

STAB IS 1/16" SQUARE STRIP THAT IS WET FORMED TO SHAPE  
ONLY COVER THE TOP SIDE

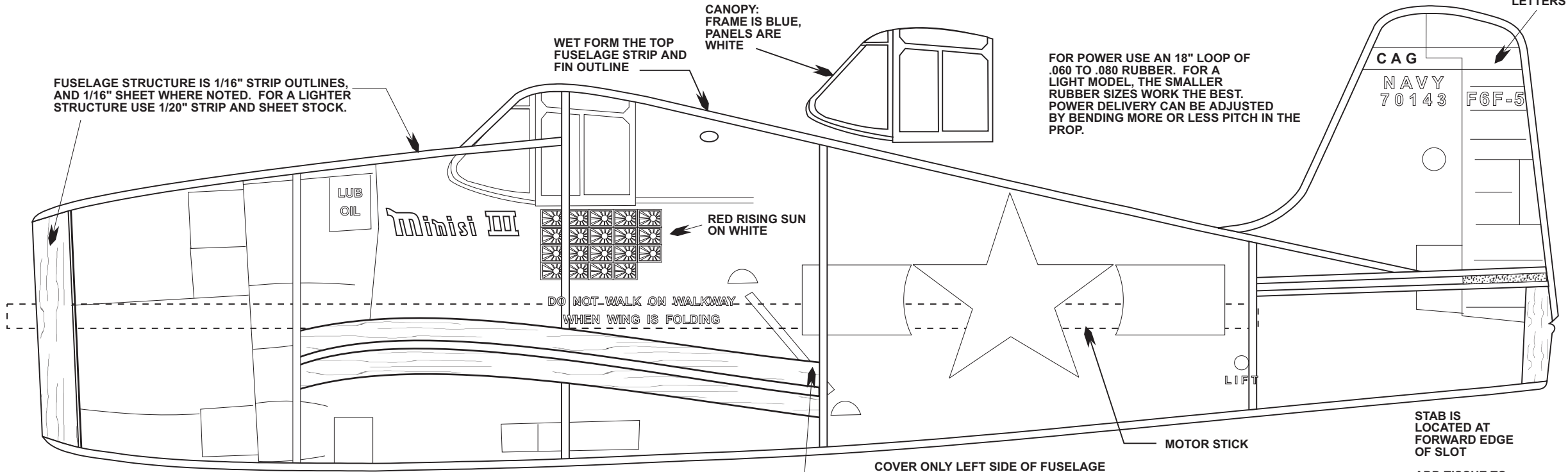
FUSELAGE STRUCTURE IS 1/16" STRIP OUTLINES, AND 1/16" SHEET WHERE NOTED. FOR A LIGHTER STRUCTURE USE 1/20" STRIP AND SHEET STOCK.

WET FORM THE TOP FUSELAGE STRIP AND FIN OUTLINE

CANOPY: FRAME IS BLUE, PANELS ARE WHITE

FOR POWER USE AN 18" LOOP OF .060 TO .080 RUBBER. FOR A LIGHT MODEL, THE SMALLER RUBBER SIZES WORK THE BEST. POWER DELIVERY CAN BE ADJUSTED BY BENDING MORE OR LESS PITCH IN THE PROP.

WHITE STRIP & BLACK LETTERS



IF A PLASTIC PROP IS USED, USE A 6" PROP, OR A 7" PROP CUT TO 6". SHAVE TO LIGHTEN.



# F6F-5 HELLCAT

## FAC NO-CAL SCALE

DESIGNED BY PAUL & RALPH BRADLEY  
DRAWN BY PAUL BRADLEY 3/93  
SHEET 1 OF 3 FROM INTERNET DOWNLOAD

WING L.E & T.E. IS 1/16" SQUARE SANDED TO A TRIANGULAR SHAPE AFTER ASSEMBLY

RED NAVIGATION LIGHT

WING TIPS ARE CUT FROM 1/16" SHEET. NO RIB AT THE WING TIP. COVERING TAPERS TO A FLAT TIP SECTION.

WING CENTER SECTION IS FLAT. ADD 1" DIHEDRAL UNDER EACH WING TIP. ADD DIHEDRAL AND GUSSETS AFTER WING IS COVERED.

WING IS COVERED ON THE TOP SIDE ONLY

GREEN NAVIGATION LIGHT

WING IS COVERED ON THE TOP SIDE ONLY

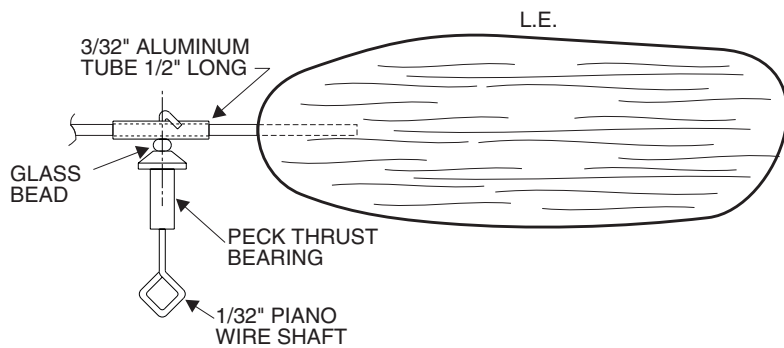
DIHEDRAL BREAK REFERENCE

WING RIBS ARE SLICED FROM 1/16" SHEET. TRIM FROM THE TRAILING EDGE AS RIBS ARE FITTED INTO PLACE



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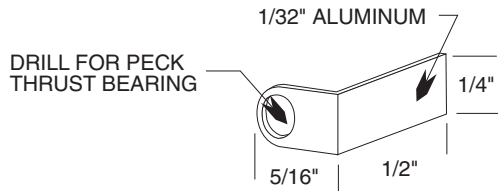


PROP BLADES ARE 1/32" SHEET FORMED ON A 3" CYLINDER. SET EACH BLADE WITH THE LEADING EDGE 15 DEGREES LEFT FROM VERTICAL ON THE CYLINDER. MAKE 2 IDENTICAL BLADES FOR THE PROP ASSEMBLY. PROP SPARS ARE MADE FROM BAMBOO ROUNDED TO 1/16" DIAMETER. A GOOD SOURCE FOR BAMBOO IS SHISH KABOB SKEWERS. GLUE THE SPARS INTO THE ALUMINUM TUBE. USE REGULAR MODEL AIRPLANE CEMENT FOR THIS SO PITCH ADJUSTMENTS CAN BE MADE BY SOFTENING THE GLUE WITH ACETONE.

### COLOR SCHEME

ALL BLUE TISSUE WITH WHITE NATIONAL INSIGNIA AND LETTERING. PANEL LINES AND CONTROL SURFACE LINES ARE BLACK.

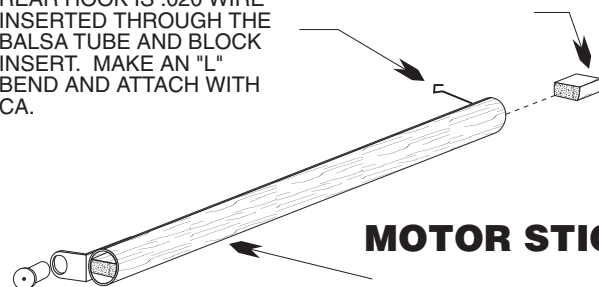
WHITE AREAS CAN BE GENERATED BY OUTLINING AREA AND THEN APPLYING BLEACH INSIDE THE LINES.



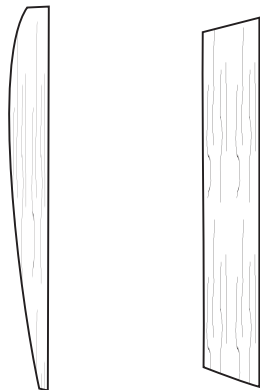
### PROP HANGER DETAIL

REAR HOOK IS .020 WIRE INSERTED THROUGH THE Balsa TUBE AND BLOCK INSERT. MAKE AN "L" BEND AND ATTACH WITH CA.

1/8" X 1/2" BLOCK INSERTED IN EACH END OF THE ROLLED TUBE.



MOTOR STICK IS A ROLLED 1/32" Balsa TUBE 9 1/2" LONG FORMED ON A 1/4" DOWEL. IT IS GLUED TO THE RIGHT SIDE OF THE FUSELAGE STRUCTURE AFTER THE STRUCTURE IS COVERED.



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