Rc-Help

Your Rc Information Source!

12.7cm 5in.

Print this page first and check this scale!

Do Not Use Page scaling

If you need any help building the Rc-Help Trainer, Please visit the link below. We have a full line of videos to help you get into the air!

http://www.rc-help.com/content.php/304-rc-help-trainer-airplane

Motor: 60g 1000kv 3s (I use the 2215-1300 Exceed Rocket motor)

ESC: Exceed 30a (Could go 40a to be safe)

Battery: 2200mah 3s 30c

Prop: 10x6 - 11x5.5 Servos: T-Pro 9g Blue

Control Horn, Dubro Sma

Control Horn: Dubro Small

RC#-Thainch

You can use these plans with a landing gear. This is use a skewer in the rudder as the tail wheel. Below location of the main gear. Keep it forward of the Ceinch. But no farther forward than the top of the wir

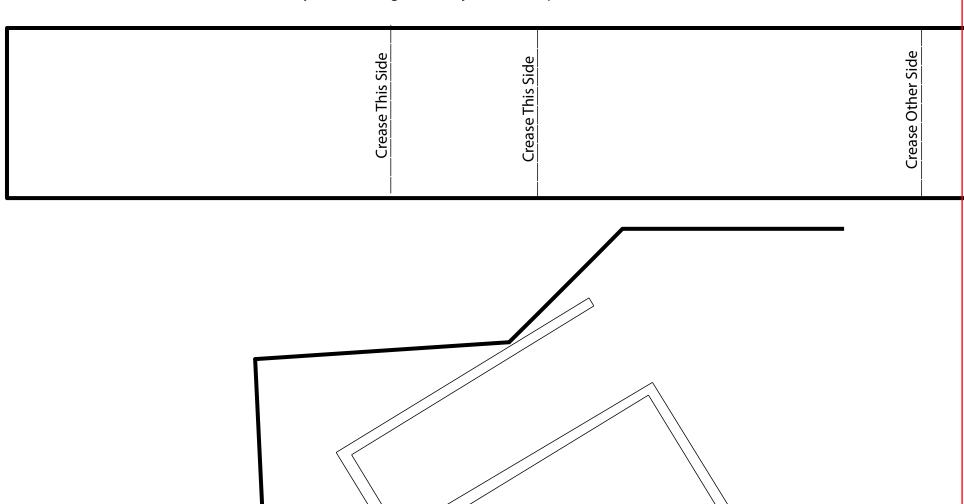
Landing Gea Location

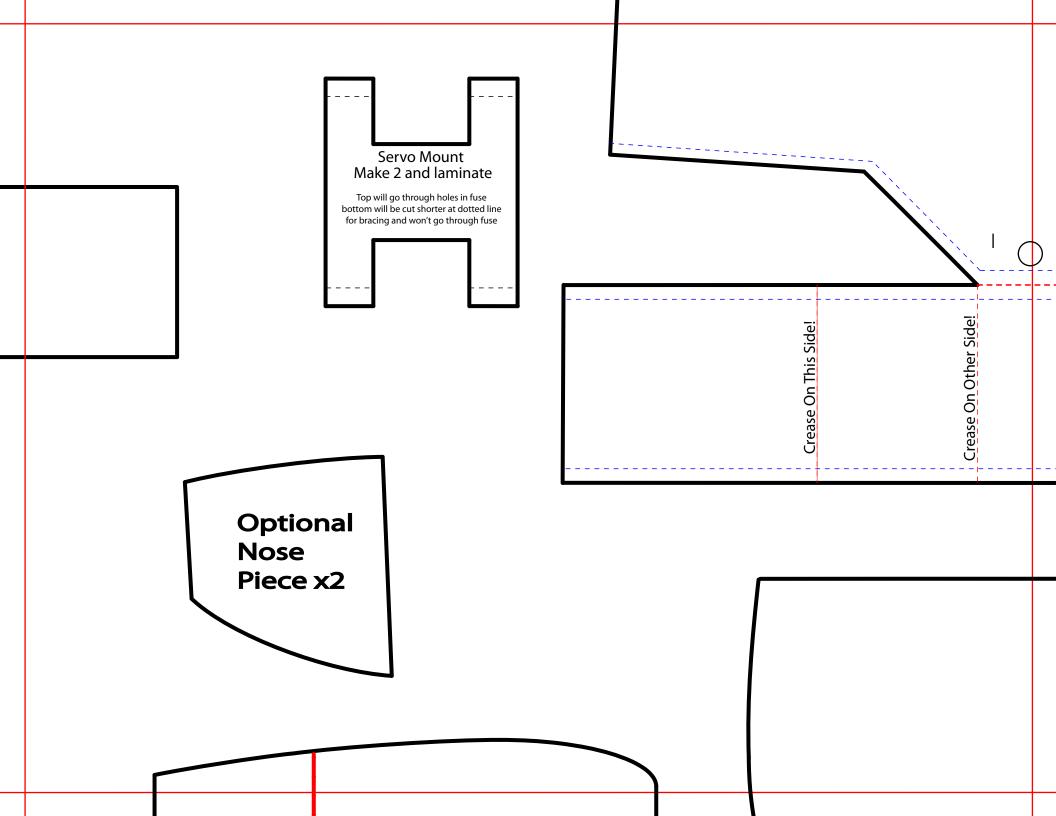
Red Lines are FOLDS. This is where you will fold the plane over to Blue Lines are 45° angle cuts. Cut a 45° angle either towards the Green Lines are for a CREASE. Use a ruler, spatula or other item to

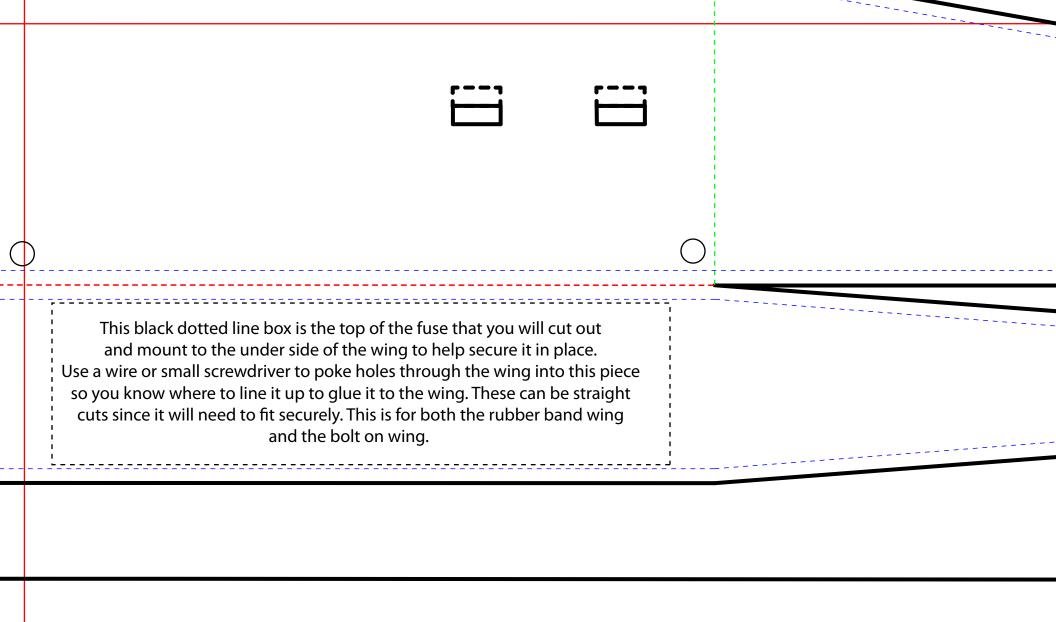
	Backup the skewer holes with another sheet of foamboard	
	Red Dotted line is a hinge Solid Blue Line is Carbon Spar Solid Black Line is cut line	
Belo the he	s is a tail dragger, and you can ow is the Center Of Gravity by atleast an windshield. These holes are for the servo mount. Dotted line is the second piece you cut try to only cut the inside and leave outside intace the proof of the servo mount. Dotted line is the second piece you cut try to only cut the inside and leave outside intace DO NOT CUT DOTTED LINE REFERENCE ONLY	:t
rds	er to make a 90° bend the red line, or to the outside of the plane. With this sheet laid out, all 45° cuts will be on the same side. m to press into the foamboars so it's easier to bend. Pay attention to which way you need to bend the foa	m and crease on the correct side!

The elevator will now slide into the slot you see in the fuselage. There are marks on the elevator here on the plans to show how to line it up. The gray mark on the elevator should line up with the outside of the fuseleage when mounted. There is 2° of built in up angle in the elevator if you cut the plans exactly straight. This will help with slow flight but may make the plane nose up when going fast.

This is the new battery tray. You will crease this and insert it into the nose of the fuselage. Care should be taken as this will be your primary weight for CoG. This will not only secure your battery, but will also help protect it if you crash nose first from the motor bolts. It should look like the image below once bent from the side. Make sure to fit this to YOUR battery. The crease guides are just an example.

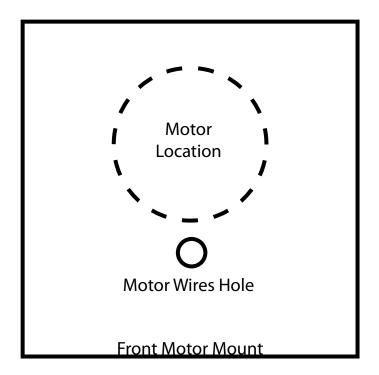






Top KFm

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n x /	
x2	
	

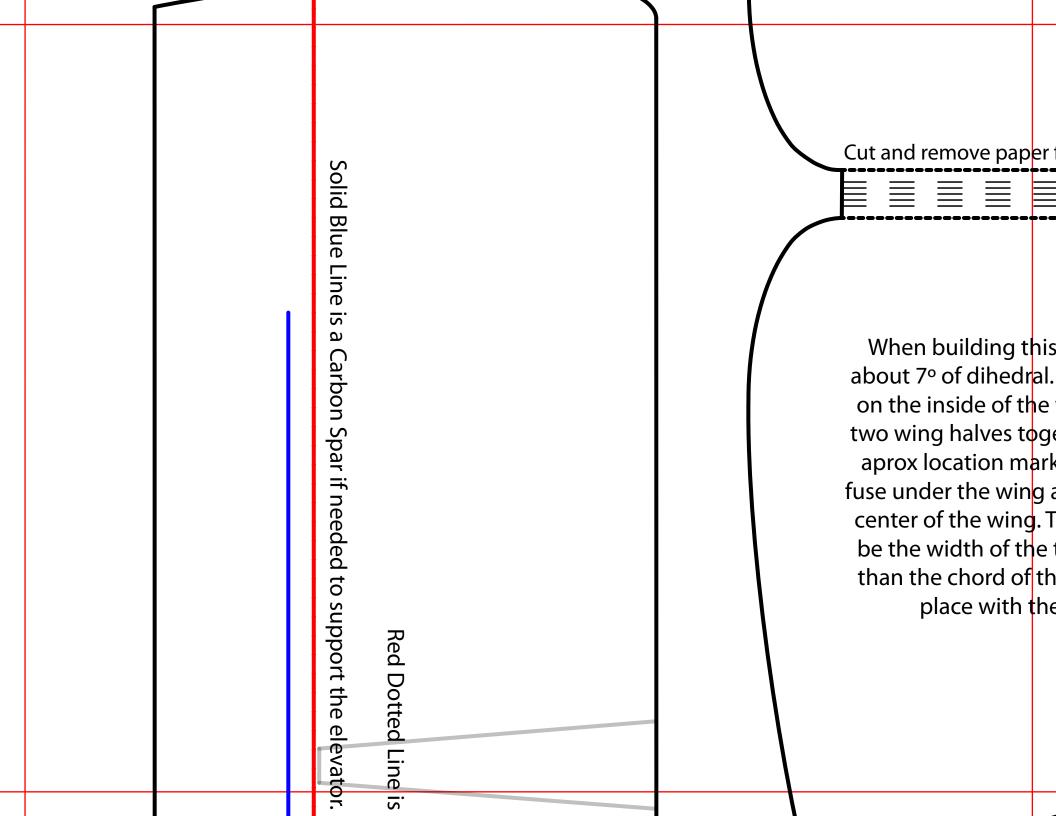


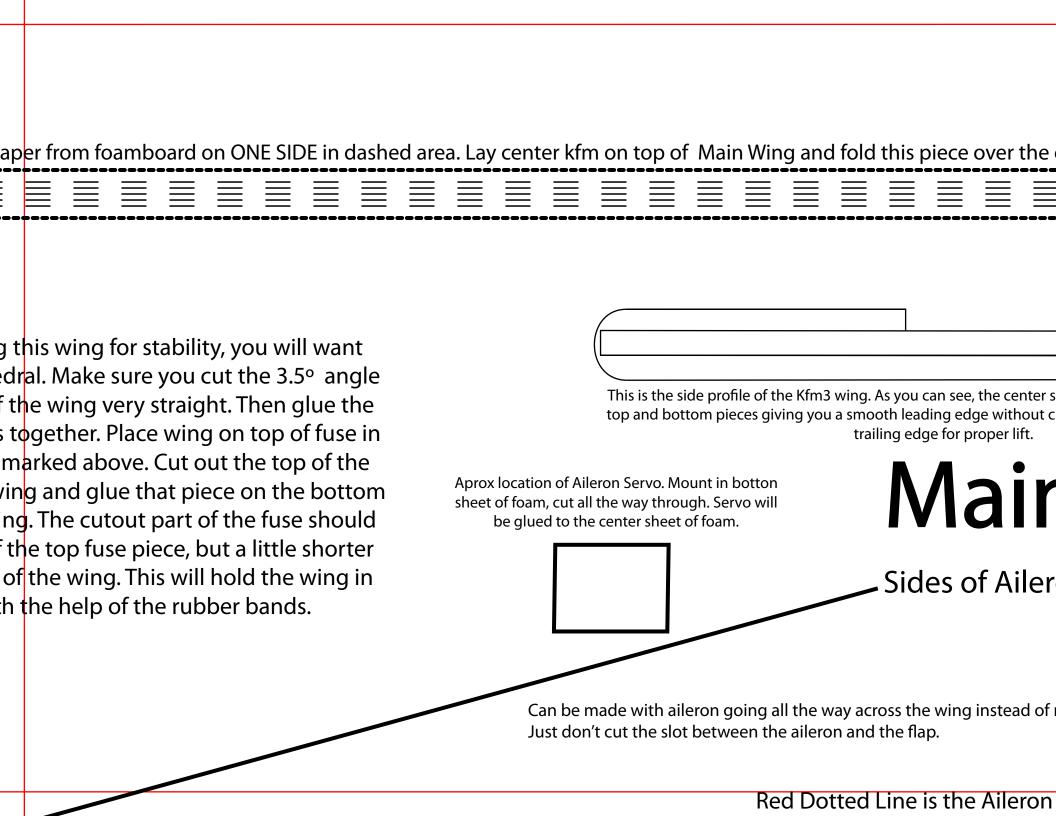
Peel both layers of paper off the foamboard, and glue to the front of the plane fuse. Trim off excess.

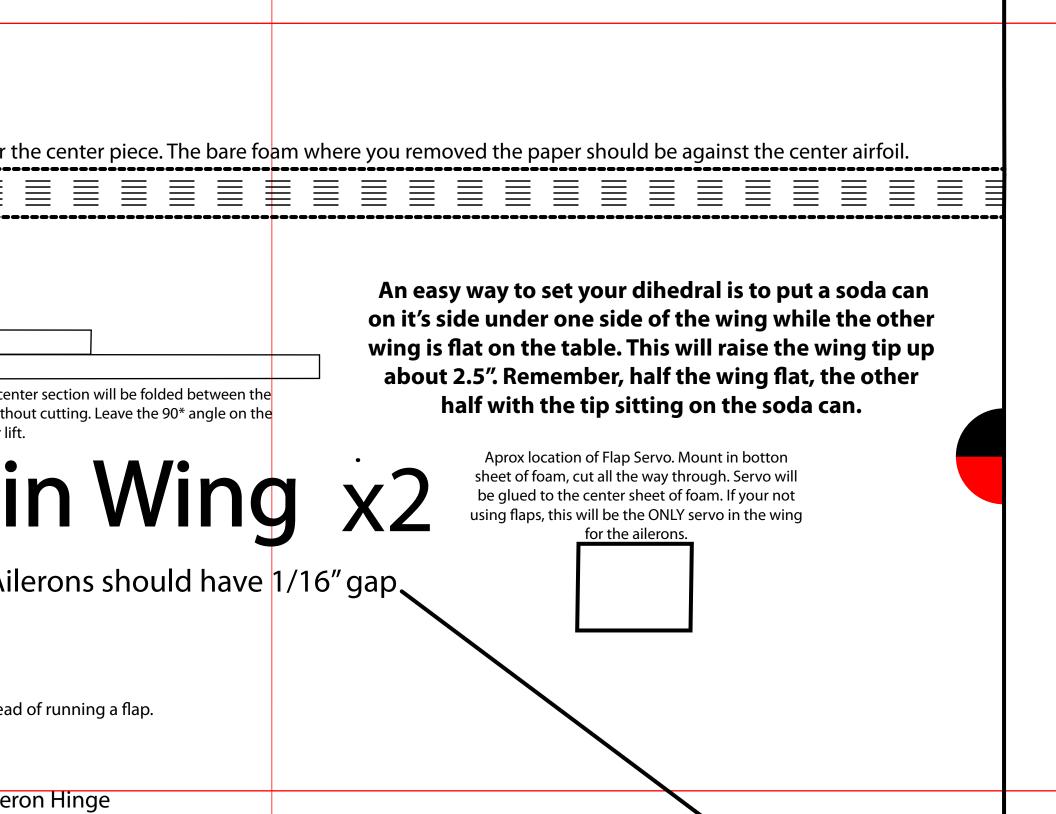
or

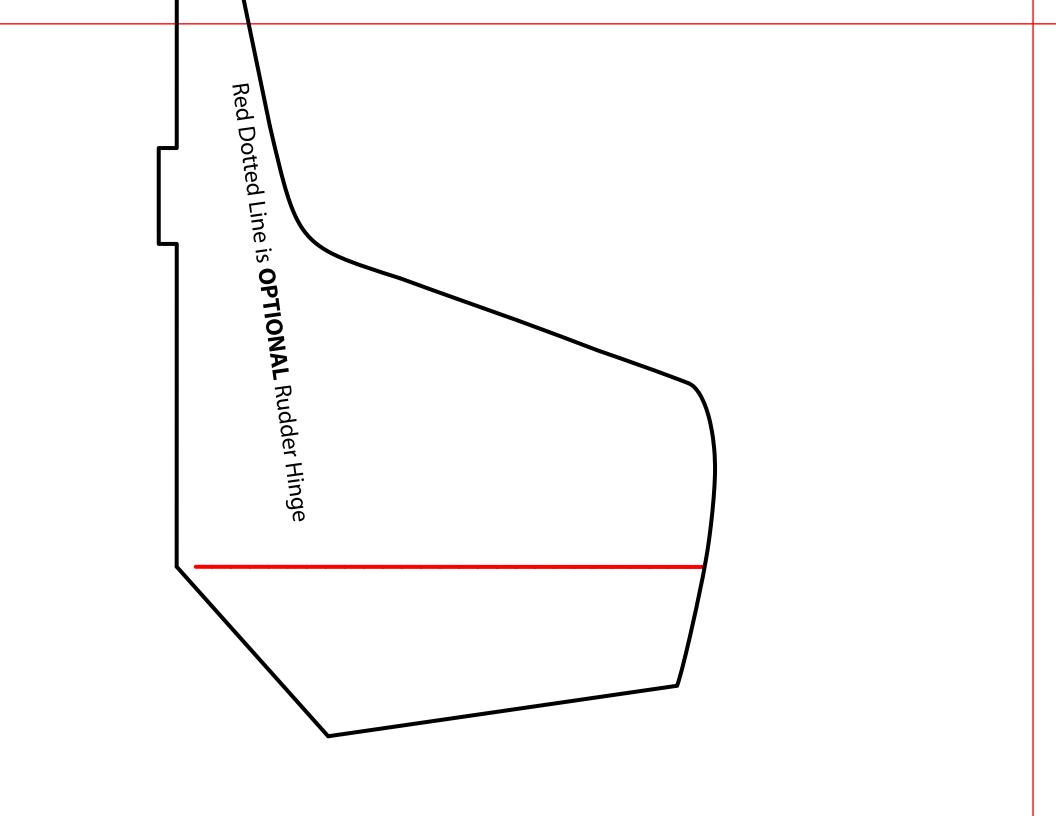
Mount 1/8" plywood on front with hot glue for mounting the motor to. Blind Nuts are very handy. We use 4-40 size screws.

Round Circle is Aprox Location of motor.









	ne i		
	ne is a hinge ator. This may not be needed with the new elevator design.		
	t be needed		
	with the ne		
	w elevator d		
	esign.		

Aileron

Max deflection 45°

Fla

Middle KFr

You can omit this piece if you wish to same fold method as shown, there just You may need to brace the wing with

If using flaps, make a straight cut down from the top of the wing for the hinge. No need to make a V cut as it only folds one way for landing and take-off.

m x2

to use the kfm2 airfoil. Use the just won't be a center kfm3 piece. th some 3mm carbon spars.