

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

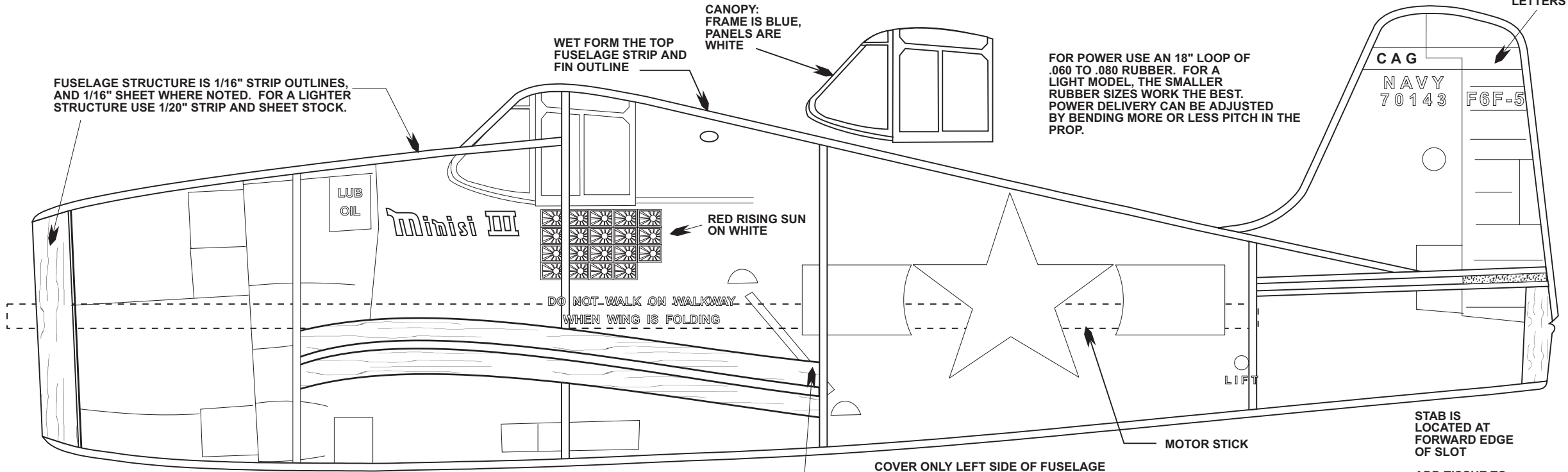
FUSELAGE STRUCTURE IS 1/16" STRIP OUTLINES, AND 1/16" SHEET WHERE NOTED. FOR A LIGHTER STRUCTURE USE 1/20" STRIP AND SHEET STOCK.

WET FORM THE TOP FUSELAGE STRIP AND FIN OUTLINE

CANOPY: FRAME IS BLUE, PANELS ARE WHITE

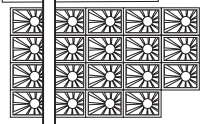
FOR POWER USE AN 18" LOOP OF .060 TO .080 RUBBER. FOR A LIGHT MODEL, THE SMALLER RUBBER SIZES WORK THE BEST. POWER DELIVERY CAN BE ADJUSTED BY BENDING MORE OR LESS PITCH IN THE PROP.

WHITE STRIP & BLACK LETTERS



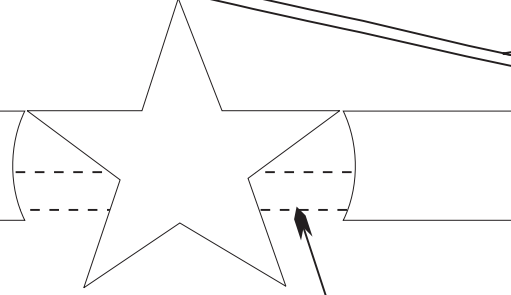
LUB OIL

Mitsubishi



RED RISING SUN ON WHITE

DO NOT WALK ON WALKWAY WHEN WING IS FOLDING



LIFT

MOTOR STICK

CAG
NAVY
70143 F6F-5

STAB IS LOCATED AT FORWARD EDGE OF SLOT

ADD TISSUE TO SHADED AREA AFTER STAB IS IN PLACE

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

WHITE STRIP

COVER ONLY LEFT SIDE OF FUSELAGE



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.

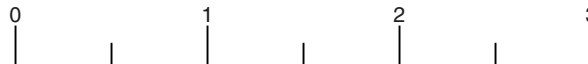
WING IS COVERED ON
THE TOP SIDE ONLY

GREEN
NAVIGATION
LIGHT

WING IS COVERED ON
THE TOP SIDE ONLY

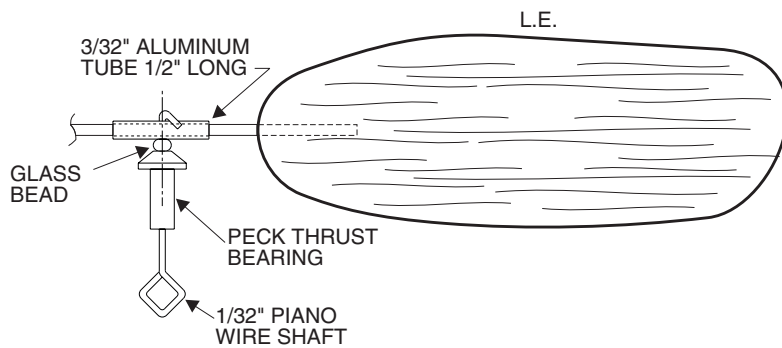
DIHEDRAL BREAK
REFERENCE

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



F6F-5 HELLCAT FAC NO-CAL SCALE

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SHEET 2 OF 3 FROM INTERNET DOWNLOAD

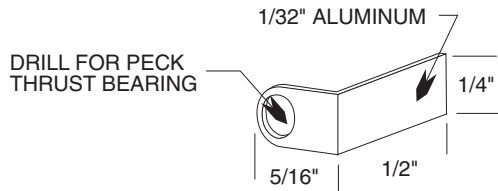


PROP BLADES ARE 1/32" SHEET FORMED ON A 3" CYLINDER. SET EACH BLADE WITH THE LEADING EDGE 15 DEGREES LEFT FROM VERTICAL ON THE CYLINDER. MAKE 2 IDENTICAL BLADES FOR THE PROP ASSEMBLY. PROP SPARS ARE MADE FROM BAMBOO ROUNDED TO 1/16" DIAMETER. A GOOD SOURCE FOR BAMBOO IS SHISH KABOB SKEWERS. GLUE THE 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.

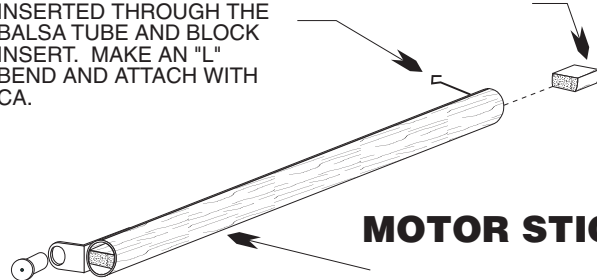
WHITE AREAS CAN BE GENERATED BY OUTLINING AREA AND THEN APPLYING BLEACH INSIDE THE LINES.



PROP HANGER DETAIL

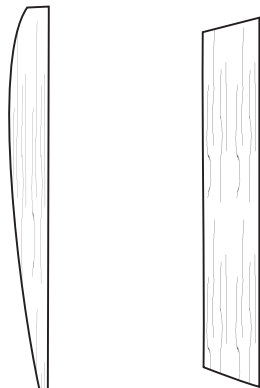
REAR HOOK IS .020 WIRE INSERTED THROUGH THE Balsa TUBE AND BLOCK INSERT. MAKE AN "L" BEND AND ATTACH WITH CA.

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



MOTOR STICK

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.



**F6F-5 HELLCAT
FAC NO-CAL SCALE**

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