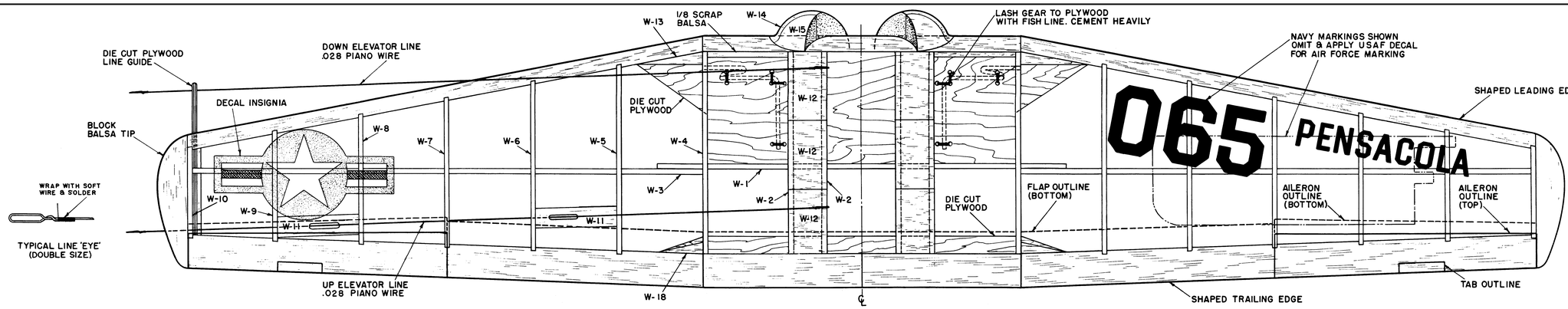
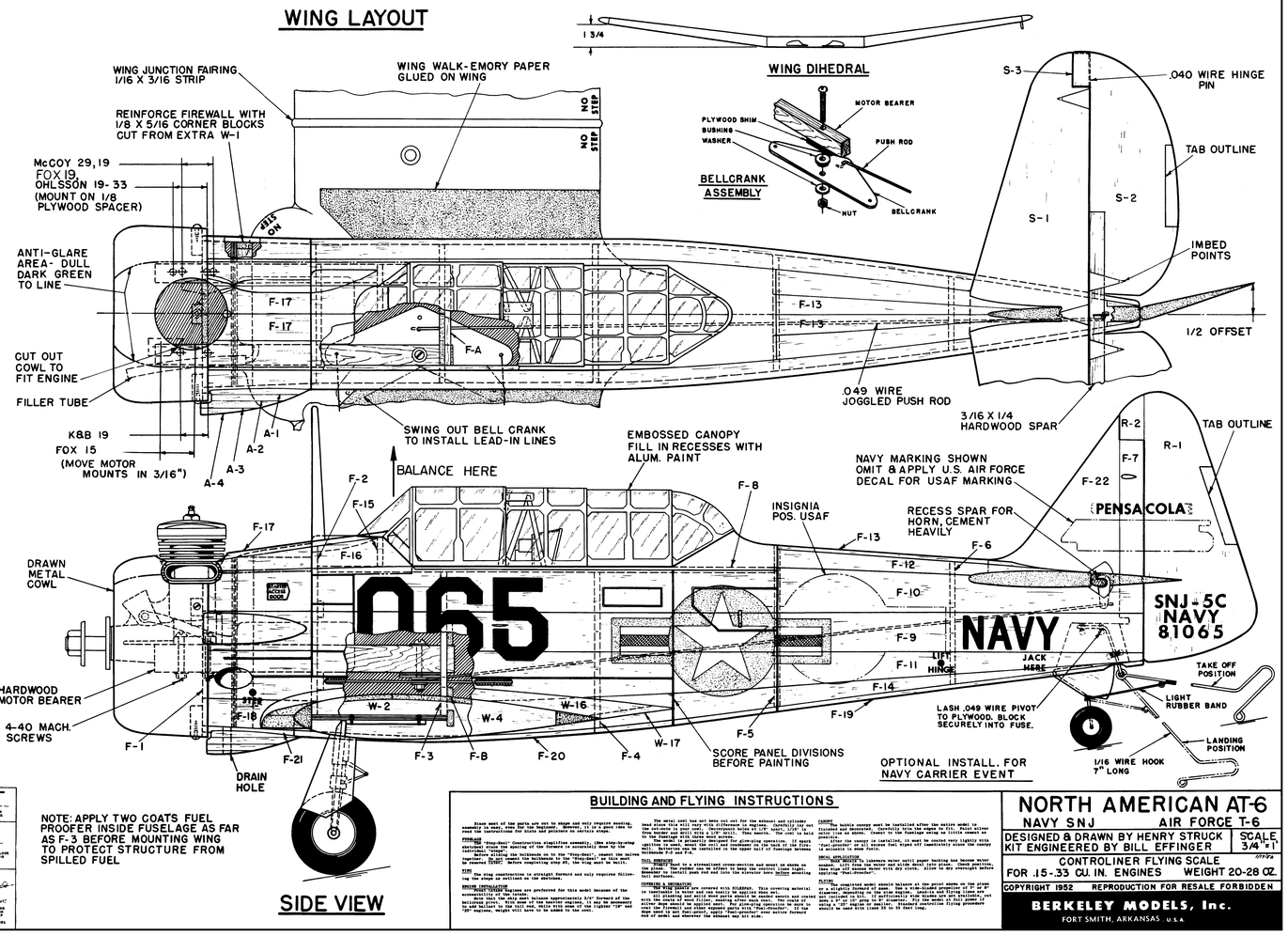
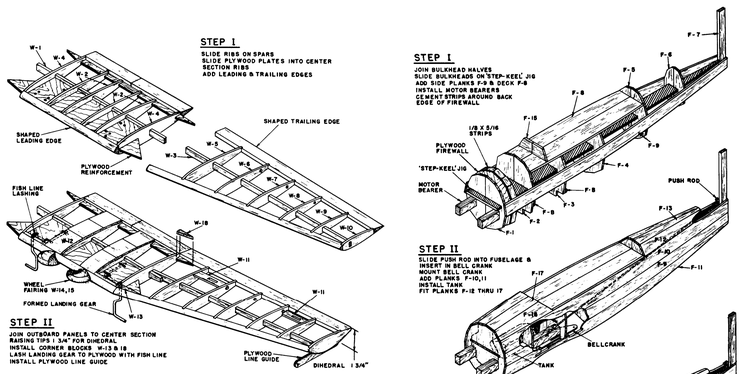


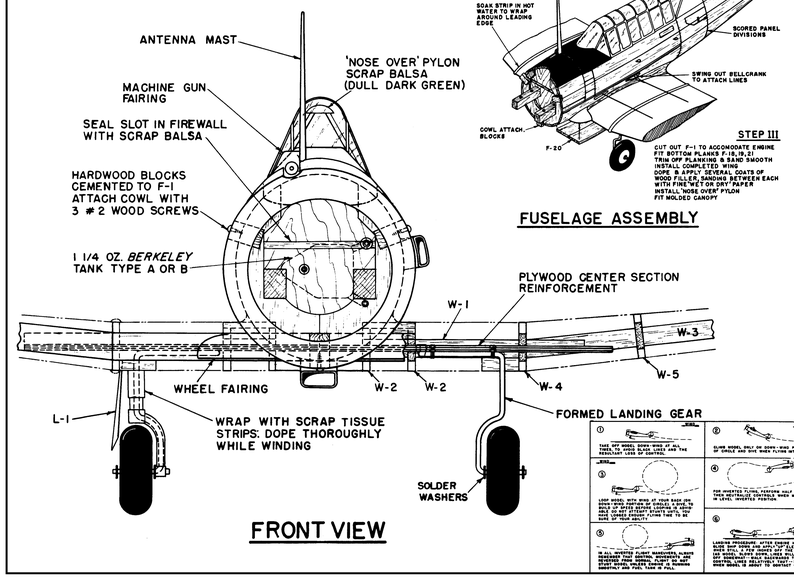
WING LAYOUT



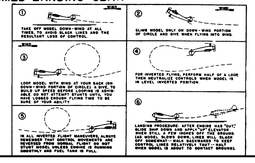


WING ASSEMBLY

FUSELAGE ASSEMBLY



FRONT VIEW



SIDE VIEW

NOTE: APPLY TWO COATS FUEL PROOFER INSIDE FUSELAGE AS FAR AS F-3 BEFORE MOUNTING WING TO PROTECT STRUCTURE FROM SPILLED FUEL

BUILDING AND FLYING INSTRUCTIONS

Since most of the parts are cut to shape and only require sanding, assembly should be relatively simple. However, carefully read and read the instructions for hints and pointers on certain steps.

FUSELAGE
The "Step-Keel" Construction simplifies assembly. Use step-by-step instructions. Sand fuselage smooth before covering. Add cockpit coaming, windscreen, etc.

WING
Join wing panels to fuselage as in the "Step-Keel" insert the dihedral together. Do not insert the bellcrank in the "Step-Keel" as this must be inserted LATER! Before completing step #1, the tray must be built.

TAIL
Join the wing construction in straight forward and only requires following the steps as outlined on the sketches.

ENGINE INSTALLATION
Radial type engines are preferred for this model because of the realistic appearance.

Note that the thin mount brace approximately 3/4" forward of the bottom mount. This is to allow the engine to be tilted for the correct thrust angle. Add 1/2 washer to front mount for .049 engines or regular "20" engines. Weight will have to be added to the nose.

COVERING & DECORATING
Sand all parts before they are covered with silkspan. This covering material is impervious to dope and can easily be applied then wet.

All planking and solid wood parts should be sanded smooth and rubbed down with fine sandpaper before painting. Use sanding sealer or thinned dope to fill the pores of the wood. For attaching silkspan, use thinned clear dope. Apply with soft brush. Use colored dope for trim. Trim edges of silkspan with sharp knife. Use thinned clear dope to seal edges. Apply colored dope with soft brush. Use colored dope for trim. Trim edges of silkspan with sharp knife. Use thinned clear dope to seal edges. Apply colored dope with soft brush.

CANOPY
The balsa canopy must be installed after the entire model is covered and painted. Cut out the canopy with a sharp knife or fine saw. Sand to proper size by sanding. Insert in the fuselage using a little cement as necessary.

To install the canopy of installation, it must be sanded very lightly with fine sandpaper or it will appear fuel wiped off immediately after the canopy is installed to some fuel.

DECAL APPLICATION
Apply decals after painting is complete. Soak decal in warm water until paper backing has become water soaked. Lift from the water and slide decal into place. Blot excess water with dry cloth. Allow to dry overnight before applying "Pam-Powder".

PAINTING
The completed model should balance at the point shown on the plan with the fuel tank empty. If additional weight is required to balance the model, it should be placed in the nose. For aerobatic models, the model should be balanced at the point shown on the plan. If sufficiently nose heavy, the model will be unstable, and will not recover from a dive. If sufficiently tail heavy, the model will be unstable, and will not recover from a stall. For aerobatic models, the model should be balanced at the point shown on the plan. If sufficiently nose heavy, the model will be unstable, and will not recover from a dive. If sufficiently tail heavy, the model will be unstable, and will not recover from a stall.

NORTH AMERICAN AT-6

NAVY SNJ — AIR FORCE T-6

DESIGNED & DRAWN BY HENRY STRUCK
KIT ENGINEERED BY BILL EFFINGER

SCALE 3/4"=1"

CONTROLINER FLYING SCALE
FOR .15-.33 CU. IN. ENGINES — WEIGHT 20-28 OZ.

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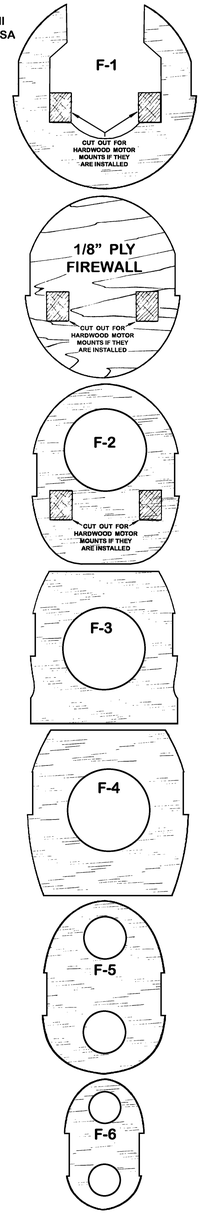
BERKELEY MODELS, Inc.
FORT SMITH, ARKANSAS, U.S.A.

NOTE:

Berkeley had a habit of not including drawings of their fuselage formers on their plans. I have re-generated these formers using the Paul Matt 3-views and believe them to be reasonably accurate, however I have not built from these plans so be careful to check your formers against the plan and while building. It appears that all necessary information is in the plan to obtain parts patterns by cutting them from extra copies of the plan. Study the plan carefully to locate what you need. Good luck!

Rufus Carswell
Atlanta, GA USA
"Planeman"