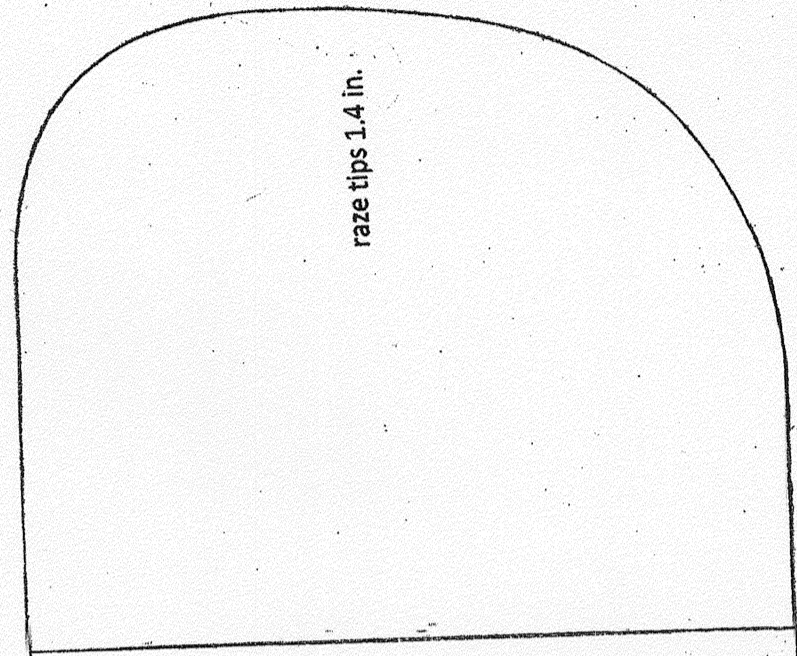


Prop. 13.0 x 25  
 Spar. .050 x .050 x 13.0  
 To .030 sq.  
 Blades. .007 low 4.0# Stk.  
 Shaft. .0090

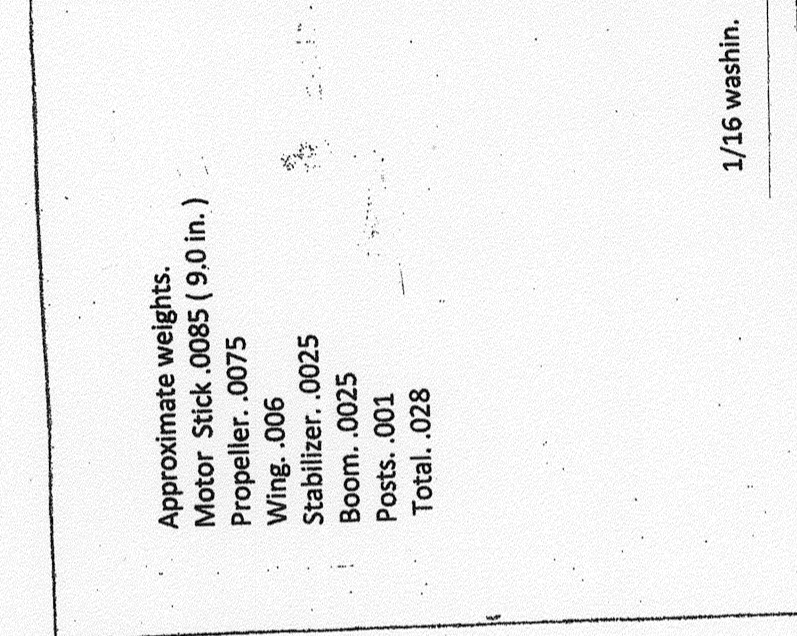
55 years ago the Intermediate Stick was king, enter, ceiling Categories and the preference Soon shifted to smaller models, A-Rog, Eazy B, Penny Plane, etc. This model is a long overdue Breath of fresh air. Rules are Simple and fair, for all.



Approximate weights.  
 Motor Stick .0085 (9.0 in.)  
 Propeller. .0075  
 Wing. .006  
 Stabilizer. .0025  
 Boom. .0025  
 Posts. .001  
 Total. .028

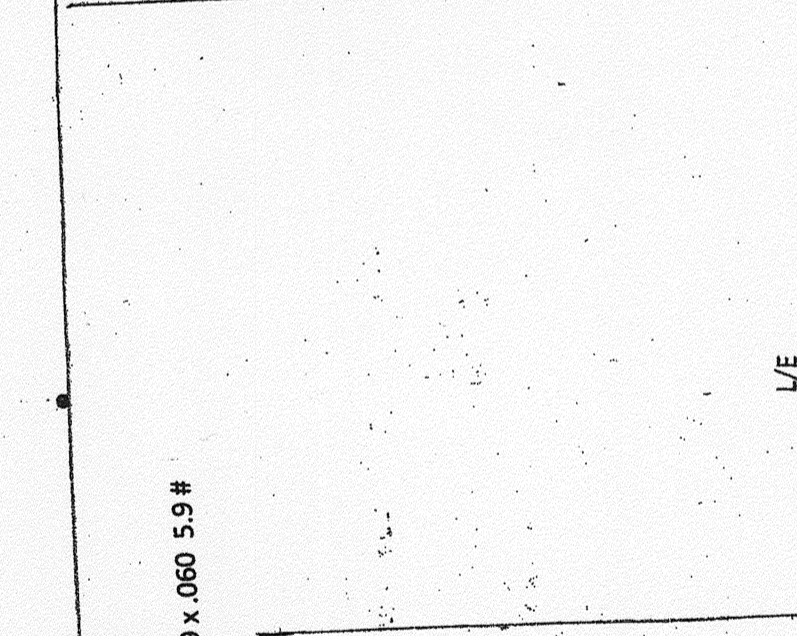
raze tips 1.4 in.

1/16 washin.



Cut, weight, and document all component parts prior to assy. estimate glue & covering. The above may take longer than actual construction, however well worth the effort.

JIM RICHMANS DENSITY FORMULA  
 108 X WT.  
 DIV. BY L X W X T = DENSITY OF ANY RECTANGULAR SHAPE.  
 ALL ABOVE IN DECIMALS.

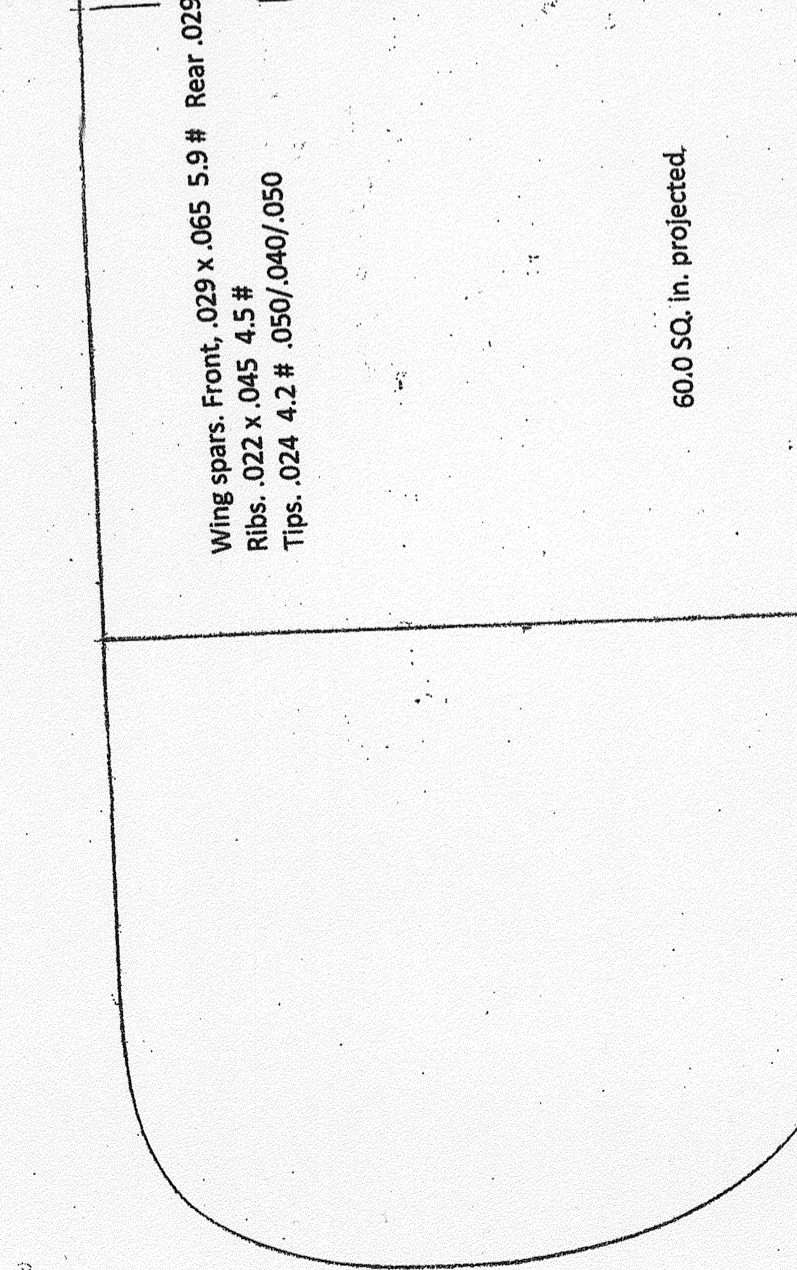


Wing spars. Front, .029 x .065 5.9 # Rear .029 x .060 5.9 #  
 Ribs. .022 x .045 4.5 #  
 Tips. .024 4.2 # .050/.040/.050

60.0 SQ. in. projected.

L/E

MODIFICATION TO THIS PLAN ARE ENCOURAGED



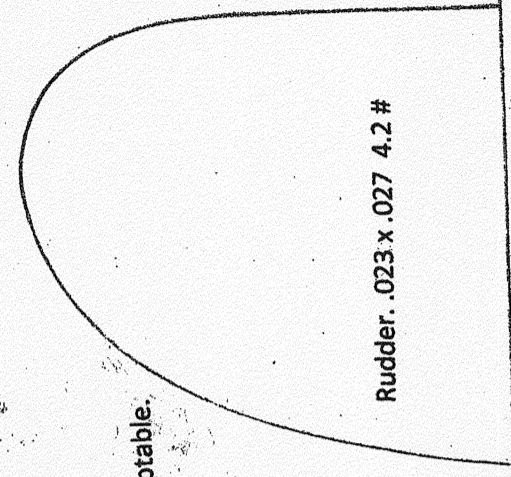
tail tilt 1/4 in.

Stab. Spar. .020 x .035 4.5#  
 Ribs. .014 x .030 4.5#  
 Rnd. .024 x .028 4.5 #

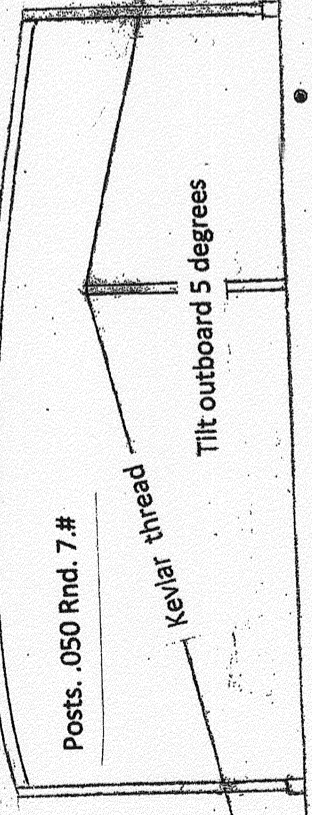
26.16 sq. in.

X-16 INTERMEDIATE STICK.  
 A step up to higher performance.

Monoplane.  
 The maximum wing span shall not exceed 16.0 in. ( 40.64 c/m )  
 The maximum wing cord shall not exceed 4.0 in. ( 10.16 c/m )  
 The stabilizer area shall not exceed 50% of the projected wing area.  
 Complete model without the rubber motor shall weigh a minimum of .0280 Oz. (.8 gr.)  
 Propeller shall be fixed pitch. Hubs that permit manual blade and pitch change are acceptable.  
 Covering. Plastic film or paper, microfilm is not allowed.  
 No gadgets of any type permitted.  
 There are no other restrictions.



Rudder. .023 x .027 4.2 #



Posts. .050 Rnd. 7. #

Kevlar thread

Tilt outboard 5 degrees

Soft plug, .190 x .250

holding points (2)  
 .040 dia. 6 #

M/S .013 C grain 4.5 #  
 Roll on 3/16 dia rod.

Harlan FID thrust bearing.  
 Insert .015, set 3 deg. Left.

short plug  
 Tissue tube .125 ID  
 plug to fit x .850,  
 taper exposed end to .100

Plug in solid boom recommended for 1'st. model.  
 .100 x .075 to .055 sq. 6.0 # Wt. .0025

boom. .009 4.2 #  
 Roll on Harlan form.