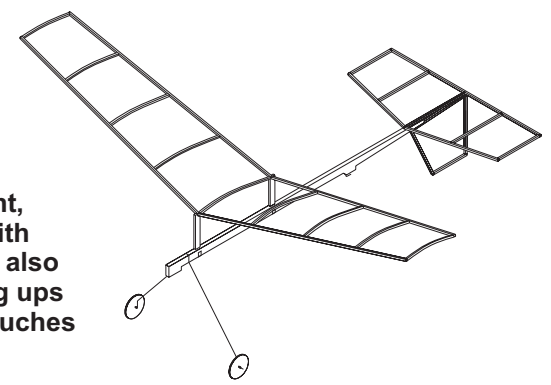


Wing LE and TE are 1/16" strip stock. Only one rib is used at the center joint. This is added after the wing panels are joined.

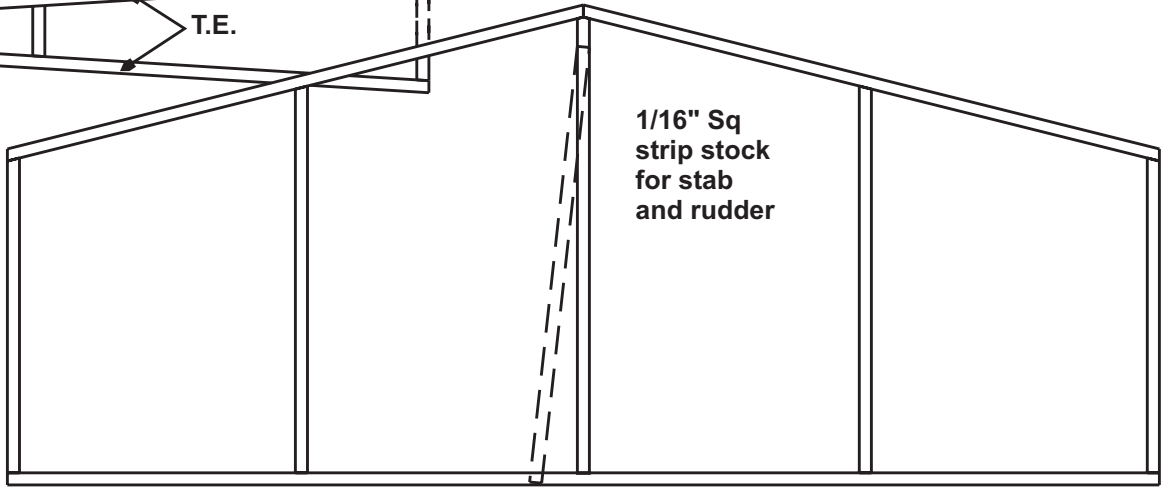
2" Dihedral under each tip. Be sure to keep this amount, it not only helps with flying stability, but also helps prevent hang ups when the model touches the ceiling.



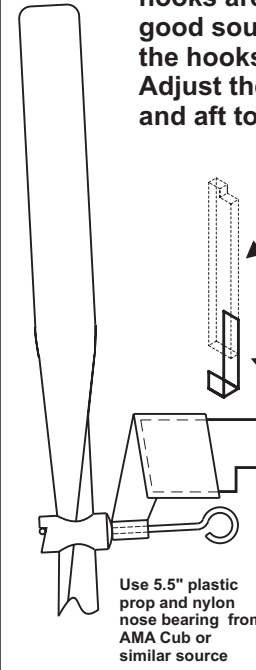
Wing is held to fuselage with "J" hooks. The hooks are made from thin aluminum sheet. A good source is aluminum rain gutter stock. Glue the hooks to the pylons, but not the fuselage. Adjust the fit to allow the wing to move fore and aft to adjust the CG.



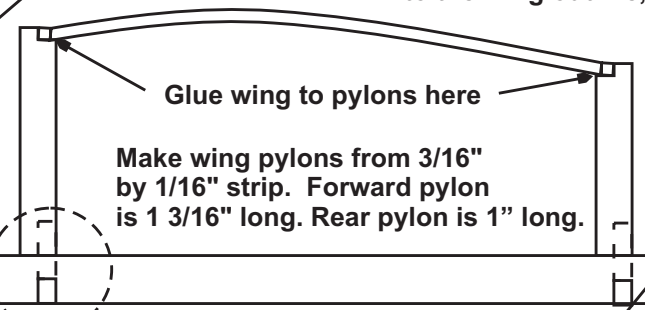
Ribs are stripped from 1/16" sheet. Cut all ribs the same size to start. When fitting them to the wing outline, trim from the trailing edge.



1/16" Sq strip stock for stab and rudder



Use 5.5" plastic prop and nylon nose bearing from AMA Cub or similar source



Make wing pylons from 3/16" by 1/16" strip. Forward pylon is 1 3/16" long. Rear pylon is 1" long.

Glue wing to pylons here

A good starting point on rubber is a 15" loop of 1/16"

Cover the model with tissue on one side only. DO NOT WATER SHRINK!

For competition, the model must conform to the plan outline. No modifications are allowed to the plastic prop and bearing assembly other than flash removal and balancing through the addition of weight to the light prop blade.

Fuselage is cut from 1/8" sheet

Blatter "40"
 Designed by Al Blatter
 Original Drawing by JAM 1/73
 Redrawn by Steve Wilson
 CAD version by Paul Bradley 1/97

Use .015 - .020" wire for landing gear and rear motor hook.

3/4" Balsa Wheels cut from 1/32" sheet. Rolled tissue paper tube for hubs. Use a drop of glue on end of axle.

Note: Rudder mounts with 1/4" offset for left turn. See stab drawing.