

PDF NOTES and TIPS

****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. Just trim right up to the lines. These lines should match up exactly and will be 3 inches long.

*Use the **BIG** letters at the edge of the pages to help you put the templates together in the right orientation. You can also look at the template layout page to get an idea of how all the pieces should look.

Print scale

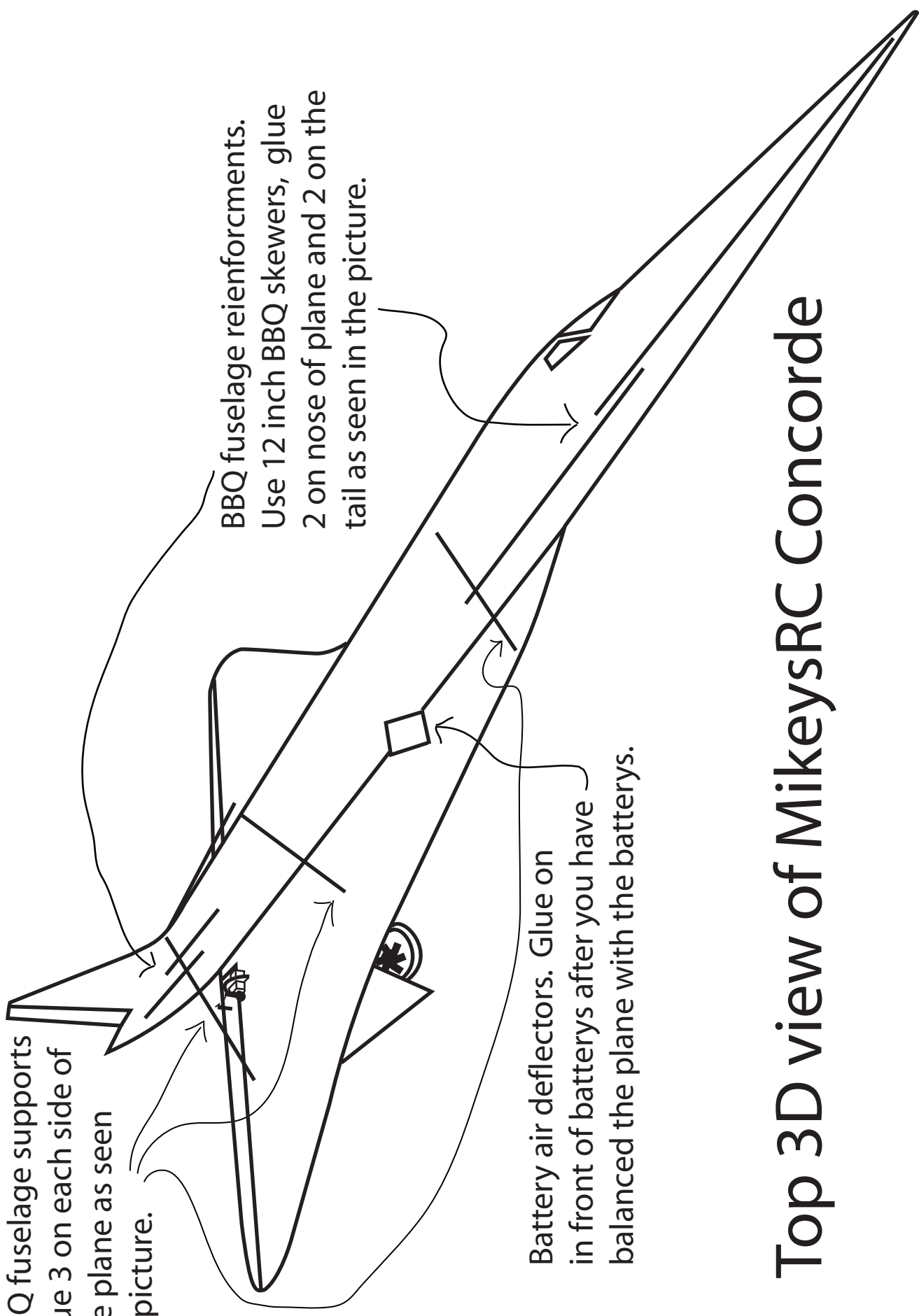
5 inches

BBQ fuselage supports
glue 3 on each side of
the plane as seen
in picture.

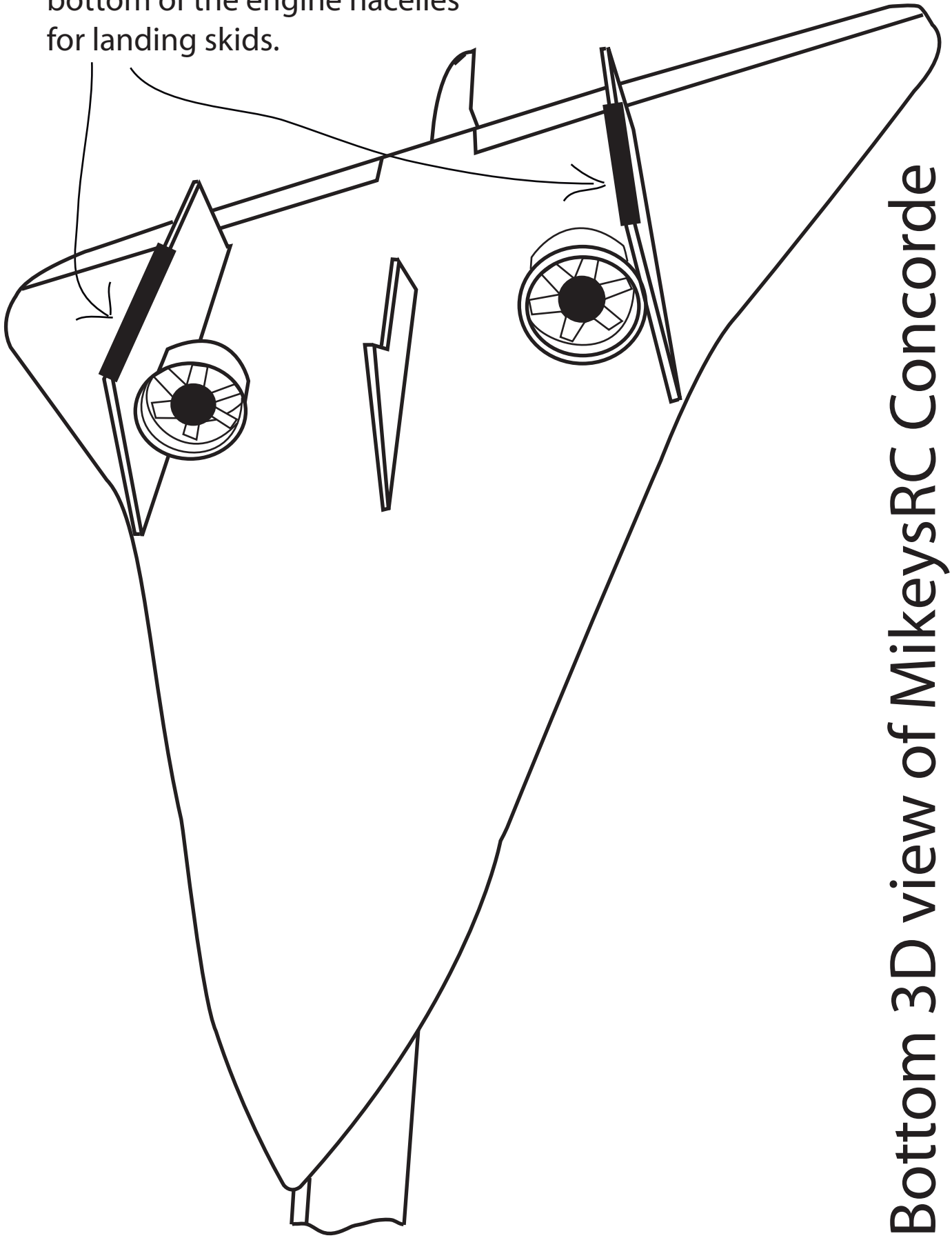
BBQ fuselage reienforcements.
Use 12 inch BBQ skewers, glue
2 on nose of plane and 2 on the
tail as seen in the picture.

Battery air deflectors. Glue on
in front of battery after you have
balanced the plane with the batteries.

Top 3D view of MikeysRC Concorde



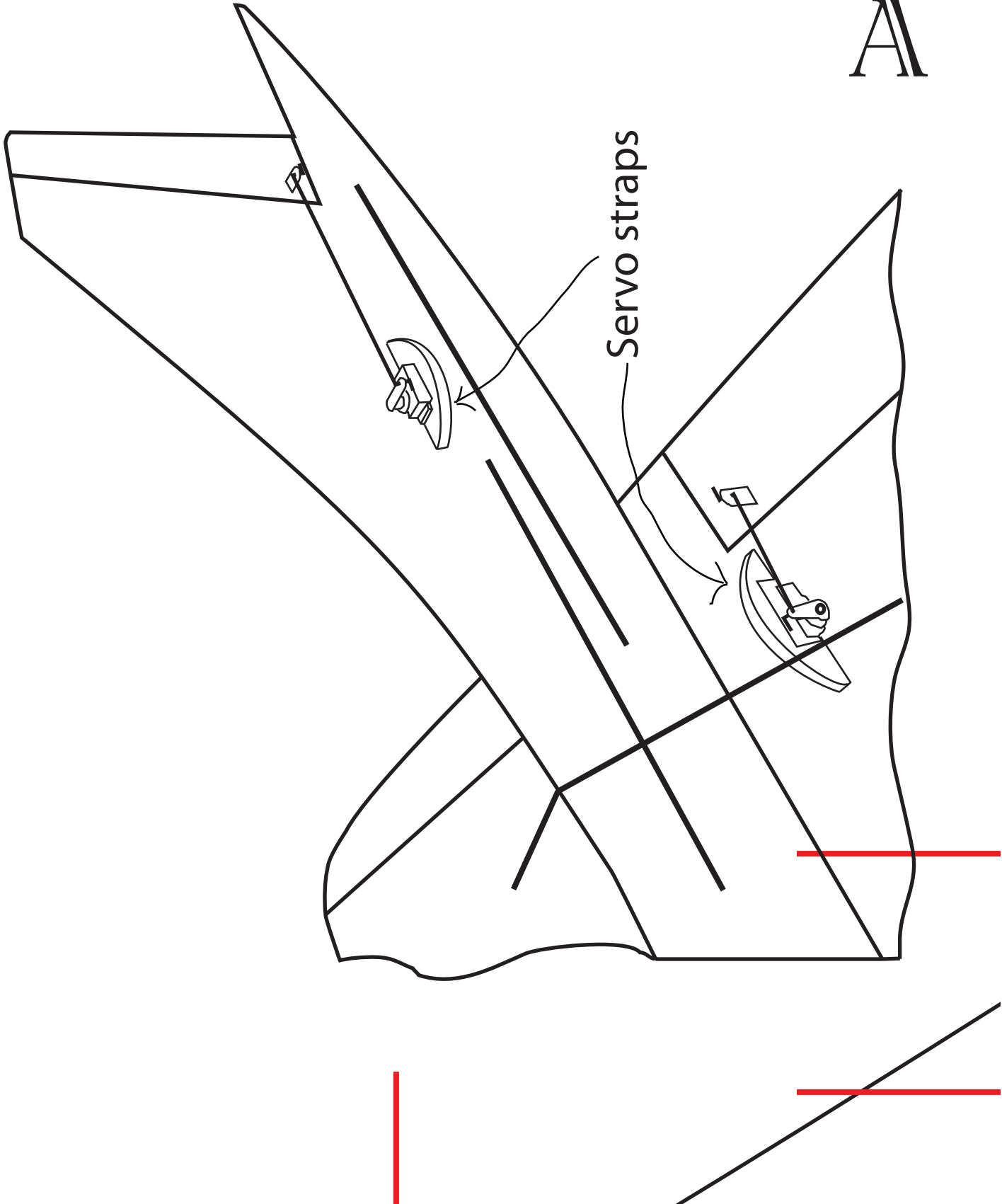
Glue popsicle sticks on the bottom of the engine nacelles for landing skids.



Bottom 3D view of MikeysRC Concorde

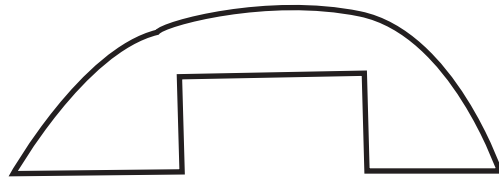
Close up view of tail section and servo mounting.

A



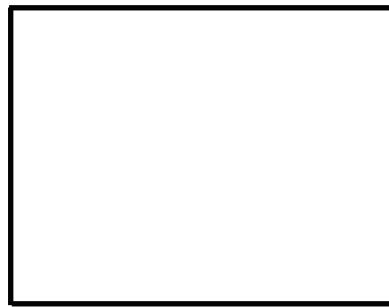
Servo straps, need 3.

A

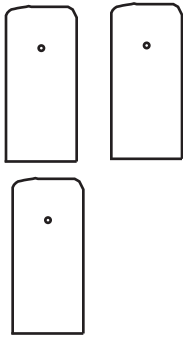


B

Battery air deflectors,
need 2.



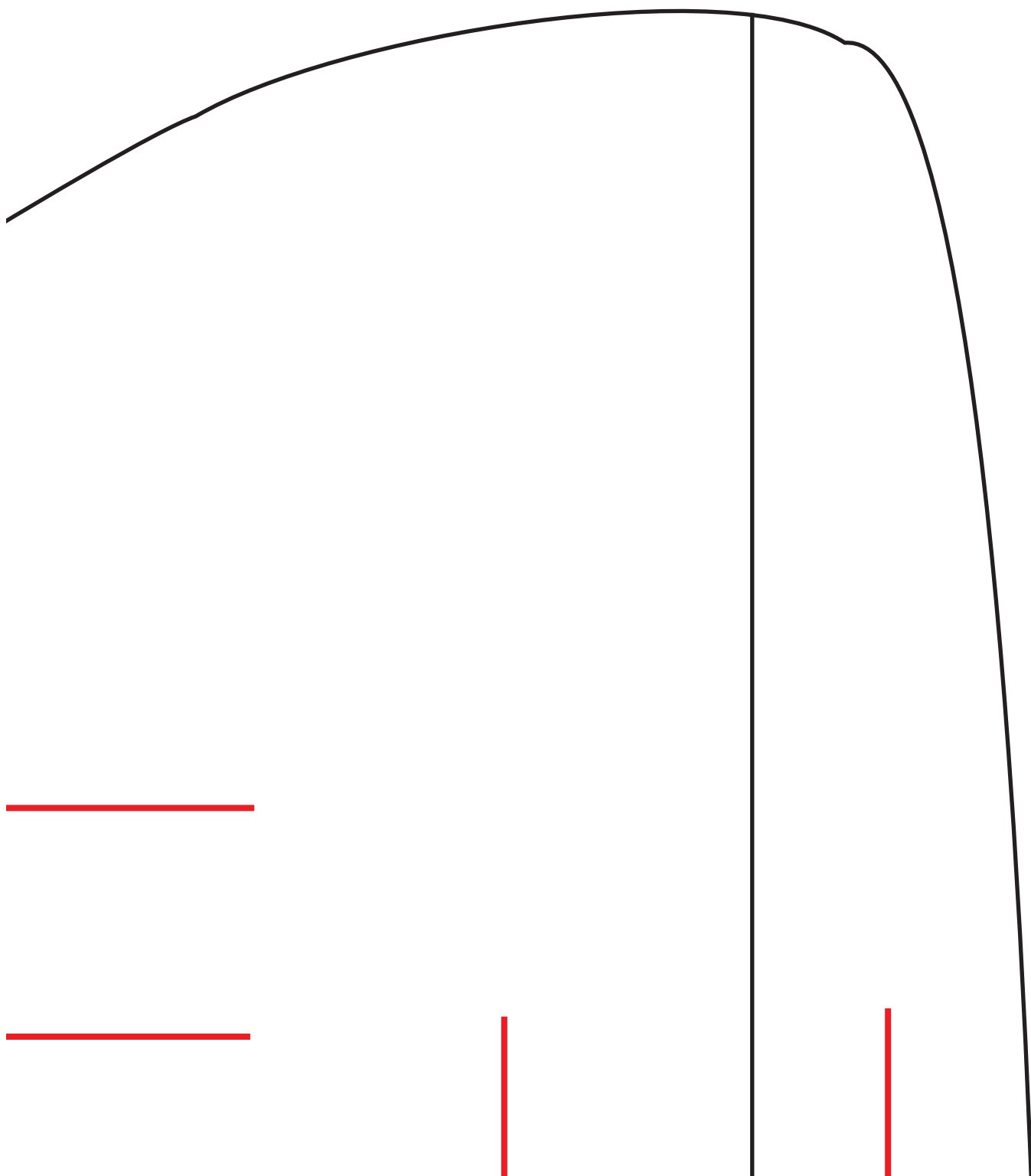
Control horns.



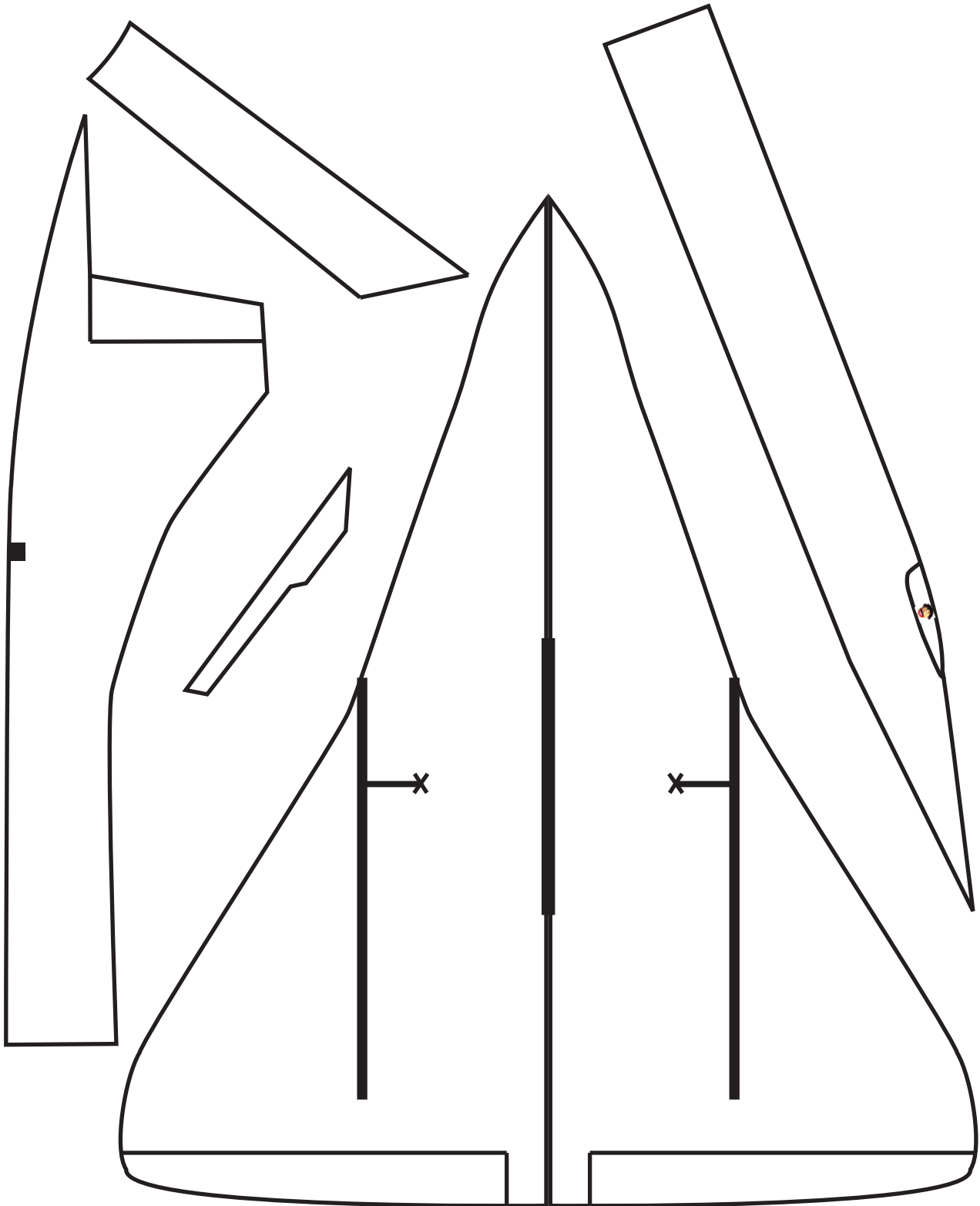
www.MikeysRC.com



B



Template Pieces

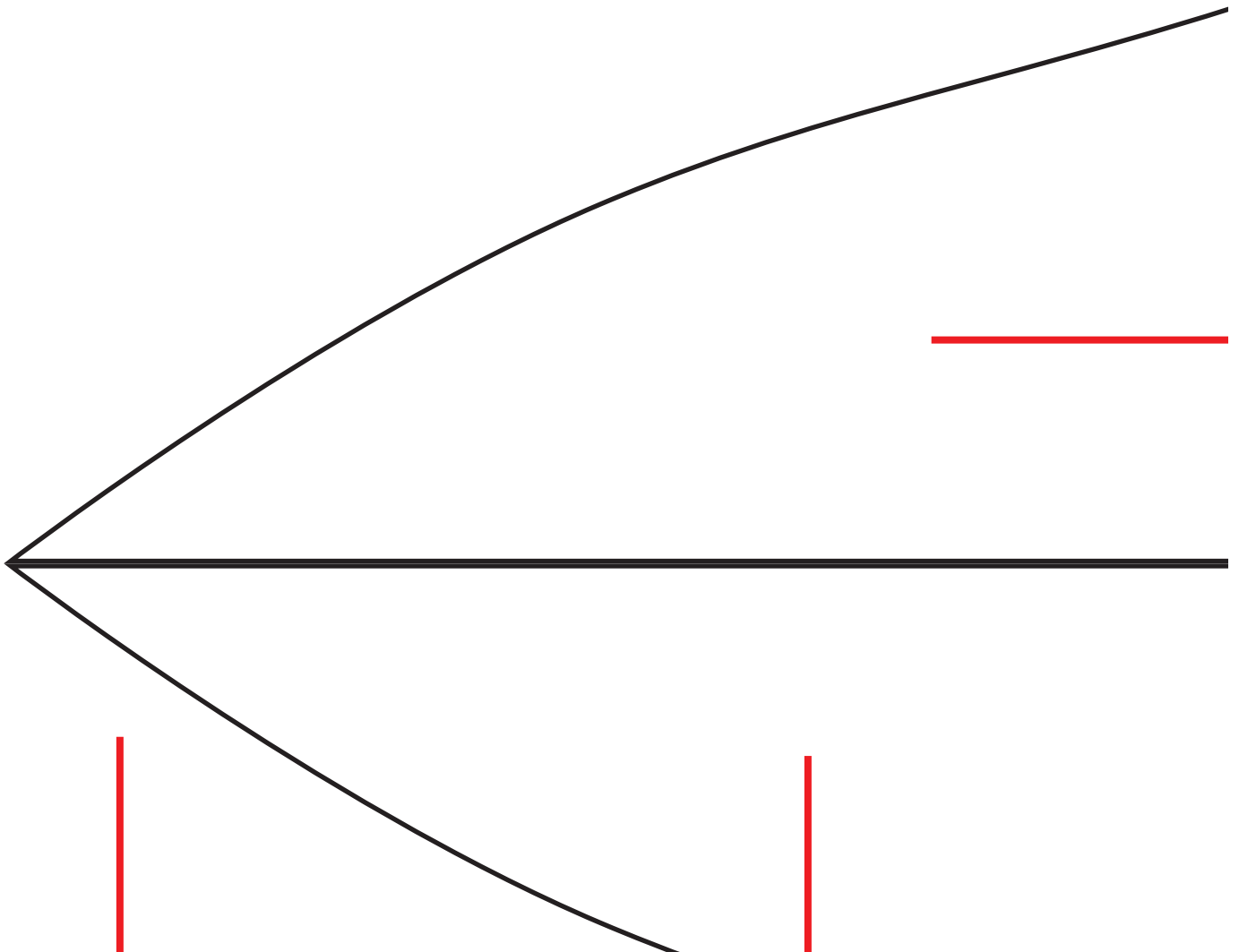


Airline Pilot JOKES

Tower: "Delta 351, you have traffic at 10 o'clock, 6 miles!"
Delta 351: "Give us another hint! We have digital watches!"

C

"TWA 2341, for noise abatement turn right 45 Degrees."
"Control tower, we are at 35,000 feet. How much noise can we make up here?"
"Sir, have you ever heard the noise a 747 makes when it hits a 727?"

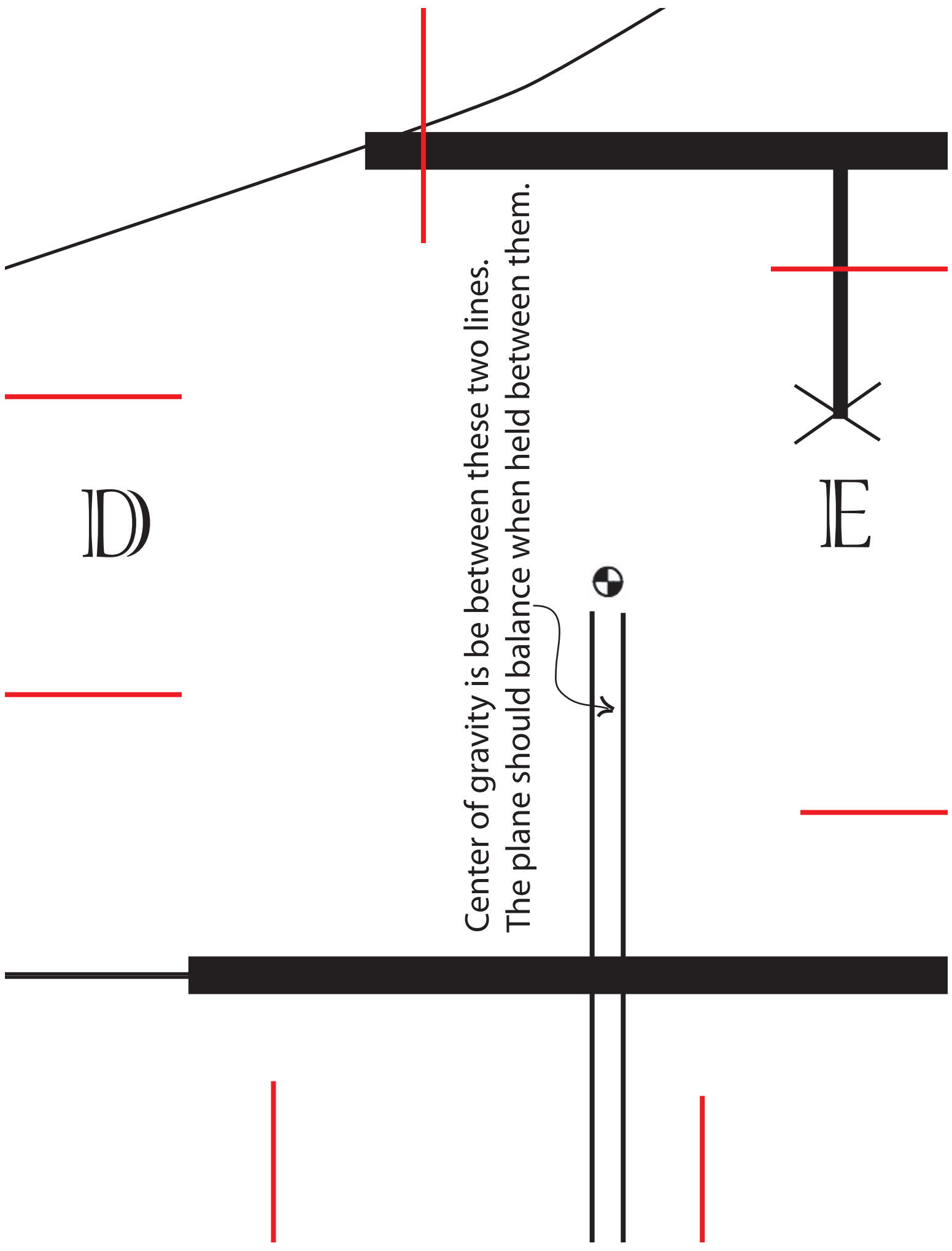


C



D





Center of gravity is be between these two lines.
The plane should balance when held between them.

D

E



Mount RIGHT engine nacelle here
on the bottom of the wing.

The diagram shows a thick black horizontal bar representing a wing section. Two vertical red lines are positioned on the top surface of the bar, indicating mounting points. A curved arrow points from the text to the right-hand vertical red line. Two horizontal red lines are located below the wing section, one on the left and one on the right.

IE

IF

Glue hand launch skeg here
on the bottom of the wing.



The diagram shows a thick black horizontal bar representing a wing section. A blue arrow points from the text to a specific point on the bottom surface of the bar. Two vertical red lines are positioned below the bar, one on the left and one on the right. Two horizontal red lines are located above the wing section, one on the left and one on the right.

F

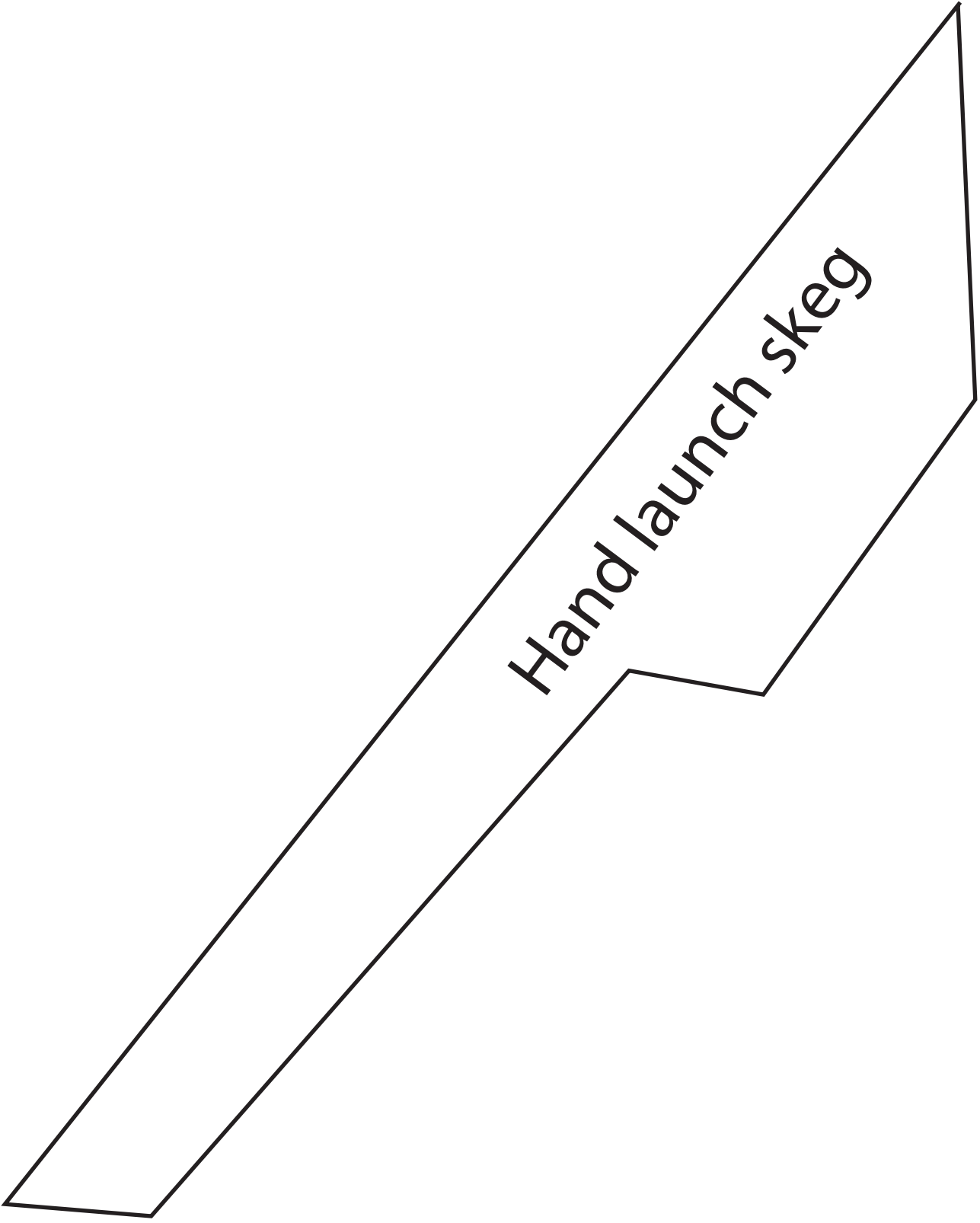
Measure ELEVON deflection here.

Elevon Deflection

Elevator full up or down is about 3/4 inch

Aileron full left or right is about 3/4 inch

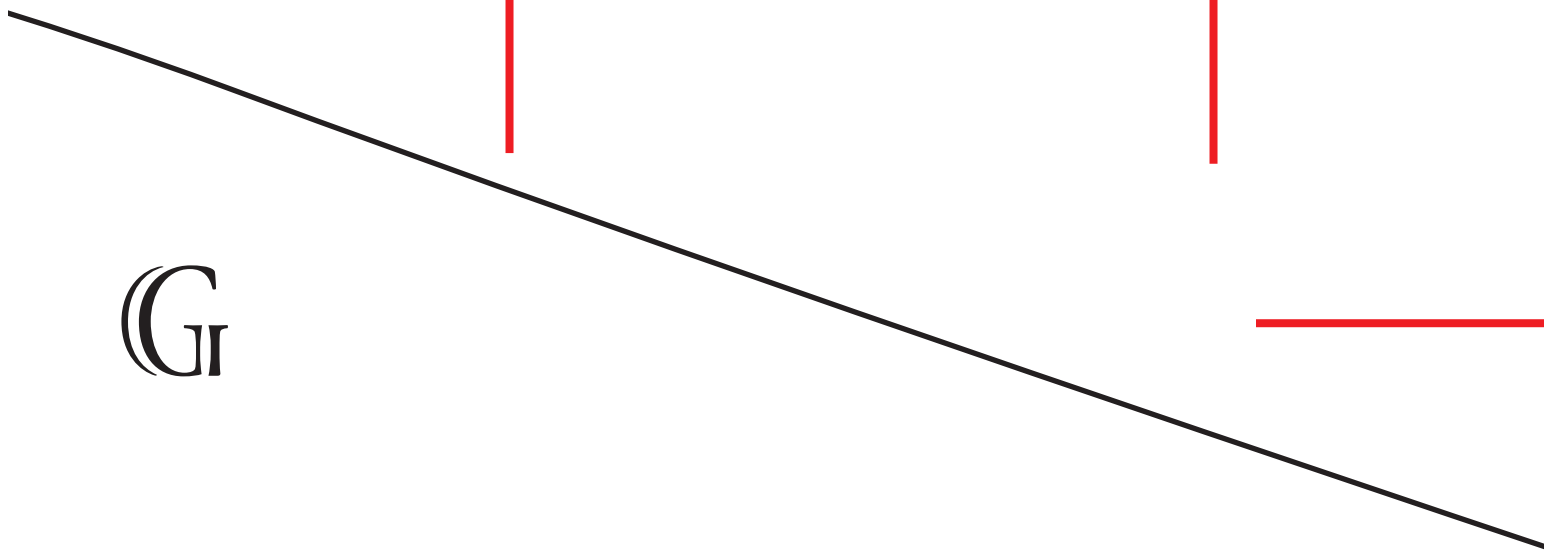
FULL combined movement is about 1 1/2 inch



Hand launch skeg

Engine nacelle, cut out 2.

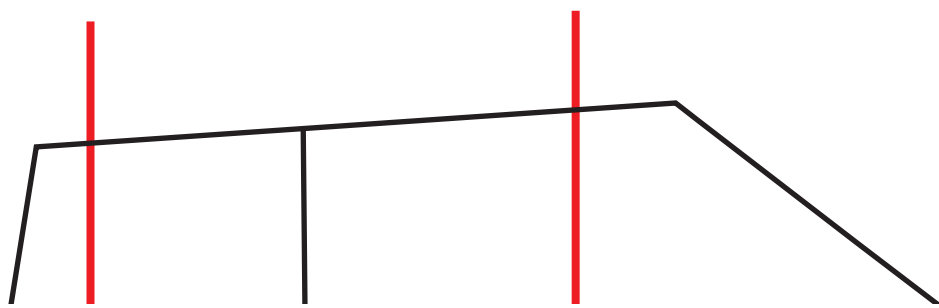
G

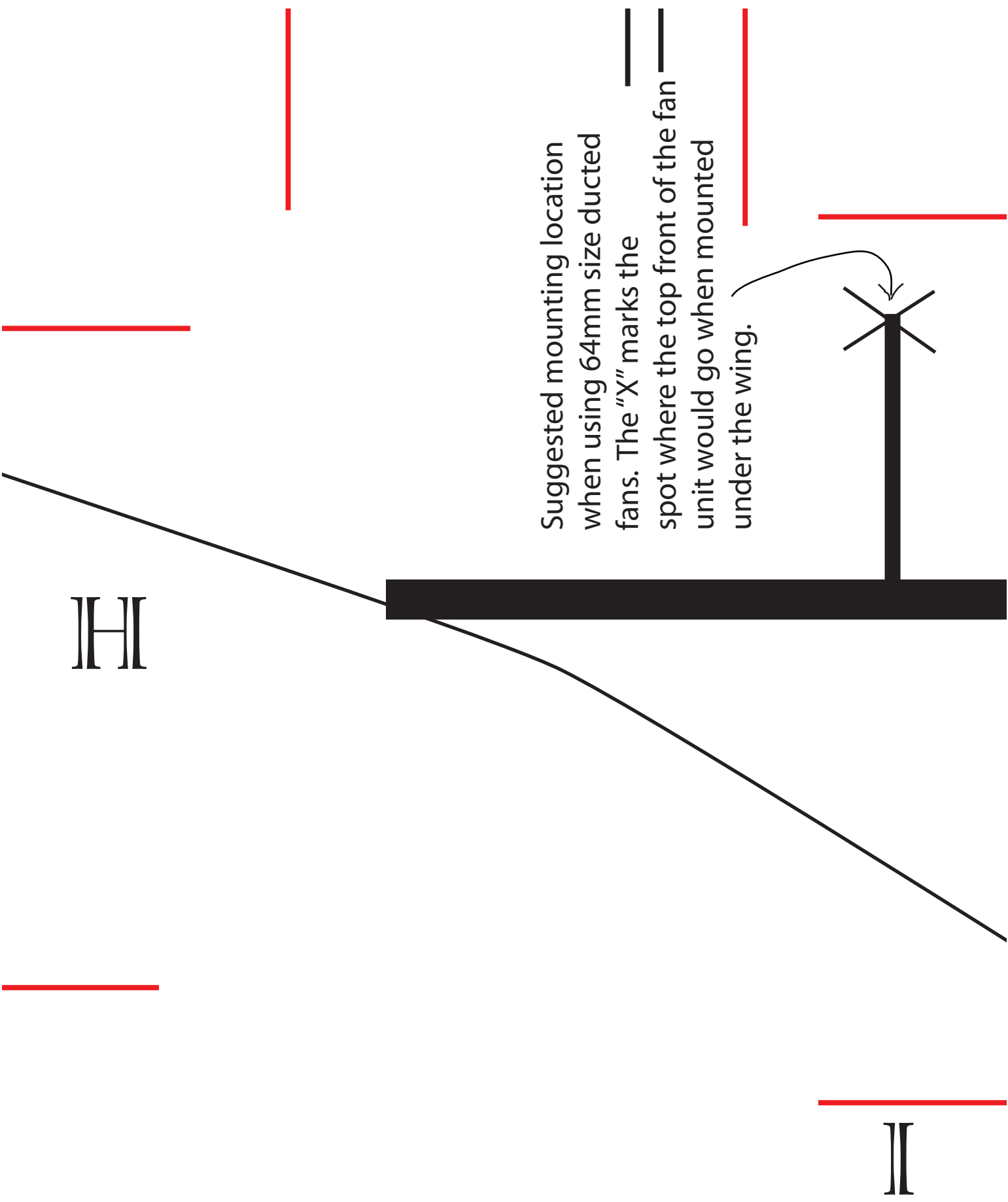


G



H





H

I

Mount LEFT engine nacelle here
on the bottom of the wing.



J

www.MikeysRC.com

II

J



Elevon Deflection

Elevator full up or down is about $3/4$ inch

Aileron full left or right is about $3/4$ inch

FULL combined movement is about $1\ 1/2$ inch

Plane Requirements

- *2 - 11.1V 1600-2200mAh 20C Li-po. batteries
- *2 - 4400kv brushless motor(s).
- *2 - 40 amp speed controllers.
- *2 - 64mm ducted fan(s).
- *3 - 9 gram servos.

Build Materials

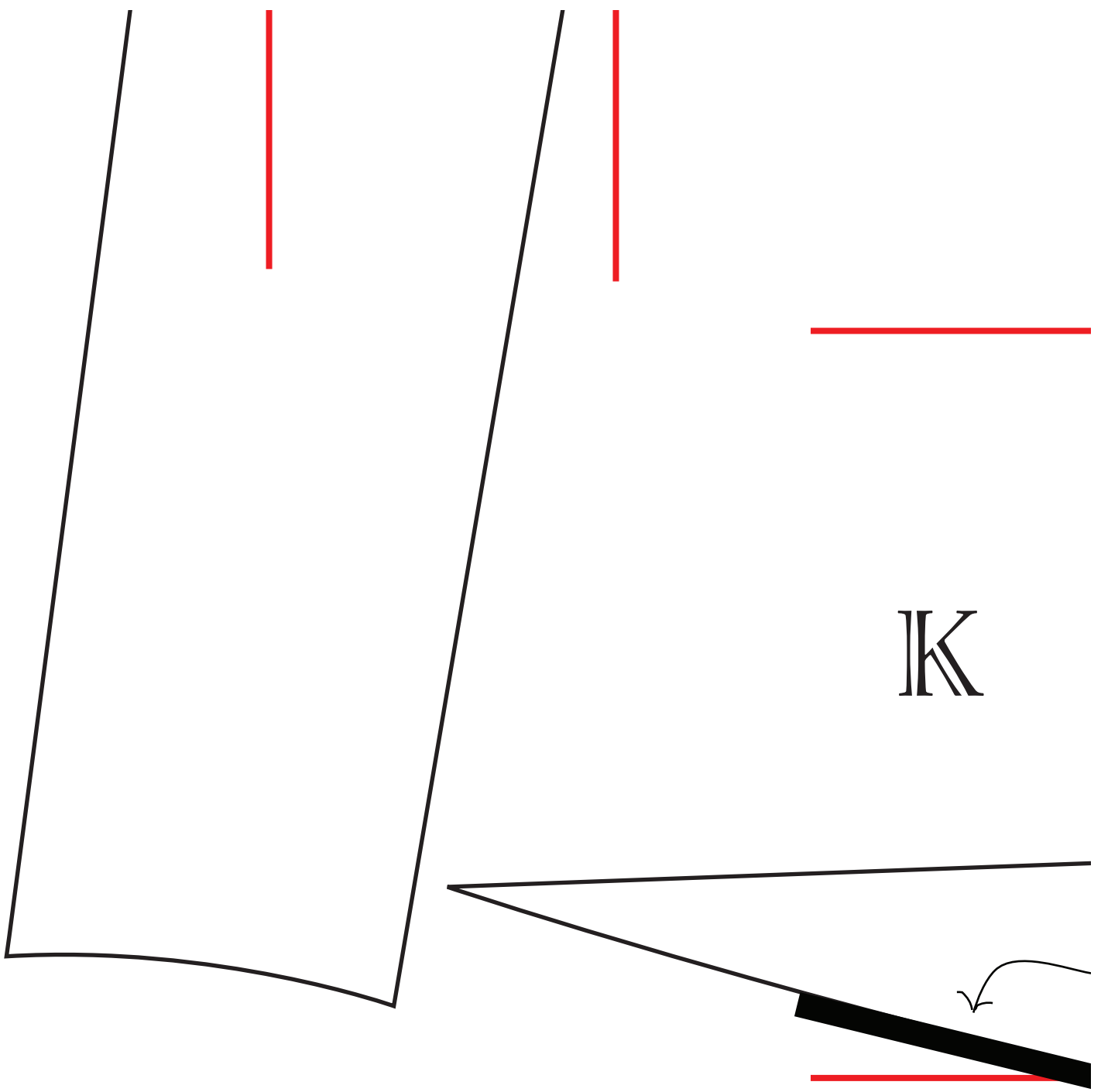
*40 inches X 32 inches sheet of roughly 1/4 inch Foam Core for the fuselage, wings and tail.

If you can't find one piece that large it's ok to glue smaller pieces together. use the size sheet of foam I mentioned above. You will still have just very tiny amount of the planes tail hang of the foam sheet. This is OK. Just cut it out from a scrap of foam and glue it on. Otherwise the rest of the pieces should fit with some careful planing.

- *About 12 popsicle sticks., regular size (NOT the fat tongue depressor ones)
- *16 gauge galvanized steel wire on a roll(from a hardware store) or RC pushrods. About 18 inches are needed.
- *Hot glue(BEST) or 5 min epoxy.
- *THICK packing tape for control surface hinges.
- *10 12 inch wooden BBQ skewers
- * Sticky backed velcro to hold down motor speed controllers (ESC) and batteries.

Important Note

This plane is very sensitive to motor thrust. Make sure both EDF's thrust is balanced. It helps to use exact duplicates of everything. Same EDF's, same motors, same ESC's!



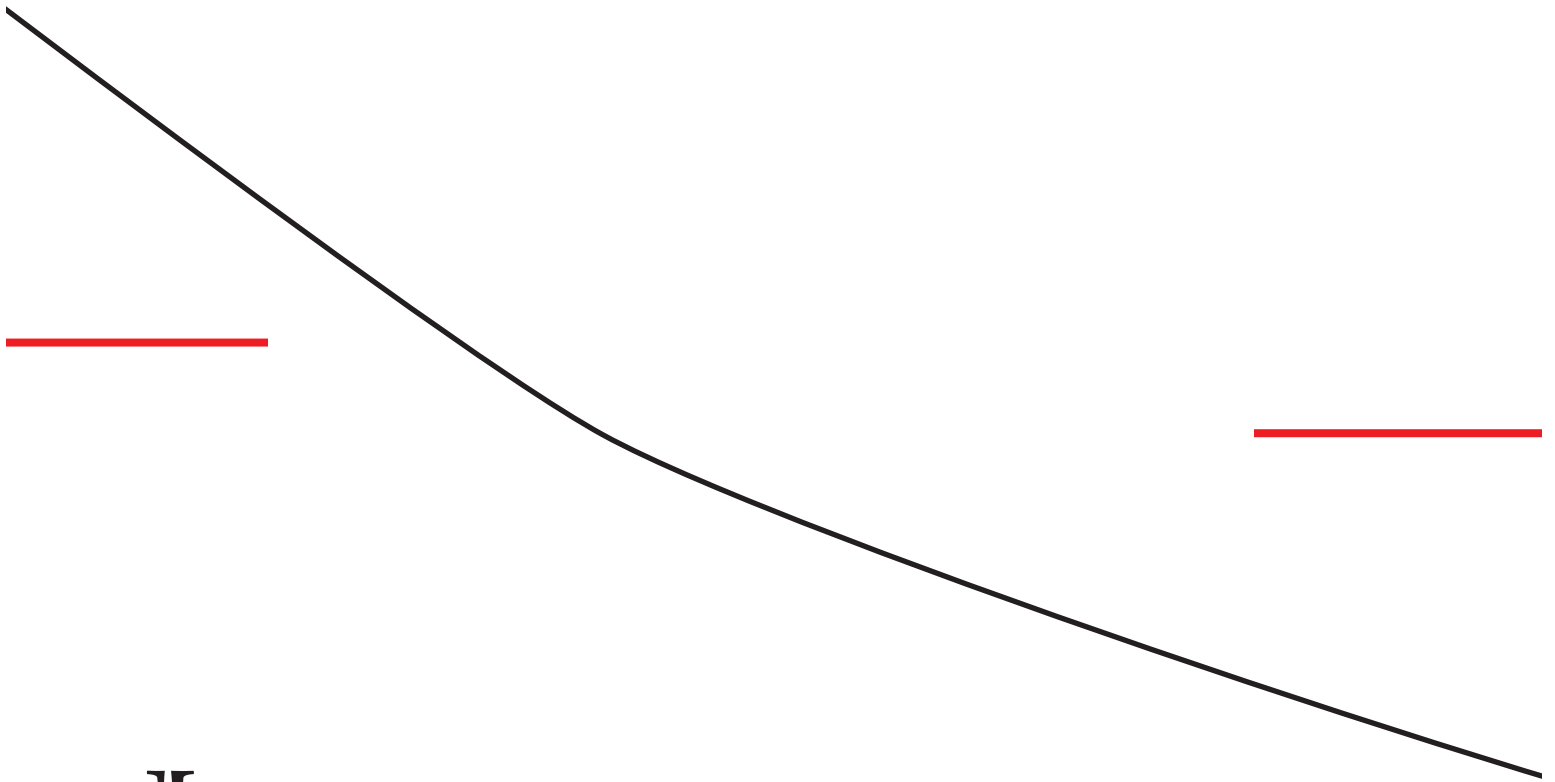
K

Rudder Deflection
1 1/4 inch left and right

L

Measure deflection here.

Glue popsicle stick here for tail landing skid.

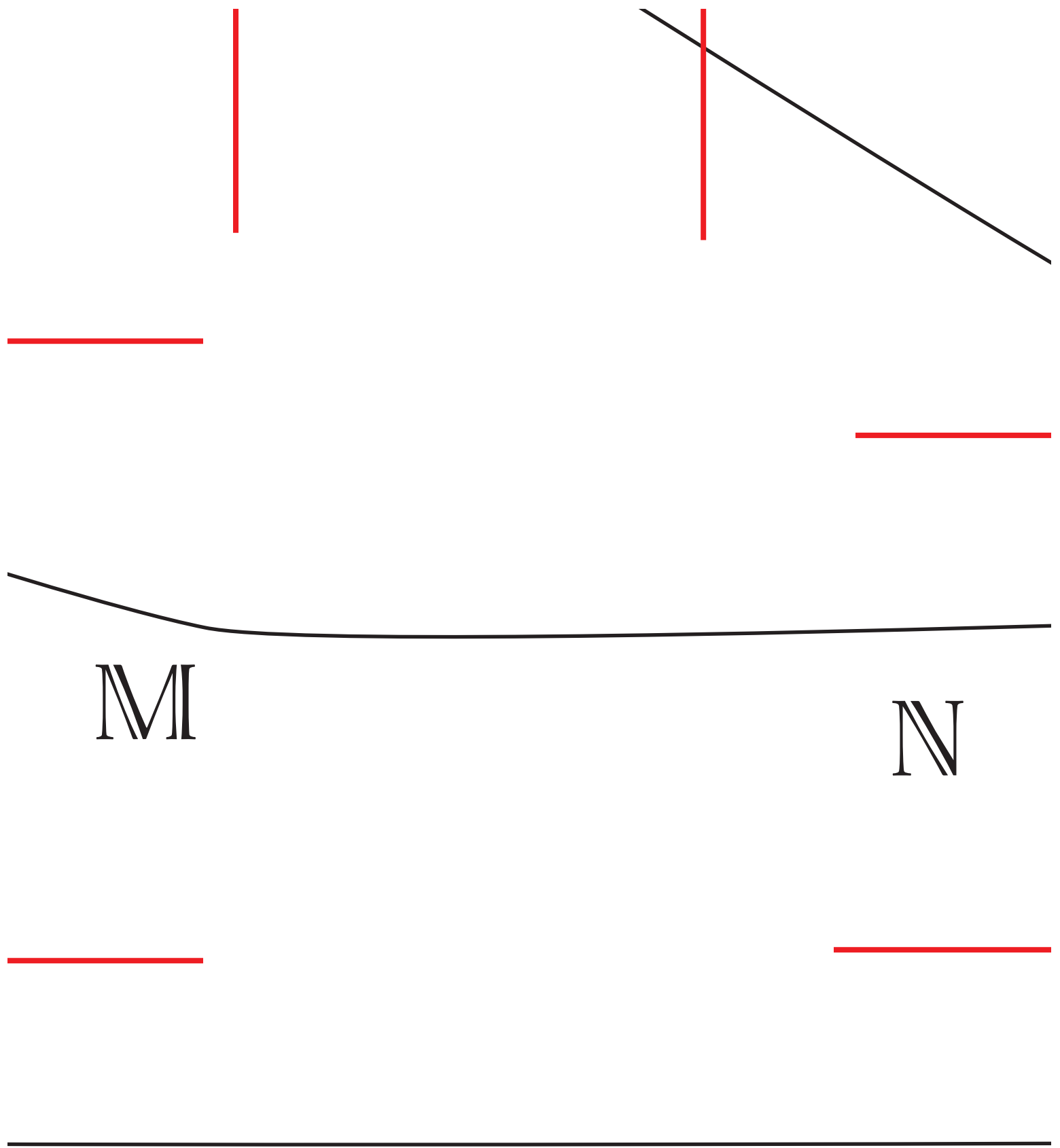


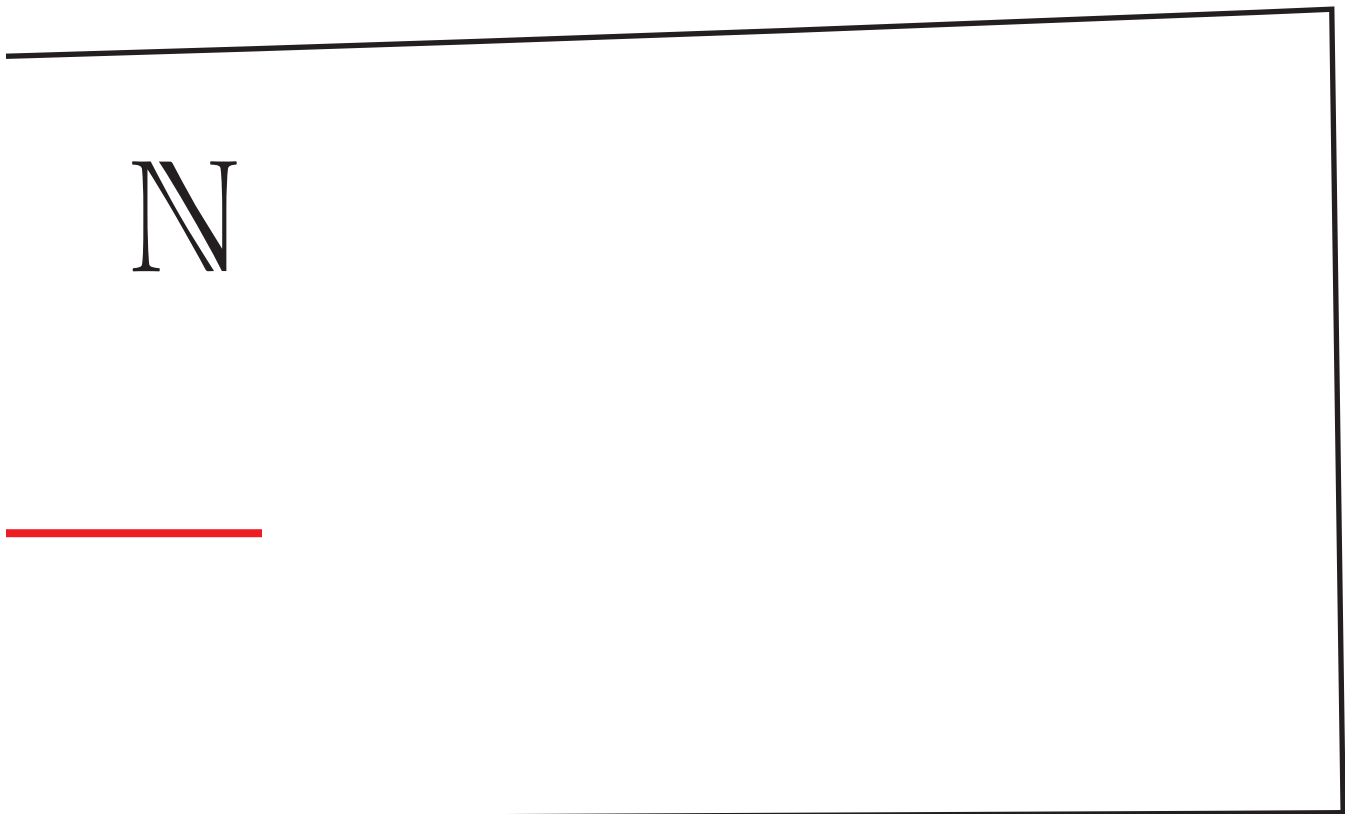
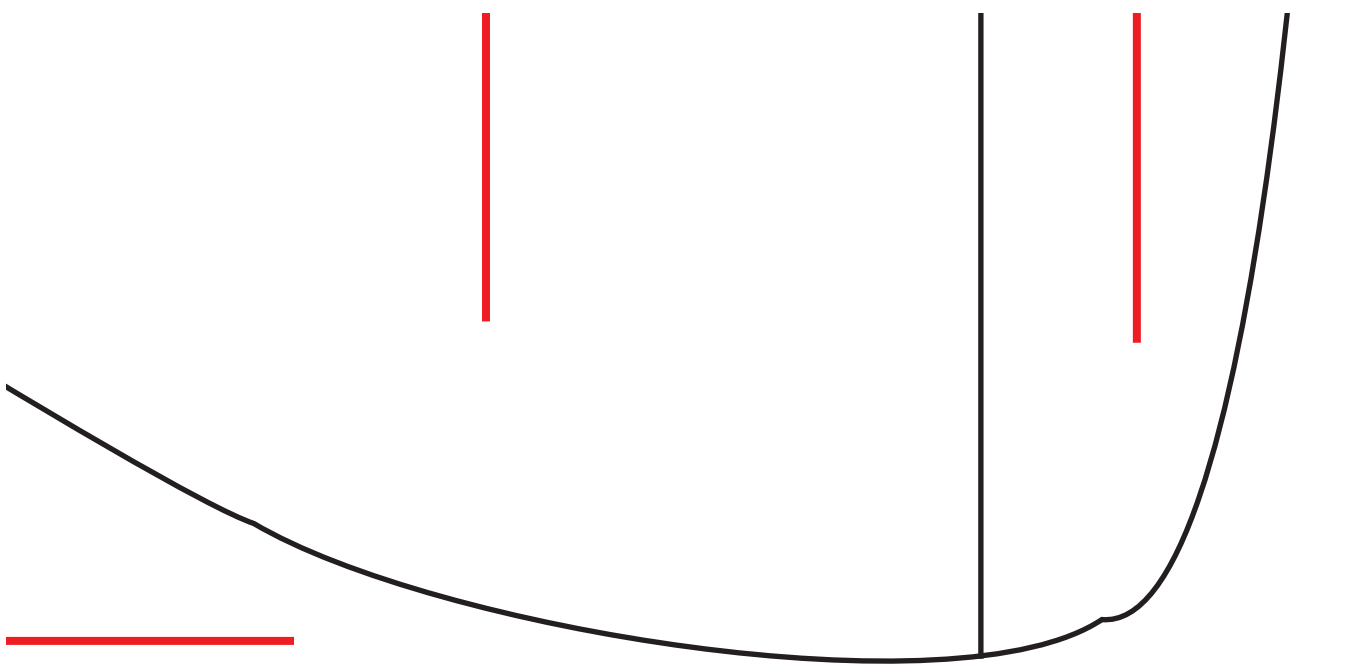
IL

MI

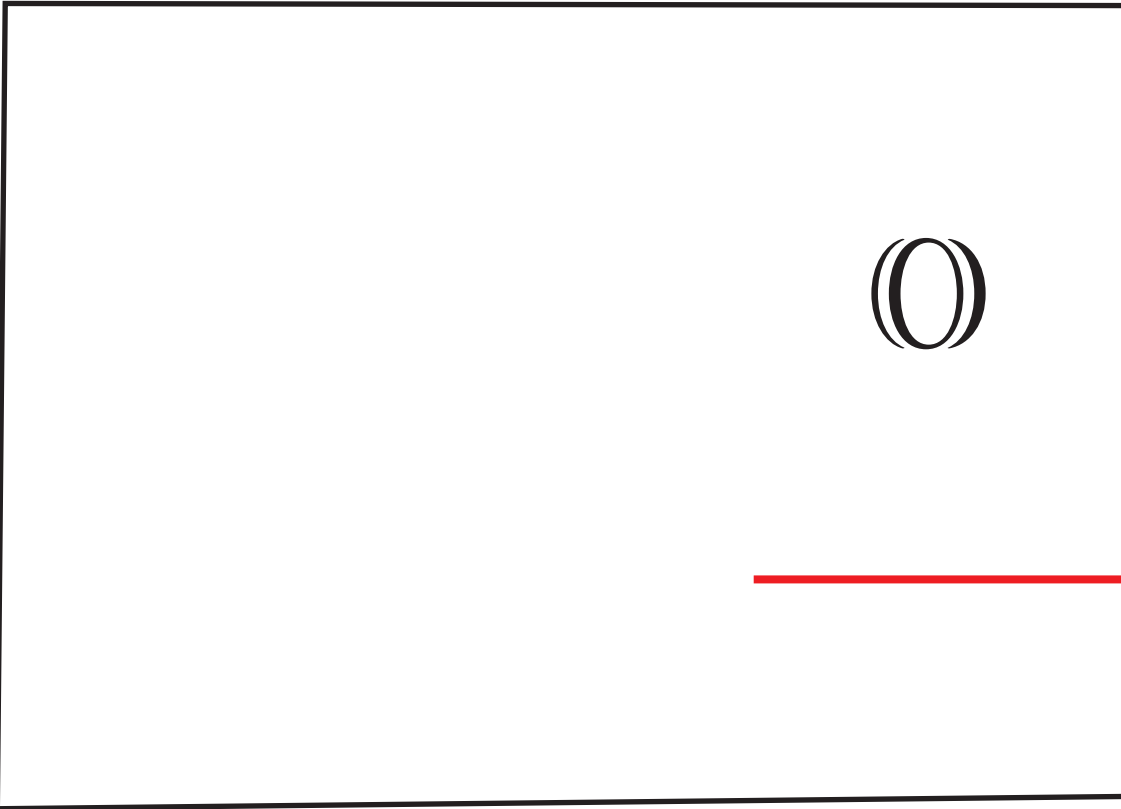
Line up the back of the
huge wing section here.







N



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IP

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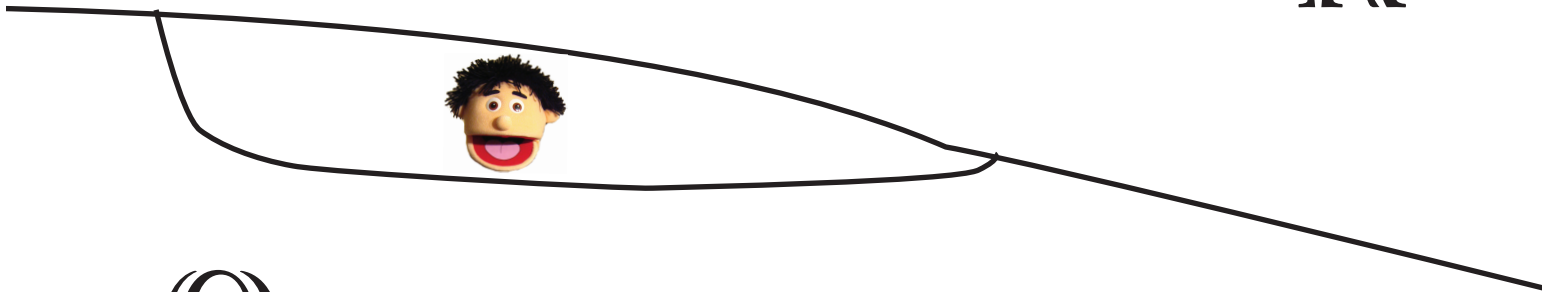
P

Q





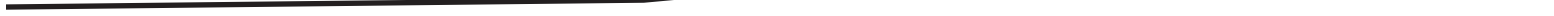
R



Q



Glue popsicle stick here for nose landing skid. —





IR

