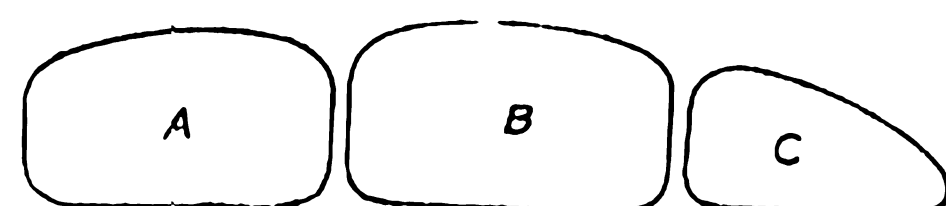




Full Size Window Patterns



Cut out the sheet half the width of the spore. Carefully lay out the bottom half of the 1/2" x 1/2" space in the center of the paper underneath. Lay the sheet perpendicular to the plane of the spore. Tape the end of upper edge to the plane. Be sure that two rib gluing is done so that the wing will fly straight when finished. Cut out the 1/2" x 1/2" rib. These are partly beveled by the 1/8" x 1/8" leading edge which will be the notch cut in the front of the trailing edge cut and send a 1/2" sheet with a triangular cross section, the thickest side to receive the rear wing rib. After all ribs, spore, leading edge, wing ribs are securely in place glue each rib high but thoroughly. After glue is done, wrap the front strips of bamboo using a few or eight light rib cut notches following the cement in place, wrapping with the thin thread for added strength. Insert the thin pipe in place and glue. Wing plug sections are made by pushing a piece of 1/8" aluminum tubing the top the 1/4" x 1/4" x 1-1/2" block lengthwise, leaving one that the hole is in the exact center. These sections should be joined together firmly. Next bend 1/16" x 1/8" x 1/2" wire strip and glue to the lower side of the 1/8" reinforcement, (see instructions on covering).

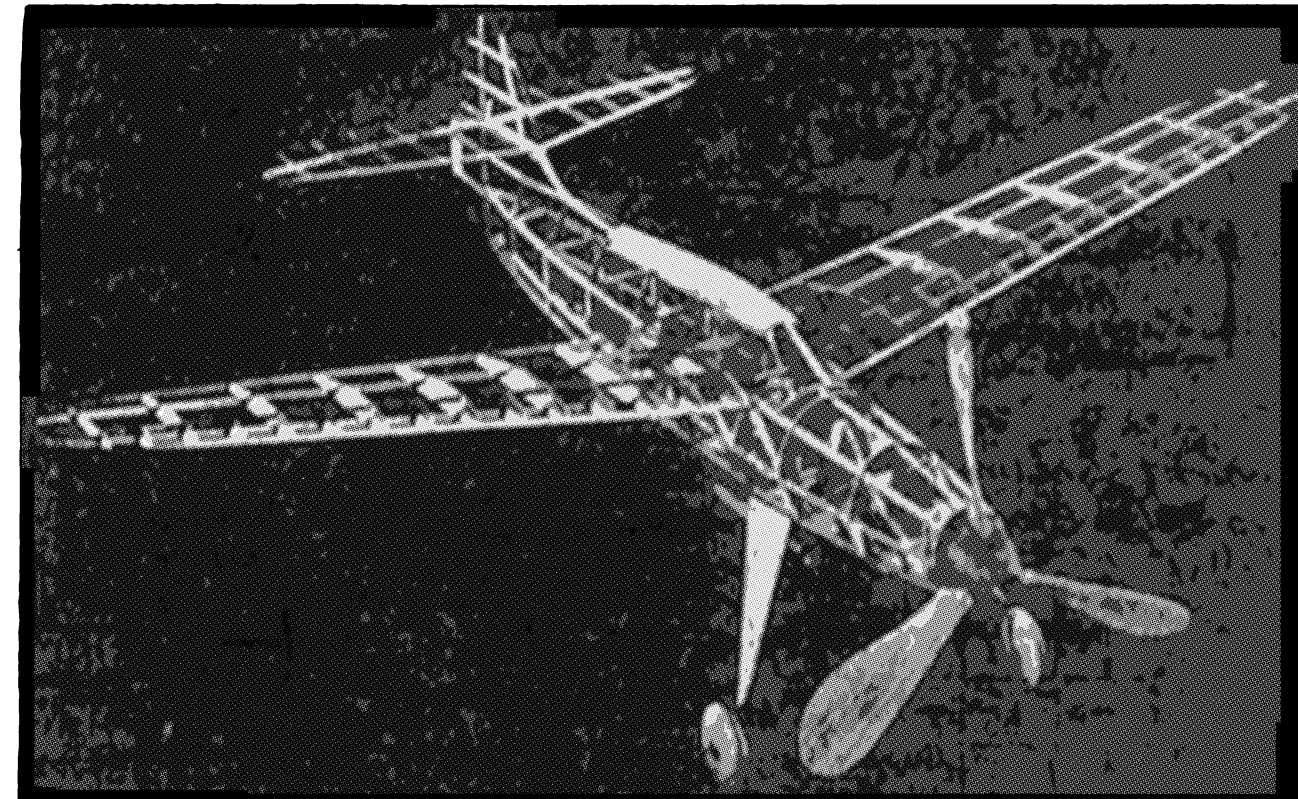


1. 24 ft. 1/16" x 1/8" strip latex for wing spars, fuselage struts, rudder and stabilizer etc.
2. 20 ft. 1/8" x 1/8" strip latex for fuselage longitudinal uprights, crossmembers, wing leading edge etc.
3. 8 ft. 1/16" x 1/4" strip latex for wing trailing edge.
4. 1/2 lb. 1/4" x 1/4" soft latex for wing sockets and nose plug stops.
5. 4 latex blocks 1/4" x 1/2" x 1" for nose plug.
6. 1 aluminum wing rib 1/2" x 1/2" x 1/2" x 1/2".
7. 1 aluminum propeller blade 1/16" x 1/2" x 1/2".
8. 1 rubber spinner or propeller hub.
9. 2 Machine carved propeller blades.
10. 1 pair 1/8" x 1/8" latex streamlined wheels.
11. 4-1/2 ft. 1/16" (300) steel wire for landing gear.
12. 1/2 lb. 1/16" x 1/8" stabilizer control, rear hook, 6" nose and tail skid.
13. 90 lb. (.010) steel wire for bomb release mechanism.
14. 1/2 lb. 1/16" x 1/8" aluminum colored tape.
15. 7 ft. 3/4" inches aluminum foil paper for nose covering.
16. 24 ft. 1/8" x .50 gauge rubber motor.
17. 1/2 lb. 1/16" x 1/8" aluminum tubing for wing supports.
18. 4 inches 1/8" aluminum tubing for landing gear plug-in and propeller shaft housing.
19. 1/2 lb. 1/16" x 1/8" tubing for motor horns and bomb release limbs.
20. 1 3/8" x 1/8" nose button for free wheeling propeller.
21. 1/2 lb. 1/16" copper washers for nose plug and stabilizer.
22. 4 0/32" copper washers for bearings and hub caps.
23. 2 pieces 1/4" x 1" x 1/8" light celluloid for mainwheels and windows.
24. 3 pieces (small) heavy celluloid 1/2" x 1/2" x 1/8" for motor around effort and bomb fins.
25. 1 piece aluminum stabilizer for wing tail rudder and stabilizers.
26. 1 bottle razor dope.
27. 1 bottle Country Club Modeland Compound.
28. 1 piece razor motor.
29. 1 plan and instructions sheet.
30. 1 sheet printed instructions.
31. 1 3/4 rubber lamp for bomb release.
32. 1 1/2 3/4 rubber lamp.
33. 1 aluminum ferrule, nose plate, machine screw and thumb tack.
34. 1 latex block 1/8" x 1/2" x 1/2" x 1/2".
35. 1 latex block 1/16" x 1/2" x 1/2" x 1/2" for skin roof.

Since this model flows faster than the average model, a neat job of covering is very important. To obtain a smooth covering, the paper must be put on in the largest piece possible without wrinkling. In covering the package if paper has a tendency to show wrinkles, cut paper in two or three pieces and glue the pieces together by placing paper over the part to be covered to locate the exact line where the paper does not lay smooth). Apply paper to framework with wing daps, using a soft brush. Be sure to cover the outside of the window minus foil to also as shown in drawing. These will have to be formed to the frame at the top of nose in order to make a neat job. Use glue to hold these sections in place. Put celluloid windows in place as indicated. After the windows are in place, the airframe is completely cut window openings to fit the celluloid windows leaving about 1/16" margin. Glue windows in place over tissue. Marine glue may be added after windows fall in place but must not be allowed to dry before windows are in place after rubber has been covered.

[illegible]

Spare parts, cement, dope, extra rubber buttons and other accessories for this plane may be obtained from the Country Club Aero Field, Lansing, 3340 Transit Avenue, Kalamazoo, Mich. 49001.



Address—CAPTAIN MIDNIGHT FLIGHT PATROL HEADQUARTERS
P. O. Box 436, Kansas City, Mo.

