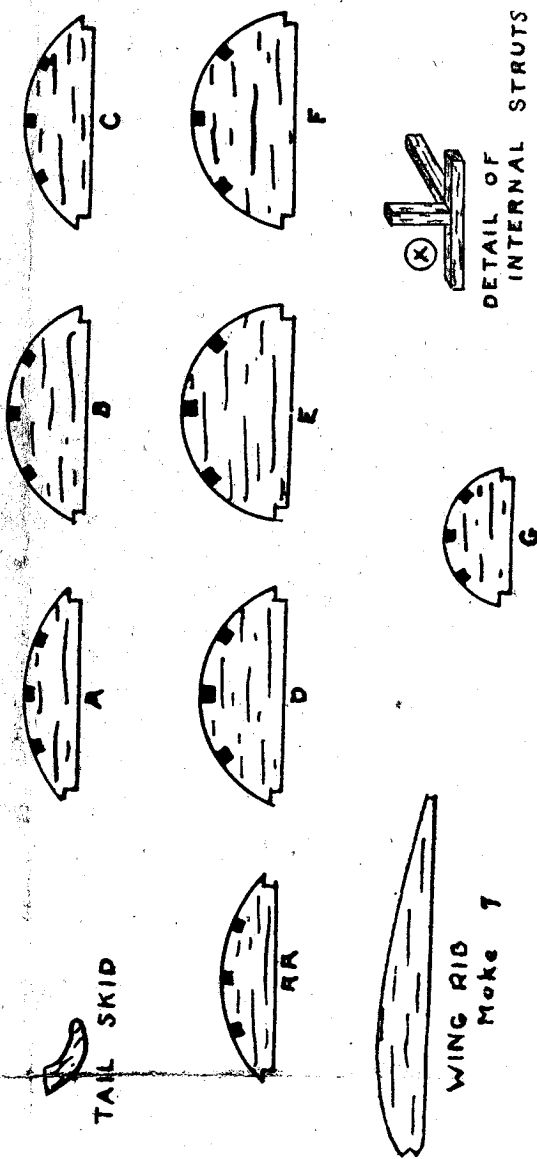
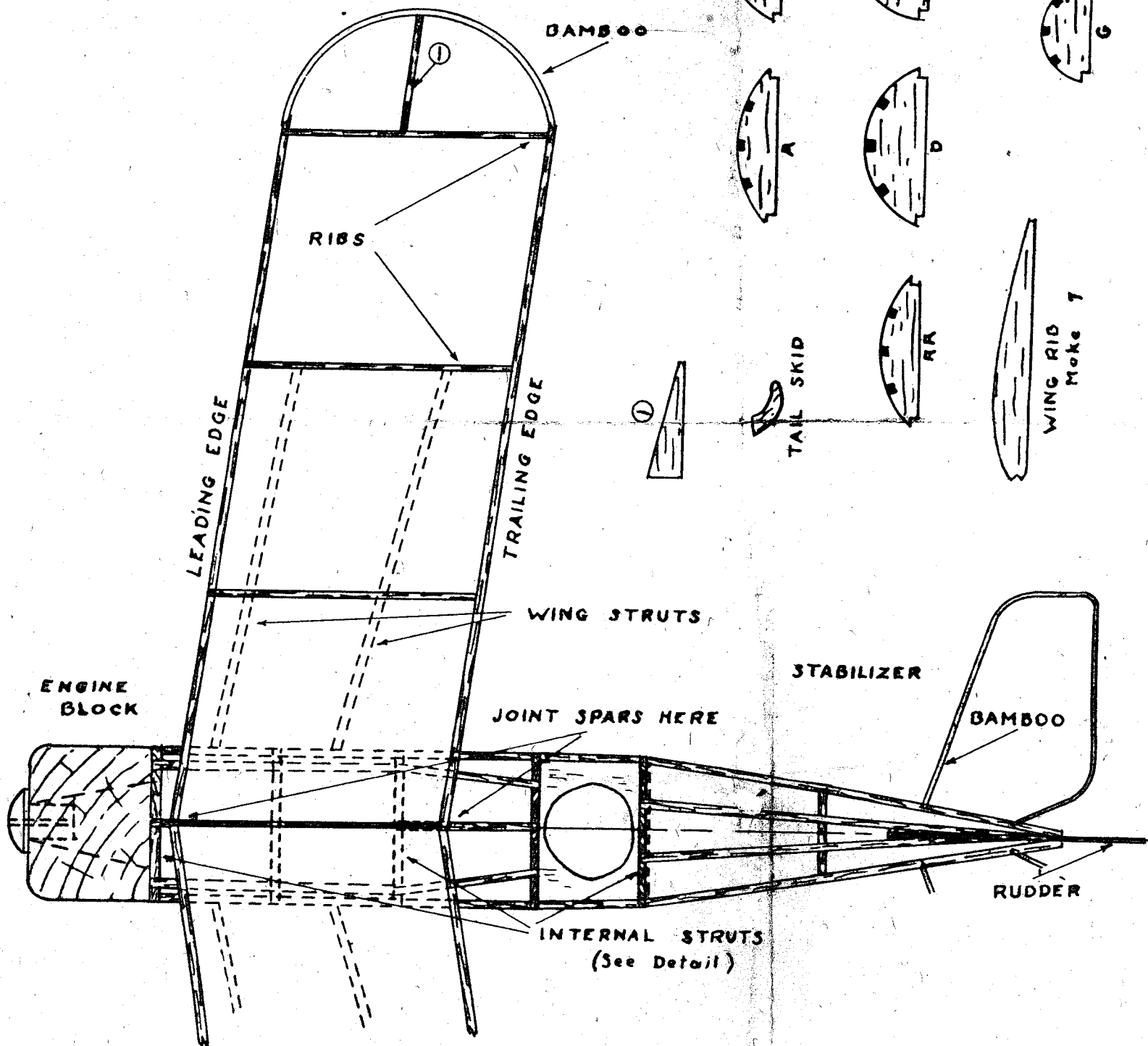


MORANE - SAULNIER



Flying Models depend on (1) careful construction of the various parts, (2) accurate alignment of the correct balance and (3) proper adjustment of the wing and tail surfaces. Good-looking models cannot be made by cutting printed parts on the sheet balsa are cut out accurately or unless you follow carefully the outlines of the parts when assembling the various parts. This is especially true of the fuselage which will appear lopsided or carelessly. Your airplane will not fly well unless great care is used on the assembly. The wings and stabilizers are parallel to the line of thrust or will be in trouble. If your plane is not in balance it will fall to the ground and it will rise too rapidly. Finally, the wing and tail surfaces must be warped slightly for good flights.

EDURE: Tack your plan sheet to a working board. Fasten a sheet of wax paper over it as a protection against the ink. Cut the "spray balsa," apart with a razor blade. This will give you a generous supply of 1/16" balsa. The printed parts on the sheet balsa can be cut out later while you are waiting for other parts to dry. In the next procedure will be (1) construct the various parts, (2) to assemble the airplane, (3) to correct the balance, (4) to adjust the wing and tail surfaces.

3 CONSTRUCTION: (1) The Fuselage. Place your wood strips on the side view of the fuselage. Use 1 1/2" of the first. Cement the upright and diagonal braces to them. Build the second 1 1/2" of the nose to the tail and put in the top and bottom cross members, as shown in the top view. Put any remaining stringers to the formers. Bend the tail hook and cement in place. It is very important to be in the exact position shown in the side view of the drawing. Then carve the nose block and cement it to the sides of the tail hook. Leave the bay at the tip of the tail open so that the tail hook is exposed to the air. (2) The Landing Gear. Construction of fuselage for F-21. Cut out the formers from the sheet balsa. (Special Instructions. Do not try to put the stringers in at once. Start with the sur in square or stringers in place. Do not try to put the stringers in at once. Start with the sur in square or

AIRPLANE ASSEMBLY: Before assembling your model, study the plan carefully and note the exact position of **each** of the various parts in relation to each other. (1) Wing Assembly for F-13, F-14, F-15, F-16, F-17, F-18, F-20. Attach the wings to the body after carefully noting that the bottom of the wings is parallel to the line of thrust. You can draw the line of thrust by drawing a line on the side view of your drawing from the center of the propeller back to the wing root. Then check your assembly with the front view of the plan to see if you have the proper alignment of the wings. (2) Fuselage Assembly for F-13, F-14, F-15, F-16, F-17, F-18, F-20. Cement the interplane struts on first. Make sure that the struts are parallel to the line of thrust on your drawing by drawing a line from the center of the propeller back to the center of the fuselage. Cement the interplane struts to the fuselage by drawing a line from the center of the propeller back to the center of the fuselage also. Cement the interplane struts to the wings and let dry in the right position. Cement the top wing in place. Finally put in the cabane struts. (Special Instructions for F-10. Cement the top wing in place. Finally put in the cabane struts. (Special Instructions for F-10.

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