

Republic P-47D-25 Thunderbolt

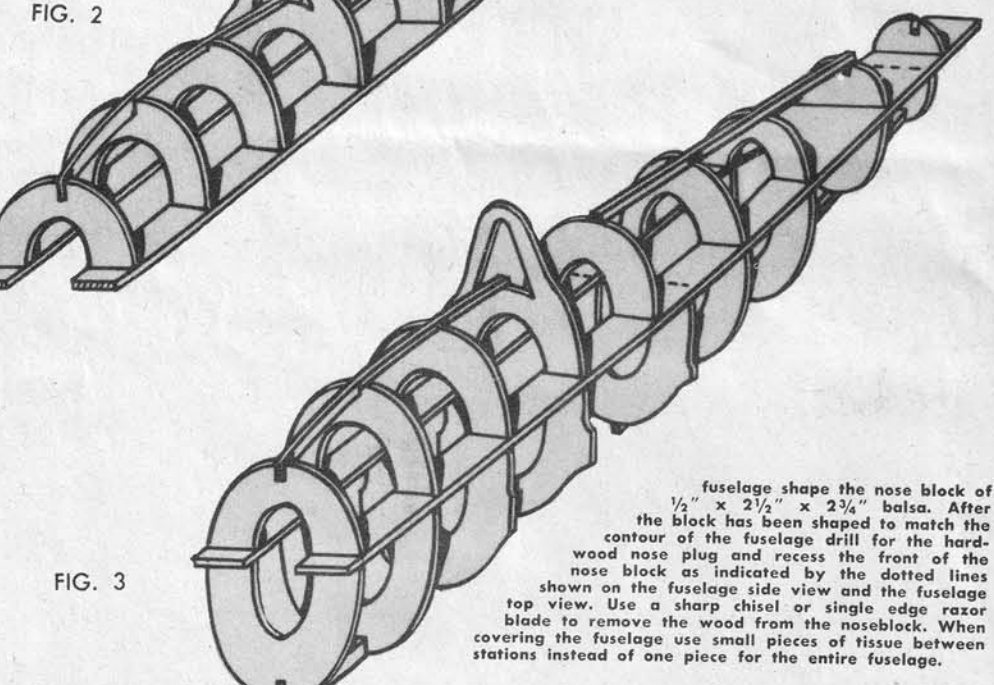
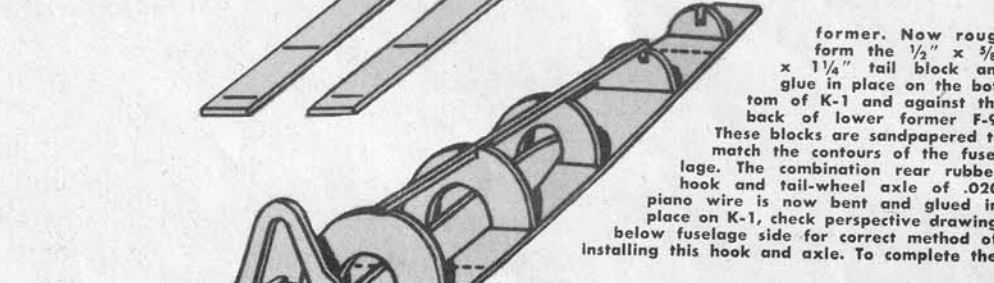


"KNOW YOUR PLANE"

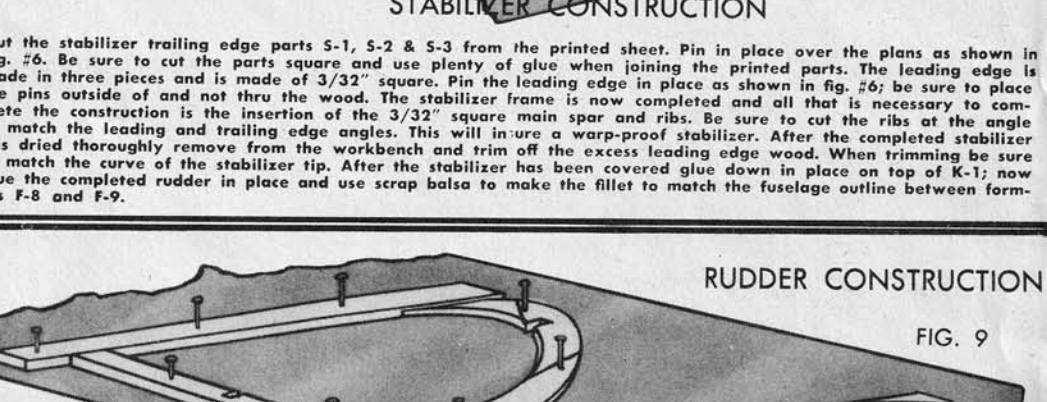
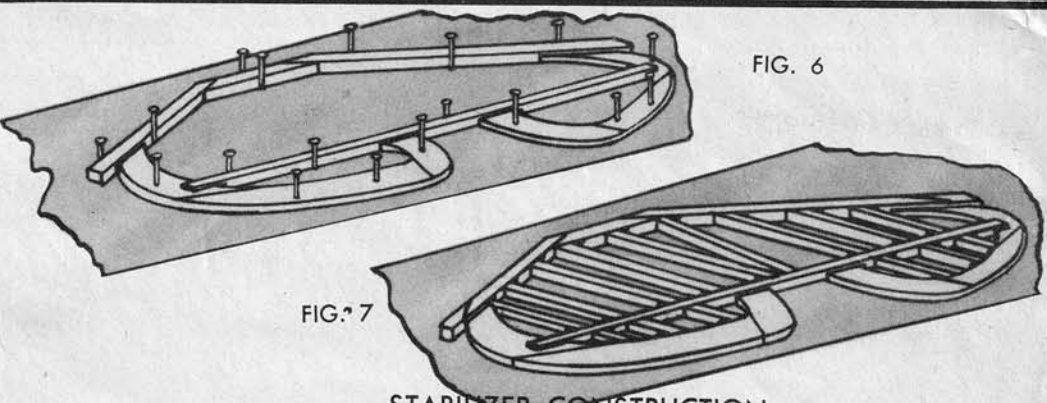
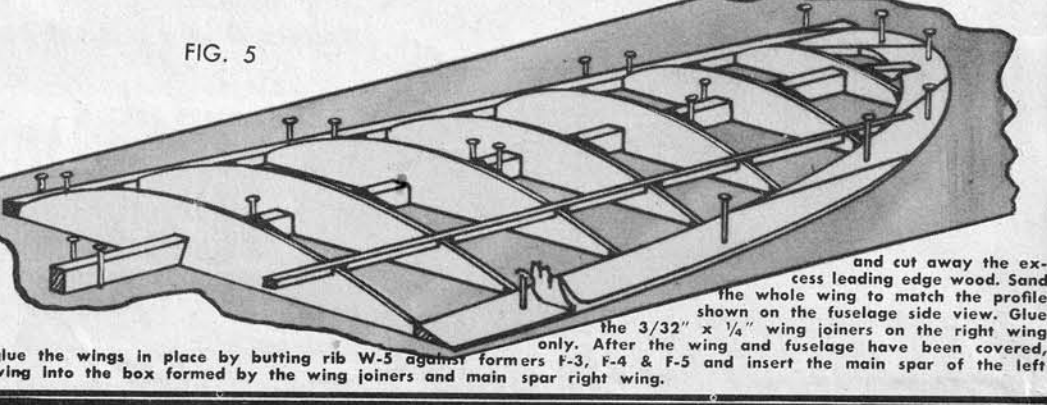
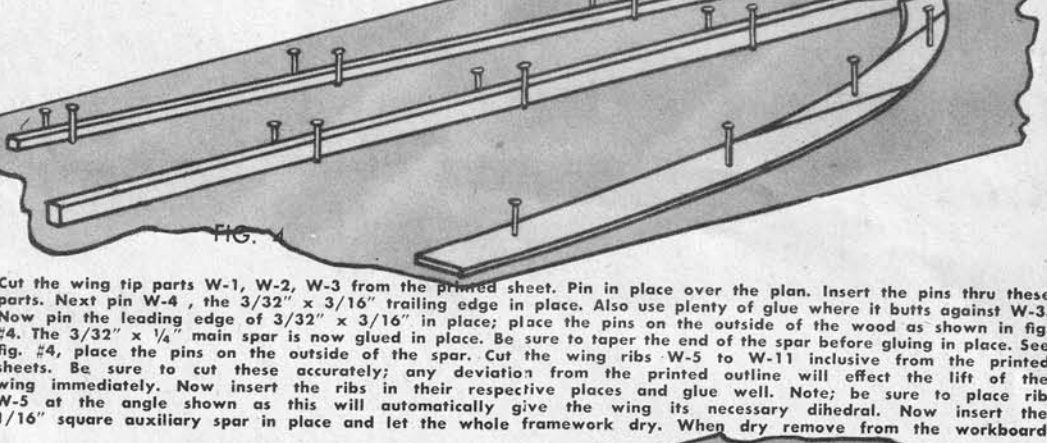
This bubble canopy version of the P-47 is the largest and heaviest single engine fighter the United Nations have put on the war fronts. It is also larger than any other the axis have managed so far. With a wing span of approx. 42 feet and powered with a Pratt and Whitney designed for high altitude work it has a service ceiling over 40,000 feet, but this did not hinder this versatile fighter because when the time came to close in on the German war machine at the end of the European conflict, the P-47 immediately came downstairs and did a very effective job of strategic fighter-bomber work. It was one of the most outstanding planes used for ground support and strafing.

FUSELAGE CONSTRUCTION

This fuselage is the conventional REDI-FORM style of construction which eliminates many major problems connected with the standard box and frame methods. Care will guarantee good results. The first step in construction is to cover the plans with waxed paper, use good quality such as is used to wrap Dad's lunch. Place K-1 as shown in fig. 21 over plans and pin in place. Fig. 22 shows how to glue the upper formers; place formers over dotted lines on keel K-1. Be sure to match the formers to the former designations on K-1. After the glue has set insert the 1/16" square top stringer in place. Note that all formers are at right angles to the keel. After the upper half of the fuselage has completely dried, remove it from the workboard. Now glue all the lower formers in place exactly the same as you did the upper formers. When these formers have set, glue the bottom center stringer in place. Note: only the top center and bottom center stringers have been glued in place, see fig. 23. Inserting the stringers in this fashion prevents twisting or warping of the frame. Now proceed to glue the stringers in place. To further simplify stringer alignment and to have better and truer contour, formers F-1, F-2, F-3, F-4, F-5 upper and F-9 lower have stringer notches. The balance of the formers have the stringers both onto the top of formers. Line up the stringers between the notched formers and you will have the same authentic outline to match the full scale prototype F-27. Rough form the 1/2" x 1/2" x 1 1/4" tail block and glue in place on top of K-1 and against upper F-9.



WING CONSTRUCTION



EAGLE MODEL AIRCRAFT CO.

A 1/2" = 1' scale version of the Republic P-47-d-25 Thunderbolt. Absolutely authentic in every detail and featuring the new REDI-FORM simplified type of construction. It will give you many happy hours of flying time.

DESIGN & PLANS W. L. SCHRODER
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