

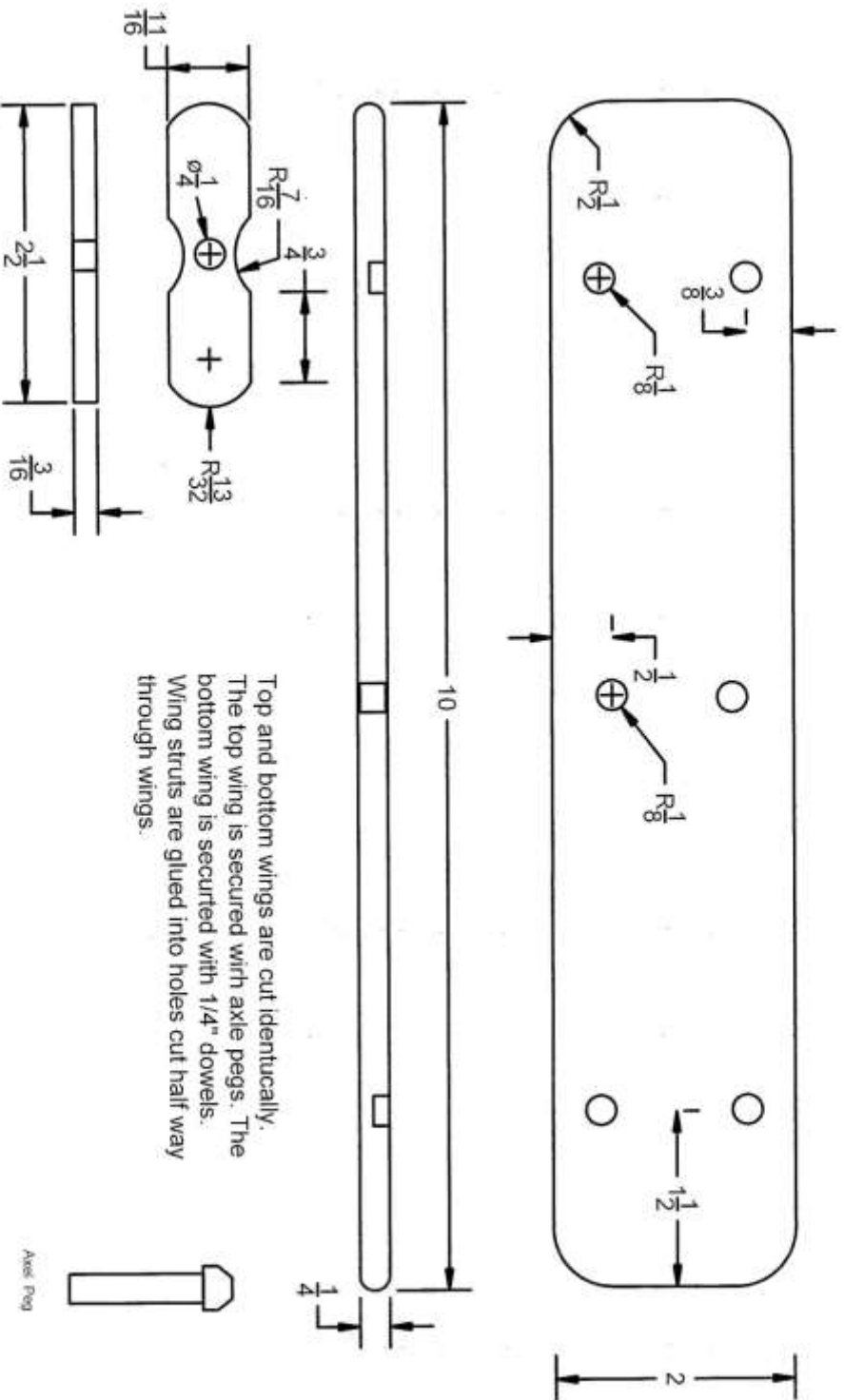
Biplane 61015

Jim Gulley - 2015



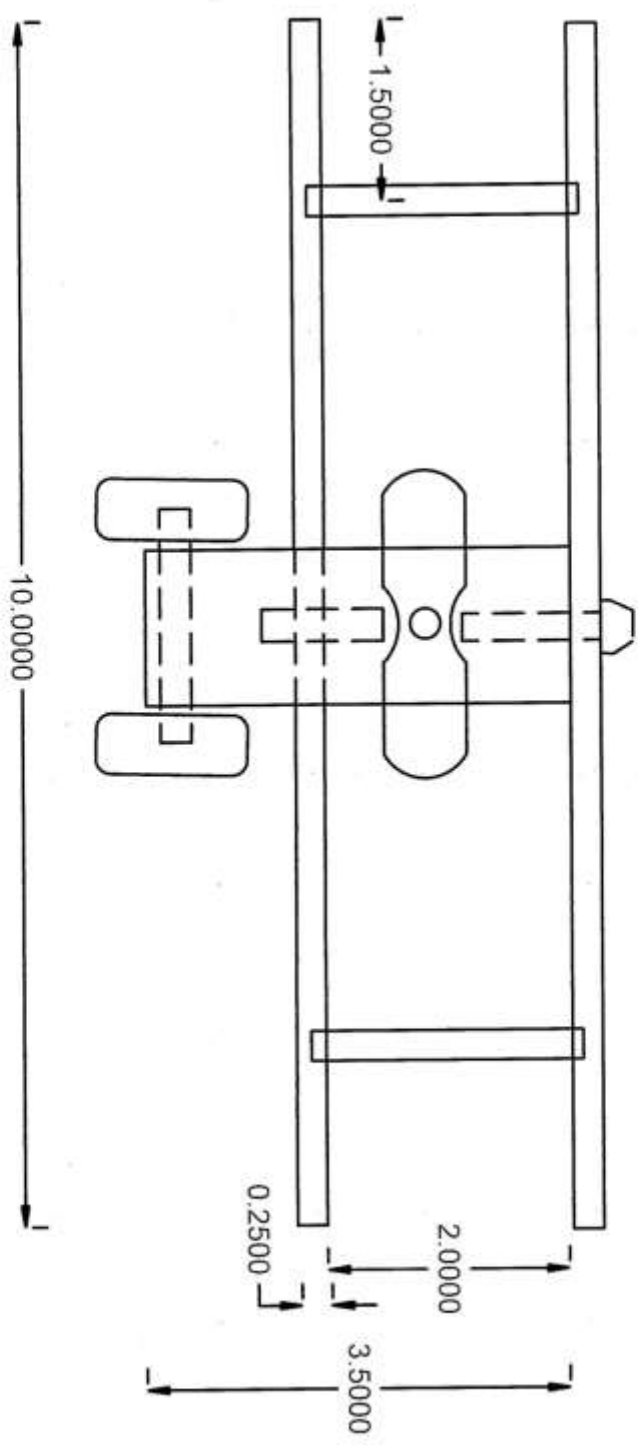
Biplane Wings and Propeller

Jim Gulley 2015



Biplane Front View

Jim Gulley 2015



Manufacturing Notes

- I cut the space for the lower wing by first cutting off the lower wheel carriage and then cut the wing slot with a dado blade.
- Next, I aligned and drilled holes in the body and the wheel carriage to accommodate the hidden dowels through the lower wing. Because of the table saw kerf, some slight re-shaping of the edges of the wheel carriage is necessary to have a smooth transition. I love my oscillating spindle sander.
- Hidden dowels secure lower wing and wheel carriage.
- Upper and lower wings are identical.
- Propeller must be made from hardwood for strength.
- Edges of fuselage are routed with $\frac{1}{4}$ " round over bit.
- Wings edges are routed with $\frac{1}{8}$ " round over bit.
- I used a Forestner bit to drill holes half way through the wings for the struts.
- Wheels are glued to $\frac{1}{4}$ " dowel which rotate freely through the fuselage.
- Finish with sanding sealer, light sanding, and then Clear Coat or other approved finishes.