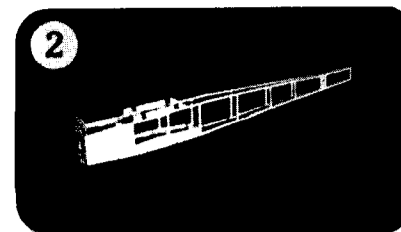
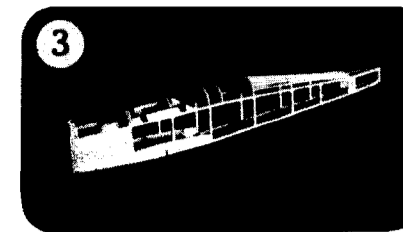


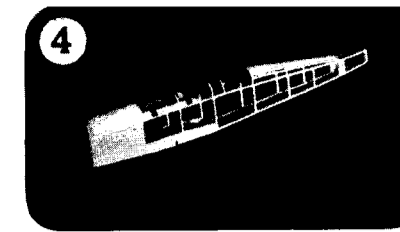
**1** BUILD THE FUSELAGE SIDE FRAMES ON THE SHADED LAYOUT OF THE FUSELAGE SIDE VIEW. USE WAX PAPER TO KEEP FRAMEWORK FROM STICKING TO PLAN. USE STRAIGHT PINS TO HOLD THE STRIPS.



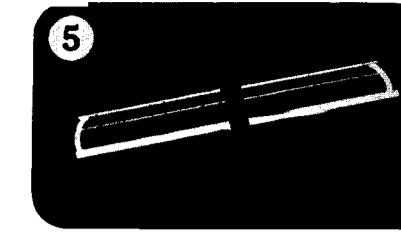
**2** WHEN SIDE FRAMES ARE DRY, GLUE FORMER F3 BETWEEN THE SIDE FRAMES. NOW GLUE BACK ENDS TOGETHER. GLUE FORMER F2 IN FRONT OF F3.



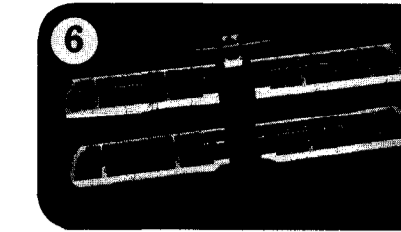
**3** WHILE THAT IS DRYING, CUT THE CROSSBRACES YOU WILL NEED 1 OF EACH. SEE NOTE NEAR FUSELAGE. GLUE THESE AND THE FORMERS TO THE SIDE FRAMES. LOOK AT THE TOP AND SIDE VIEW TO SEE WHERE THEY GO.



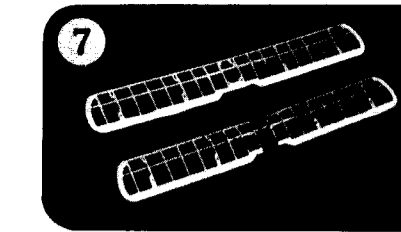
**4** TRIM THE 1/32" THIN BALSA NOSE SECTION SO THAT IT FITS BETWEEN FORMERS F4 AND F5. BEND NICELY AROUND THEM. NOW GLUE IT IN PLACE. THIN BALSA SHEET IS ALSO USED ON BOTTOM OF NOSE. GLUE IT FROM BOTTOM OF FORMER F3 TO FIRST CROSSBRACE. NOW GLUE STRINGERS IN BETWEEN FORMERS F4 TO F11. ALSO ADD PART F2 TO REAR OF FUSELAGE.



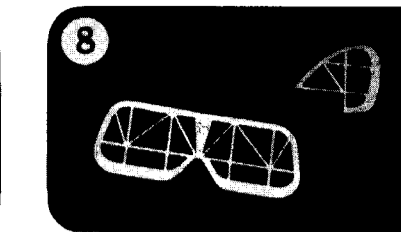
**5** BUILD THE TOP THEN THE BOTTOM WINGS ON THE SHADED LAYOUTS. PUT WAX PAPER OVER IT FIRST. PIN DOWN THE LEADING AND TRAILING EDGES. NOW GLUE IN WING STRUT RECEPTACLES. THE THINNER RECEPTACLES 1/16" WOOD MARKED W7 AND W8 ARE FOR TOP WING AND ARE GLUED AGAINST BOTTOM OF WING RIBS. THE OTHERS MARKED W14 AND W14R CAREFULLY TO BOTTOM WINGS. BUILD TOP WING CENTER NEXT.



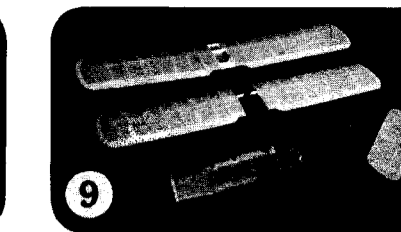
**6** GLUE ALL THE WING RIBS IN PLACE. RIBS W10 ARE COMMON RIBS IN TOP AND BOTTOM WINGS. W11 RIBS HAVE A LARGER NOTCH FOR DIHEDRAL BRACE. NEXT, GLUE IN WING STRUT RECEPTACLES. THE THINNER RECEPTACLES 1/16" WOOD MARKED W7 AND W8 ARE FOR TOP WING AND ARE GLUED AGAINST BOTTOM OF WING RIBS. THE OTHERS MARKED W14 AND W14R CAREFULLY TO BOTTOM WINGS. BUILD TOP WING CENTER NEXT.



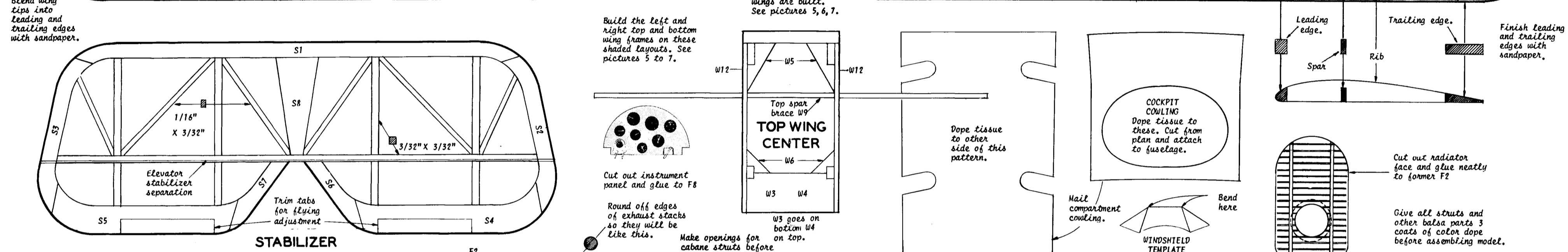
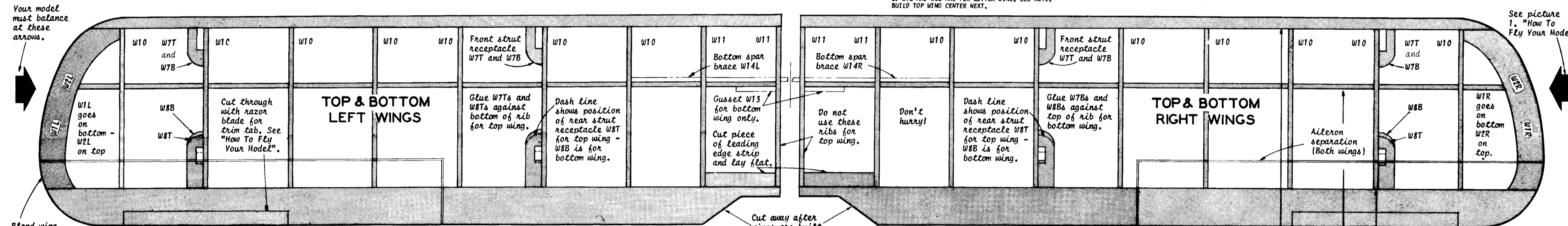
**7** WHEN WING CENTER IS DRY, GLUE THE LEFT AND RIGHT TOP WINGS TO IT. THE TOP SPAR BRACE W9 HAS THE DIHEDRAL ANGLE IN IT FOR YOU, SO GLUE IT IN CAREFULLY. WHEN DRY, ROUND THE LEADING AND TRAILING EDGES OF TOP AND BOTTOM WINGS WITH RAZOR OR KNIFE BLADE AND FINISH WITH SANDPAPER. GLUE IN BOTTOM SPAR BRACES W14 AND W14R CAREFULLY TO BOTTOM WINGS. SEE NOTE. BUILD TOP WING CENTER NEXT.



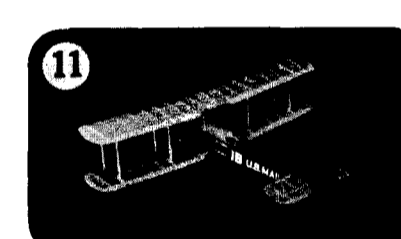
**8** BUILD THE STABILIZER AND RUDDER OVER THE PLAN AS YOU DID THE FUSELAGE SIDES. WHEN DRY, FINISH WITH SANDPAPER. ALL OF YOUR AIRPLANE'S FRAMEWORK MUST BE SANDING SMOOTH BEFORE YOU COVER IT WITH TISSUE. THERE SHOULD BE NO LUMPS OF GLUE, BUMPS OR SHARP EDGES.



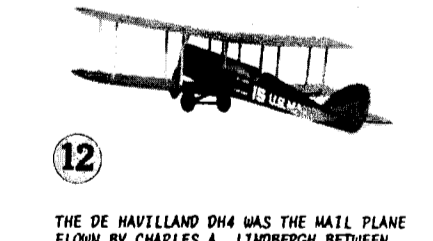
**9** COVER ALL OF YOUR AIRPLANE PARTS WITH TISSUE AS ILLUSTRATED IN "HOW TO COVER YOUR MODEL WITH TISSUE" LEAFLET SUPPLIED IN KIT. BE SURE TO LEAVE THE CENTER SECTION OF THE TOP WING (TOP SIDE ONLY) UNCOVERED SO THAT CABANE STRUTS CAN BE GLUED SOLID TO IT.



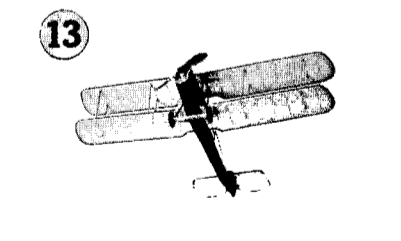
**10** GLUE THE CABANE STRUTS SECURELY TO TOP LONGERON OF FUSELAGE. WHEN DRY, INSERT CABANE STRUT TIPS INTO RECEPTACLES OF WING CENTERS. GLUE TIPS TO RIBS AND RECEPTACLES. WHEN DRY, GLUE THE W11 AND W12 WING STRUTS UNDER THE LEFT SIDE (ONE SIDE AT A TIME) OF THE TOP WING - JUST AS YOU SEE IT HERE. INSERT THE STRUT INTO THE RECEPTACLES AND AGAINST THE RIB - JUST ENOUGH GLUE! NOW YOU CAN PUT ON THE LEFT BOTTOM WING - AND SO ON.



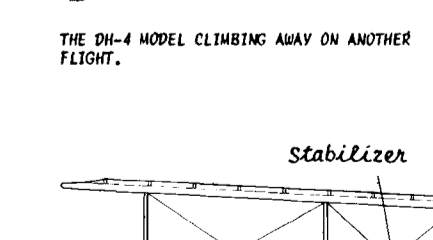
**11** THIS IS THE WAY YOUR DH-4 LOOKS WHEN IT'S FINISHED. WIRE BRACING AND EXHAUST STACKS ARE NOT PUT ON IF MODEL IS TO BE FLOWN. HOWEVER, THESE SHOULD BE ADDED IF THE MODEL IS GOING TO BE USED FOR EXHIBITION. BECAUSE OF THE WIDE ACCLAIM OF THE HISTORIC FIRST TRANSCONTINENTAL AIR MAIL FLIGHT OF 33 HOURS 20 MINUTES IN 1911, THE DH4 MARKED THE BEGINNING OF U.S. CIVIL AVIATION. NOW THE MAJOR U.S. AIRLINES WERE BORN - THE DH4 SYMBOLIZES THAT SIGNIFICANT EVENT.



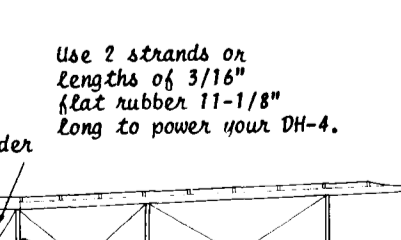
**12** THE DE HAVILLAND DH4 WAS THE MAIL PLANE FLOWN BY CHARLES A. LINDBERGH BETWEEN CHICAGO, ILL., AND ST. LOUIS, MO., A YEAR BEFORE HIS FAMOUS TRANS-ATLANTIC FLIGHT.



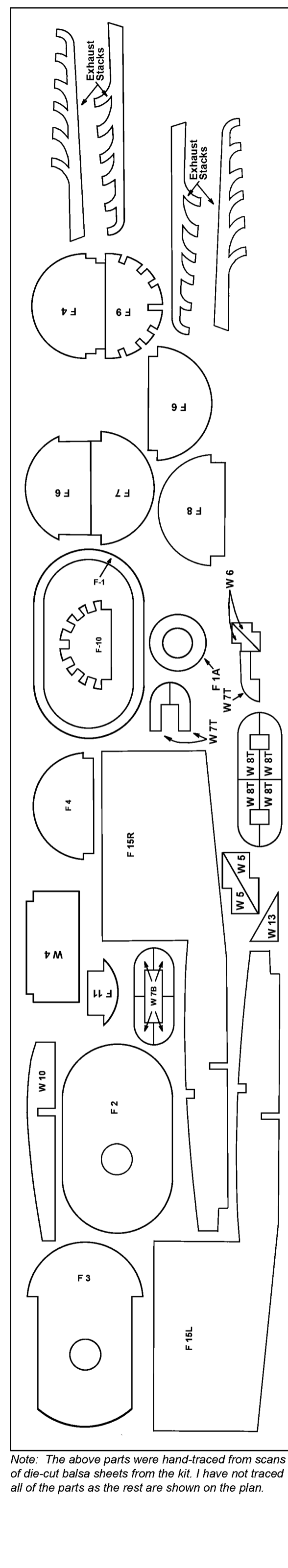
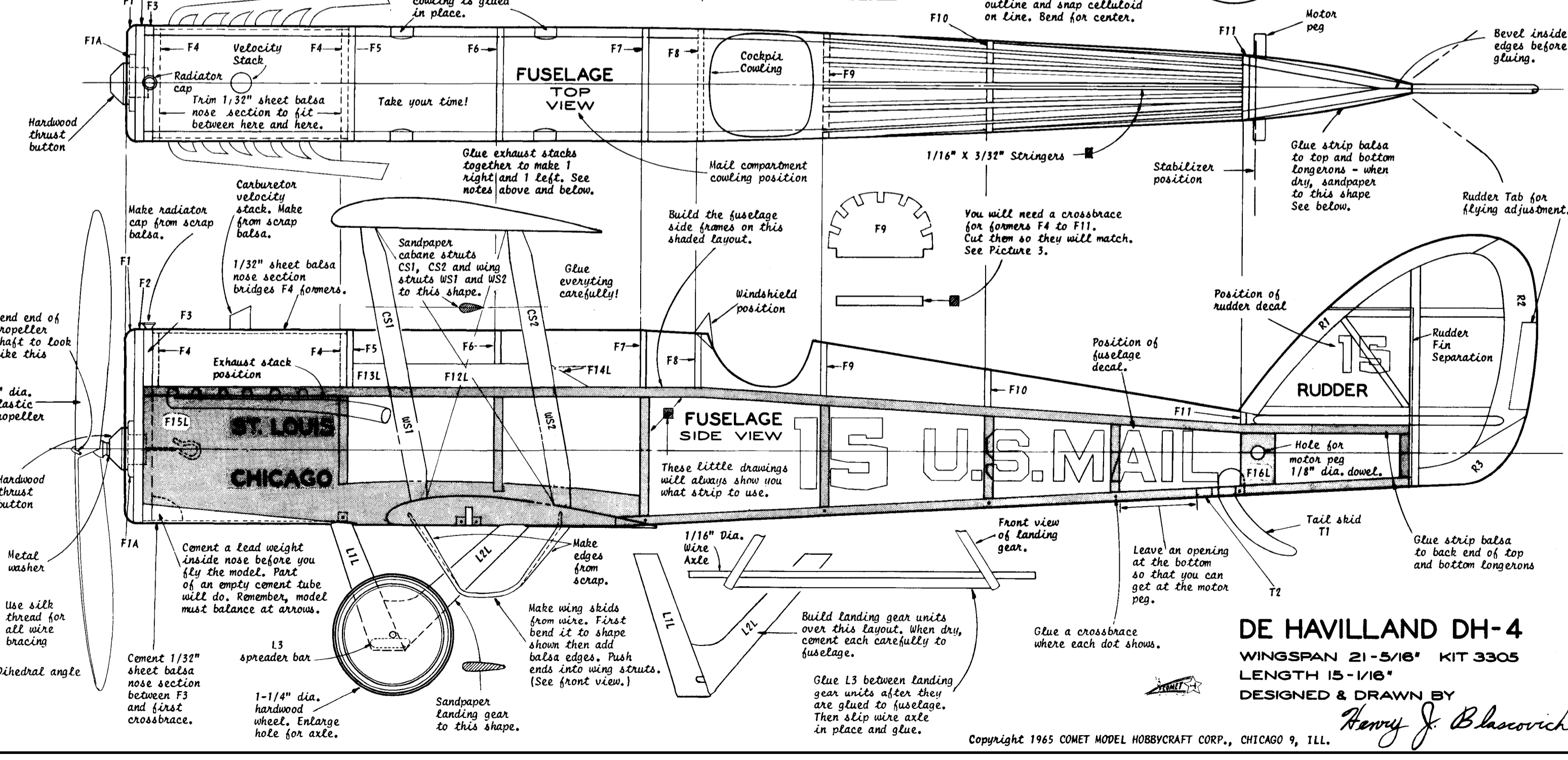
**13** THE DH-4 MODEL CLIMBING OVERHEAD.



**14** THE DH-4 MODEL CLIMBING AWAY ON ANOTHER FLIGHT.



**Color Scheme**  
Fuselage and rudder Black, red or blue  
Wing and stabilizer Yellow, white or orange



300E \*ON LHM  
**15 U.S. MAIL**  
ST. LOUIS CHICAGO  
**15 U.S. MAIL**  
ST. LOUIS CHICAGO

Note: All of the above copy is red except for the number "15" which is blue. The color values are that of the American flag.

**DE HAVILLAND DH-4**  
WINGSPAN 21-5/16" KIT 3305  
LENGTH 15-1/16"  
DESIGNED & DRAWN BY  
*Henry J. Blascovich*

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