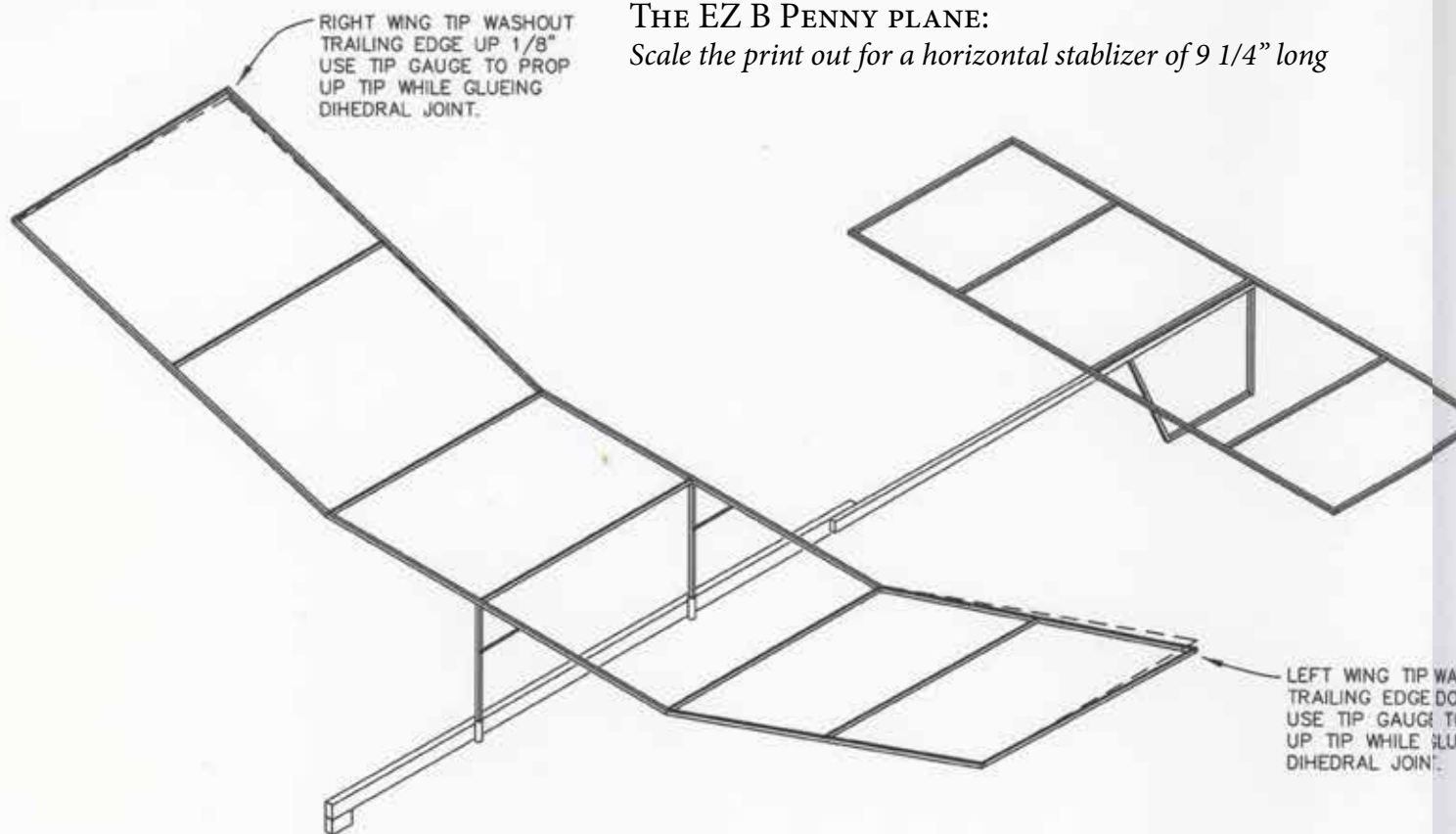


## THE EZ B PENNY PLANE:

Scale the print out for a horizontal stabilizer of 9 1/4" long



### INSTRUCTIONS:

1. SELECT 3/16x3/32 TAPERED 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 TO CORRECT LENGTH, GLUE ON THE NOSE PIECE, THEN BIND AND GLUE THE PROP ASSEMBLY TO IT AS SHOWN. 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 FROM 1/16 SQ. Balsa LEADING AND TRAILING EDGES AND 1/16 x 1/32 Balsa RIBS. DO NOT GLUE THE DIHEDRAL JOINTS. COVER THE TOP SURFACE ONLY OF THE WING FROM ONE PIECE OF PLASTIC MATERIAL, GLUEING THE COVERING TO THE OUTER FRAME OF THE WING AND TO THE RIBS AT THE DIHEDRAL JOINTS. TRIM OFF EXCESS. WITH WING CENTER SECTION PINNED IN PLACE TO THE PLANS, BLOCK UP THE TIPS WITH THE TIP GAUGES AND GLUE THE DIHEDRAL JOINTS. 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 POST AND BRACE PLAN. CUT 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 POST AND BRACE 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. SAND THE ENDS OF THE WING POSTS ROUND FOR A SNUG FIT IN THE 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.
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!

NOTE: DO NOT  
GLUE PROPELLER  
INTO HUB. FRICTION  
FIT IS SUFFICIENT  
AND ALLOWS THE  
BLADES TO BE  
FOR PROPER P