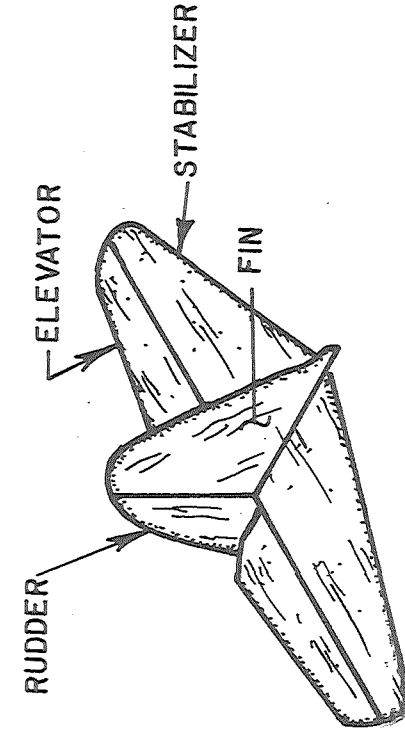


WARNING - DANGER!
Important! Read These Warnings!
Do not fly this model near people, animals, or property. It is a model airplane and is not a toy. It is not to be used for racing or other competitive flying. It is not to be used for aerial photography or other commercial purposes. It is not to be used for any other purpose without the express written permission of SIG Mfg. Co., Inc. Failure to follow these warnings may result in serious injury or death. SIG Mfg. Co., Inc. is not responsible for any accidents or damages resulting from the use of this model airplane.

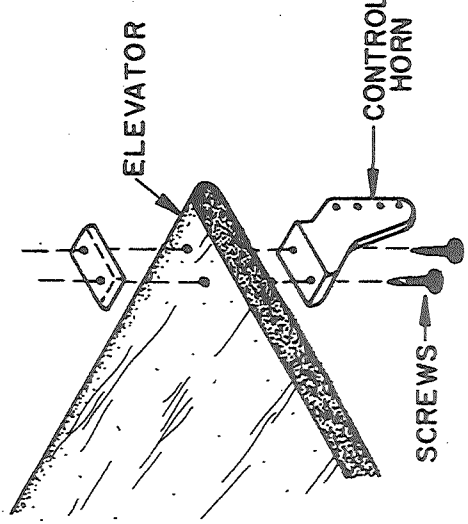
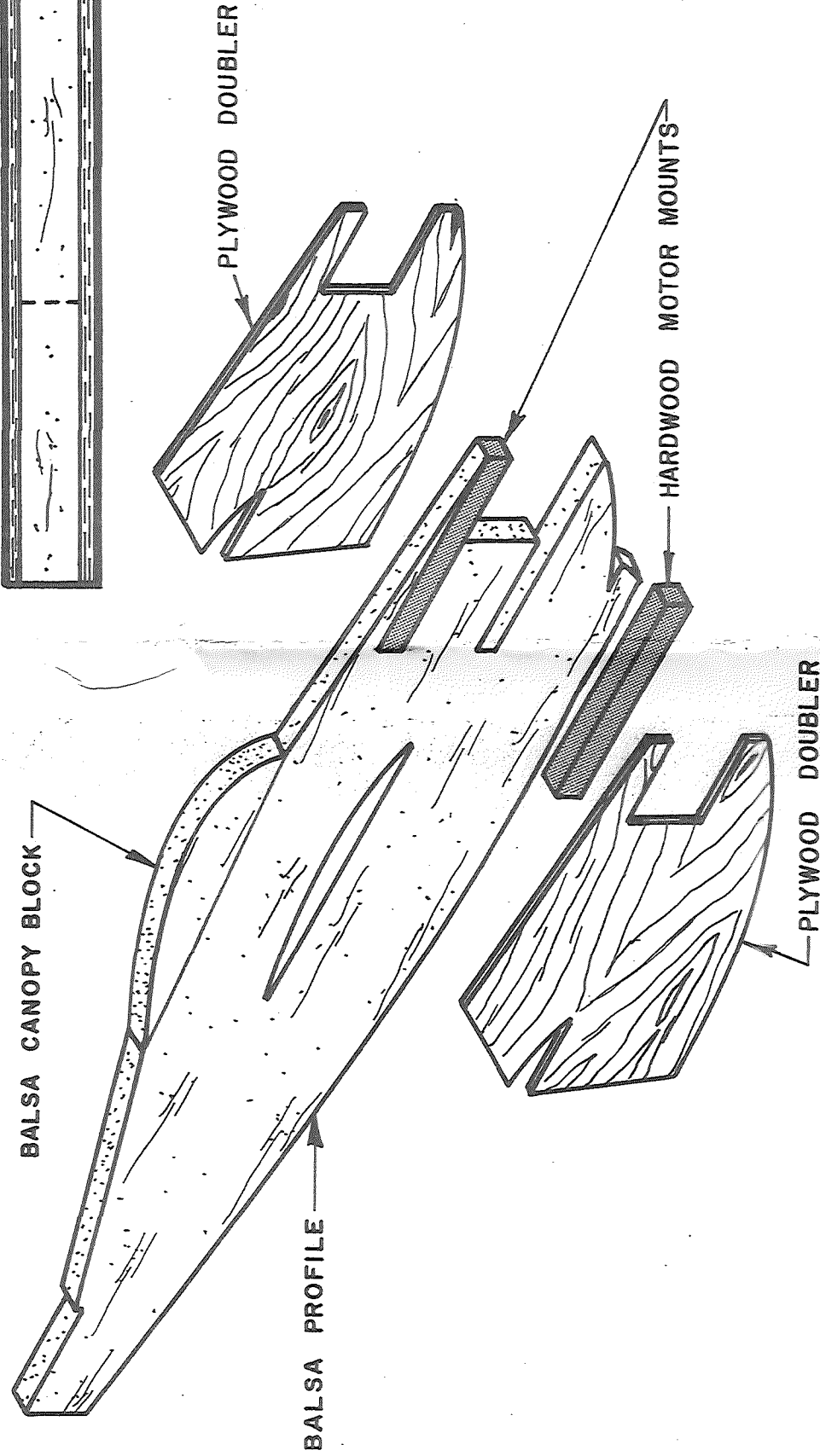
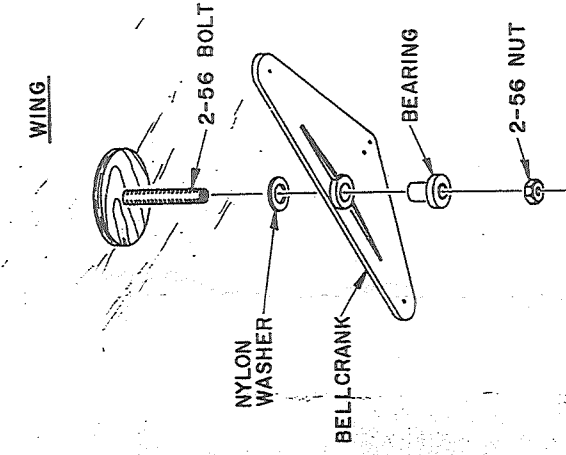
FINISHING

Sand entire model carefully. Fill dents and seams with Sig Superglue. Again sand the entire model until all rough spots are removed. The model is now ready for work which cannot be concealed with paint.
Give the entire model two coats of Sig Superglue clear brushed on. Sand each coat with fine garnet paper or Tri-Mite paper. Brush or spray on from one to three coats of Sig Sanding Sealer. This is the most important part of a good finish, but sanding sealer also adds weight to the model. Let it dry for 24 hours. Apply the second coat, again sanding the major portion away. Low or rough spots will appear as darker areas. Check for any of these after the second coat and if necessary apply the third coat, again sanding away the bulk of the material.

Brush or spray on one coat of Sig Superglue clear. Then brush or spray on the second coat. The surface, one or two coats of color will be sufficient. If you brush, be sure to thin the dope until it flows out smoothly. Many paint jobs are ruined by trying to brush dope without thinning it properly. Don't apply too much color. Add trim colors. Spray a light mist coat of clear after the trim colors are dry. When the mist coat dries, spray a heavy coat of clear over the entire plane. The mist coat of clear is insurance against the heavy coat of clear softening the trim colors and causing them to "bleed".



BELLCRANK ASSEMBLY VIEW



KIT NO. CL-13

"Shoestring"

Designed & Drawn By: **MIKE STOTT**

Scale: $1\frac{1}{2}$ " = 1' (45%); Engine Size: .15

Designed for U/C Scale Racing (Goodyear)

28 1/4" WINGSPAN APPROX. 150 SQ. IN.

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Printed in U.S.A.

DECALS

Dip the decals in water for a few seconds, remove and place on the surface of the model. Don't slide the decal off too soon or it may tear. Slide about 1/4" of decal at the bottom over the edge of the backing and slide away the backing from underneath. Use a small paddle of

fore wiping away the excess glue remaining on the surface of the model with a damp cloth.
The decals are fuel proof with most fuels but will discolor with some. Do not use leaded gasoline. Do not use leaded fuels. Some types of clear fuel proper be used over the decals to increase durability but test them in advance before applying.

1/8" sheet balsa about 3/8" wide as a squeeze to remove excess water from under the decal. Hold one corner of the decal against the surface and squeeze to prevent the decal from being moved. Allow plenty of time for the glue under the decal to dry before applying.

1/4" Balsa Wing

1/8" Plywood

LEADOUT WIRES

LEADOUT GUIDES

BELLCRANK

WARNING-DANGER!
DO NOT FLY MODEL AIRPLANES NEAR ELECTRIC POWER LINES. INSTANT DEATH CAN RESULT FROM CONTACT WITH, OR FLYING TOO CLOSE TO, ELECTRIC POWER LINES.

3/8" Balsa Profile Fuselage

1/4" Balsa Wing

SIG
CRAFTSMAN'S KIT

NYLON HINGES

With a modeling knife, cut a slot in the surface to be hinged. Work epoxy glue into the slot and insert the hinge. Drill through the surface and hinge and insert a round toothpick in the hole. Cut the toothpick off flush with the surface.

3/8" x 1" x 8" Canopy Block

THE CANOPY IS PAINTED ON

1/4" x 3/8" Hardwood Motor Mounts

1/8" Plywood

LEADOUT GUIDES

BELLCRANK

1/8" Plywood Doubler

2-56 Bolts Used to Fasten the L.G. Clips

3/32" Nylon L.G. Clips (one each side)

3/32" Preformed Main Landing Gear

1 1/2" Wheels (not furnished)

INSTRUCTIONS

IMPORTANT: Before beginning construction, check the dimensions of the engine and motor. The engine mount spacing shown will not accommodate the engine. Fill in the fuselage with scrap wood where the mounts have been moved.

Glue the canopy block on top of the fuselage. When dry, trace the outline of the canopy area from the fuselage side view onto the block and cut it to shape.

Using Sig Epoxy or Sig Bond, install the 1/4" x 3/8" hardwood motor mounts into the profile fuselage. At the same time glue the 1/8" plywood doublers to the sides of the fuselage, aligning them over the motor mounts. The doublers should be glued down to match the doublers and motor mounts on a sanding block. Epoxy the 1/16" wire tail slid in place.

Lay the fin and rudder on newspaper over the plans and glue them together with Sig Bond or Sig-Ment. When dry, glue the fin and rudder onto the fuselage and stabilizer.

Slide the wing into the fuselage and use a generous amount of glue to fasten it in place.
Relax the finishing stations and complete this operation before installing the landing gear. Insert one of the landing gears into the fuselage hole and hold the nylon landing gear clip in place. Drill 1/32" holes for the 2-56 mounting bolts and fasten both gears in place with the bolts and clips.

Cut the wings to match the plan drawing. Carve the wing to shape with a modeling knife. Sand the wing smooth with a sandpaper block of about 80 grit paper. Drill 3/32" diameter holes in the wing as shown on the top view. Using Sig Epoxy or Sig Bond, wood bellcrank mounting discs and in the wing as shown on the top view. Using Sig Epoxy or Sig Bond, guide tabs into the wing and epoxy in place.

Sand stabilizer and elevators to the airfoil shape shown on the fuselage side view. Drill 1/16" holes into the elevators to take the wire joiner. Insert the joiner into the leading edge of the elevator. Check to insure that the elevators are straight and level before epoxying the joiner wire in place.

Cut the nylon strip to size and connect the stabilizer to the fuselage. Glue the stabilizer onto the fuselage.

CUT THE WING TIPS TO SHAPE

CARVE & SAND THE ENTIRE WING TO AN AIRFOIL SHAPE AS SHOWN IN THE FUSELAGE SIDE VIEW.

1/8" Balsa Elevator

SIG
CRAFTSMAN'S KIT

WIRE JOINER

NYLON HINGES

1/8" Balsa Rudder

CONTROL HORN

1/16" Tailskid