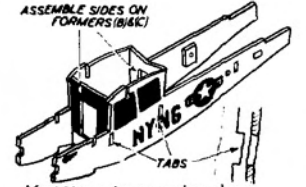
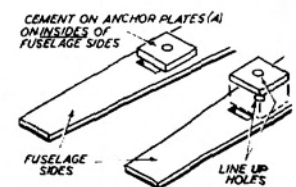
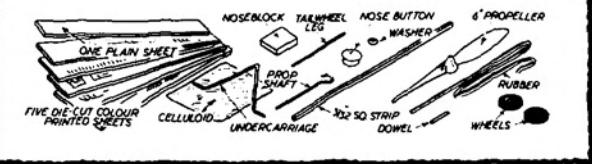
CESSNA BIRD DOG

QuickBuild SERIES
RUBBER POWERED FLYING SCALE MODELS

FROGFLITE KITS
DESIGNED AND DRAWN BY RON WARRING COPYRIGHT IN ALL COUNTRIES
MANUFACTURED IN ENGLAND BY:
A. A. HALES LIMITED, POTTERS BAR, HERTFORDSHIRE

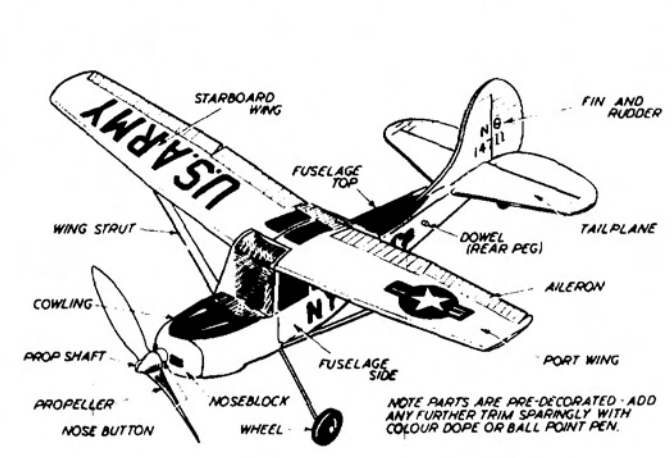
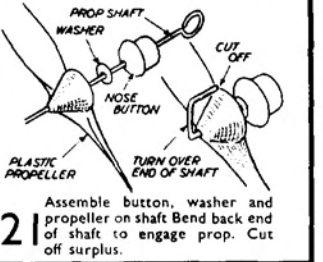
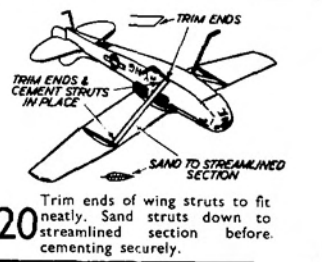
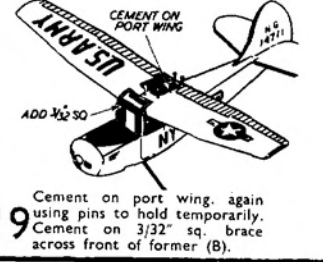
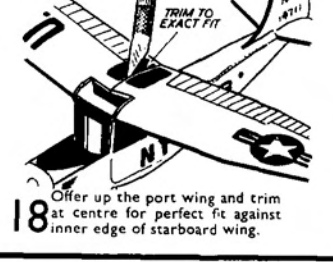
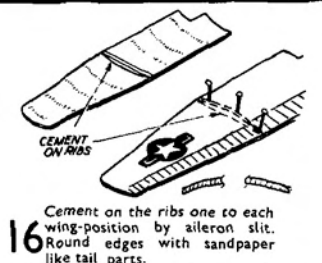
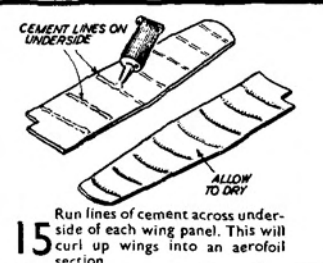
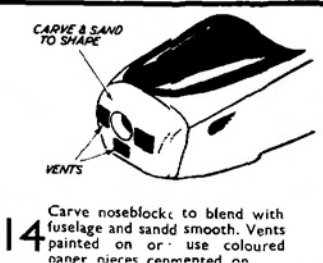
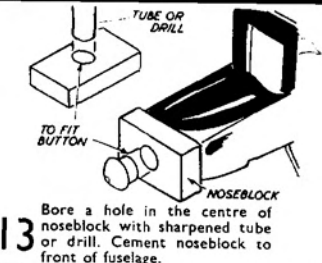
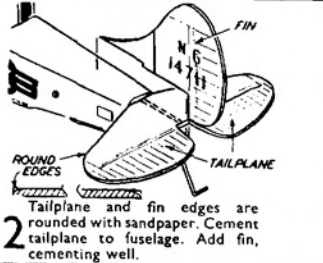
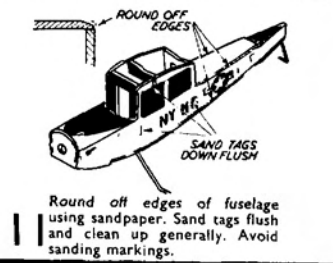
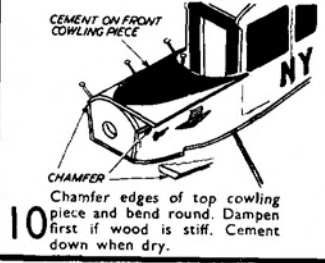
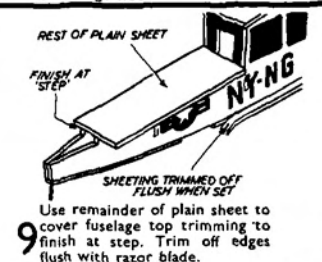
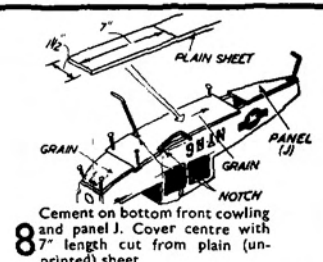
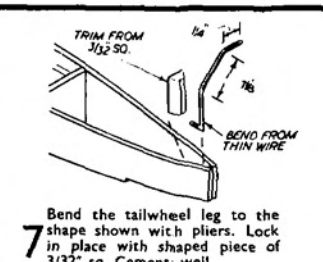
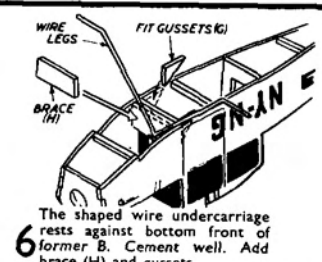
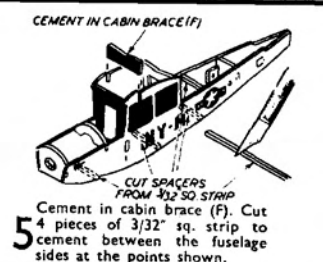
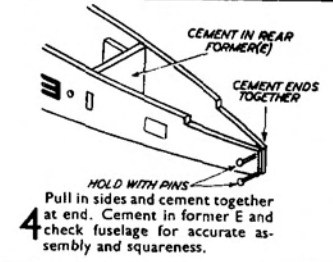
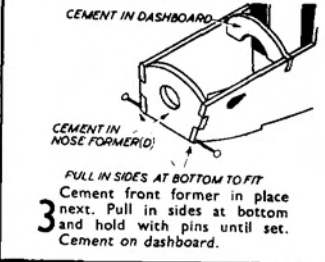
YOUR ASSEMBLY INSTRUCTIONS

IMPORTANT: CHECK AND IDENTIFY YOUR KIT PARTS

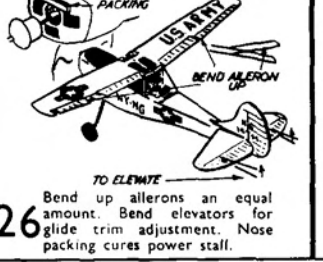
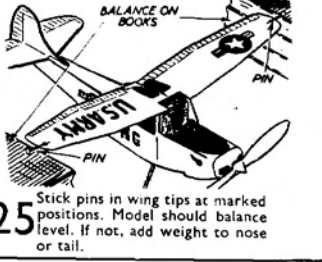
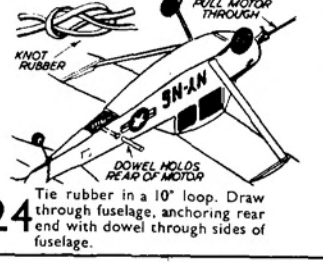
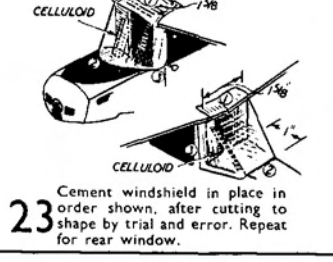
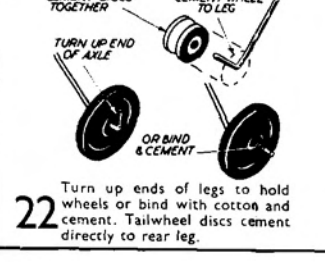


1 All the printed out sheet parts are die cut. Press out carefully. Free with razor blade, if necessary.

2 After cementing on anchor plates (A). Join sides with formers B and C. Tags on formers fit slots in fuselage sides.



NOTE PARTS ARE PRE-DECORATED - ADD ANY FURTHER TRIM SPARINGLY WITH COLOUR DOPE OR BALL POINT PEN.



FROGFLITE



HALES

Quick Build series
Rubber Powered Flying Scale Models

CESSNA BIRD DOG

