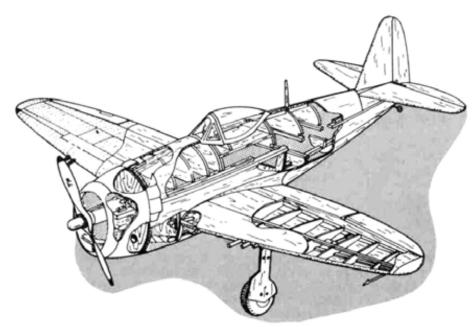
Building the

P-47 THUNDERBOLT



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Congratulations!

You now own the most accurate R/C Stand-Off Scale kit ever produced.

We at Top Flite hope that you will find this model the most pleasant to build, inspiring to look at and exciting to fly that you have constructed.

It is honest to point out, however, that while this model is no more difficult - in fact is simpler than most comparable kits to make, R/C Scale models generally are not for the newcomer to this hobby. Previous modeling experience and careful attention to craftsmanship are necessary. Even the "old hand" will do well to study and follow the instructions and guidance given in this booklet.

It is our aim to have you say: "This is the finest model I have ever built."

TOP FLITE MODELS, INC.

ACKNOWLEDGEMENTS

The staff of Top Flite wishes to acknowledge the assistance of the following individuals who contributed their time and talent to the successful creation of this kit:

Col. JIM G1LHULY (USAF RET.) ART SCHROEDER ART SABIN CLARK MACOMBER

Top Flite Models, Inc.

WARNING

A RADIO CONTROLLED MODEL IS NOT A "TOY". CARE AND CAUTION MUST BE TAKEN IN PROPERLY BUILDING THE MODEL AS WELL AS IN THE INSTALLATION AND USE OF THE RADIO CONTROL DEVICE. IT IS IMPORTANT TO FOLLOW ALL DIRECTIONS AS TO CONSTRUCTION OF THIS KIT AS WELL AS INSTALLATION AND USE OF THE ENGINE AND RADIO GEAR. THE ADVICE AND ASSISTANCE OF A WELL-EXPERIENCED BUILDER AND PILOT ARE ESSENTIAL. DON'T TAKE CHANCES. IMPROPER BUILDING, OPERATION OR FLYING OF THIS MODEL MAY RESULT IN SERIOUS BODILY INJURY TO OTHERS, TO YOURSELF OR PROPERTY DAMAGE.

THE P-47 STORY

The P47 was produced in larger numbers than any other U.S. Fighter of WWII. 15,683 production versions ranged from the P47-B, C, D, E, F, G, H, J, M, and N. Somewhat overshadowed by the publicity accorded the "Mustang" and the "Spitfire", the "Thunderbolt" was, nonetheless a most distinguished and respected aircraft by friend and foe alike.

The first P47 was test flown in May, 1941 and was known as the XP-47B. This aircraft was designed to fill the need for a fighter aircraft able to exceed the anticipated ceilings of enemy bombers, out gun them offensively; to escort and provide cover for American bombers flying in the Substratosphere, and to out-gun enemy interceptors.

The first production models were assigned to fighter units in England where it **became** extremely popular with AAF Pilots because of its ability to absorb extensive battle damage and still remain flying.

Perhaps the most outstanding tribute to this aircraft is the fact that all ten of the leading Thunderbolt "Aces" survived the war. Colonel Glenn T. Eagleston was one of these. This kit is the P47D-25-RE version flown by Colonel Eagleston while a member of the 35rd Sq, 354th Gp, 19th Tactical Air Force commanded by General O.P. Weyland. Col. Eagleston was the top "Ace" of the ninth Air Force, credited with 23'/2 destroyed, 2 probables and 7 damaged enemy aircrafts. It is to Colonel Eagleston that this kit is respectfully dedicated.

References: Aero Publishers, Inc.

329 Aviation Road Fallbrook, California

Thunderbolt in Action 3461 E. Ten Mile Road Warren, Michigan 48091 Camouflage & Markings Ducemus Books, Ltd. London, England

U.S. Army & Air Force Markings, 1916-1961 Library of Congress Card No. 61-16739

CONSTRUCTION OF P-47

BEFORE YOU START, READ THIS:

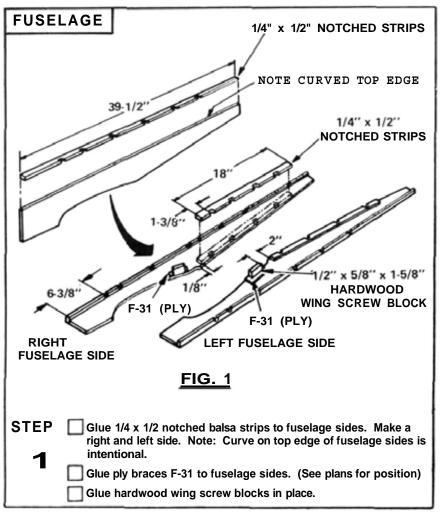
The assembly sequence of your Top Flite P47 has been carefully developed to help assure the correct alignment of your model. Utilize the check-off blocks as you build; this will allow assembly of your model in minimum time.

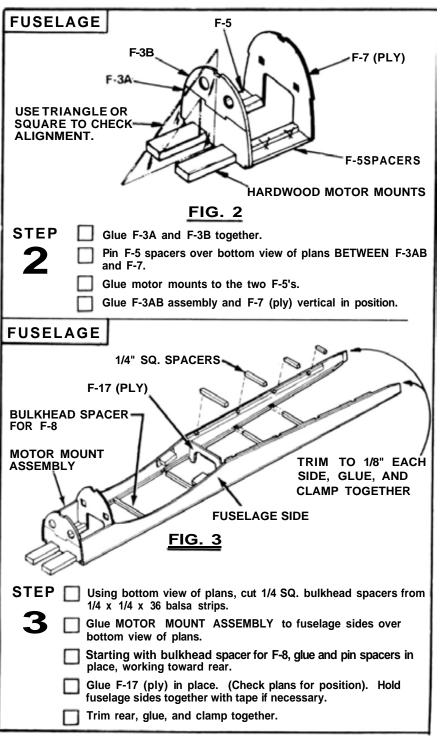
Before beginning an assembly step, read the instructions to familiarize yourself with the parts to be used. Find the parts mentioned and double check them for proper identification and size with the plans. Do nut separate parts from the die cut sheets until you need them. There are machined parts in your kit which are not identified, such as the fuselage siders, stab, ailerons, etc. These parts can be easily identified by checking the parts against the plans.

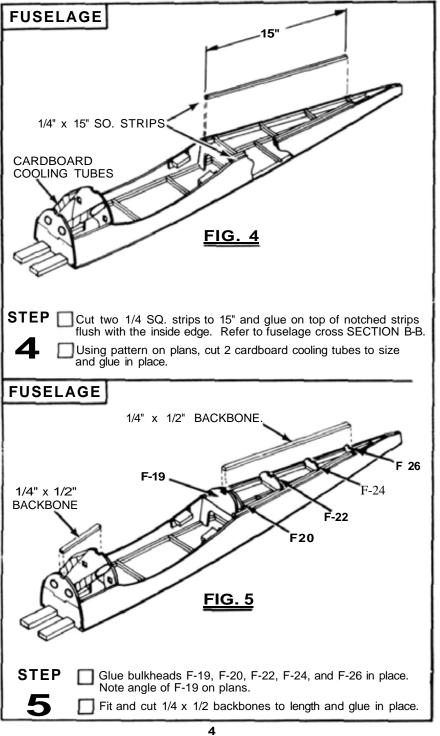
We are sometimes asked which glues are best for model construction. The answer to this depends upon the particular job. This is our normal recommendation: For all hardwood-to-hardwoud or hardwood-to-balsa joints, use white wood glue. "Titebond" is especially good, as it dries faster than other white glues and is very strong. For balsa-to-balsa joints, regular balsa-wood cements are ample for the job, although white glue can be used here too. Whichever type you use, remember that excess glue is no substitute for a well-fitting joint. Use a minimum of glue at all times, and wipe off excess glue that squeezes out of joints before it sets hard; when set it is difficult to remove, but if not removed it could spoil the covering job.

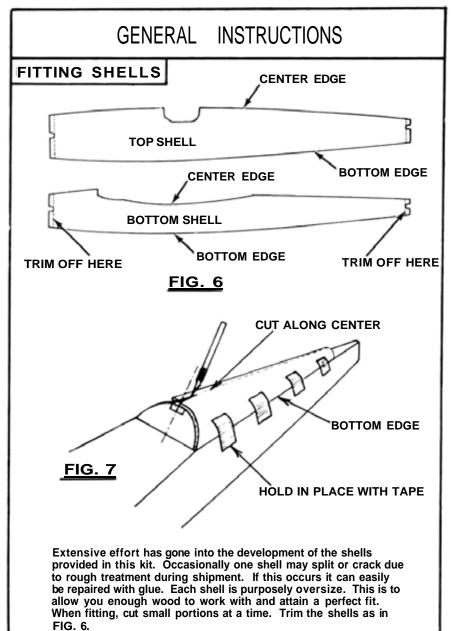
CONSTRUCTION SEQUENCE

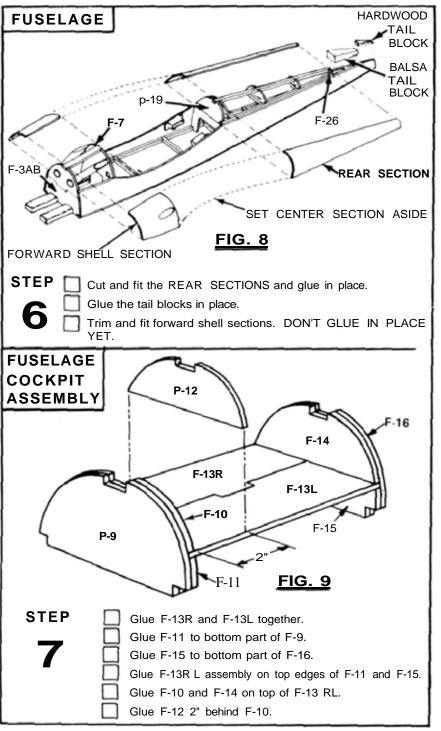
Follow each step in order and put check marks in the blocks as you complete each phase described.

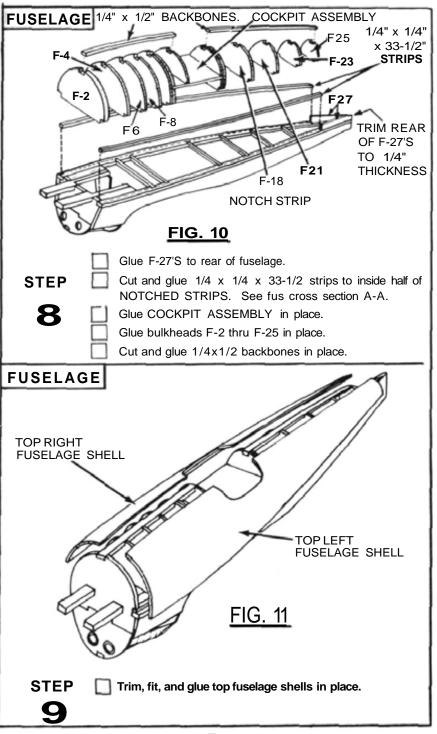


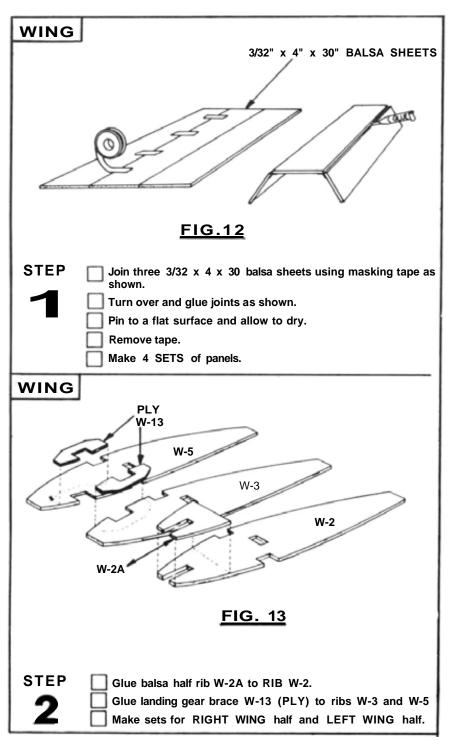


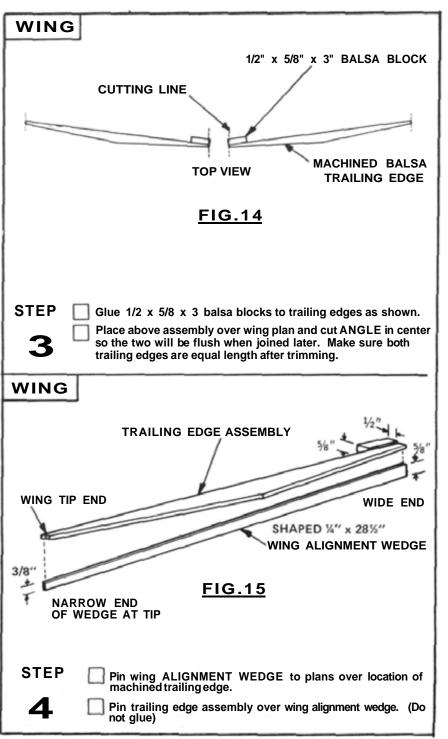


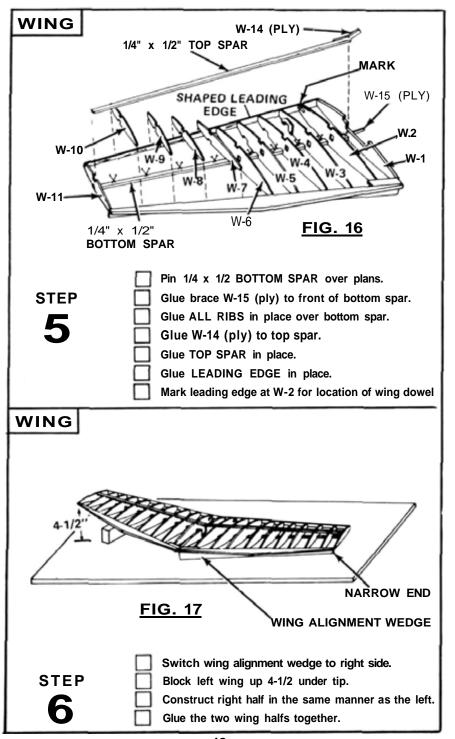


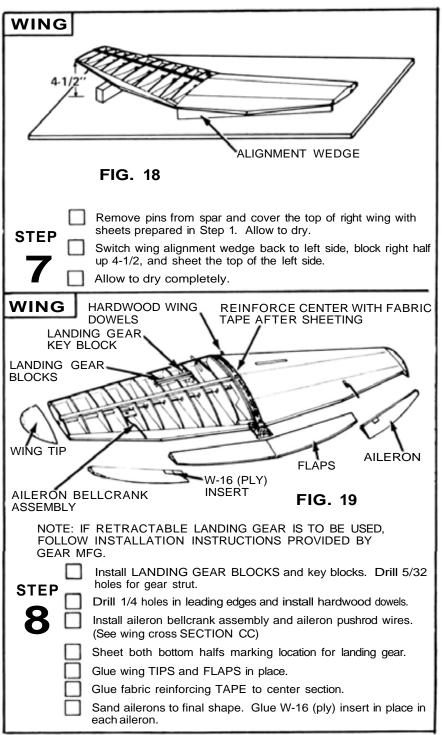


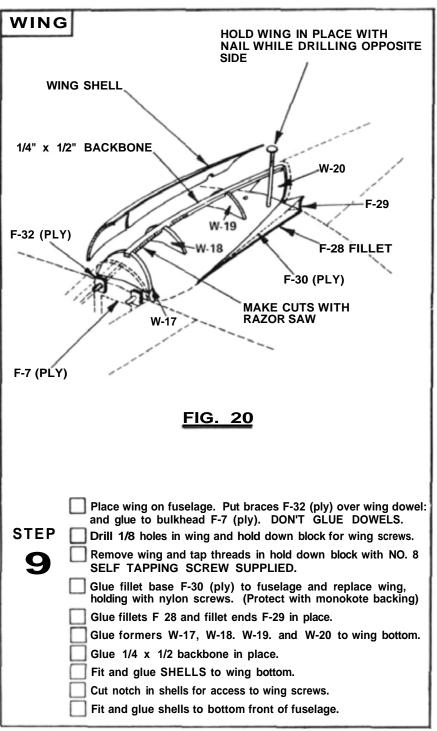


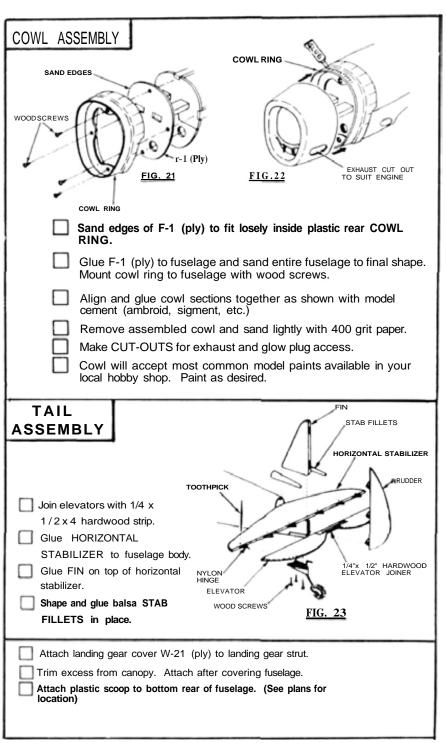












COVERING

Sand the entire airplane with 200 grit paper. Then final sand with 400 or 500 grit paper. Remove all sanding dust with a clean cloth and cover model. A very realistic finish for this model can be obtained with MONOKOTE. This material can be scratched and textured to look like the skin on the actual P-47. Try to have the seams along rivet lines, panels, etc. and they will be unnoticeable.

FINAL STEPS

Install the R/C equipment, hinge control surfaces, install engine, fuel tank, wheels, and push rods using the plans for location. Make sure PLANE BALANCES at or slightly forward of the CENTER 01 GRAVITY shown on plans, NOTE: THE FAILURE TO BALANCE THE COMPLETED MODEL AS SHOWN WITH ALL RADIO GEAR INSTALLED MAY MAKE THE MODEL UNCONTROLLABLE IN FLIGHT RESULTING IN POSSIBLE INJURY TO OTHERS, TO YOURSELF OR TO PROPERTY DAMAGE. Make sure all controls work freely, with no binding and in the proper direction. Carefully follow all installation and operation instructions given by the radio control unit manufacturer.

FIRSTFLIGHT

It is CRUCIAL that a well-experienced R/C Modeler-Pilot go over the plane carefully before attempting the first flight. If you are not well-experienced in checking out all construction and operating details and in flying, GET HELP. R/C modelers are a fine group of people that will gladly offer help when asked. Your hobby dealer may also be able to assist you. Write (and join!) the Academy of Model Aeronautics, 806 Fifteenth St., N.W., Washington, D.C. 20005. They will supply you with a list of R/C Clubs in your state and you can contact one of them. They will be happy to help.

The well-experienced R/C modeler-pilot will thoroughly go over all aspects of your construction and gear installation. He will then re-check everything at the flying field and then, if-but only if-all is right, he will perform the all important first flight of your aircraft and "trim it out", that is, make in-flight adjustments of the moving surfaces and make further changes on the ground, as necessary. Remember that even experienced R/C pilots turn to really well-experienced modeler-pilots for this crucial final check-out and trim-flight.

What is at stake is not just your model, but the SAFETY of others, yourself and property. Do Not fly until you are certain you are flying a checked-out model that you can SAFELY control under all circumstances!

We believe that we have passed on to you some helpful ideas gathered from our own experience and sincerely hope that building and flying your P-47 will be a rewarding experience.

Best of Luck!

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FLIGHT LOG