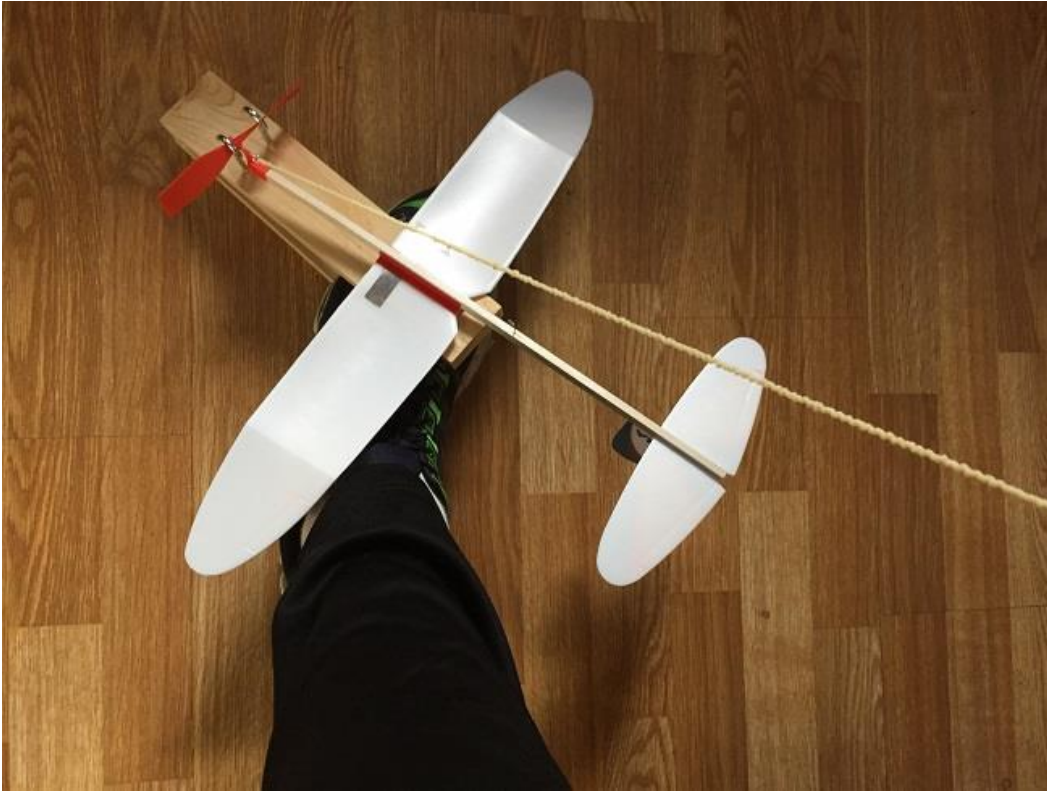


Step-On Stooage for the AMA Alpha [and other small Freeflight rubber-powered models]

The Step-On Stooage allows fliers to stretch wind long rubber motors without being a two-person task-



- 1) Materials- 2 ea $\frac{3}{4}$ " x 2" x 11" pine, 1ea 2" T-hinge assembly (w/screws), 2 ea 2" cast steel hooks.
- 2) Tools- Drill (1/8 drill bit), screw driver, ruler, pencil



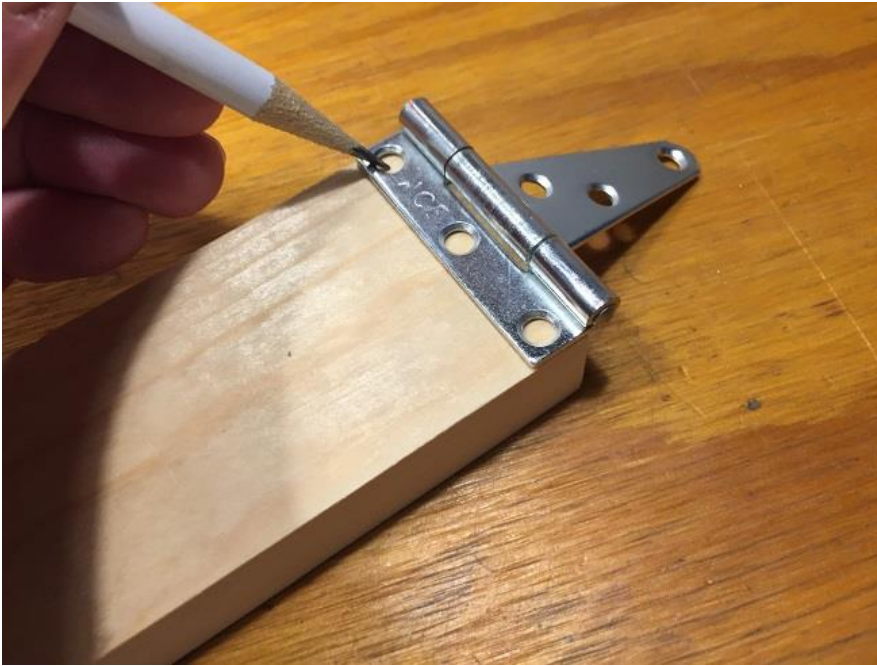
3) Close-up view of Hardware-



4) Cut two pieces of wood to 3/4" thick x 2" wide x 11" long-



5) Mark the hole locations at the top-end of the first wood section-



6) Mark the same for the opposite section of wood. Be cautious to leave the hinge pin space at the end to rotate. Once all the holes are marked, drill the holes using a bit slightly smaller than the wood screw diameter-



7) Turn the screws with a screwdriver to mount the hinge onto both wood sections-



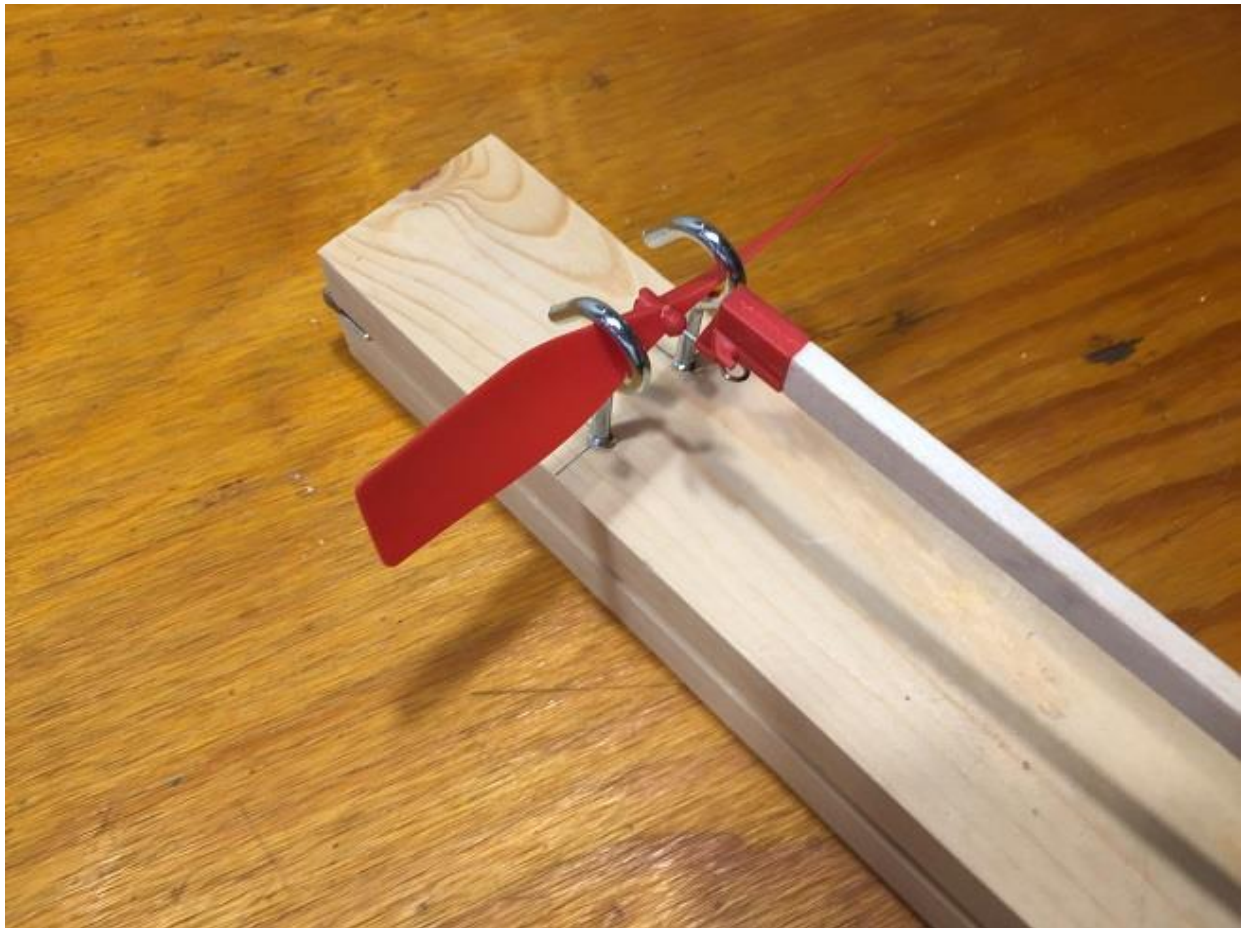
8) Assembly should appear as on left below. When closed it will look like the picture right and below-



- 9) Mark two points on the top side (reverse side of long hinge section). The points will be 3" from the hinge end x $\frac{1}{2}$ " from the sides. Drill one hole through each point-



- 10) Once the two holes are drilled, bolt-on the two hooks. DO NOT screw these deep enough to be exposed on the reverse side-



11) Step on the bottom wood section and then nest the prop into the hooks. You are ready to begin stretch winding the motor-



Top view of application-

