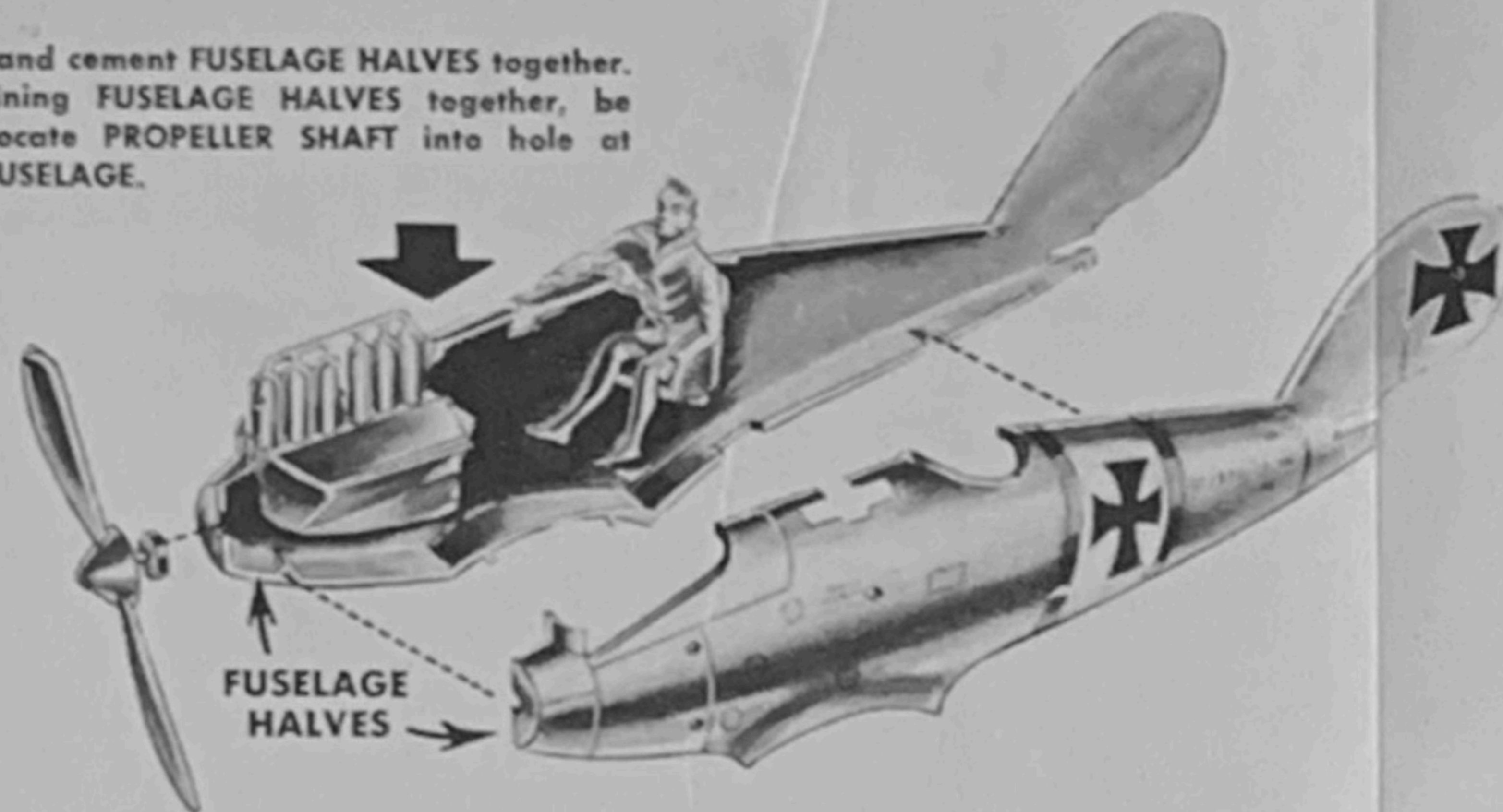


PFALZ D-3

ASSEMBLY INSTRUCTIONS

7. Locate and cement FUSELAGE HALVES together. Before joining FUSELAGE HALVES together, be sure to locate PROPELLER SHAFT into hole at front of FUSELAGE.



FUSELAGE HALVES

8. Locate and cement TWIN SPANDAU MACHINE GUNS to FUSELAGE.

9. Locate and cement LOWER WING to UNDERSIDE of FUSELAGE.

10. Locate and cement CABANE STRUTS to LEFT and RIGHT SIDES of FUSELAGE.

11. Locate and cement INTERPLANE STRUTS to LOWER WING. Note: Longer or slanted LEG of STRUT is toward FRONT.



For Cementing, Use AURORA'S POLYSTYRENE CEMENT for plastic model airplanes.

CAUTION Apply the cement only to those places which are to stick together.

THIS CEMENT MAY BE PURCHASED FROM YOUR DEALER!



AURORA PLASTICS CORP.
Hempstead, New York

MADE IN U. S. A.

HISTORY OF PFALZ D-3

This scout biplane was produced in 1917 at the Pfalz Flugzeugwerke, G.M.B.H., Speyer-on-Rhine. The famous exploits of the Fokker Triplane cancelled the original thought that the Pfalz might be a possible successor of the Albatross single-seater. It was flown on the Western Front by the Sixth, Fourth, Seventeenth, Second, and Eighteenth Armies. The Pfalz was favored over the Albatross D-3 because of its rapid maneuverability, and its special tailplane section that enabled it to pull out of a fast dive quickly. The Pfalz was built much stronger than the Albatross D-3, but was nearly 20 m.p.h. slower. It was one of the slowest German scouts on a climb; it took seventeen minutes to reach 10,000 feet, as compared with the Allied types, the Camel, the S.E. 5A, and the Spad which took only five or six minutes to reach 10,000 feet, a very great disadvantage.

The Pfalz D-3, and the Albatross resembled each other a great deal except for the differing tail assemblies. The Pfalz had a square-cut rectangular tailplane with raked tips in contrast to the smoothly rounded tailplane and elevator of the Albatross. A general wariness of the Albatross scouts and the official abandonment of the Fokker Triplane, gave a new lease of life to the Pfalz D-3. For several months, the Pfalz reigned supreme on the western front, and was well known to many German aces.

The Pfalz D-3 scout biplane was a popular single-seater during 1917, and often was flown in mixed squadrons with the Albatross D-5. Many German scout pilots alternated between these two types of craft. For the dangerous and precise operation of balloon-busting, the Pfalz was particularly suited due to its design. Specializing in this work, Heinrich Gontermann, German ace, shot down 18 Allied observation balloons.

Powered by a 160 h.p. Mercedes motor, the maximum speed was 103 m.p.h. at 10,000 feet, and 91 m.p.h. at 15,000 feet. Storage of 21½ gallons of petrol, and 4 gallons of oil, provided the necessary tankage.

Normal Armament consisted of twin fixed and synchronized Spandau machine guns mounted above the motor cowling immediately forward of the pilot's cockpit. It is reported that a special version was armed with three synchronized Spandau machine guns for balloon-busting duties. Wing construction was of wooden main spars and ribs, braced internally and externally with wire, fabric covered. Fuselage was wooden monocoque structure, plywood covering, except forward of pilot's cockpit, which was aluminum covered. Tail was wooden framework, fabric covered.

The Pfalz D-3 scout played an important role in World War I, and would possibly have been more famous if it had not been for the early success of the Fokker Triplane. The actual plane may be seen at the Imperial War Museum.

BEFORE ASSEMBLING MODEL, STUDY SKETCH CAREFULLY.

IMPORTANT—APPLY CEMENT TO INSIDE SURFACES ONLY. AVOID GETTING CEMENT ON OUTER SURFACES OF MODEL SECTIONS. USE CEMENT VERY SPARINGLY AND AVOID GETTING CEMENT ON HANDS, SO AS NOT TO MAR OR SMEAR PLASTIC SURFACES.

DO NOT HURRY. WORK CAREFULLY AND PATIENTLY.

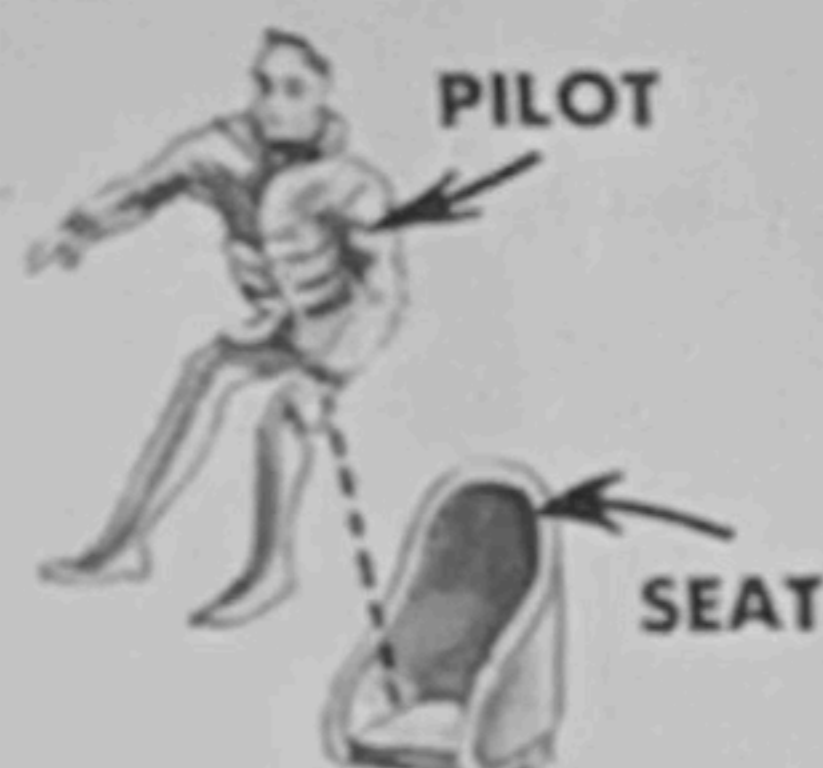
IMPORTANT NOTE: BEFORE PROCEEDING TO CEMENT PARTS TOGETHER, IT IS ADVISABLE TO FIT PARTS TOGETHER DRY (WITHOUT CEMENT) SO THAT YOU MAY FAMILIARIZE YOURSELF WITH THE PARTS AND HOW THEY GO TOGETHER, ALSO NOTING THE POINTS WHERE CEMENT IS TO BE APPLIED.

FOR BEST RESULTS ASSEMBLE MODEL EXACTLY IN THE ORDER INDICATED.

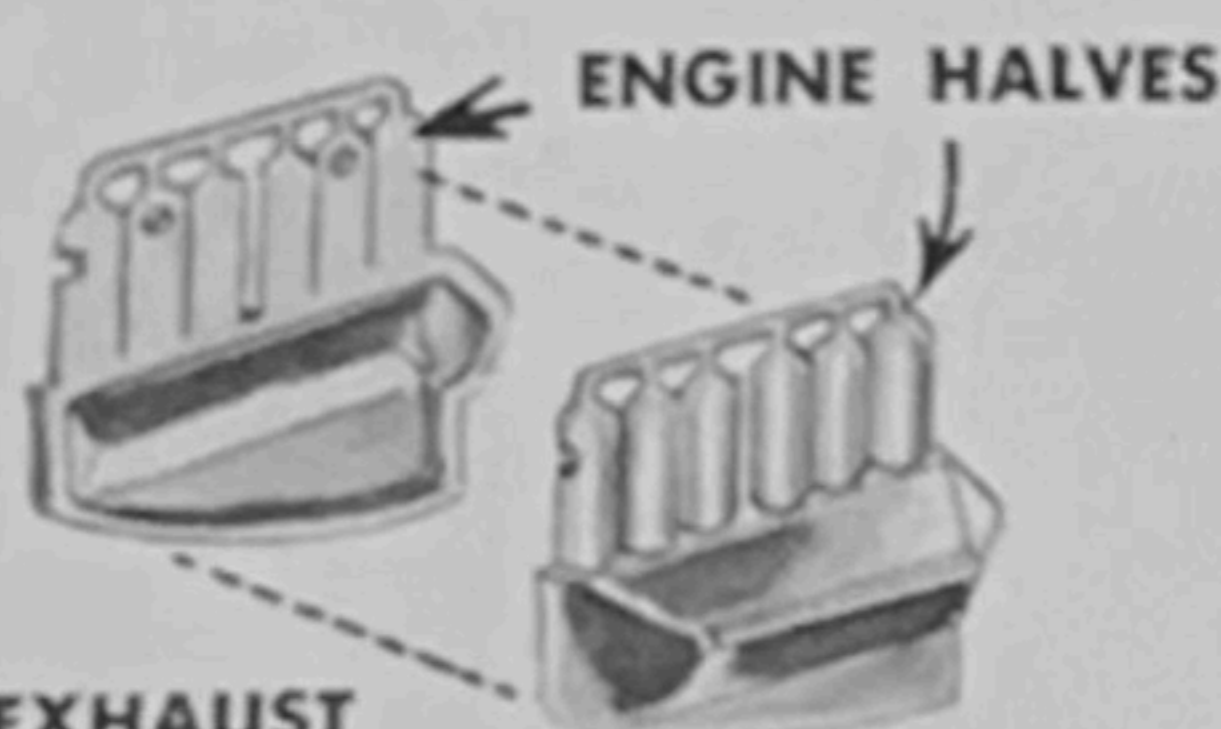


SPEED-DRY ENAMELS are AURORA'S REVOLUTIONARY NEW ENAMEL PAINTS developed after years of research especially for Plastic Models and other products of Wood, Metal, Glass or China.

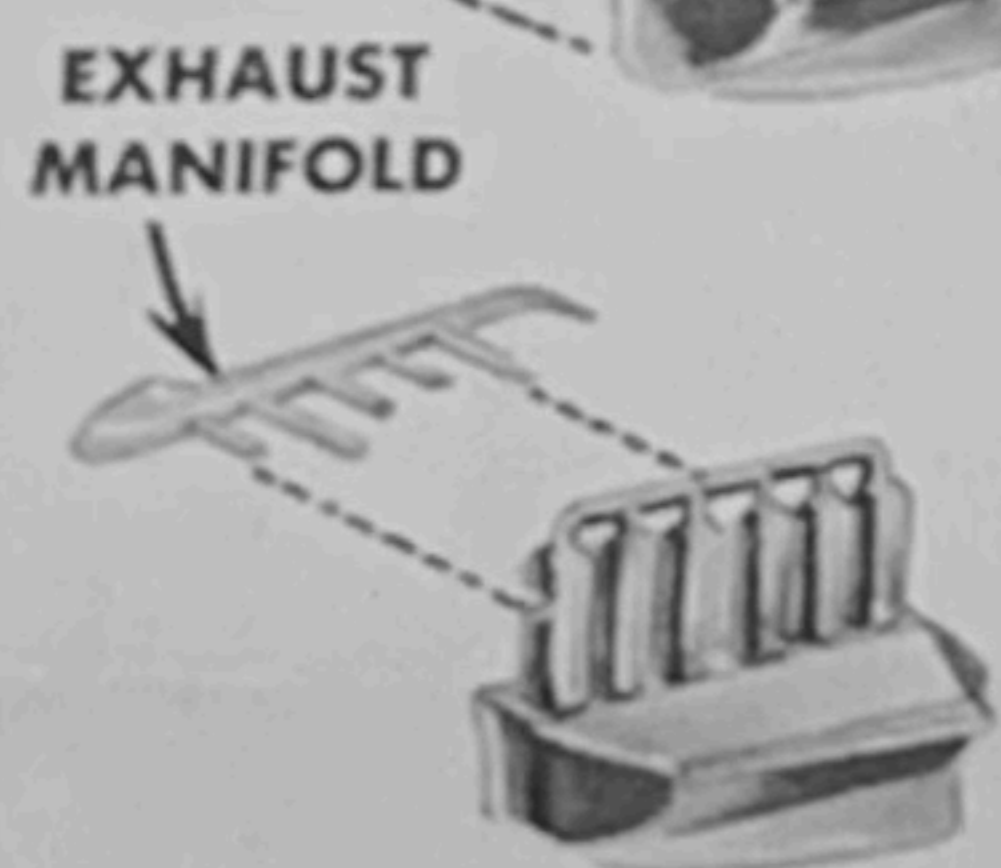
1. Locate and cement PILOT to SEAT.



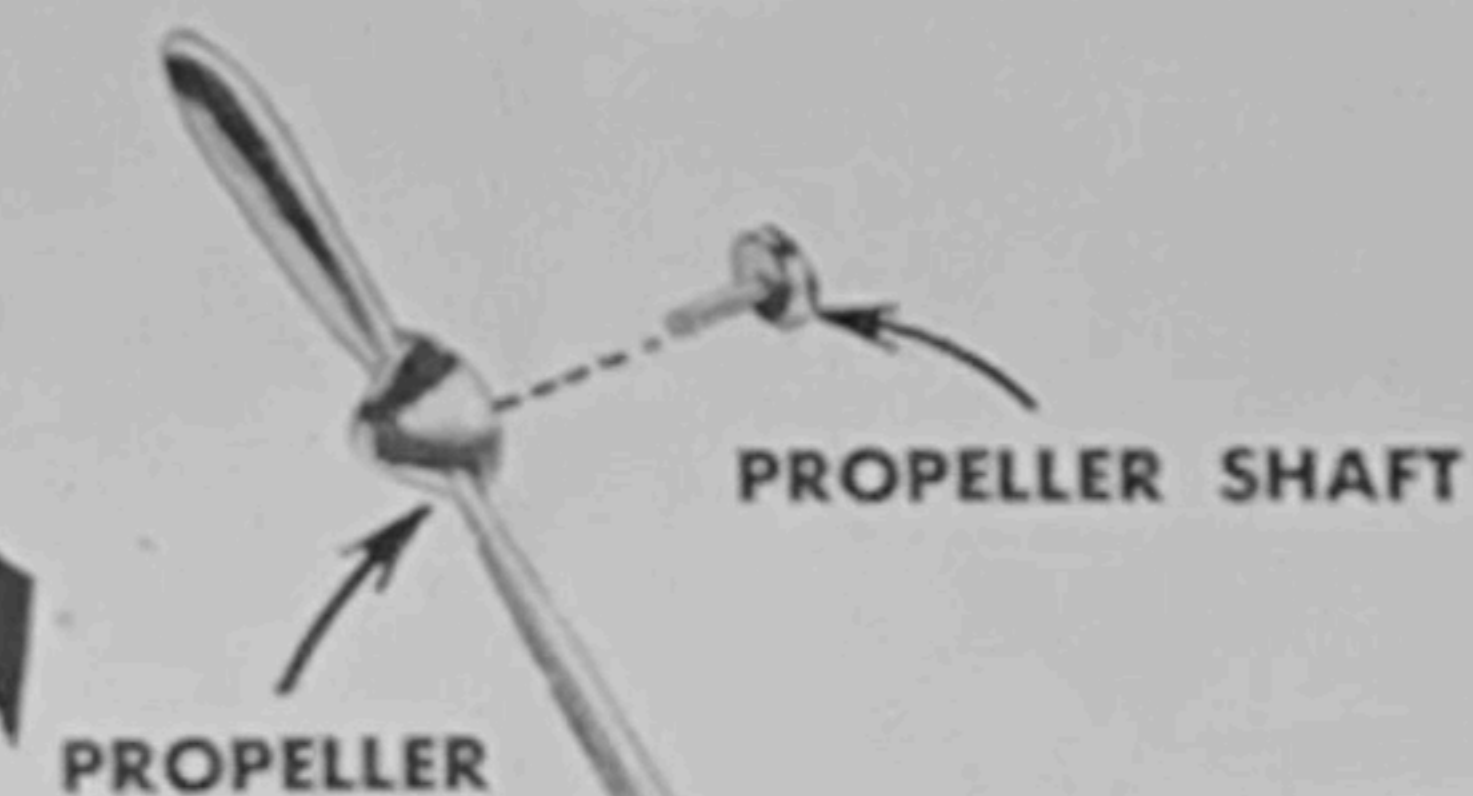
2. Locate and cement ENGINE HALVES together.



3. Locate and cement EXHAUST MANIFOLD to RIGHT SIDE OF ENGINE.



4. Cement PROPELLER to PROPELLER SHAFT.



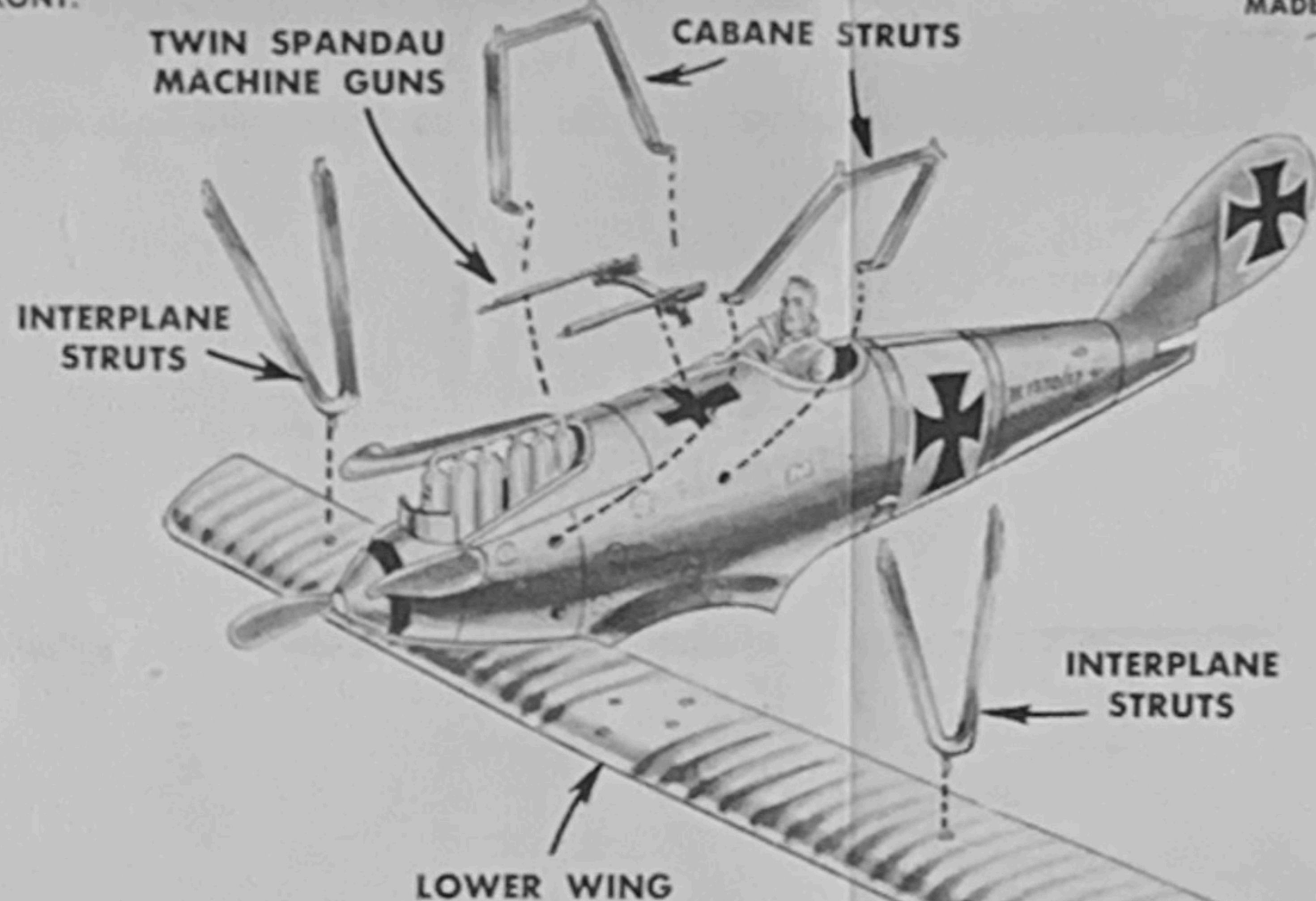
5. Locate and cement PILOT and SEAT ASSEMBLY onto locating pegs in RIGHT FUSELAGE HALF.

RIGHT FUSELAGE HALF

6. Locate and cement ENGINE ASSEMBLY onto locating pegs in RIGHT FUSELAGE HALF.



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12. Cement UPPER WING to STRUTS as follows: Apply a small drop of cement to each of the holes in underside of TOP WING—then insert ends of CABANE STRUTS into corresponding holes in center of WING—and follow by inserting, one at a time, ends of INTERPLANE STRUTS into corresponding holes in UNDERSIDE of UPPER WING.

13. Locate and cement FUEL LINE to hole in UNDERSIDE of Upper WING and to hole in FRONT of ENGINE. Note: Use of a "Tweezer" will prove to be very handy for this operation.

14. Cement HORIZONTAL STABILIZER to TAIL of FUSELAGE.

15. Locate and cement LEFT and RIGHT LANDING GEAR STRUTS to UNDERSIDE of LOWER WING and FUSELAGE.

16. Locate and cement AXLE to LANDING GEAR STRUTS.

17. Locate and cement WHEELS to AXLE.

18. Locate and cement TAIL SKID to UNDERSIDE of FUSELAGE.

19. Locate and cement MECHANIC to WING and FOOT STEP on RIGHT side of FUSELAGE.

20. Cut out sections of DECALS to correspond with markings on MODEL or SKETCH. Read DIRECTIONS on back of DECALS before applying. Allow to dry before any further handling.



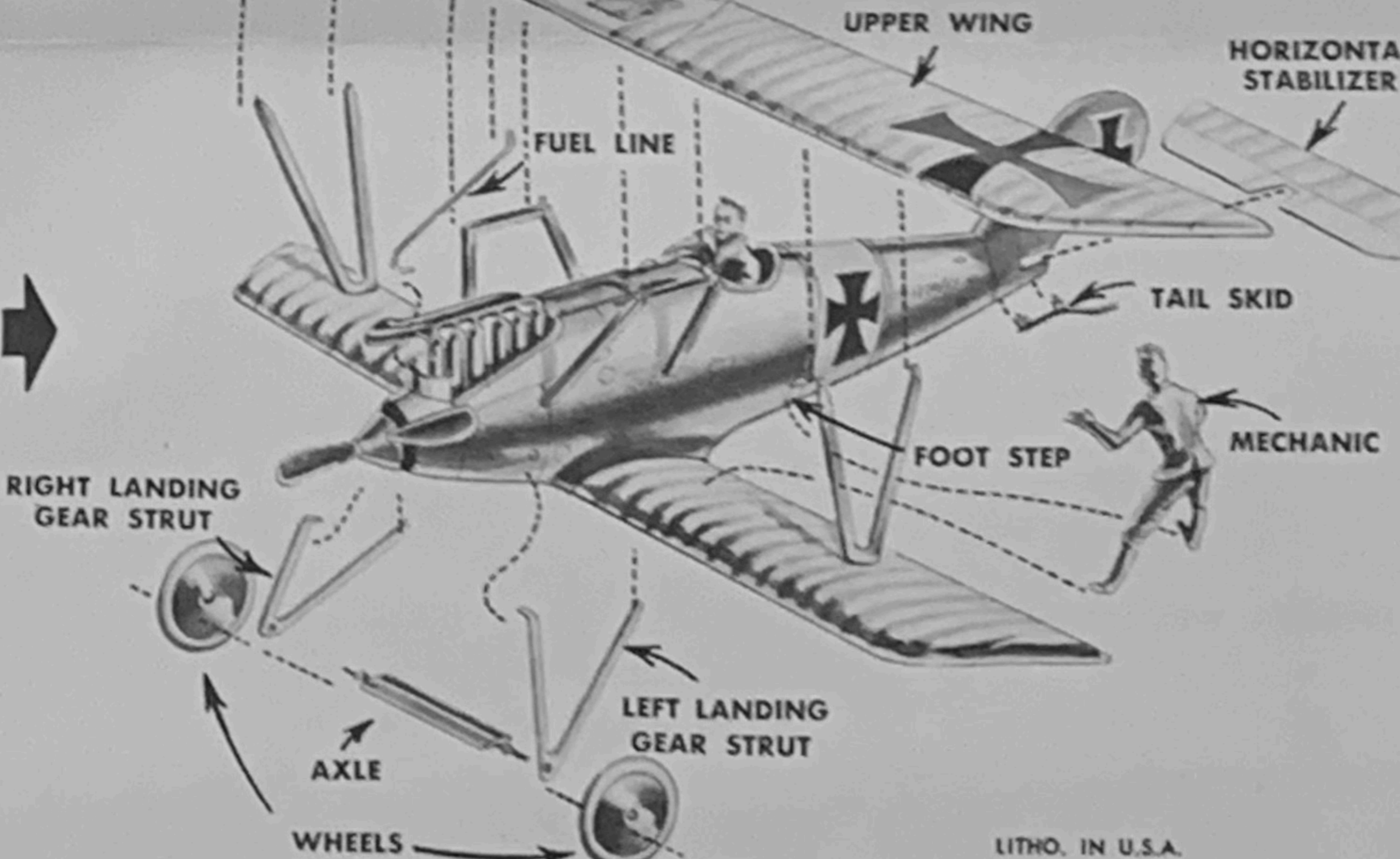
Your completed model may be either shelf mounted or wall mounted. For wall mounting, the underside of this model contains a slot which will accommodate AURORA'S Wall Bracket which is available at your Dealer at nominal cost.

If it is desired to further decorate the model by painting, the COVER of the box in which this MODEL was packed, may be used as a guide both as to color selection and areas to be painted.

CAUTION—Use only those paints which are specified for use on plastics. These paints are available at your local Hobby Shop, Toy Dealer, or Variety Store.

SUGGESTED DETAIL PAINTING SCHEME

- BROWN—PILOT'S and MECHANIC'S SUITS
- PROPELLER
- CABANE and INTERPLANE STRUTS
- LANDING GEAR STRUTS
- SILVER—WHEEL CENTERS
- BUFF—UNDERSIDES of WINGS and ELEVATORS
- BLACK—CHOCKS
- PADDING around COCKPIT
- TAIL SKID
- GREEN—GROUND PANEL



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- Aurora's research brings you unusual, hard-to-find models that are truly collector items.
- Aurora gives you more to build . . . more to display . . . more for your money. You'll see for yourself the very first kit you build.

FAMOUS FIGHTERS OF WORLD WAR I

French Nieuport
Sopwith Camel
British Scout SE-5
German Albatross D-3
Fokker DRI Triplane
Fokker D-7
Spad 13
Nieuport 28
Pfalz D-3
DeHavilland DH-4
F2B "Brisfit"
JN-4 "Jenny"
DeHavilland DH-10 Bomber
Gotha Bomber

FAMOUS FIGHTERS OF WORLD WAR II

B-17 Flying Fortress
British Spitfire
Focke Wulf
P-40 Flying Tiger
ME 109 Messerschmitt
AT-6 "Texan"
SNJ Navy Trainer
Jap Zero
Hellcat
Russian Mig 19
P-51 "Mustang"
P38 Lockheed Lightning

MODERN DAY FIGHTERS

Convair F102 "Dart"
Lockheed F104 "Starfighter"
Douglas F4D "Skyray"
Grumman F9F6 "Cougar"
F-94C Starfire
F-100 Super Sabre
B-36 Bomber
B-47 Stratojet
B-52 Stratofortress
F9F Panther Jet
Lockheed VTO
F86D Sabre Jet
F90 Lockheed
Convair V.R.
FBU "Crusader"

GIANT BOMBERS

PBY "Catalina"
B26 Martin "Marauder"
B-29 Superfortress
B25 "Mitchell" Bomber

WHIRLYBIRDS

Piasecki H-25A "Army Mule"
Kaman Hok "Egg Beater"
Hiller Hornet "Ram Jet"
Sikorsky S-55 "Windmill"
Piasecki H-21 "Work Horse"

POPULAR PLANES OF THE 1930's

Boeing P-26A
Curtiss P-6E
Curtiss SBC3 "Helldiver"
M-2 "Mail Plane"
Boeing P12E
Boeing F4B4

U.S. NAVY WARSHIPS

Destroyer Bennion
Cruiser St. Paul
Atomic Sub. SSN Sea Wolf
Destroyer USS Halford
Battleship Iowa
Carrier USS Forrestal
Carrier USS Saratoga

HISTORIC SAILING SHIPS

Pirate Ship Black Falcon
Viking Ship
Chinese Junk
Blue Nose Schooner

FAMOUS TANKS

Patton Tank
Panther Tank
Stalin Tank

MILITARY VEHICLES

U. S. Army 5000 Gallon Gas Truck
U. S. Army Van Semi-Trailer
U. S. Army 40 Ton Flat Bed Trailer with Crawler/Shovel

GUYS AND GALS OF ALL NATIONS

Dutch Boy
Dutch Girl
Chinese Mandarin
Chinese Girl
Indian Chief
Indian Squaw
Scotch Lad
Scotch Lassie

FAMOUS WARRIORS

Silver Knight of Augsburg
Blue Knight of Milan
Black Knight of Nurnberg
Red Knight of Vienna
Gold Knight on Horse
U. S. Air Force Pilot
U. S. Sailor
U. S. Army Infantryman
U. S. Marine

COPPERSMITH COLLECTION

King of the Beasts
Bucking Bronco
Chief White Feather
Ballerina
Pirate Captain
Madonna
Flower Spray
Elephant
Clown
Liberty Bell
American Flag
Buffalo Hunt
Venetian Gondola
Wild Deer
Sea Life
Colonial Lady
Colonial Man
Haiti Lady
Haiti Man
Mercer Raceabout
Bauquet of Flowers
Venus
Modern Fish
Painter
Kittens
Flying Geese
Roman Gladiator
Oriental Beauty
Oriental Man
Clipper Ship
Hawaiian Eve
Vase of Roses
Indian Warrior

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3 Giant Bombers
2 Famous Fighters
4 Famous Fighters
3 Army Tanks
3 Famous Fighters
3 Knights in Armor
2 American Fighters

TOTEM CRAFT

ELECTRONIC MODEL KITS

Crystal Radio Kit
Fixed Crystal Radio Kit
2 Transistor Radio Kit
2 Tube Portable Radio Kit
1 Tube Radio Kit
2 Tube Radio Kit
Twin Signal Set
Single Signal Set
Inter-com Telephone Set
Head Set
Single Head Phone

HO ACCESSORIES

Trees
Colonial House
Ranch House
R. R. Station
Church
School House

POPULAR PLANES OF THE 1930's

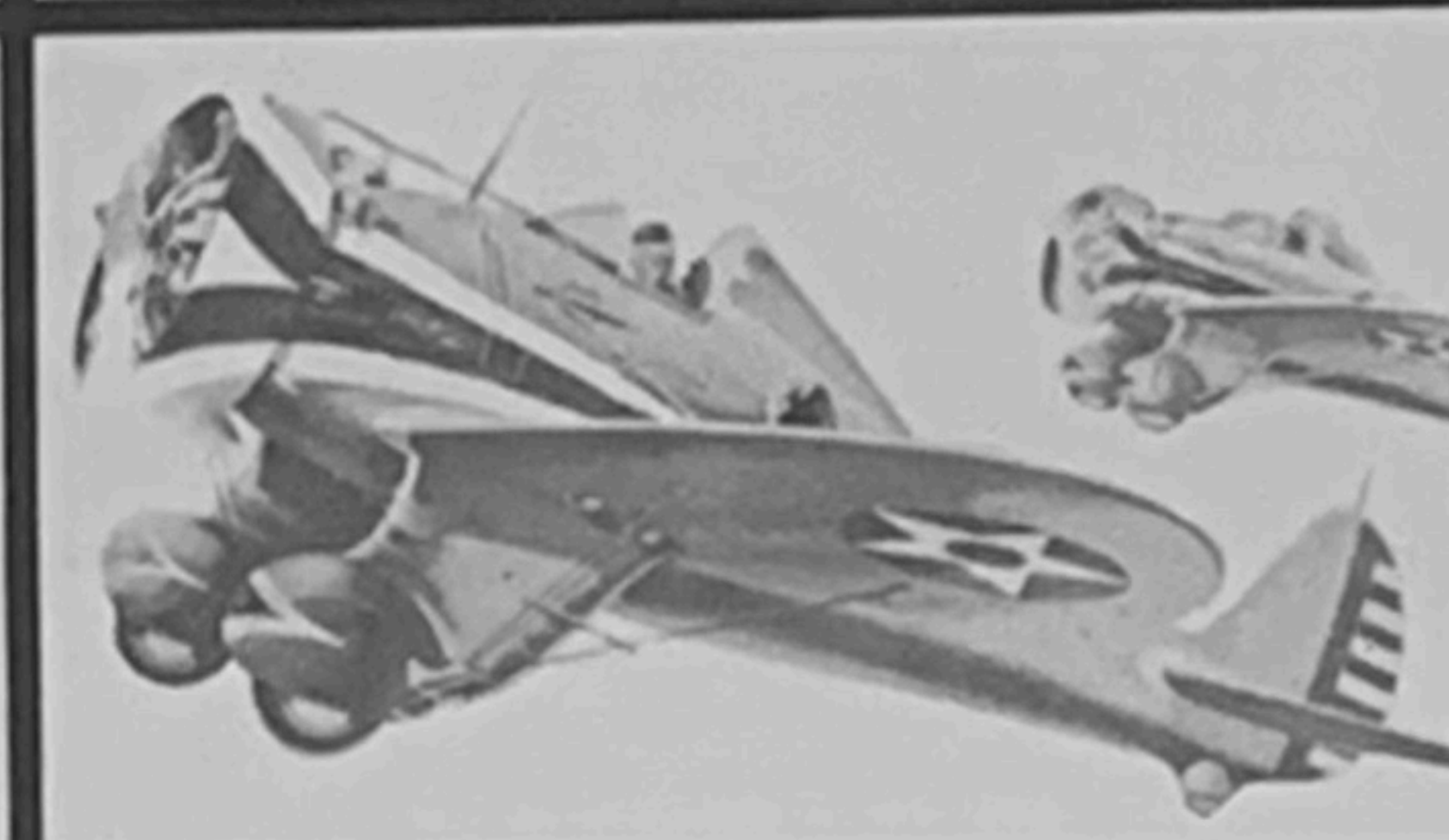
KIT NO. 111 M-2 "MAIL PLANE"

The Douglass "Mail Plane" M-2 can be referred to as the "Grand-daddy" of all the modern high speed mail ships of today. This rugged little plane flying in all kinds of weather created a tradition that has become standard operating procedure in the delivery of U. S. Airmail. Superior realism is captured in the Aurora model. Wingspan 9 3/4". Length 7". Modeled in 2 colors.



KIT NO. 115 BOEING P-26A

The Boeing P-26A was the standard fighter of the Army Air Force in 1936 and was considered the best plane of its type in the world. The unique features of a single low wing and all metal construction are still evident in our present day war planes. The Aurora version is a perfect replica of the original with a scale model wingspan of 7 3/4". Length 7".



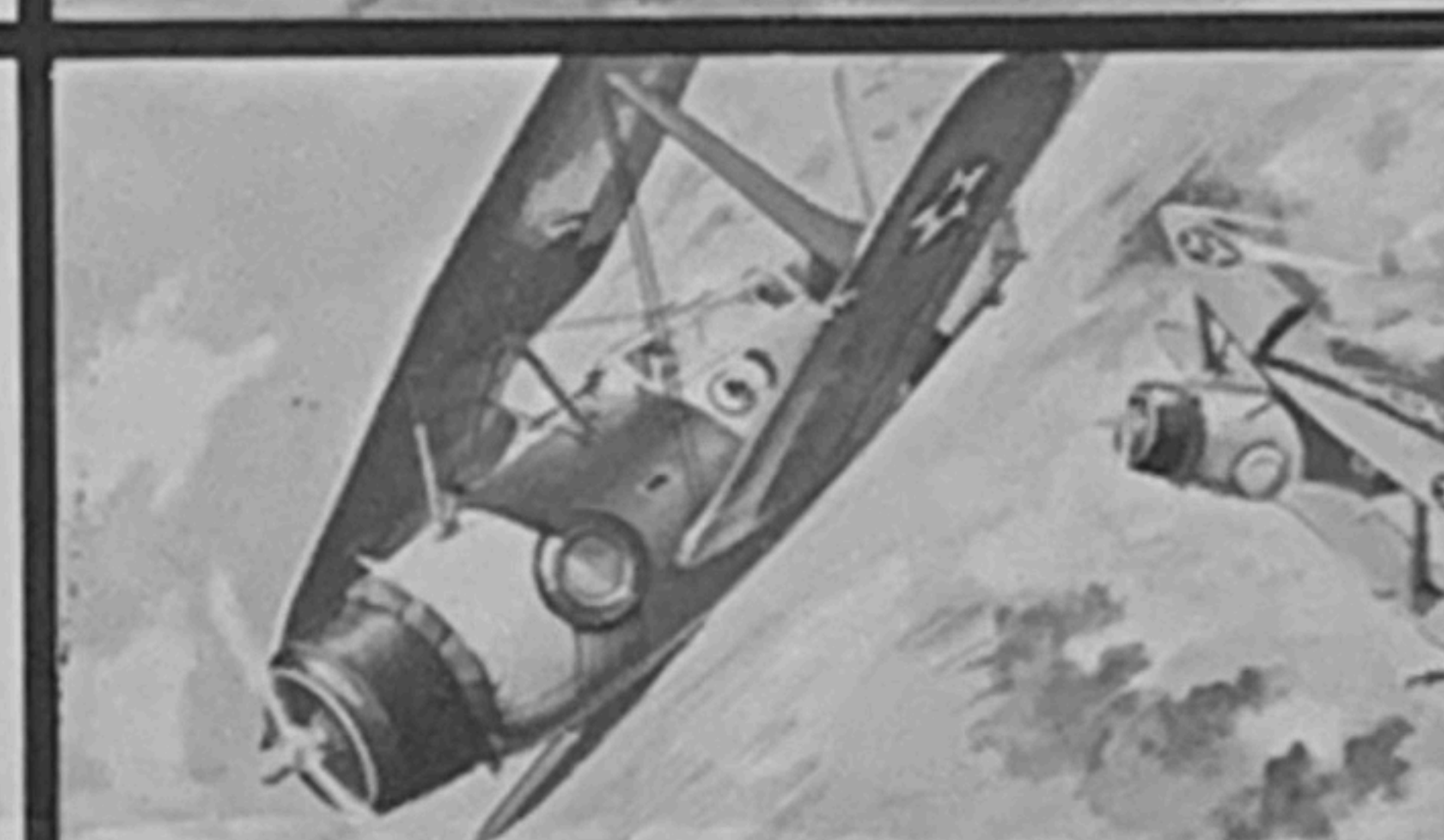
KIT NO. 116 CURTISS "HAWK" P6E

The P6E was the last production model of the famous "Hawk" designs of the Curtiss Wright Corporation. This fighter plane was one of the chief pre-war aircrafts to be used in America's defense. The insignia on the perfectly detailed Aurora model is of the famous 17th Pursuit Squadron based at Selfridge Field, Michigan. Wingspan 8 3/4". Length 6 3/4".



KIT NO. 117 CURTISS SBC 3 "HELLDIVER"

As the code letters indicate, the SBC-3 was designated as a two place scout bomber. Powered by a 425 HP Pratt and Whitney Wasp Engine, its ability to dive vertically with a bomb load soon gave this plane its name, "Helldiver." Even though the SBC-3 was adequate for the pre-war era, more "Helldiver" versions were designed and proved themselves during World War II. The Aurora model has 9 1/2" wingspan, 7 1/2" in length.



KIT NO. 121 BOEING P12E

For the Air Force pilots of the early 30's there was only one plane they wanted to fly . . . the Boeing P12E. Here was the hottest pursuit plane of its time and almost every squadron of the Air Corps used them. The Aurora model brings this exciting plane back with all the detailed features of the original. Scale model has 7 1/2" wingspan and is 5 1/4" in length.



KIT NO. 122 BOEING F4B4

The very famous Boeing F4B4 was a first line fighter of the open cockpit and goggles era. Built in the early 30's, the F4B4 was still in use when World War II broke out in Europe. The scale model features the same high quality and realism that you'll find in every kit that bears the famous Aurora trade-mark. Wingspan 7 1/2". Length 5 1/4".



FOR THE MODEL RAILROADER . . .



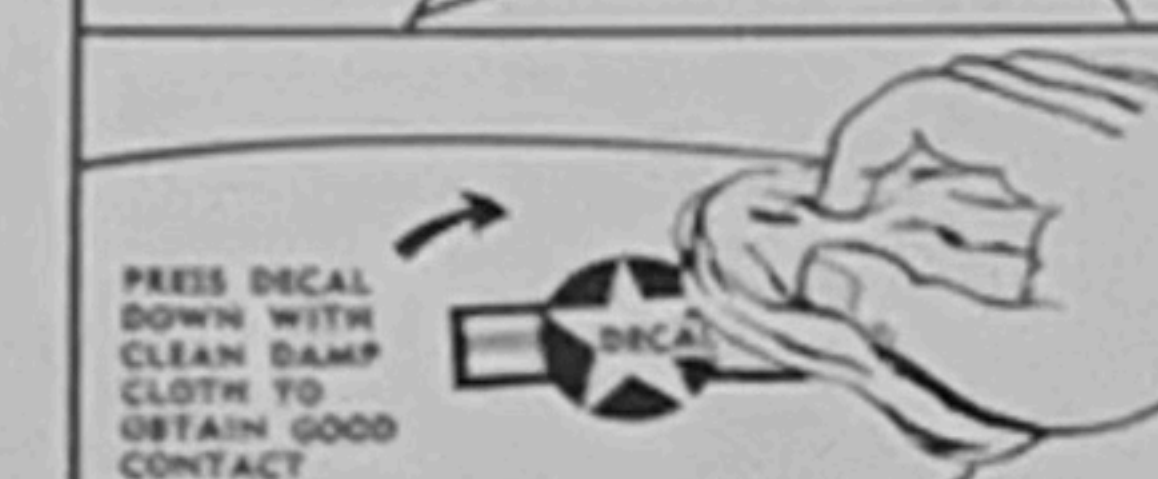
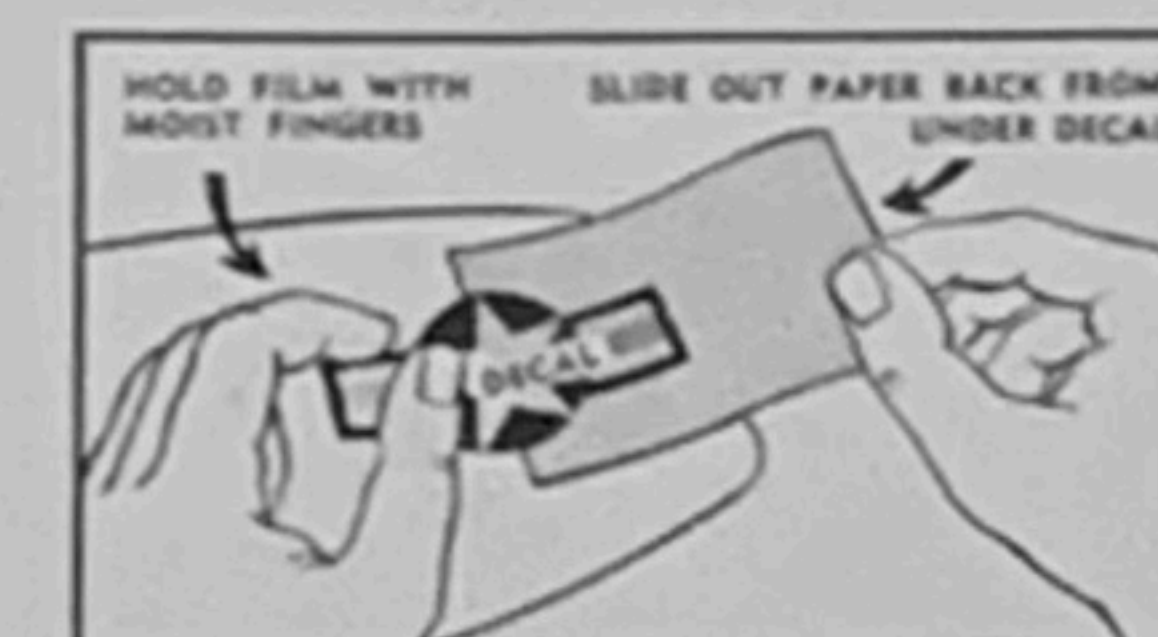
KIT NO. 651 HO TREES

Add beautiful scenic effect to your HO layout with Aurora's realistic trees. Easy to assemble, you can make your tree to whatever height you desire. Kit contains material for 8 average size trees. Molded in 2 colors.



KIT NO. 653 HO RANCH HOUSE

Give your railroad that realistic look with the popular Ranch House that is found all over America. Aurora's two color HO Gauge model is authentically designed and easily assembled with 65 pieces in kit.



1. Cut each decal from sheet separately inside of cutting lines close to design.
2. Dip each decal into water for approximately 30 seconds, and then lay on flat surface.
3. When decal comes to rest on paper backing, (DON'T FORCE!), with moist fingers slide decal onto model surface. Hold decal in this position and then slide paper backing from underneath design. (Note illustration.)
4. Press out bubbles with soft, damp cloth and allow decal contents to set.