Rc-Help

Your Rc Information Source!

12.7cm 5in.

Print this page first and check this scale!
Do Not Use Pagescaling

Backup the skewer holes with anothe

5in.

12.7cm

You can use these plans with a landing gear. This is a tail dragger, and you can use a skewer in the rudder as the tail wheel. Below is the lowcation of the maing gear. Keep it forward of the Center Of Gravity by atleast an inch. But no farther forward than the top of the windshield.

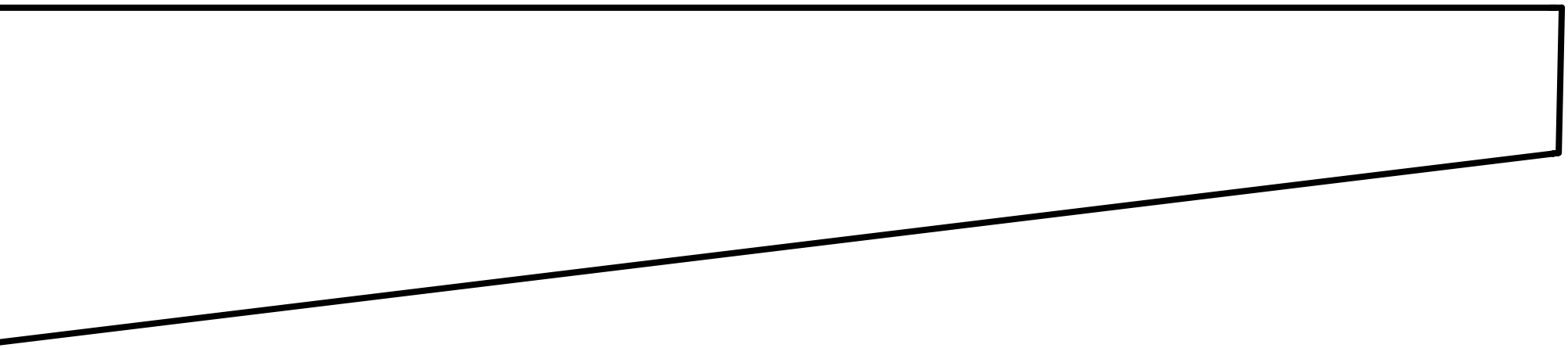
Landing Gear Location

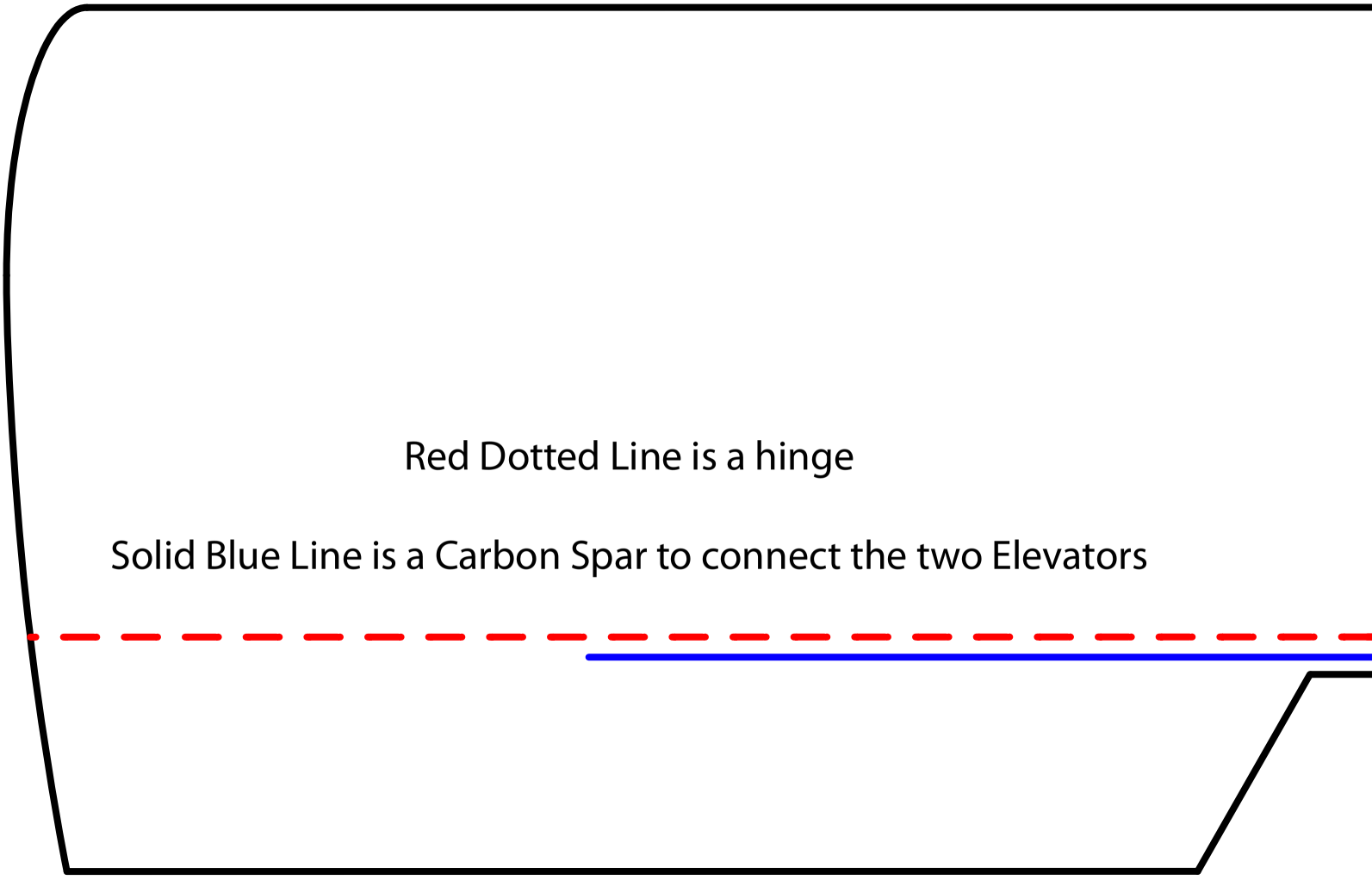
r sheet of foamboard

Red Dotted line is a hinge
Solid Blue Line is Carbon Spar
Solid Black Line is cut line

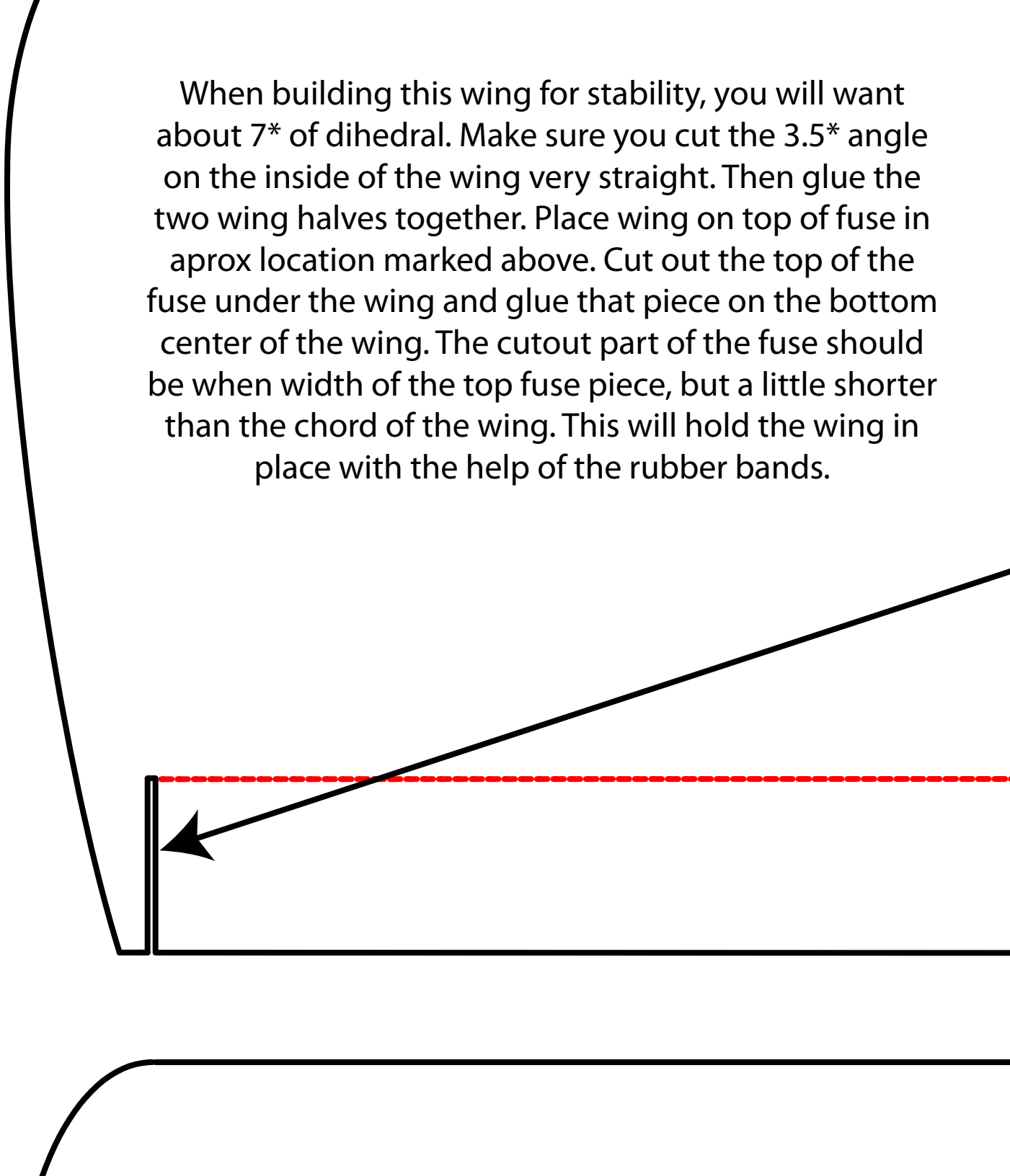
Aprox. Rudder & Elevator Servo Location. One on Each Side

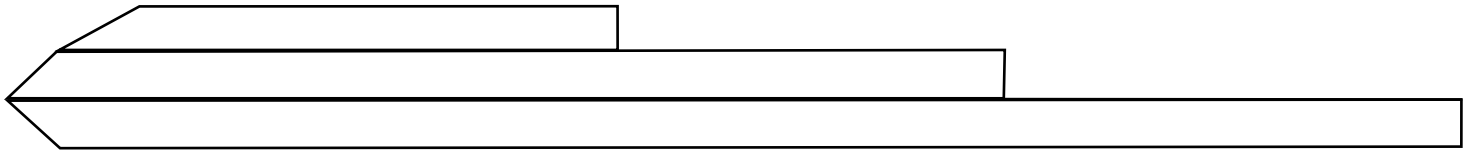
x2




Red Dotted Line is a hinge
Solid Blue Line is a Carbon Spar to connect the two Elevators

When building this wing for stability, you will want about 7* of dihedral. Make sure you cut the 3.5* angle on the inside of the wing very straight. Then glue the two wing halves together. Place wing on top of fuse in aprox location marked above. Cut out the top of the fuse under the wing and glue that piece on the bottom center of the wing. The cutout part of the fuse should be when width of the top fuse piece, but a little shorter than the chord of the wing. This will hold the wing in place with the help of the rubber bands.





This is the side profile of the Kfm3 wing. You must cut the angles on the leading edge of the wing for better airflow. Leave the 90* angle on the trailing edge for proper lift.

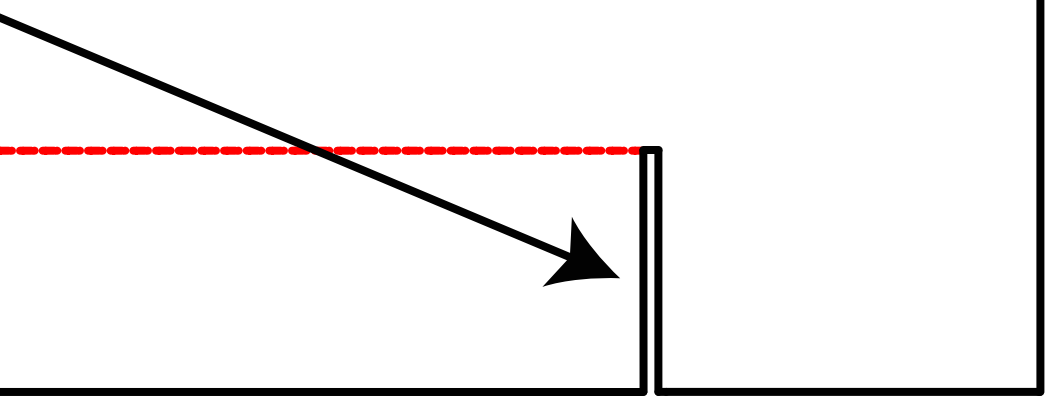
Main Wing x2

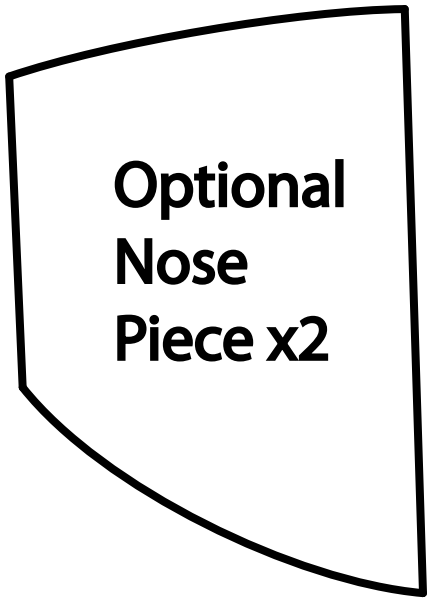
Sides of Ailerons should have 1/16" gap

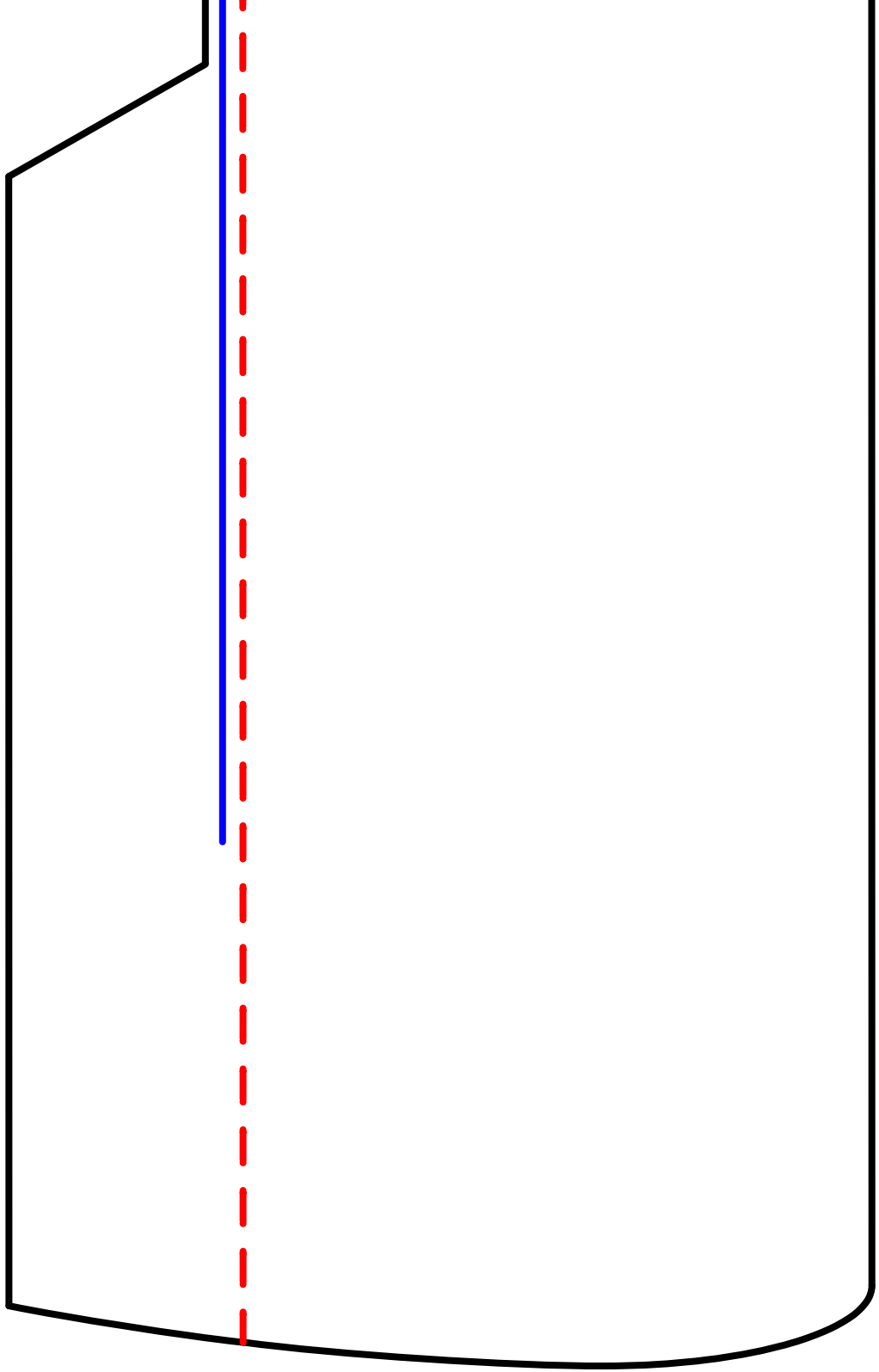
Red Dotted Line is the Aileron Hinge

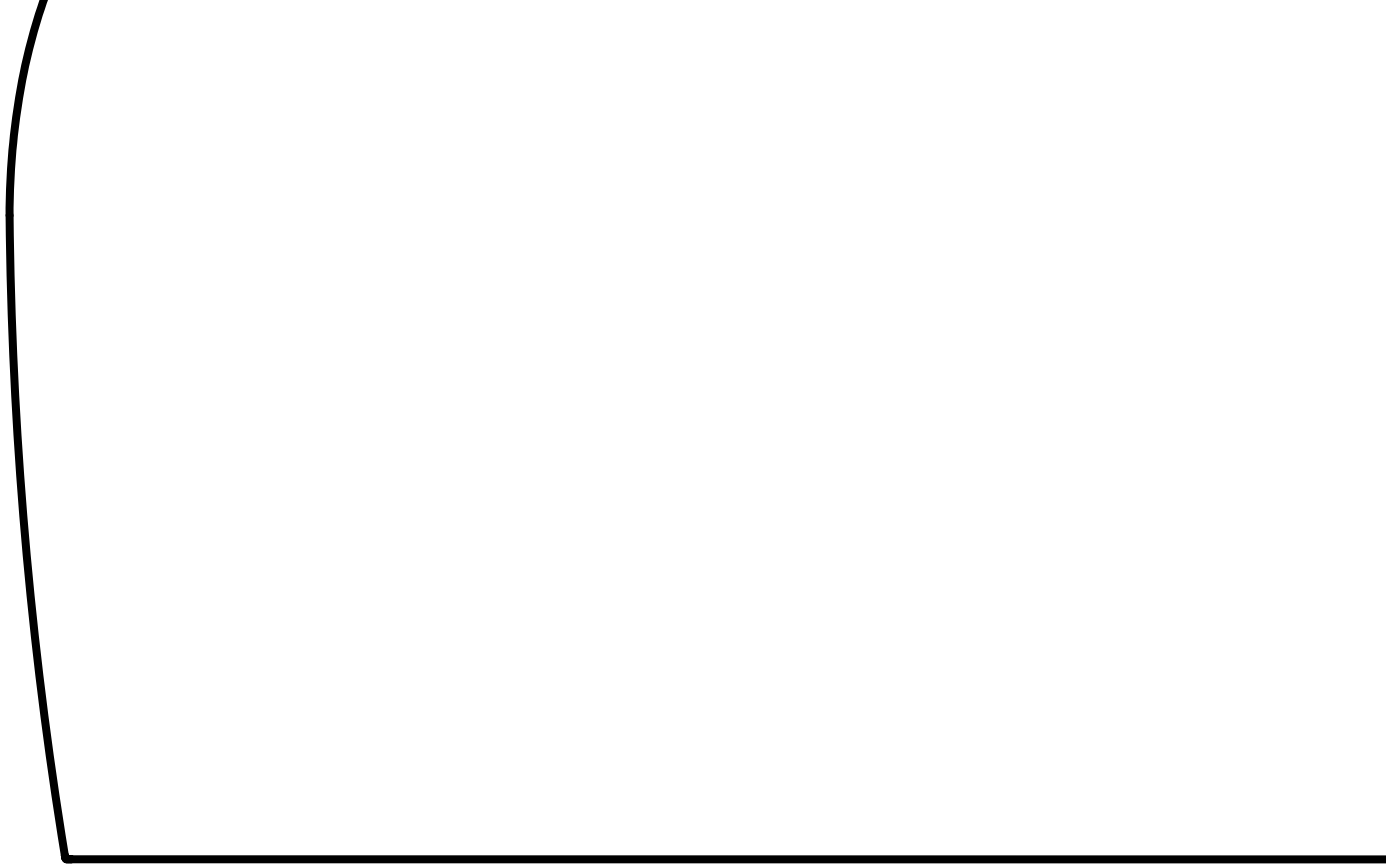
Aileron. Can be split for flaps

Aprox location of Aileron Servo. Mount in botton sheet of foam, cut all the way through. Servo will be glued to the center sheet of foam.



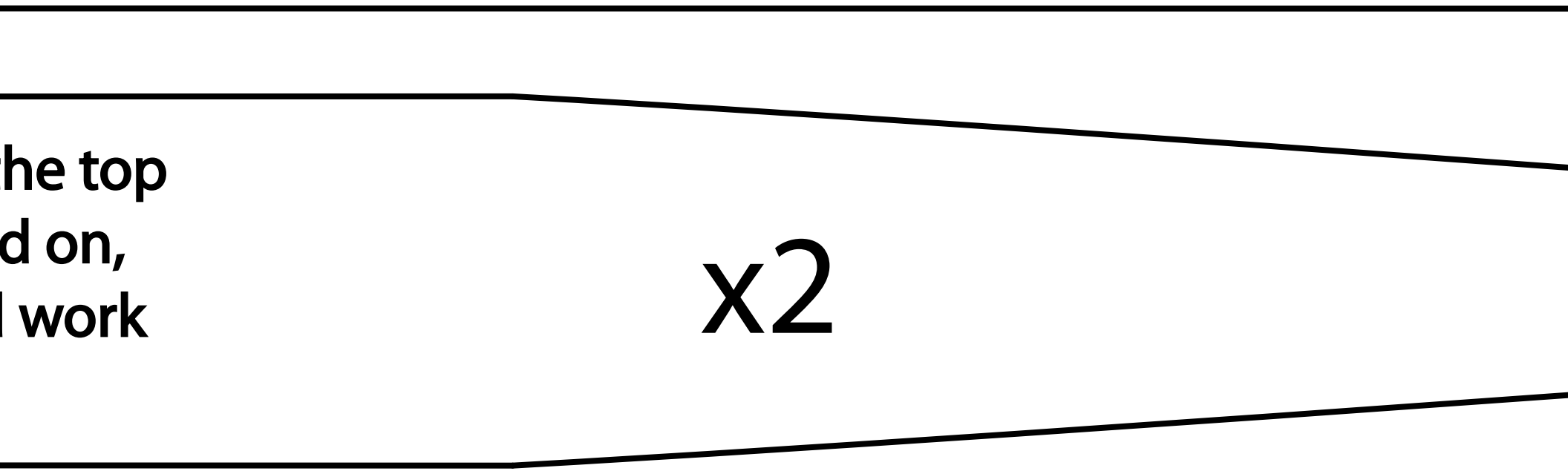


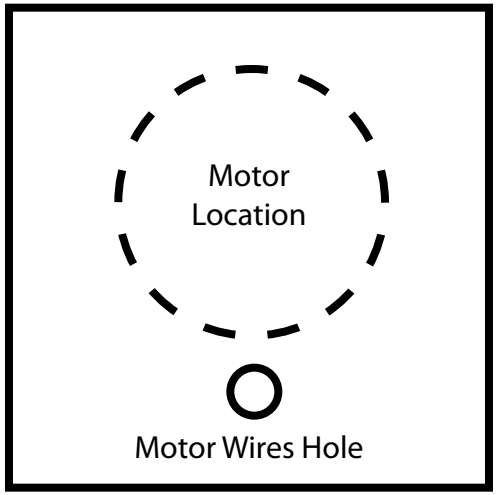




This is the top and bottom of the fuselage. You will glue t
and bottom to one of the sides, and after both are glue
then you will glue on the other side. Start at the tail, and
your way forward. Trim off any excess material.

Middle KFm x2



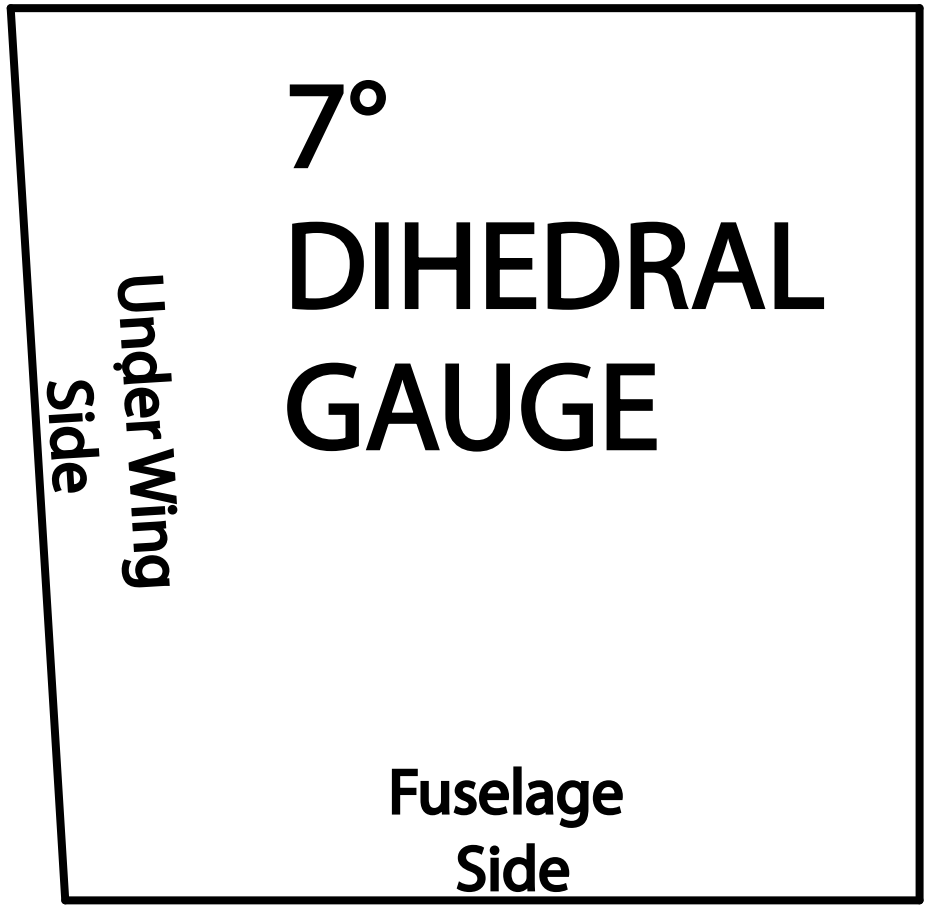


Front Motor Mount

Peel one layer of paper off the foamboard, and glue to the front of the plane fuse. Trim off excess.

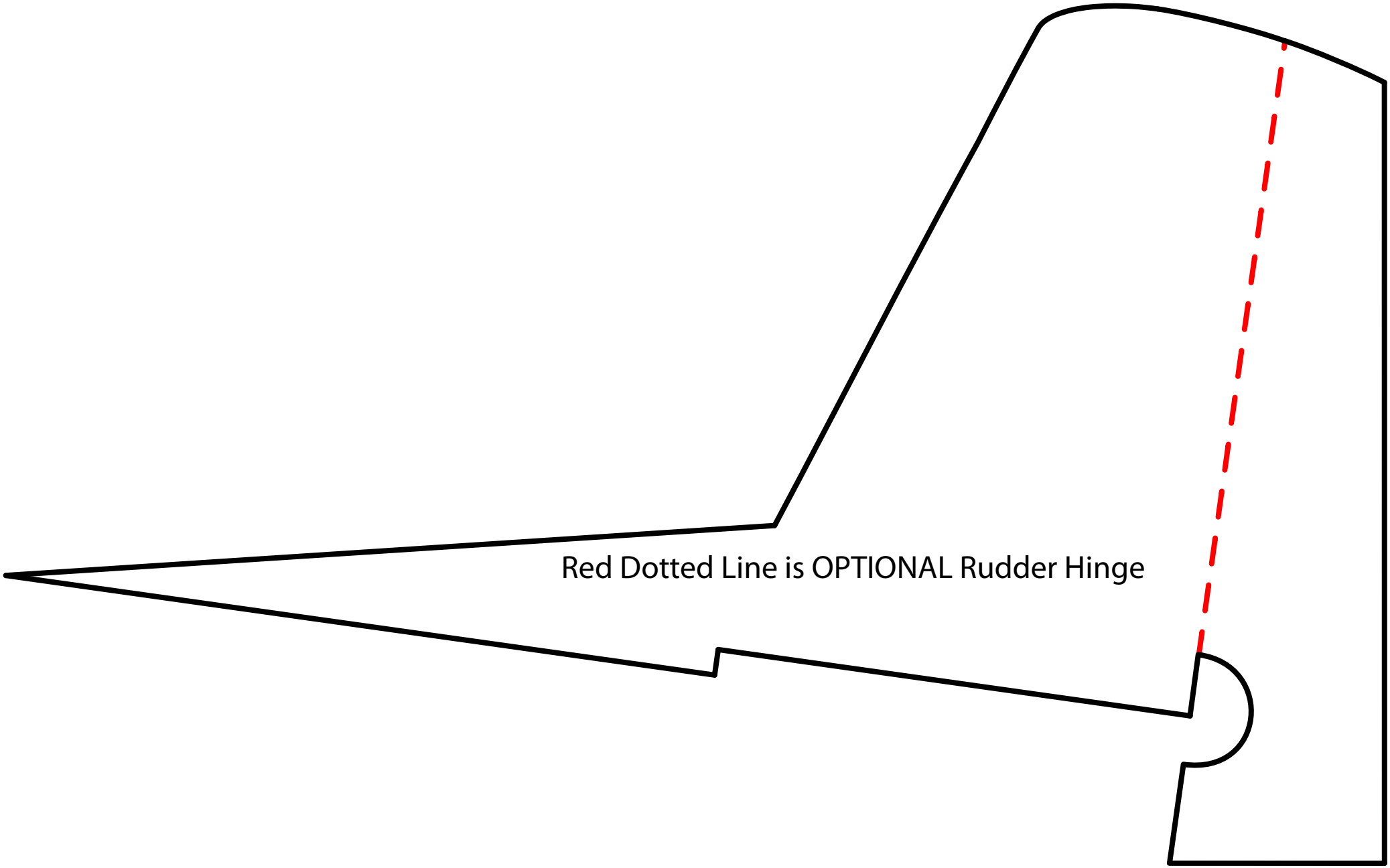
Mount 1/8" plywood on front with hot glue for mounting the motor to. Blind Nuts are very handy. We use 4-40 size screws.

Round Circle is Aprox Location of motor.


7°
DIHEDRAL
GAUGE
Under Wing
Side
Fuselage
Side

Top KFm x2

If you would like more of an acrobatic airplane, put this piece on the top and bottom of the main wing. This will cause the plane to be fast, and agile, even inverted. You will not use the middle Kfm sheet if you do this.


Red Dotted Line is OPTIONAL Rudder Hinge