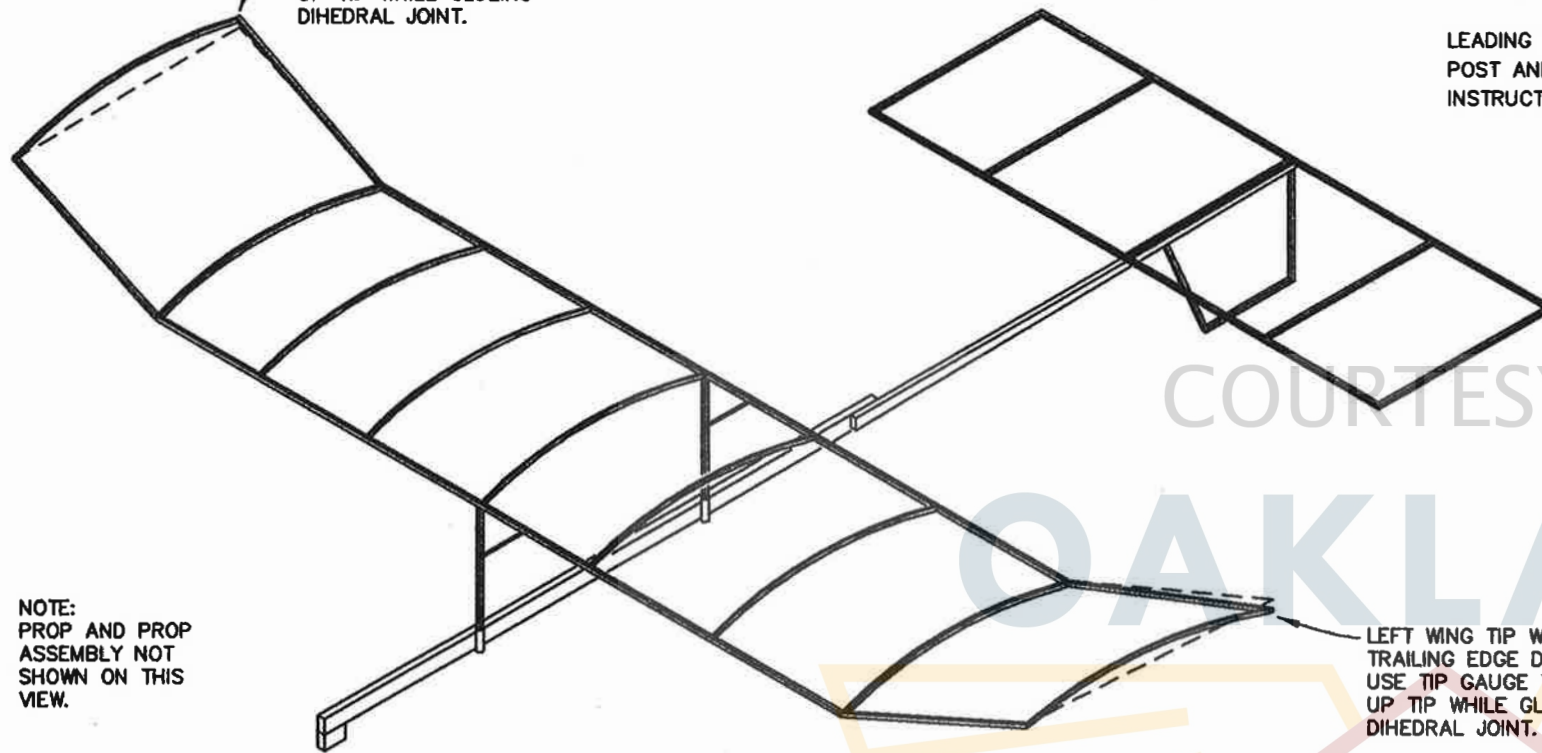


RIGHT WING TIP WASHOUT TRAILING EDGE UP 1/8" USE TIP GAUGE TO PROP UP TIP WHILE GLUEING DIHEDRAL JOINT.



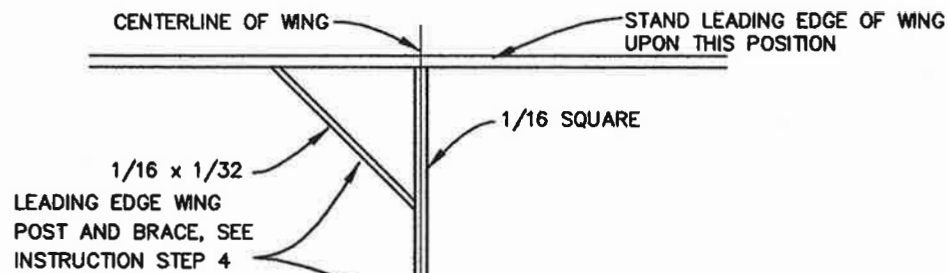
NOTE: PROP AND PROP ASSEMBLY NOT SHOWN ON THIS VIEW.

LEFT WING TIP WASHIN TRAILING EDGE DOWN 1/8" USE TIP GAUGE TO PROP UP TIP WHILE GLUEING DIHEDRAL JOINT.

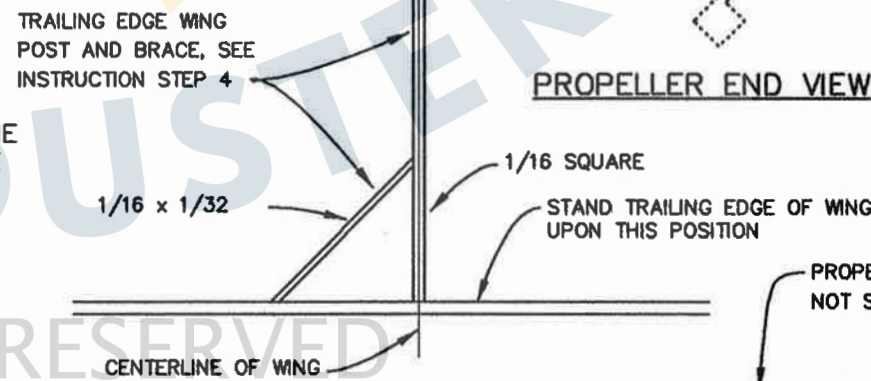
INSTRUCTIONS:

1. SELECT THE 3/16x3/32 TAPERED Balsa TAIL BOOM, PIN TO PLANS AND BUILD THE VERTICAL TAIL DIRECTLY ONTO IT. WHEN DRY, REMOVE FROM PLANS AND COVER ON ONE SIDE ONLY, (THE RIGHT HAND SIDE).
2. CONSTRUCT THE HORIZONTAL TAIL FROM 1/20 SQ. STOCK. WHEN DRY, REMOVE FROM PLANS AND COVER THE TOP SURFACE ONLY, THEN GLUE TAIL TO THE TAIL BOOM (CENTERED ON THE BOOM).
3. CUT 1/8x1/4 Balsa MOTOR STICK AND SPACER BLOCK TO CORRECT LENGTH, TACK GLUE THE PROP ASSEMBLY ALUMINUM TUBE TO THE SPACER BLOCK, (ANGLE THE TUBE FOR A SLIGHT TURN TO THE LEFT) THEN BIND AND GLUE THE PROP ASSEMBLY AND SPACER TO THE MOTOR STICK. GLUE THE REAR HOOK IN PLACE, GLUE THE TAIL BOOM COMPLETE WITH TAIL ONTO THE MOTOR STICK WHERE INDICATED ON THE FUSELAGE SIDE VIEW.
4. CONSTRUCT WING IN THREE SECTIONS FROM 1/16 SQ. Balsa LEADING AND TRAILING EDGES AND 1/32 SHEET Balsa RIBS. DO NOT GLUE THE DIHEDRAL JOINTS. COVER THE TOP SURFACE ONLY OF THE WING TIPS AND TRIM OFF EXCESS MATERIAL, LEAVING ABOUT 1/8" EXCESS MATERIAL AT THE DIHEDRAL RIB, THEN COVER THE CENTER SECTION OF THE WING. WITH WING CENTER SECTION PINNED IN PLACE TO THE PLANS, RAISE THE TIPS WITH THE TIP BLOCKS, (LETTING THE EXTRA COVERING MATERIAL LAY ON TOP OF THE CENTER SECTION). GLUE THE DIHEDRAL JOINTS, AND TACK GLUE THE EXCESS MATERIAL TO THE TOP OF THE CENTER SECTION. THIS WILL ASSURE THE PROPER WASHIN AND WASHOUT AND DIHEDRAL ANGLE. WHEN GLUE IS DRY, REMOVE FROM PLAN AND STAND ON ITS LEADING EDGE ON THE LEADING EDGE WING POST PLAN. CUT LEADING EDGE WING POST TO LENGTH AS SHOWN AND GLUE TO LEADING EDGE ON THE CENTERLINE OF THE WING. (NOTE THAT THE LEADING AND TRAILING POSTS ARE DIFFERENT LENGTHS), THEN CUT AND FIT THE ANGLED BRACE. THE TRAILING EDGE POST IS DONE IN THE SAME MANNER ON THE TRAILING EDGE WING POST PLAN.
5. ASSEMBLE PROP ONTO HUB, TIE THE ENDS OF THE RUBBER MOTOR IN A SQUARE KNOT, (MAKE LOOP AS LONG AS POSSIBLE) HOOK MOTOR TO PROP SHAFT AND REAR MOTOR HOOK, (KNOT IN BACK) AND LET IT HANG DOWN BETWEEN THEM. BALANCE THE MOTOR STICK, COMPLETE WITH TAIL, PROP AND MOTOR, ON YOUR FINGER AND MARK THE BALANCE POINT ON THE SIDE OF THE FUSELAGE. THIS POINT IS THE CENTER OF THE WING ASSEMBLY. CAREFULLY MEASURE EQUAL DISTANCES ON EACH SIDE OF THIS MARK TO LOCATE THE WING MOUNTING TUBES, THEN GLUE THEM TO THE MOTOR STICK. PRESS THE WING POSTS INTO THE WING POST TUBES. DO NOT GLUE THEM IN PLACE, FRICTION IS ENOUGH TO HOLD WING ON. SET BOTH WING POSTS ALL THE WAY TO THE BOTTOM OF THE TUBES TO START, THEY CAN BE ADJUSTED LATER FOR INCIDENCE ANGLE.

6. NOW YOU ARE READY TO FLY. LUBRICATE THE MOTOR WITH RUBBER LUBE, STRETCH WIND IT, AND LET IT GO -- VERY GENTLY -- HAVE A GOOD TIME!

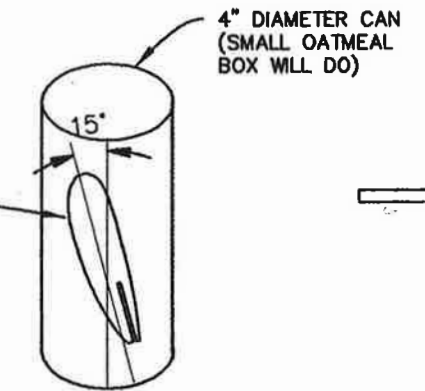


LEADING EDGE WING POST PLAN



TRAILING EDGE WING POST PLAN

SOAK BLADES IN WATER AND THEN WRAP WITH GAUZE ONTO THE CAN WITH A 15° OFFSET AS SHOWN. BAKE IN A 200° OVEN FOR 20 MINUTES TO DRY, THEN GLUE ON TO PROPELLER SPAR AS NOTED BELOW.



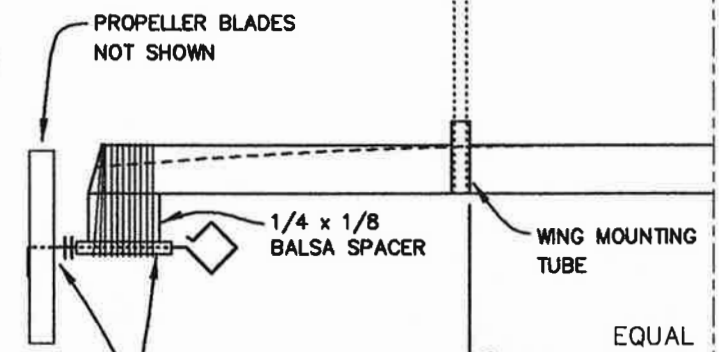
FORMED BLADE DETAIL

SET PROPELLER BLADES AT A 45° ANGLE TO START. THEN ADJUST FOR MAXIMUM EFFICIENCY



PROPELLER END VIEW

PROP HUB AND SHAFT ASSEMBLY BIND AND GLUE ALUMINUM TUBE TO MOTOR STICK AS SHOWN. ANGLE TUBE TO OFFSET THRUST LINE TO THE LEFT SLIGHTLY.



MOFFETT NO. 1
AMA LIMITED PENNYPLANE

DESIGNED BY GEORGE XENAKIS
REDRAWN AND KITTED BY

KMODELS K-304

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SHEET 2 OF 2 SHEETS

MATCH LINE FOR PLANS
CUT SHEET 2 ON THIS LINE AND TAPE TO SHEET 1
MATCHING WING AND MOTOR STICK LINES