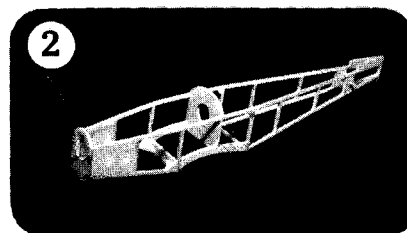
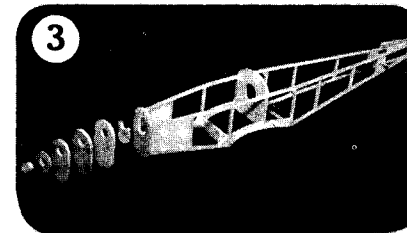


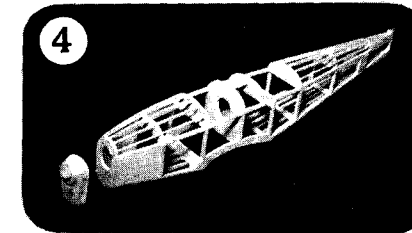
BUILD THE FUSELAGE SIDE FRAMES ON THE SHADED LAYOUT OF THE FUSELAGE SIDE VIEW. PUT WAX PAPER OVER THE LAYOUT TO KEEP THE GLUE FROM STICKING TO IT. USE STRAIGHT PINS TO HOLD THE STRIPS.



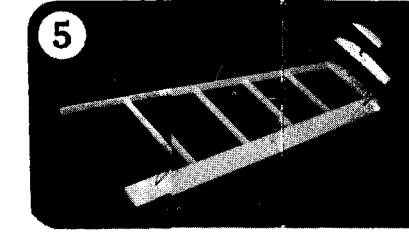
WHEN BOTH SIDE FRAMES ARE MADE, CEMENT FORMERS F10 AND F11 WHERE THEY BELONG - SEE SIDE VIEW - NOW GLUE THE BACK ENDS TOGETHER. CUT HALF WAY THROUGH LONGERON (SEE NOTE BELOW IN SIDE VIEW) AND GLUE IN FORMER F5.



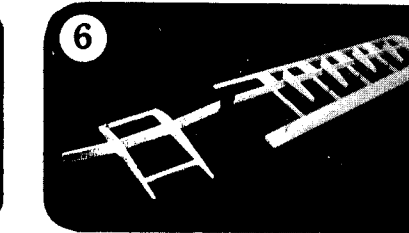
WHILE THAT IS DRYING, CEMENT THE NOSE PARTS TOGETHER, FORMING THE NOSE BLOCK. BE SURE THAT THE HOLE LINES UP ON EACH ONE. WHEN THIS IS DRY, SHAPE THE SIDE AND TOP AS YOU SEE IT ON THE PLAN. USE A RAZOR BLADE TO ROUGH IT OUT AND SANDPAPER TO FINISH IT. SEE NOSE BLOCK NOTE.



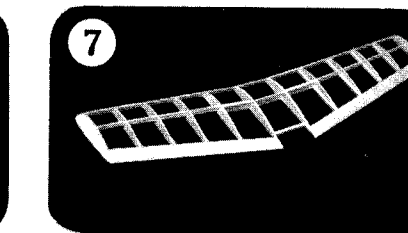
CEMENT ALL THE OTHER FORMERS IN THEIR CORRECT PLACES. GLUE ALL OF THE STRINGERS TO THE TOP AND BOTTOM OF FUSELAGE INCLUDING THE CURVED ONES ON THE TOP OF THE NOSE END.



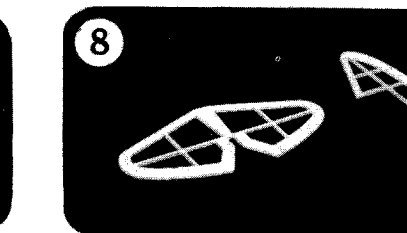
BUILD THE LEFT AND RIGHT WINGS ON THE LAYOUT. PUT WAX PAPER OVER IT FIRST, THEN PIN DOWN THE LEADING AND TRAILING EDGES. NOW GLUE IN WING TIPS W1L AND W1R FIRST - THEN W2L AND W2R ON TOP OF THESE AND W3L AND W3R ON TOP OF THAT. CEMENT ALL THE EASE STRIPS.



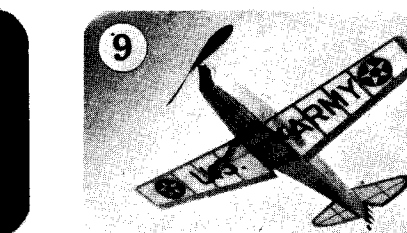
NOW YOU GLUE ALL THE FRONT RIBS AGAINST THE BASE STRIPS. NEXT, CEMENT THE SPARS W12 AGAINST THE RIBS. THE LAST THING YOU DO IS CEMENT ALL THE BACK RIBS.



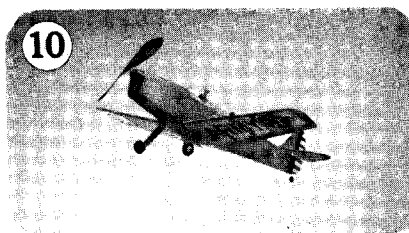
CEMENT THE SPAR BRACE W4 TO CENTER RIBS W6 OVER THE LAYOUT AFTER YOU'VE BUILT THE WINGS. GLUE THE LEADING EDGE AND BRACE W5 WHERE THEY BELONG. WHEN DRY, CEMENT THE WING CENTER BETWEEN THE WING FRAMES TO FINISH THE WING.



BUILD THE STABILIZER AND RUDDER OVER THE PLAN AS YOU DID THE WING AND FUSELAGE SIDES. ALL OF YOUR AIRPLANE'S FRAMEWORK MUST BE SANDPAPERED SMOOTH BEFORE COVERING IT WITH TISSUE. GLUE THE WING AND TAIL TO FUSELAGE ONLY AFTER THESE ARE COVERED. SEE TISSUE COVERING INSTRUCTIONS WITH KIT.

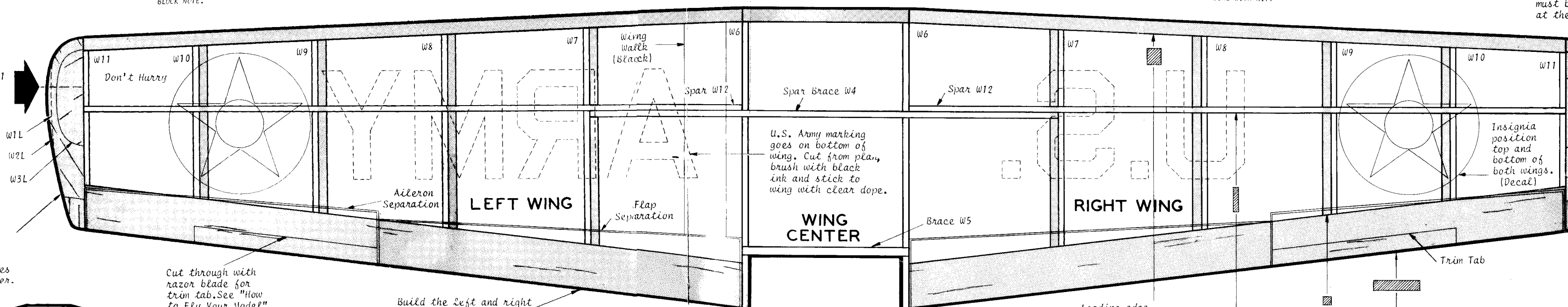


THIS IS YOUR AIRPLANE GLIDING IN OVERHEAD. Your model must balance at these arrows.



A CLIMBING VIEW OF THE FINISHED NORTH AMERICAN TRAINER MODEL.

See picture 1 "How to Fly Your Model".



Blend wing tips into leading and trailing edges with sandpaper.

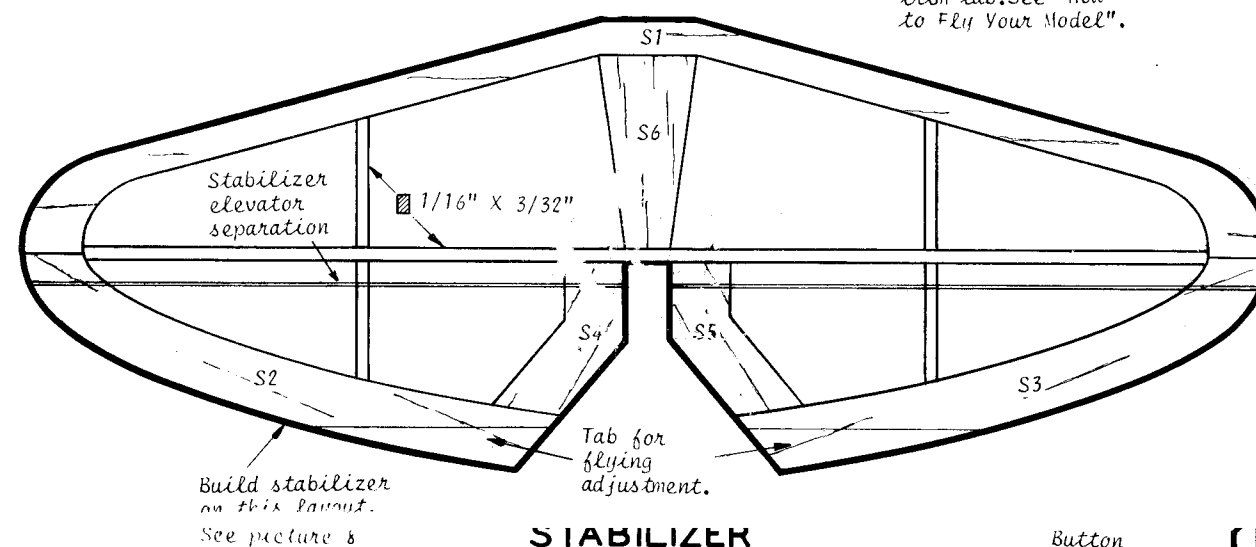
Cut through with razor blade for trim tab. See "How to Fly Your Model".

Build the left and right wing frames on this shaded layout. See pictures 5 to 7.

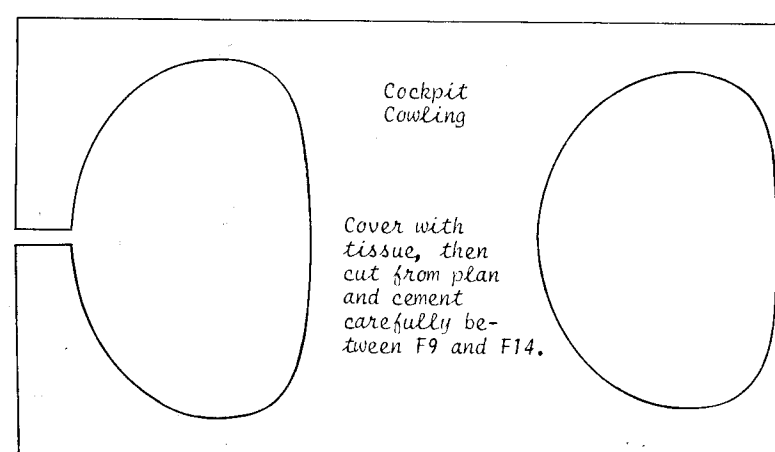
You will need model airplane cement or glue - clear dope for the tissue - straight pins - wax paper and a razor blade for cutting - be careful! Also, follow the photo instructions on tissue covering.

Sandpaper the wing, fuselage and tail smooth after building. These should be free of all lumps, bumps and sharp edges because they will show through the tissue covering. Use a sandpaper block - that is a flat piece of wood with sandpaper glued to it.

Finish the leading and trailing edges with sandpaper.

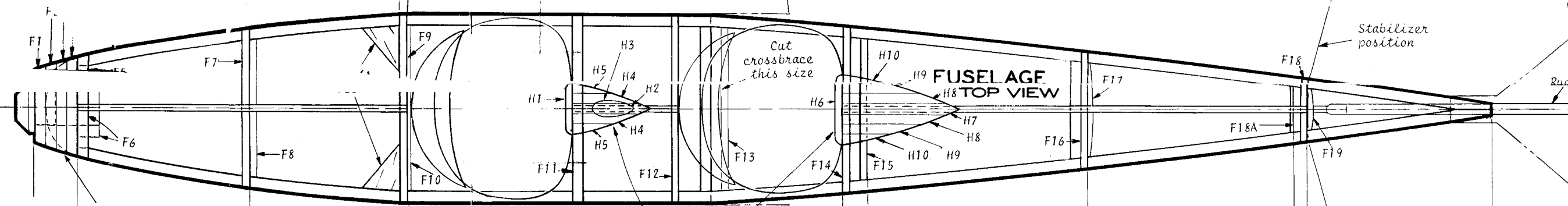


STABILIZER



Cover with tissue, then cut from plan and cement carefully between F9 and F14.

Rubber Power 4 or 6 strands or lengths of 1/8" flat brown rubber 10-1/4" long. T-56 brown rubber is best.



After nose block is finished, glue only the thrust button to it. The whole nose section (with propeller) fits into former F5 and must be removable.

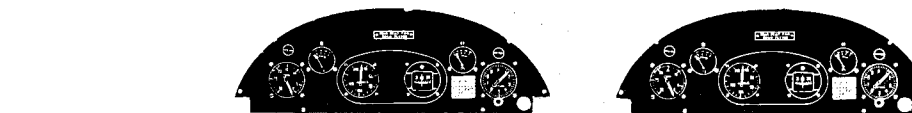
Nose block, headrests and landing gear should be color doped before gluing them to model. Use one coat of clear first, then two or three of color dope.

Glue headrest parts together neatly. When dry, shape with razor blade and sandpaper.

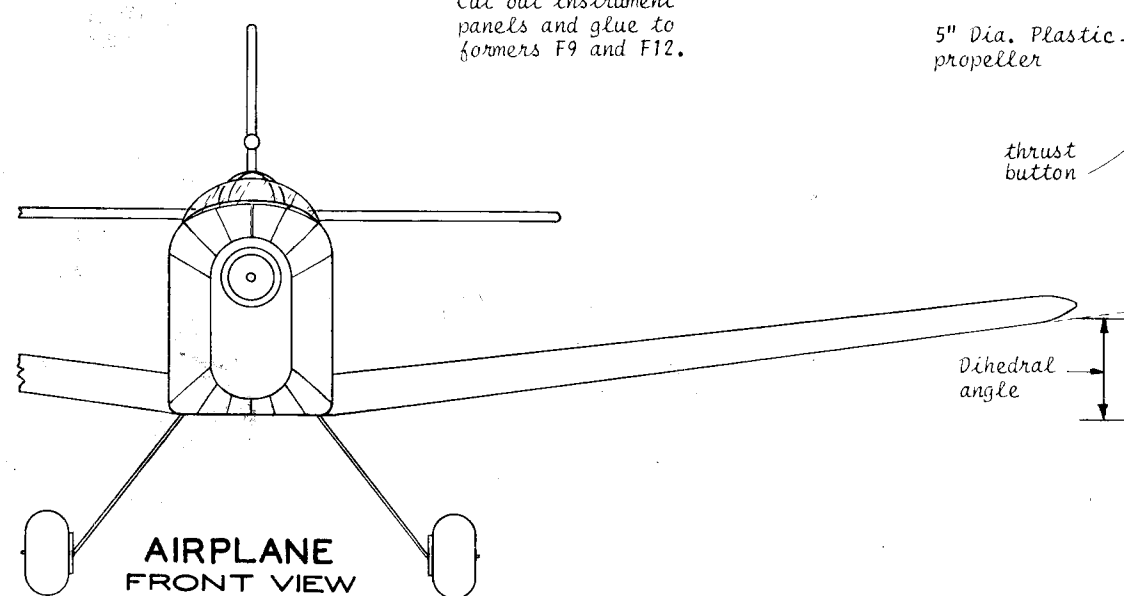
If you really want to finish your model and do a good job - take your time! You can't possibly do it all in one or two evenings. You'll need more like four or five. Always go back to where you left off and try to be as neat as you can.

All top rear stringers are same size as bottom ones.

Fin-rudder separation. See picture 8. Rudder Insignia (Decal).



Cut out instrument panels and glue to formers F9 and F12.



Washer

5" Dia. Plastic propeller

thrust button

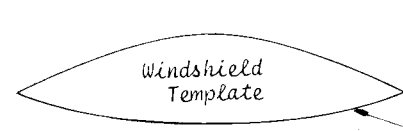
Dihedral angle

AIRPLANE FRONT VIEW

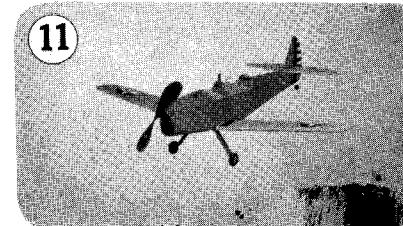
Separate F23 with 1/16 scrap sheet-wood while building side frames.

Cement a lead weight behind former F5, part of an empty cement tube will do. Remember model must balance at arrows.

Hardwood Balloon Wheel



Put celluloid over template and run over line with razor blade. Bend on cut line and it will snap clean. Put a bead of glue on bottom edge and hold it in place on model for a minute or two.



THE NA35 MODEL GLIDING IN AFTER THE LOWER PART OF THE FLIGHT IS OVER.

NO. AMERICAN NA35 TRAINER
WINGSPAN 17-1/8" KIT NO. 3301
LENGTH 14-1/2"
DESIGNED & DRAWN BY *Harold Peters*