

# PDF NOTES and TIPS

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**\*\*PRINT THIS PAGE FIRST\*\*** to check that the printed scale is correct. The black line below should be five inches long. If it measures to 5 inches then print the rest of the pages.

\*You will need to trim any side of a page that has the red guide lines. These lines should match up exactly and will be 3 inches long.

**\*\*\* Make sure "Page Scaling" is turned OFF \*\*\***

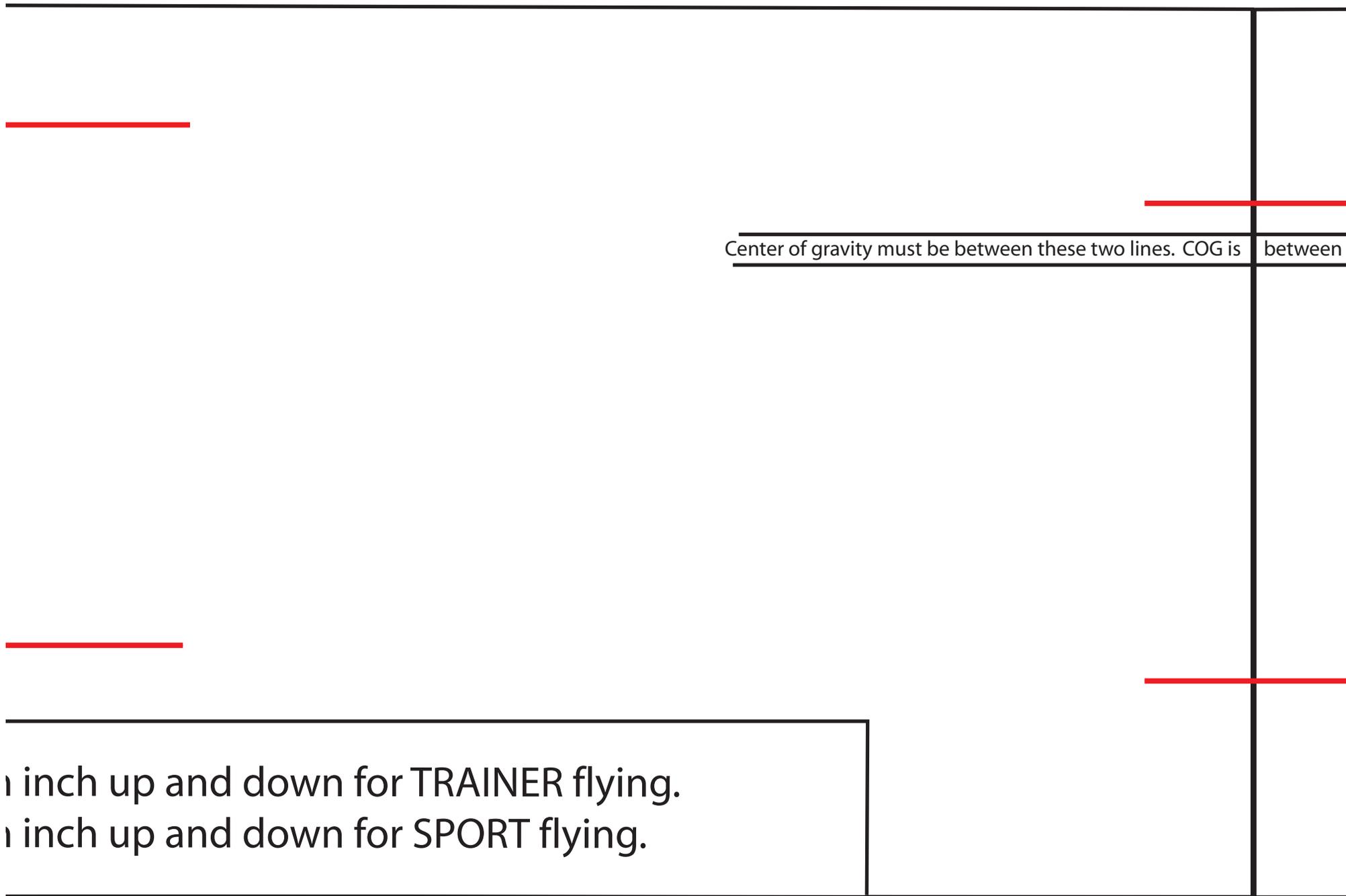
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Print scale  

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5 inches

Set aileron deflection to 3/8 of ar  
Set aileron deflection to 7/8 of ar



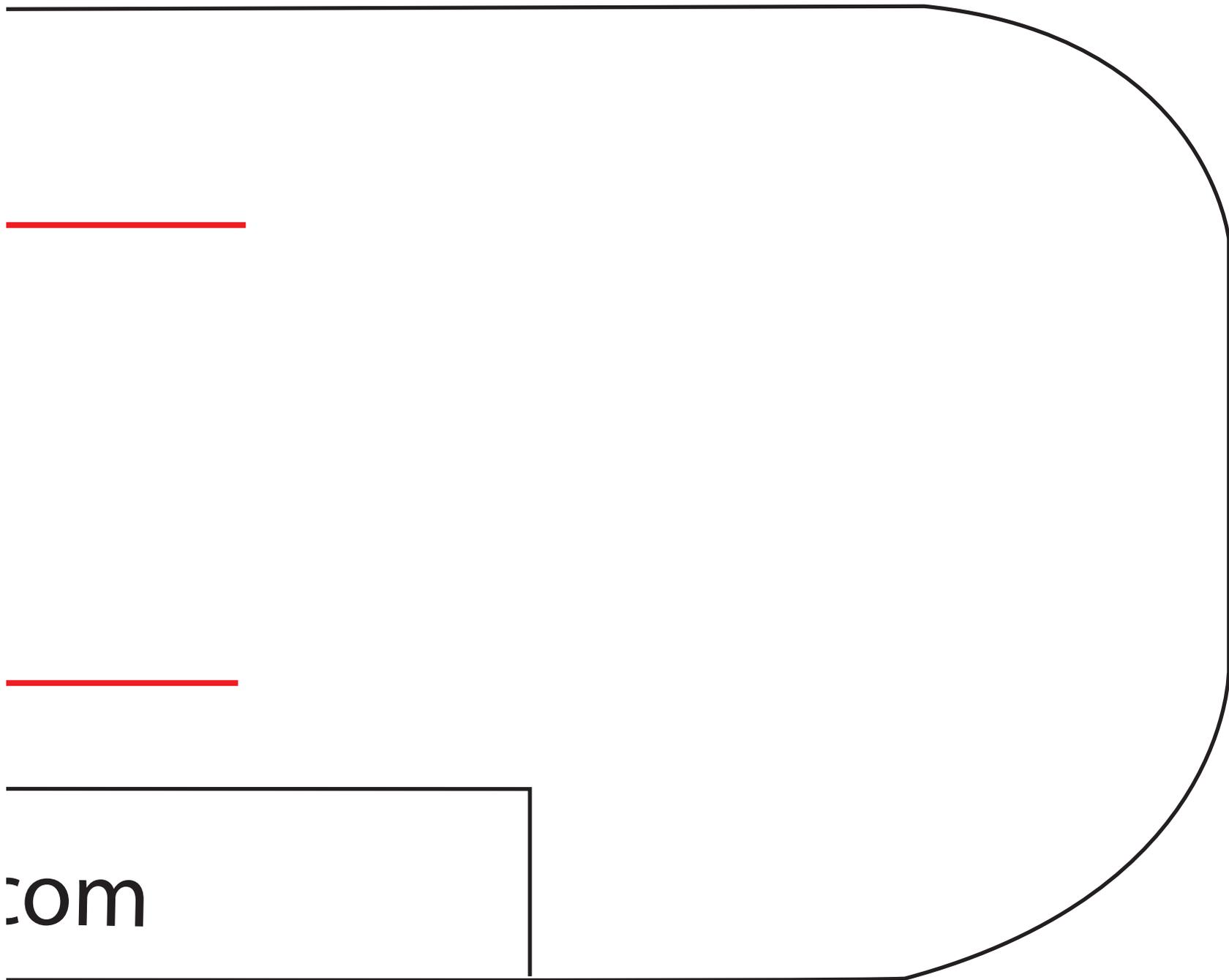
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1 5/8 and 2 inches back from wing leading edge

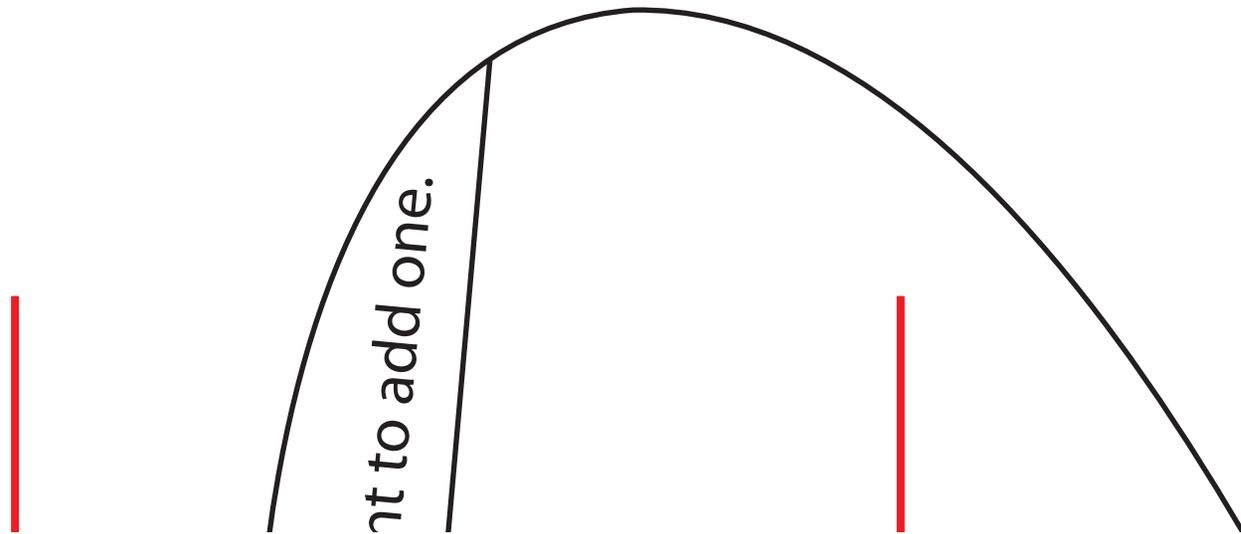
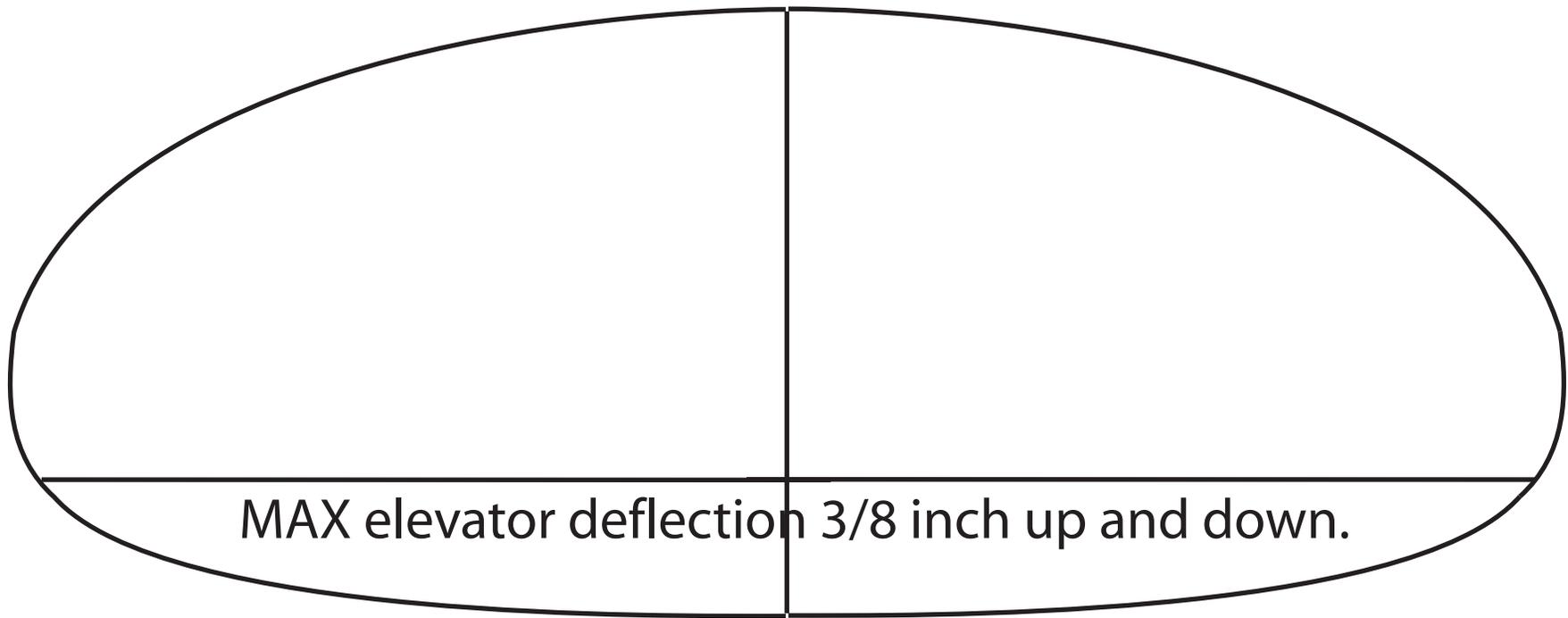
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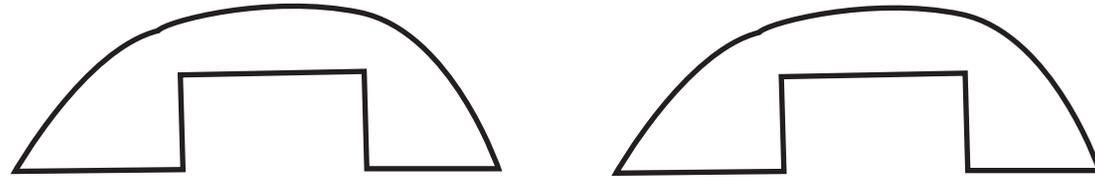
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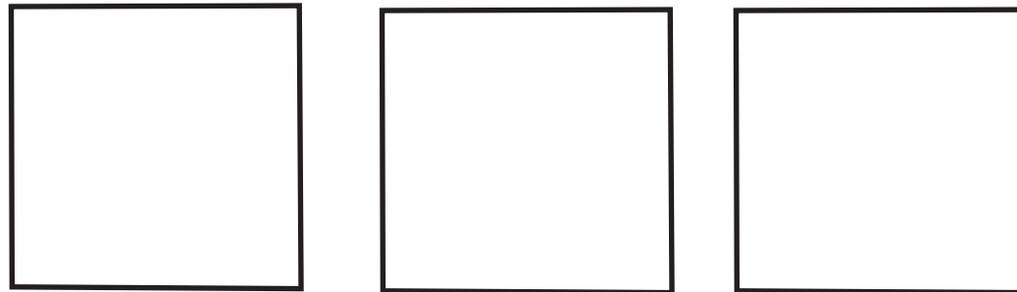
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# Aielron servo straps



3 motor mount pieces.

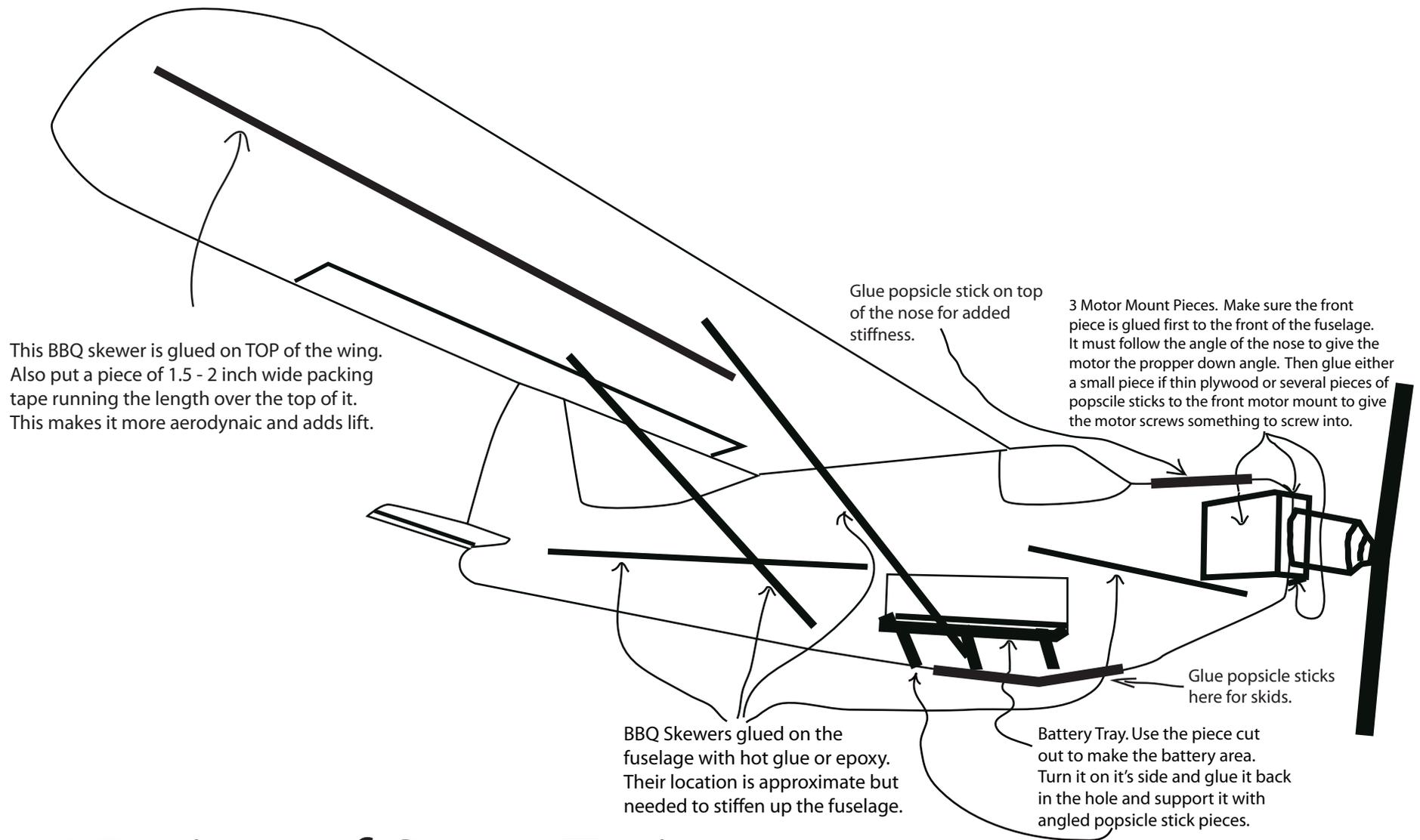


# Plane Requirements

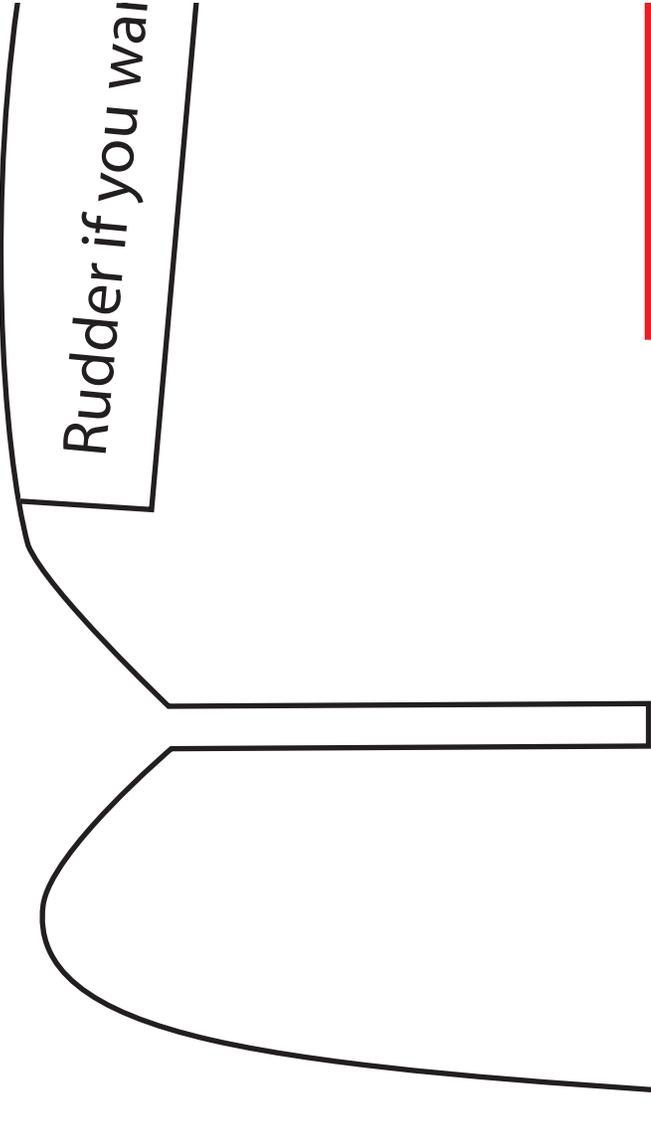
- \*11.1V 1200 -1500mAh 15-20C Li-po.
- \*1000 - 1400(for faster flying) kv brushless motor with flat mount.
- \*25 - 30 amp speed control.
- \*10 X 6 prop.
- \*3, 9 gram servos.. Add another servo if you want a rudder.

# Build Materials

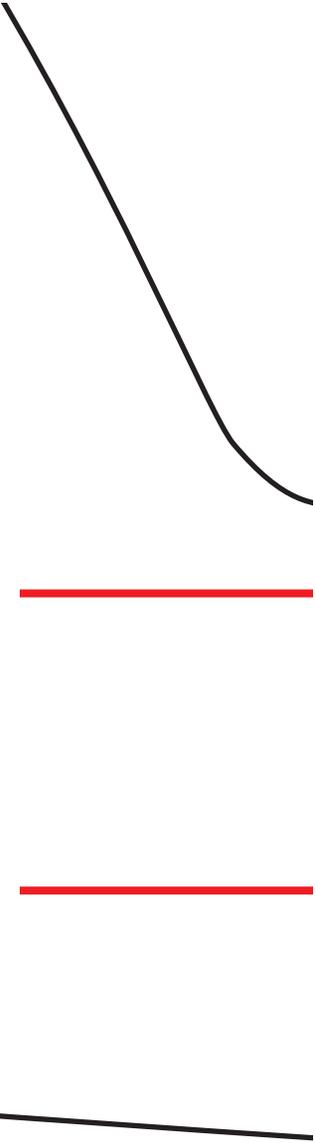
- \*1/4 inch Foam core for the fuselage, wings and tail. You can use 6 mm Depron also but you will have to add extra support to it to make it more rigid.
- \*About 8 popsicle sticks.
- \*1/16 Drill Rod (from a hardware store) or RC pushrods, about 20 inches are needed. OR ypu can use RC pushrods if you have them.
- \*Hot glue or 5 min epoxy.
- \*Thick packing tape for control surface hinges.
- \* 8, 12 inch wooden BBQ skewers.

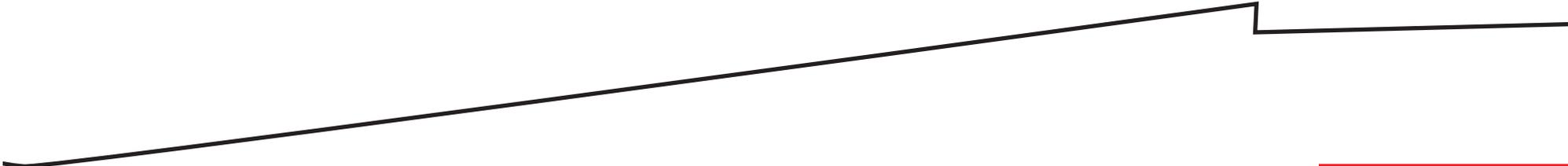


## 3D view of Sport Trainer



Rudder if you wai





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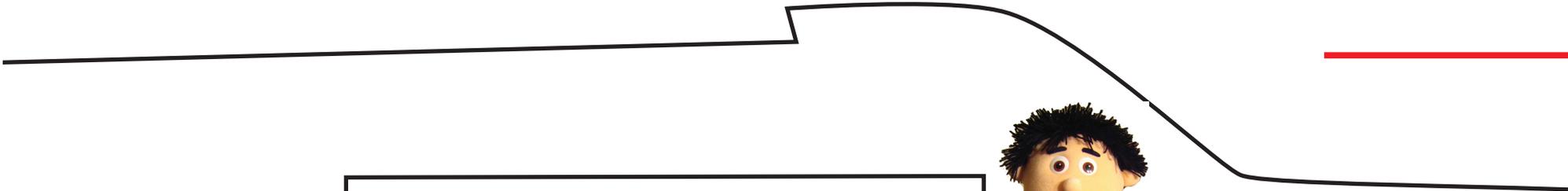
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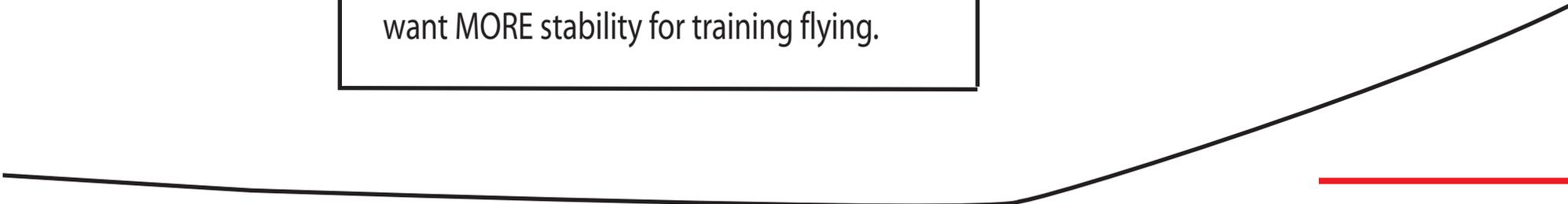
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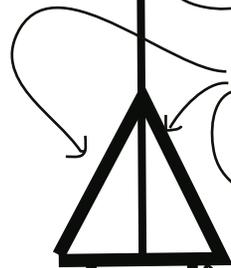
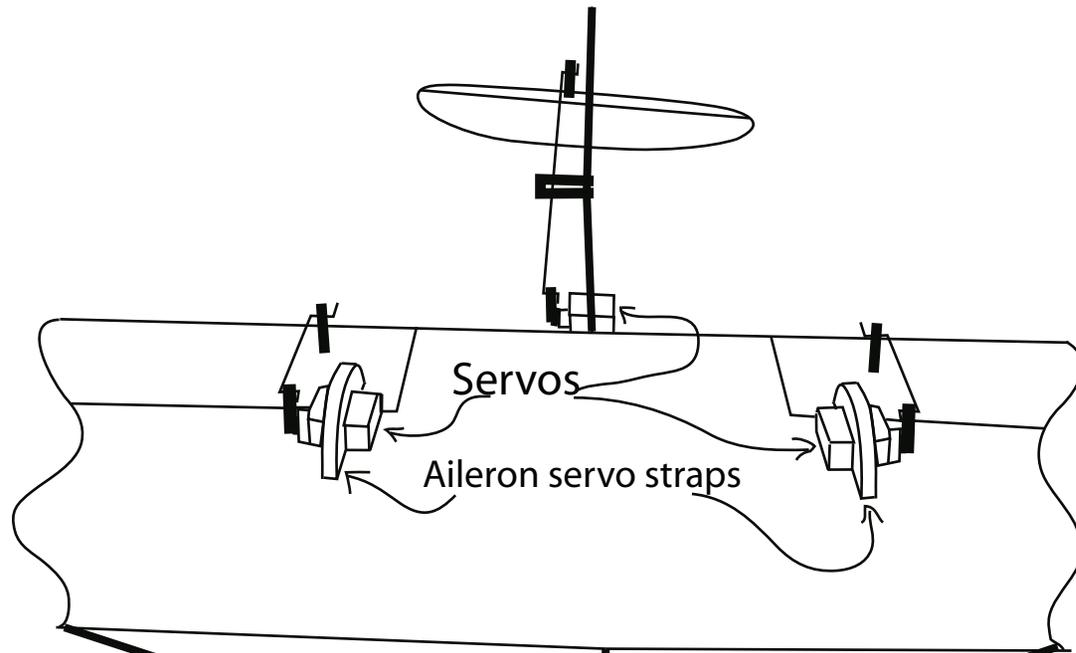




Cut THIS piece out and use it as the battery tray if you are a more advanced pilot and want LESS stability but better barrel rolls.



Cut THIS piece out and use it as the battery tray if you are a beginner pilot and want MORE stability for training flying.



**Top front view of plane**

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