

IF A PLASTIC PROP
IS USED, A 6" PROP OR
A 7" PROP CUT
DOWN TO 6" IS BEST.
SCRAPE TO LIGHTEN.

YELLOW FORWARD
OF THE SPINNER
SEPARATION

RED

GRAY BELOW THIS LINE

ALL OUTLINES ARE 1/16"
SQUARE Balsa. WET
FORM CURVED AREAS.

COLORING:

OVERALL COLOR IS OLIVE DRAB.
NATIONAL INSIGNIA SURROUND IS BLUE.
LETTERING IS WHITE. EIGHT BALL IS
BLACK. SPINNER AND TIP OF FIN ARE
YELLOW. SHARK MOUTH IS OUTLINED IN
RED. BOTTOM IS GRAY.

YELLOW ABOVE
THIS LINE

FILLER - INSTALL AFTER
STAB IS GLUED IN SLOT



P-400/P-39

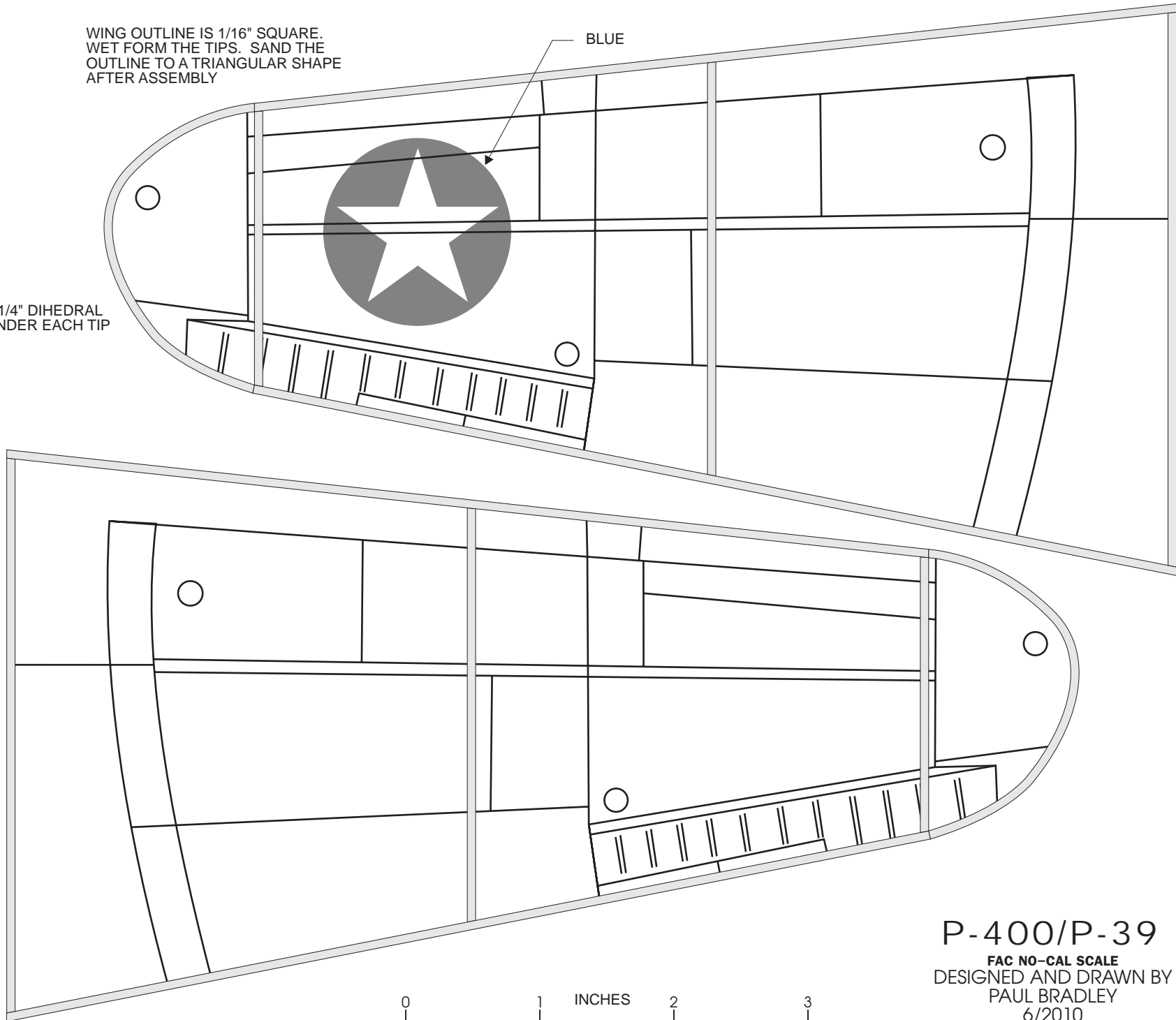
FAC NO-CAL SCALE
DESIGNED AND DRAWN BY
PAUL BRADLEY
6/2010

SHEET 1 OF 4 FROM INTERNET DOWNLOAD

WING OUTLINE IS 1/16" SQUARE.
WET FORM THE TIPS. SAND THE
OUTLINE TO A TRIANGULAR SHAPE
AFTER ASSEMBLY

BLUE

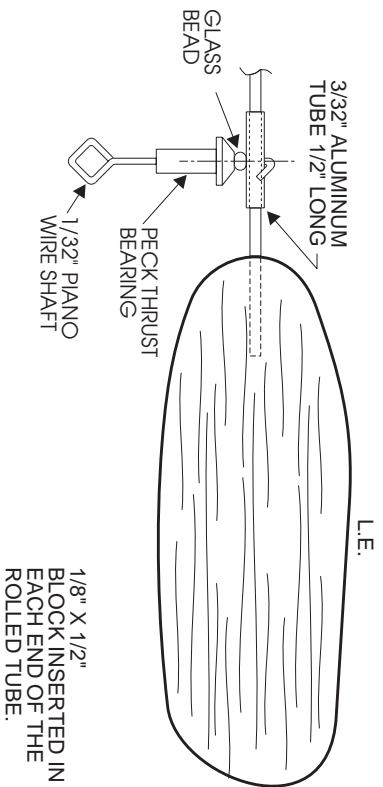
1 1/4" DIHEDRAL
UNDER EACH TIP



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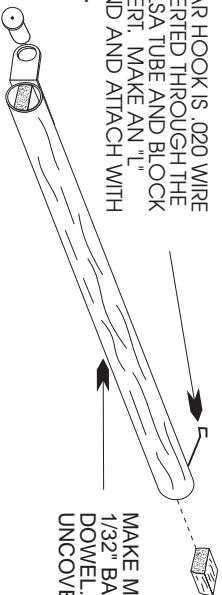
SHEET 2 OF 4 FROM INTERNET DOWNLOAD



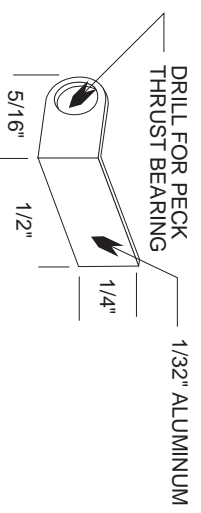
PROP BLADES ARE 1/32" SHEET FORMED ON A 3" CYLINDER. SET EACH BLADE WITH THE LEADING EDGE 15 DEGREES LEFT FROM VERTICAL ON THE CYLINDER. MAKE 2 IDENTICAL BLADES FOR THE PROP ASSEMBLY. PROP SPARS ARE MADE FROM BAMBOO ROUNDED TO 1/16" DIAMETER. A GOOD SOURCE FOR BAMBOO IS SHISH KABOB SKEWERS. GLUE THE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

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

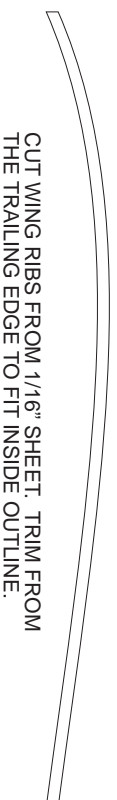
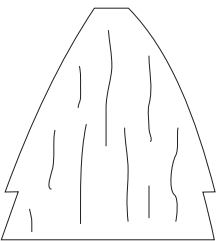
MAKE MOTOR STICK FROM ROLLED 1/32" BALSAM FORMED ON A 1/4" DOWEL. IT IS GLUED TO THE UNCOVERED SIDE OF THE FUSELAGE.



MOTOR STICK



PROP HANGER DETAIL



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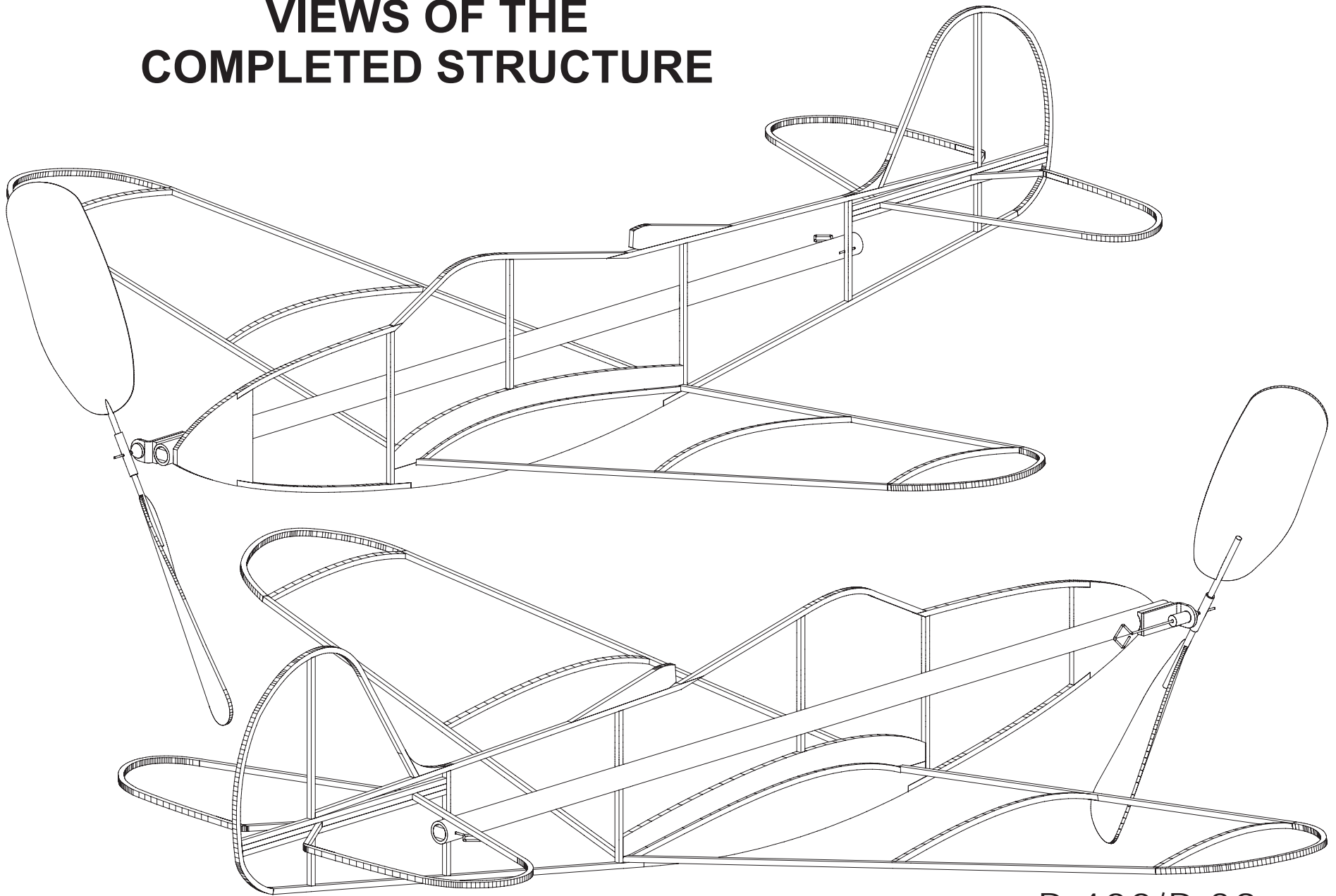
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VIEWS OF THE COMPLETED STRUCTURE



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