

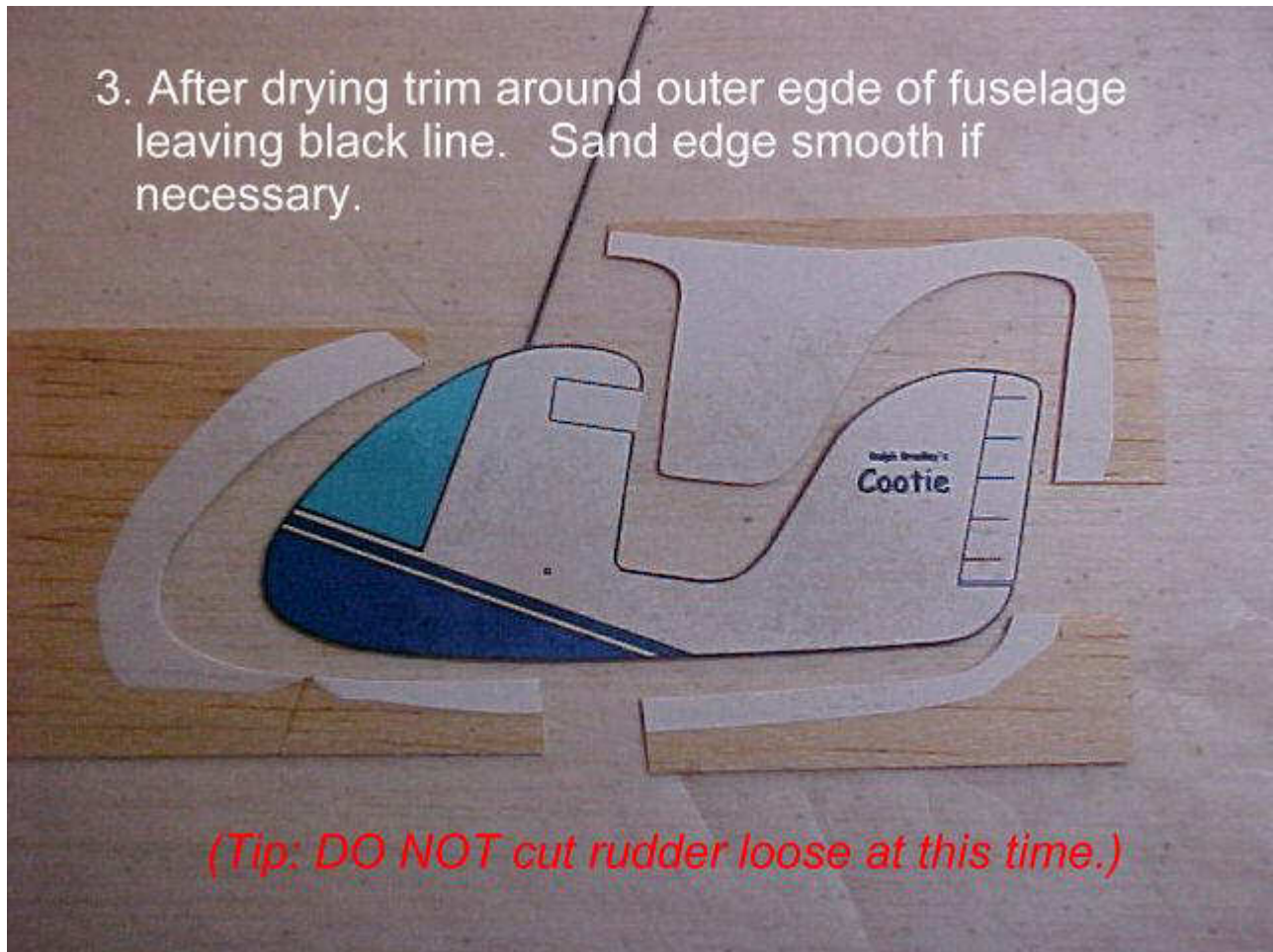
1. Insert 1mm Carbon Rod into slot in 1/32 balsa sheet. Glue with CA and sand smooth when dry.

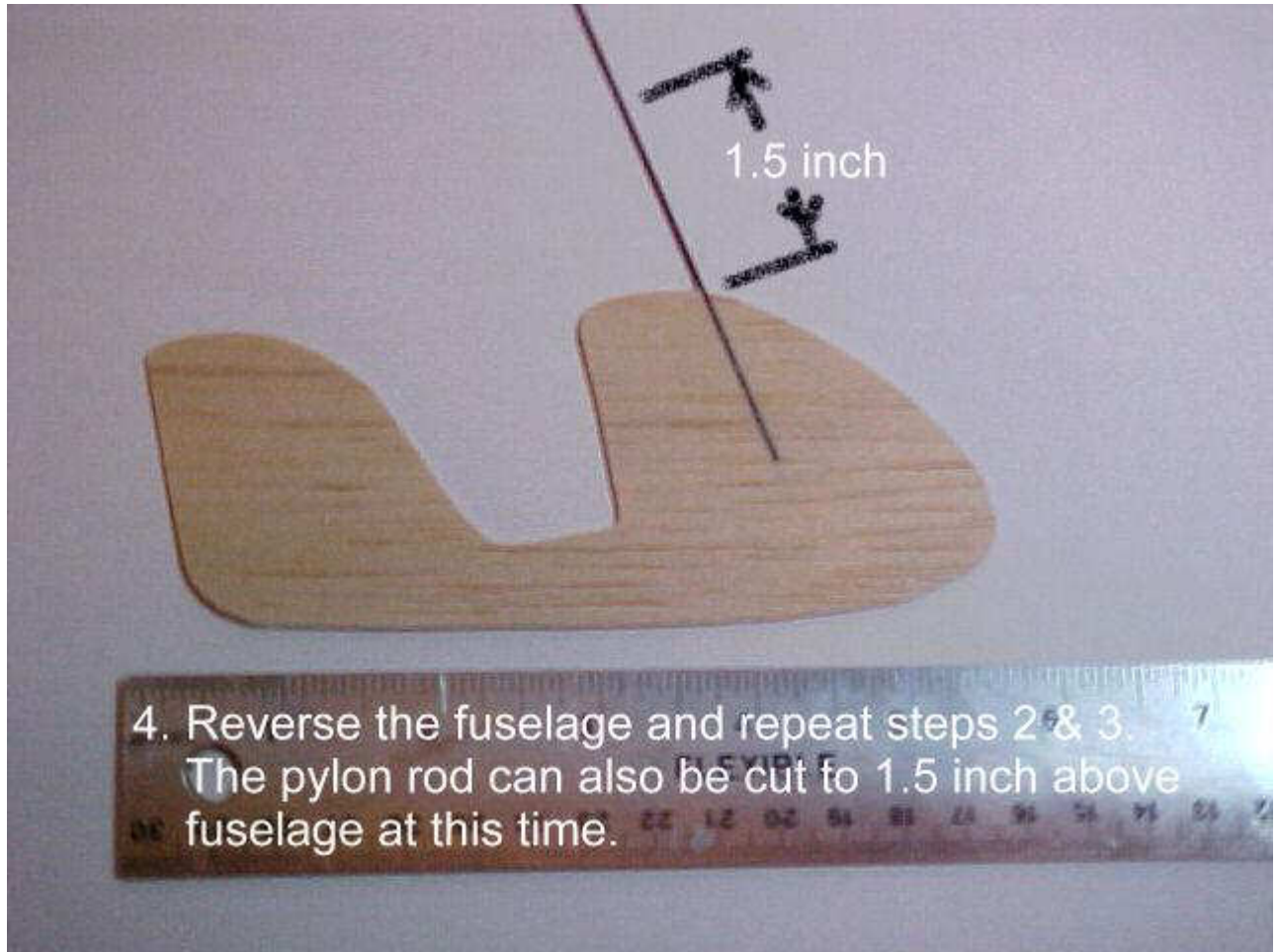
(Tip: Wax-paper placed over assembly at this point allows you to press out any air bubbles without smudging the paper surface.)



2. Extend a pencil line parallel from end of carbon rod to opposite edge of balsa sheet. This will give a construction line to align the tick at edge of fuselage drawing. Spray glue backside of fuselage paper and apply only one side now.

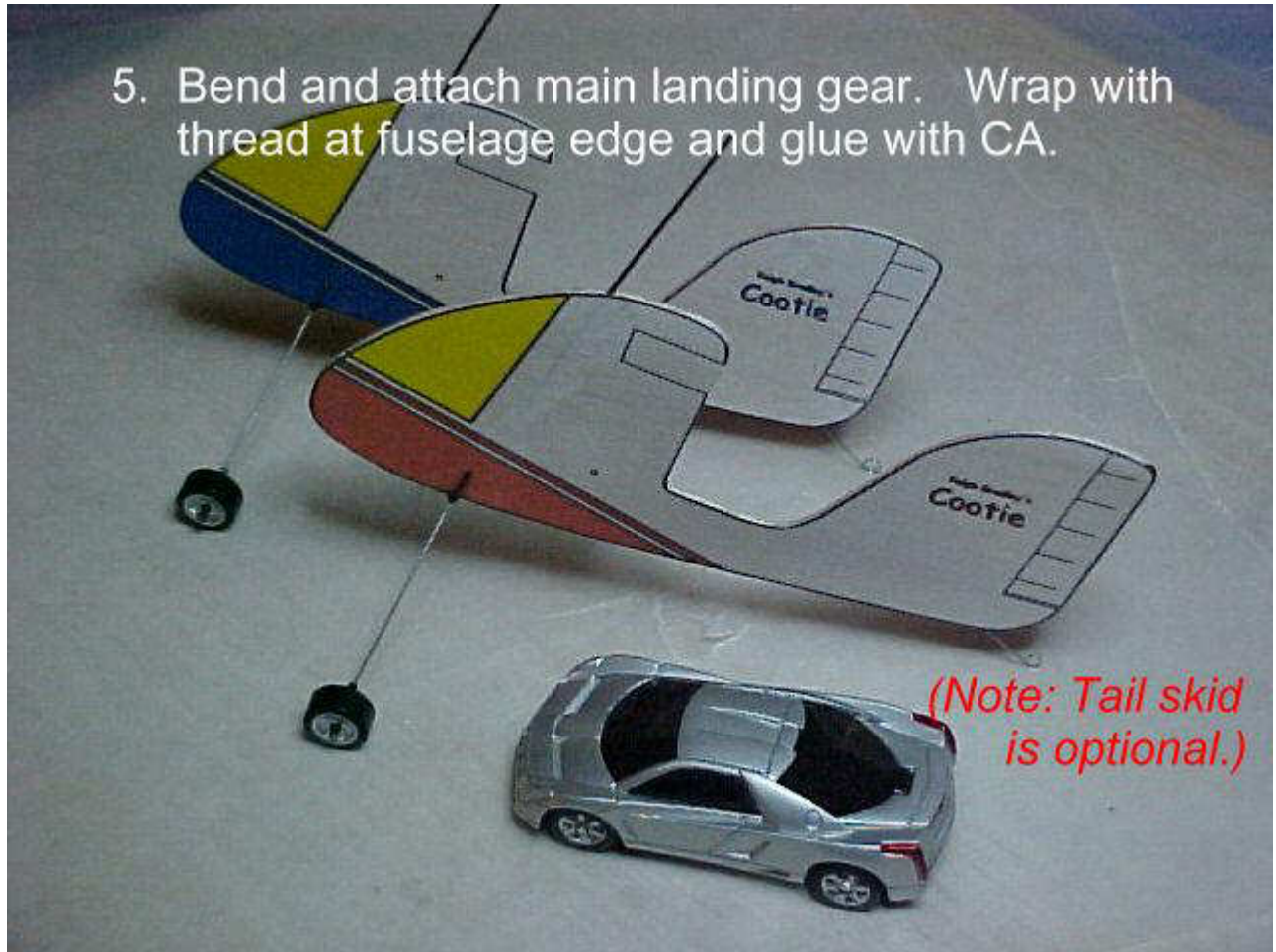
3. After drying trim around outer edge of fuselage leaving black line. Sand edge smooth if necessary.





4. Reverse the fuselage and repeat steps 2 & 3. The pylon rod can also be cut to 1.5 inch above fuselage at this time.

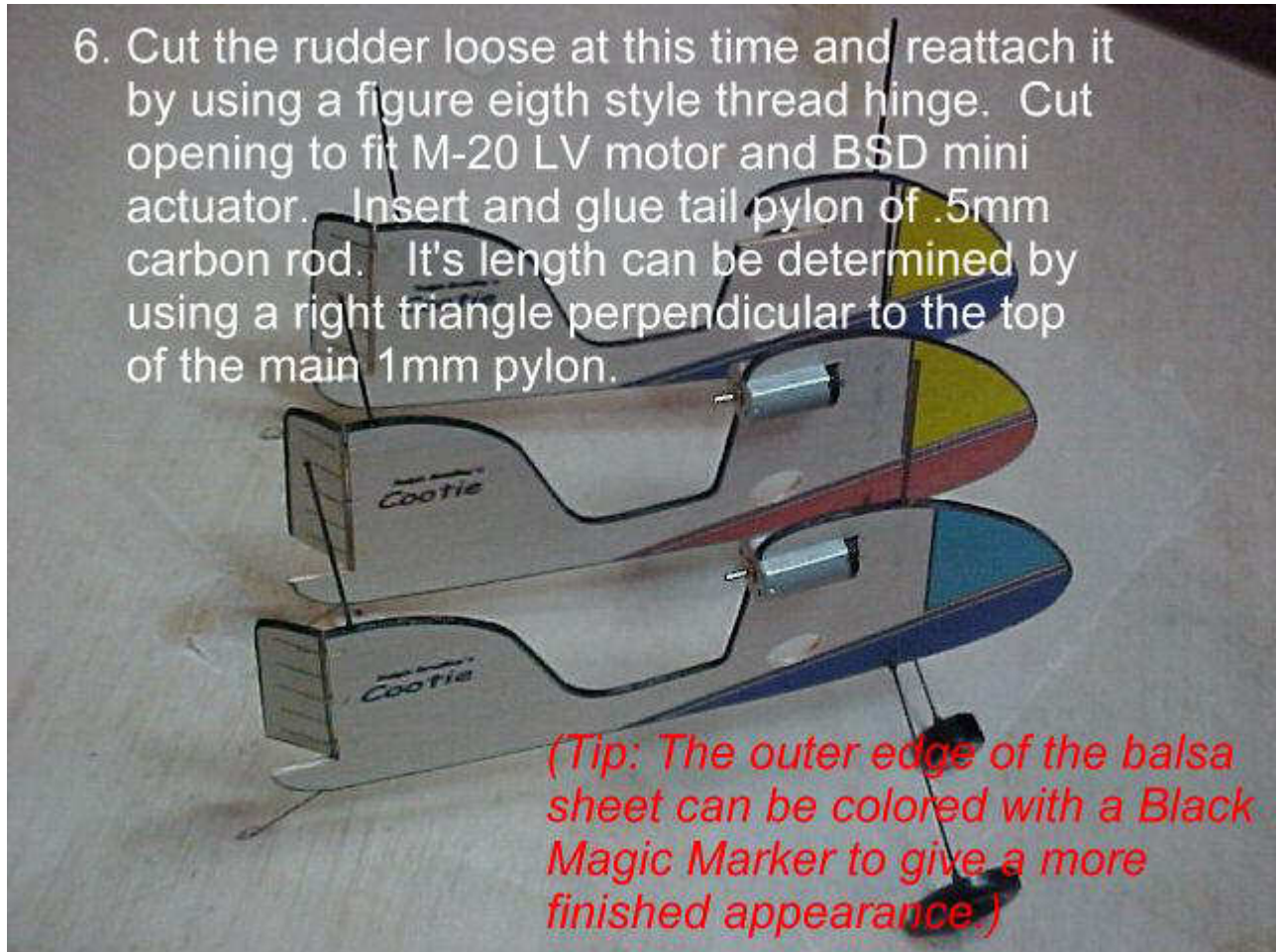
5. Bend and attach main landing gear. Wrap with thread at fuselage edge and glue with CA.



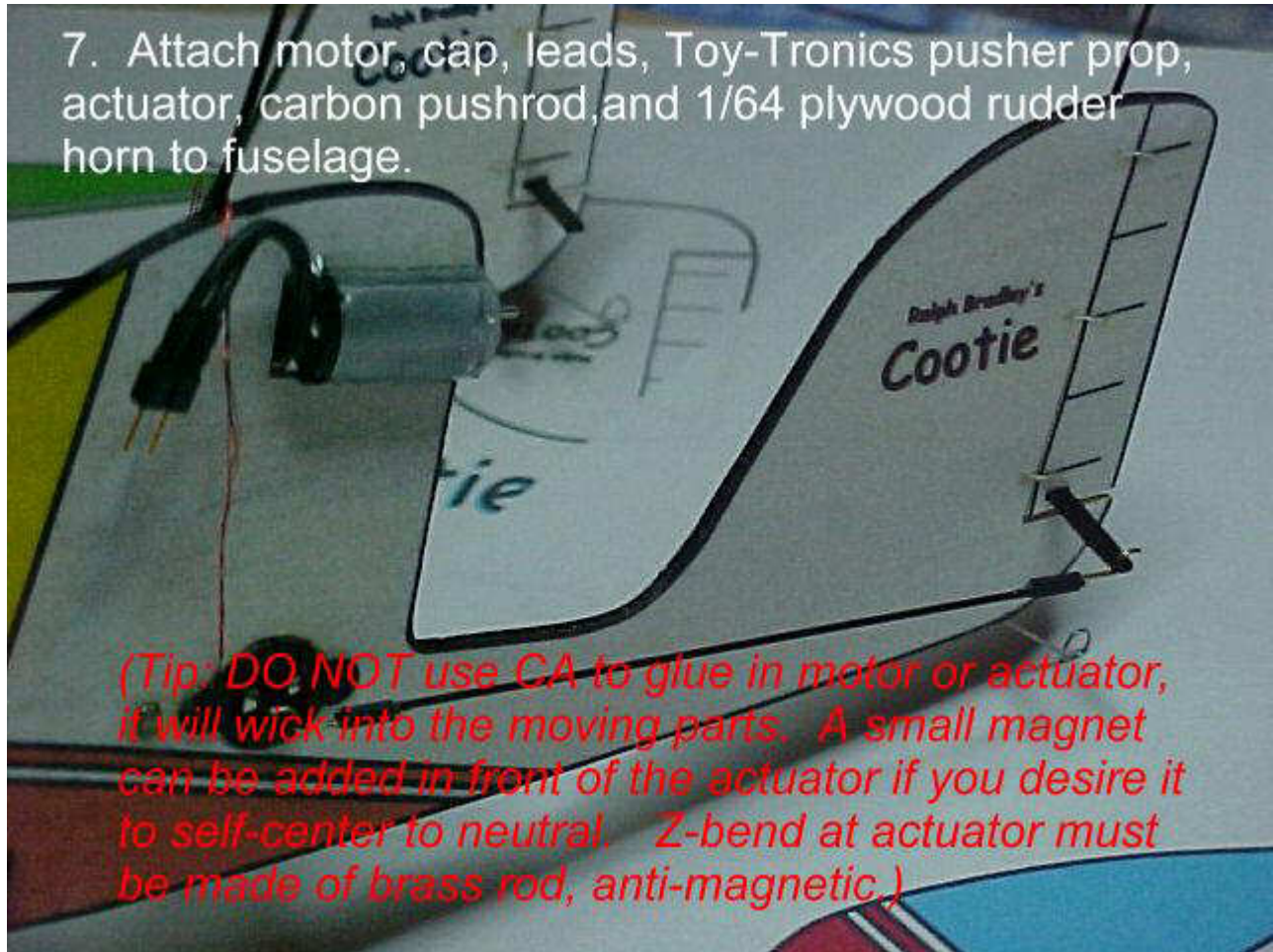
(Note: Tail skid is optional.)

6. Cut the rudder loose at this time and reattach it by using a figure eight style thread hinge. Cut opening to fit M-20 LV motor and BSD mini actuator. Insert and glue tail pylon of .5mm carbon rod. It's length can be determined by using a right triangle perpendicular to the top of the main 1mm pylon.

(Tip: The outer edge of the balsa sheet can be colored with a Black Magic Marker to give a more finished appearance.)



7. Attach motor, cap, leads, Toy-Tronics pusher prop, actuator, carbon pushrod, and 1/64 plywood rudder horn to fuselage.

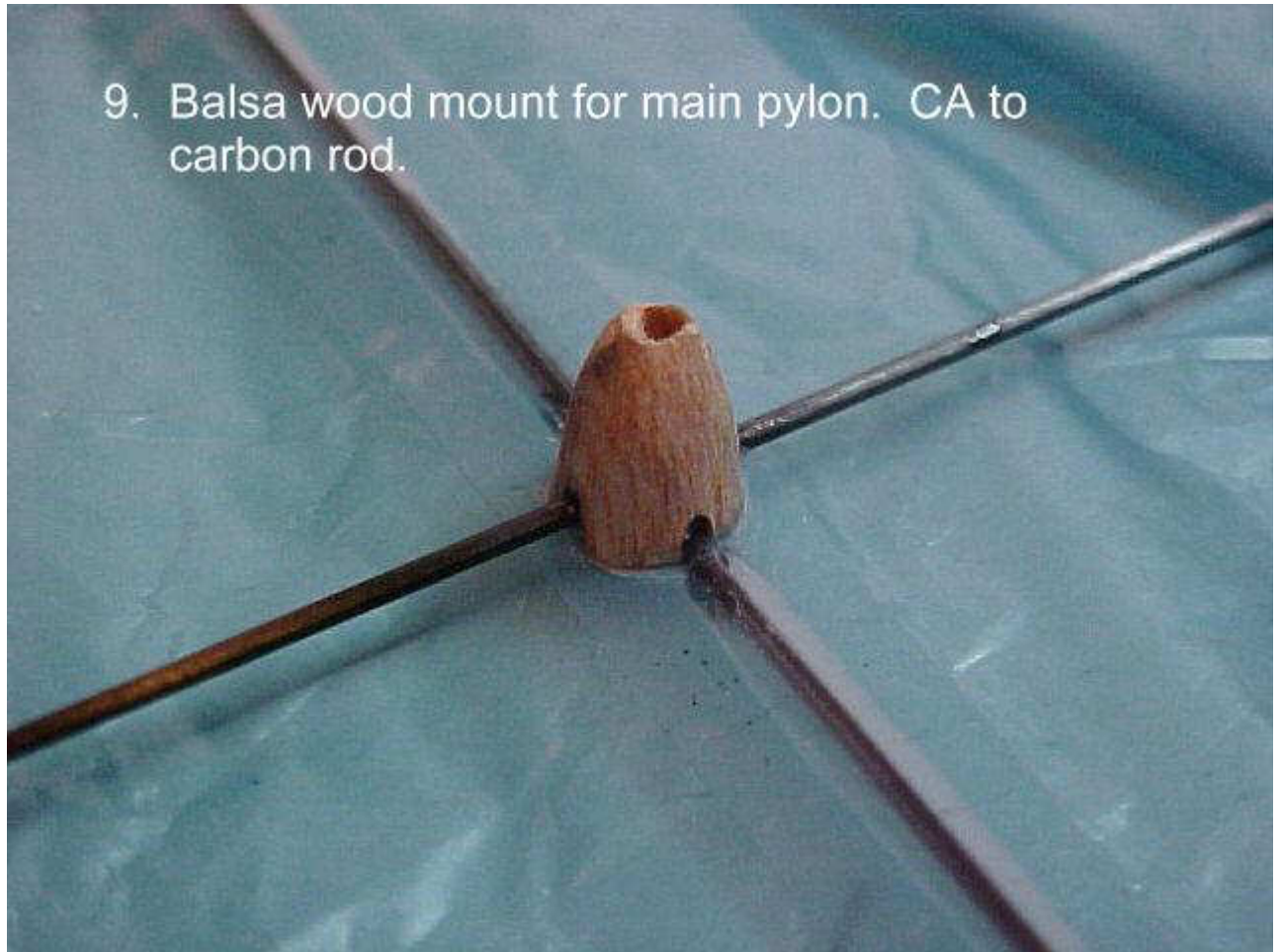


(Tip: DO NOT use CA to glue in motor or actuator, it will wick into the moving parts. A small magnet can be added in front of the actuator if you desire it to self-center to neutral. Z-bend at actuator must be made of brass rod, anti-magnetic.)

8. Sail is made from Shopping Bags. Almost any brand works well. Fasten with glue stick and transparent tape.



9. Balsa wood mount for main pylon. CA to carbon rod.



10. Use your right triangle to square the fuselage 90 degrees to the sail and glue.



11. Your receiver and antenna should be approximately in these locations.



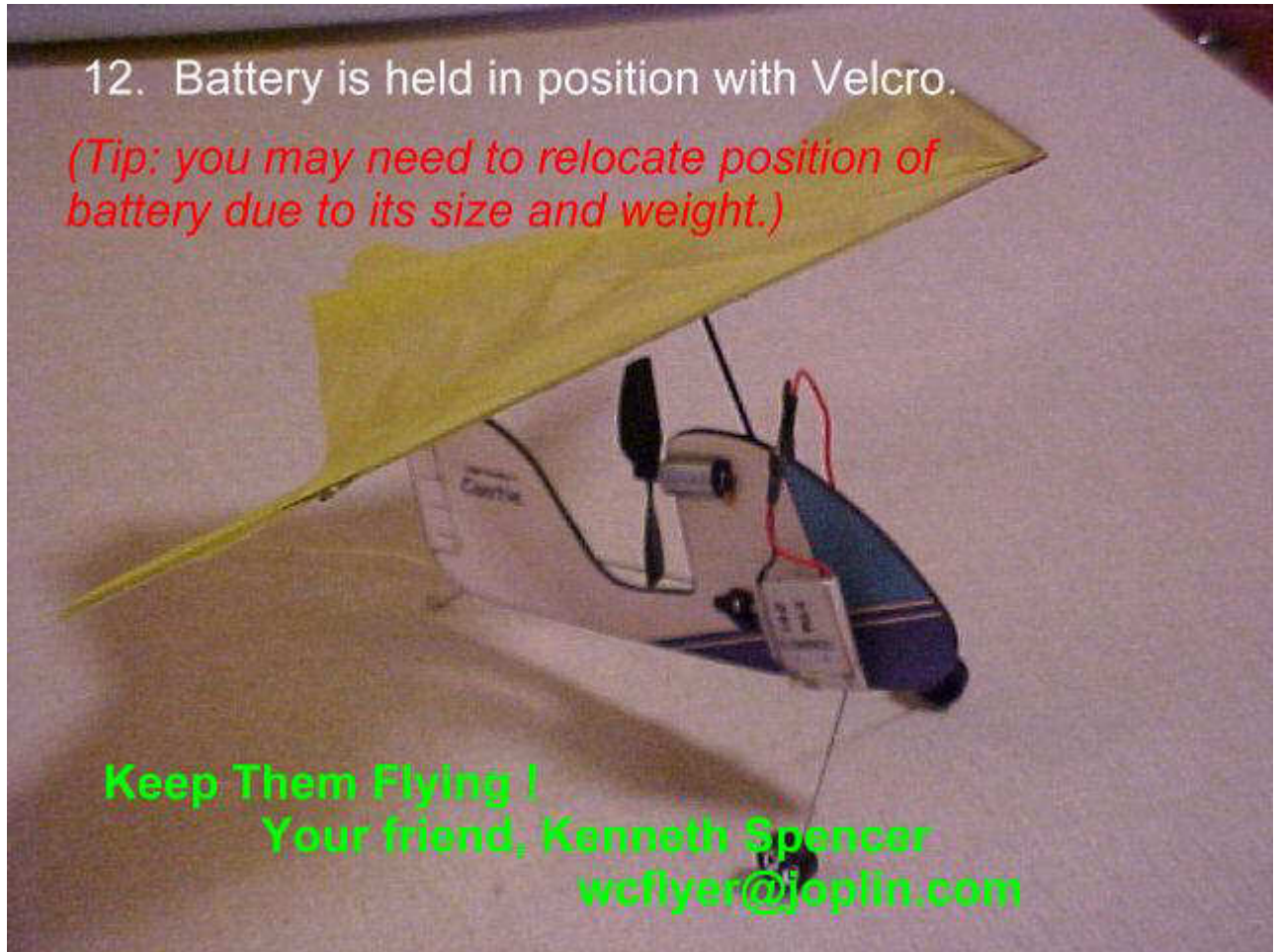
12. Battery is held in position with Velcro.

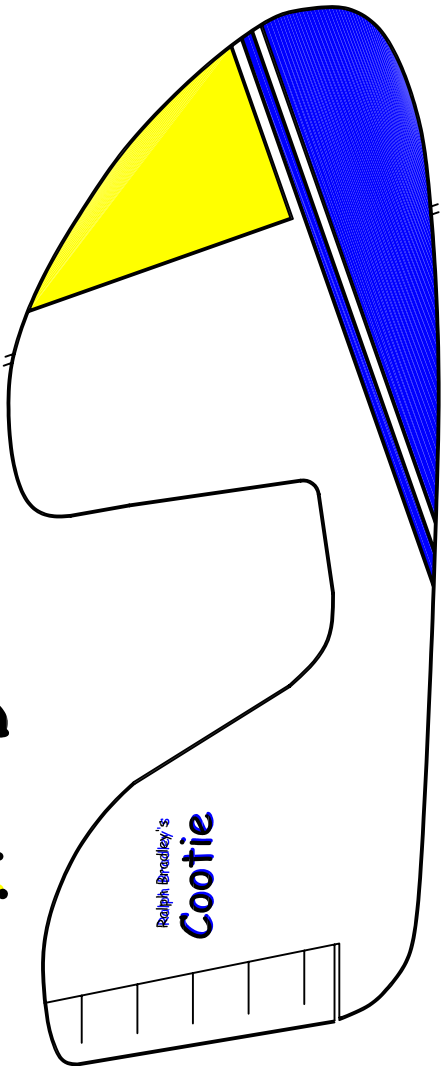
(Tip: you may need to relocate position of battery due to its size and weight.)

Keep Them Flying !

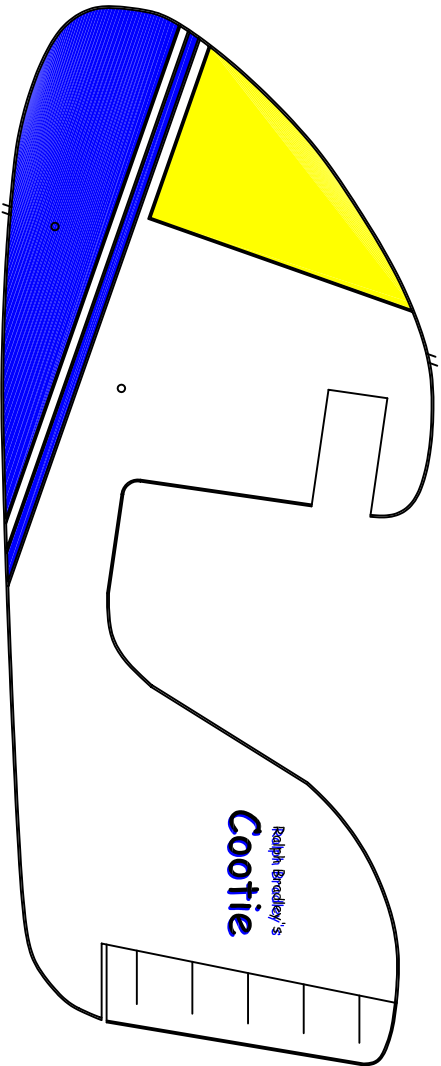
Your friend, Kenneth Spencer

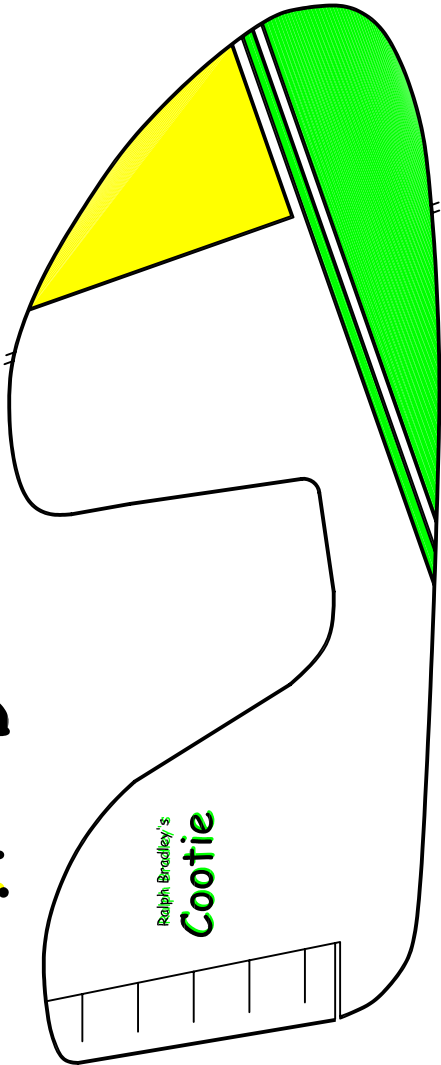
wcflyer@joplin.com



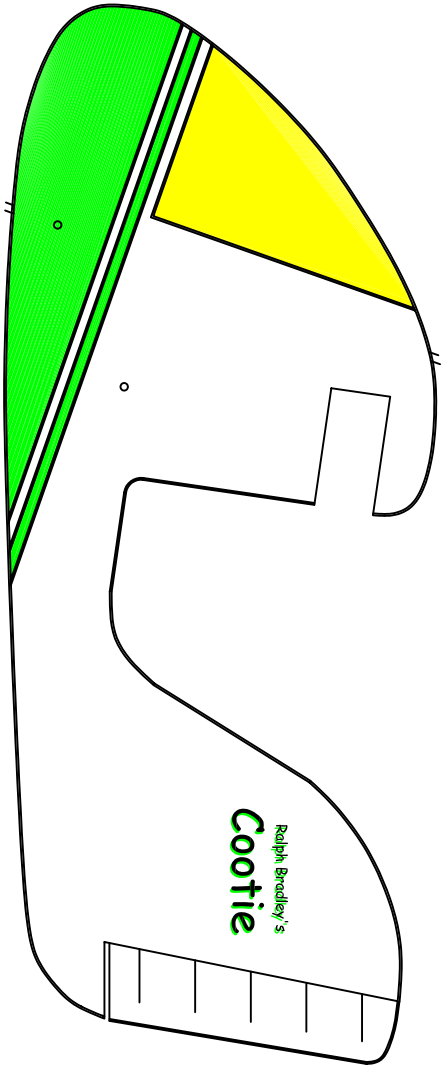


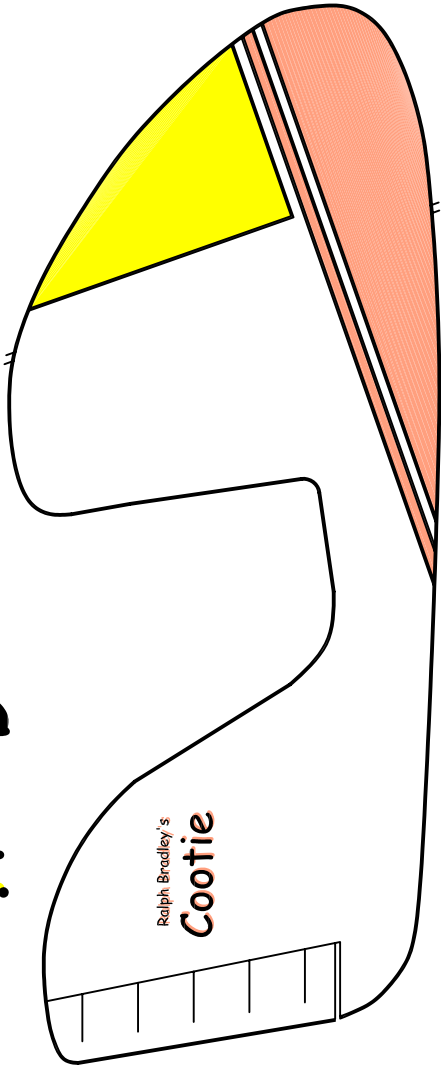
Ralph Bradley's
Cootie



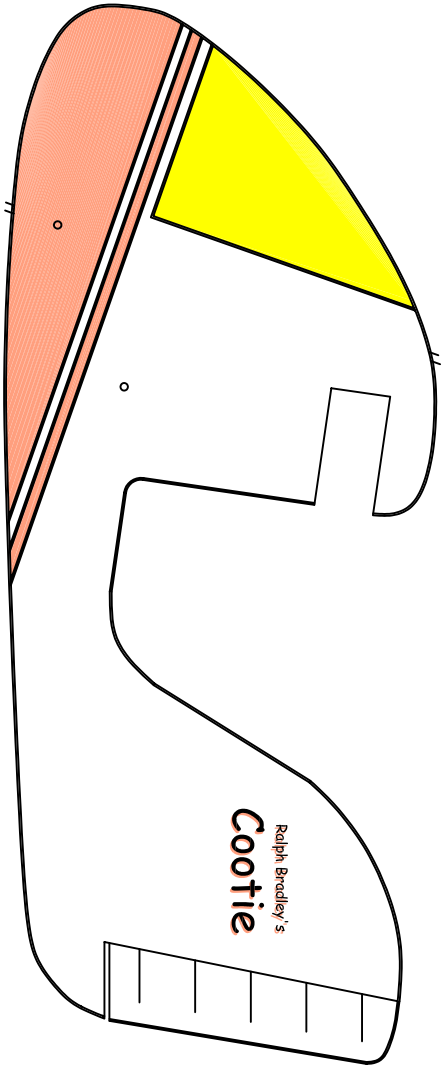


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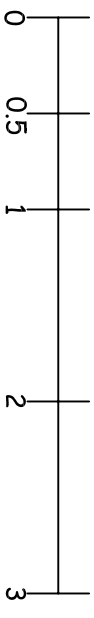


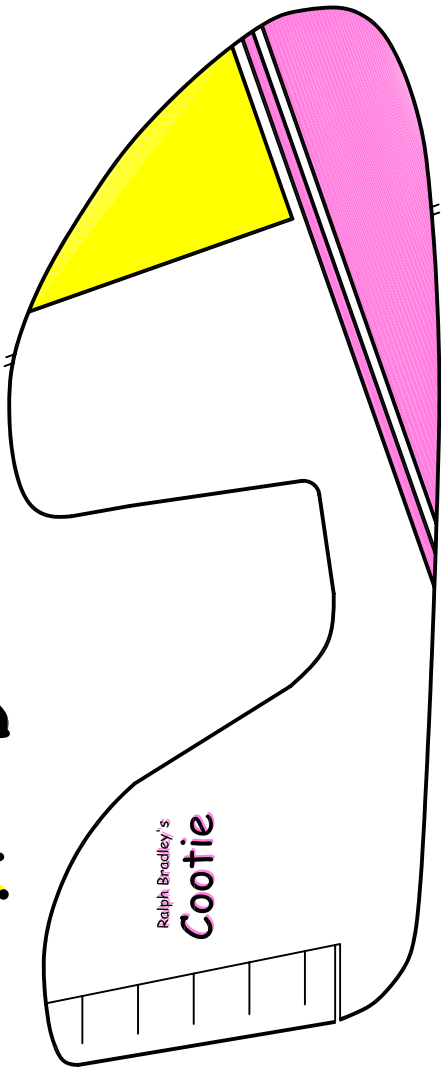


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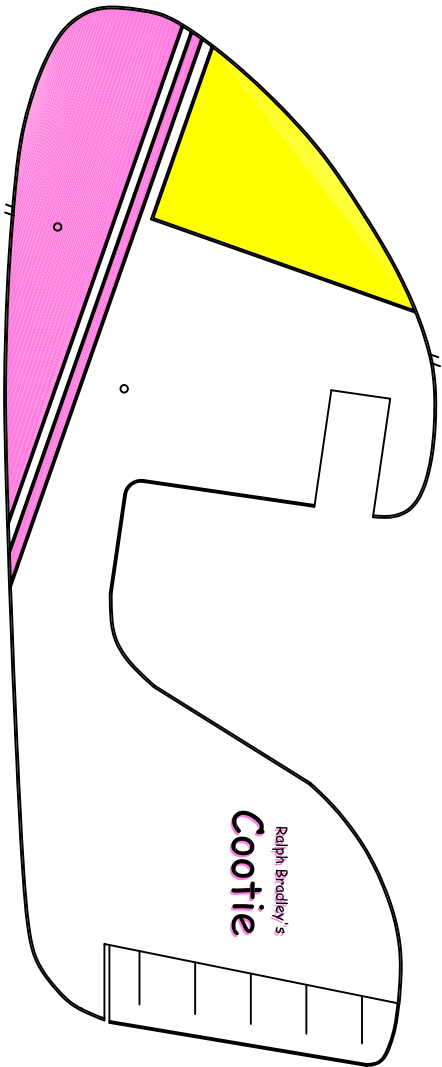


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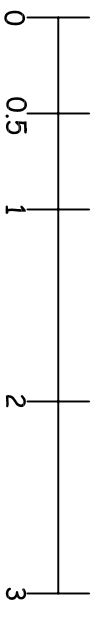


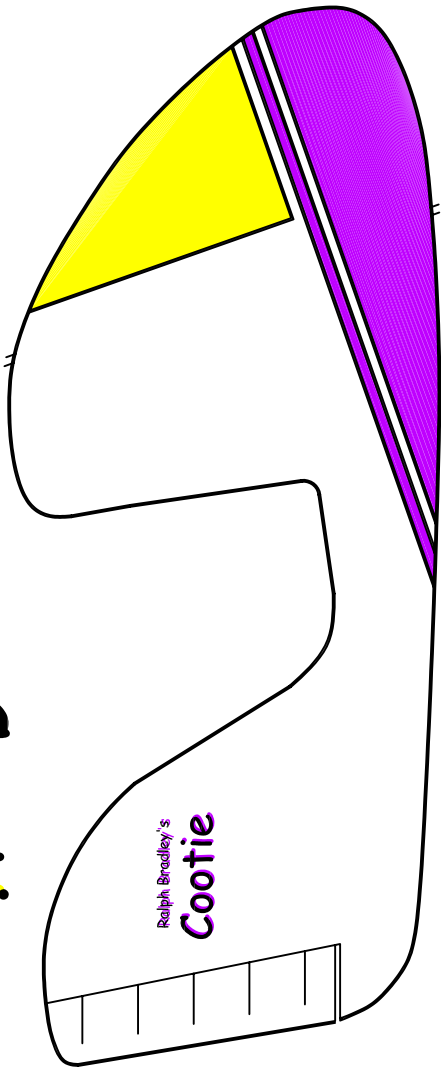


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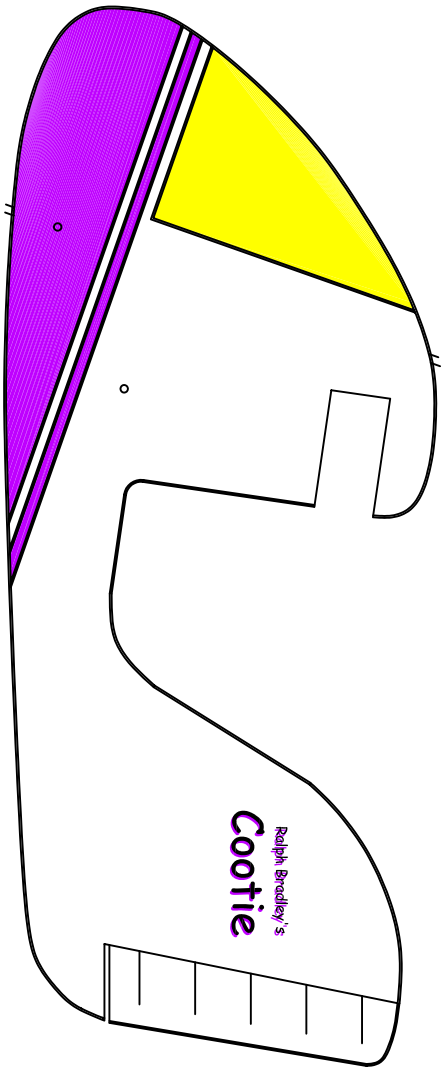


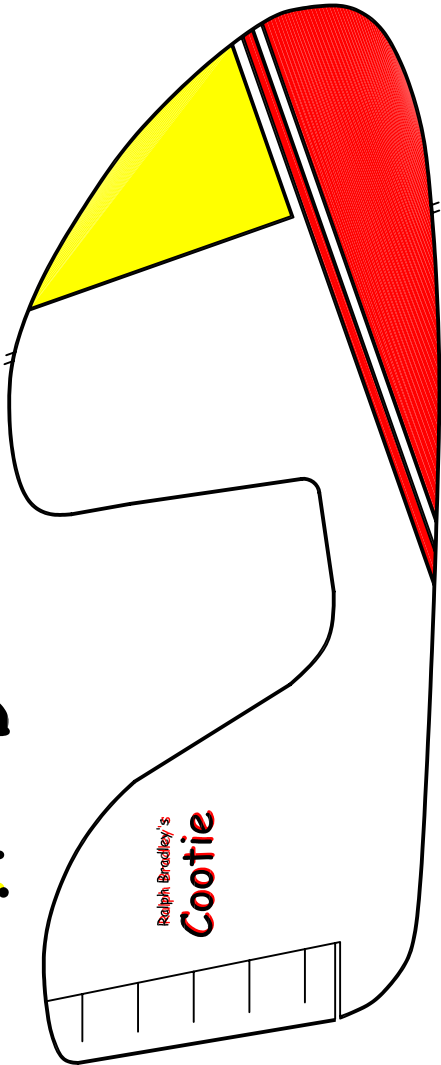
Ralph Bradley's
Cootie





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Ralph Bradley's **Cootie**

