

# CorroWot Version 2

## A SMOOTH FLYING SPORT DESIGN MADE FROM CORRO

CORROWOT IS A GOOD NATURED GENERAL SPORT MODEL THAT WOULD MAKE A GREAT SECOND MODEL AFTER YOUR BASIC TRAINER, DESPITE ITS EASY HANDLING IT IS CAPABLE OF MOST AEROBATICS. ALTHOUGH CORROWOT IS SIMPLE TO MAKE IT IS NOT RECCOMENDED FOR THE BEGGINNER IN SPAD CONSTRUCTION, FOR HELP BUILDING SPAD'S VISIT [WWW.SPADTOHEBONE.COM](http://WWW.SPADTOHEBONE.COM) & [WWW.SPADWORLD.NET](http://WWW.SPADWORLD.NET)

### DIMENSIONS

WINGSPAN 48"  
ENGINE SIZE .46 - .53  
DRY WEIGHT 5LB 3OZS  
WING LOADING 21 OZ/50 FT

### POSSIBLE MODIFICATIONS

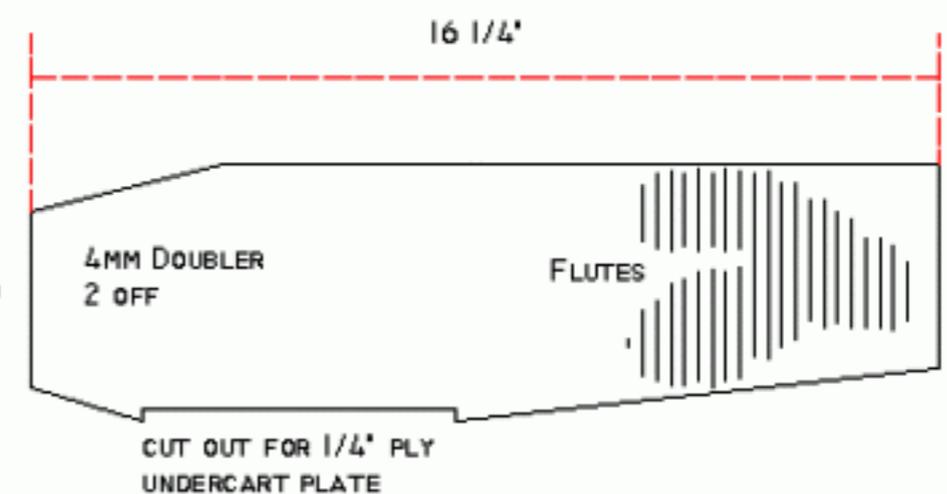
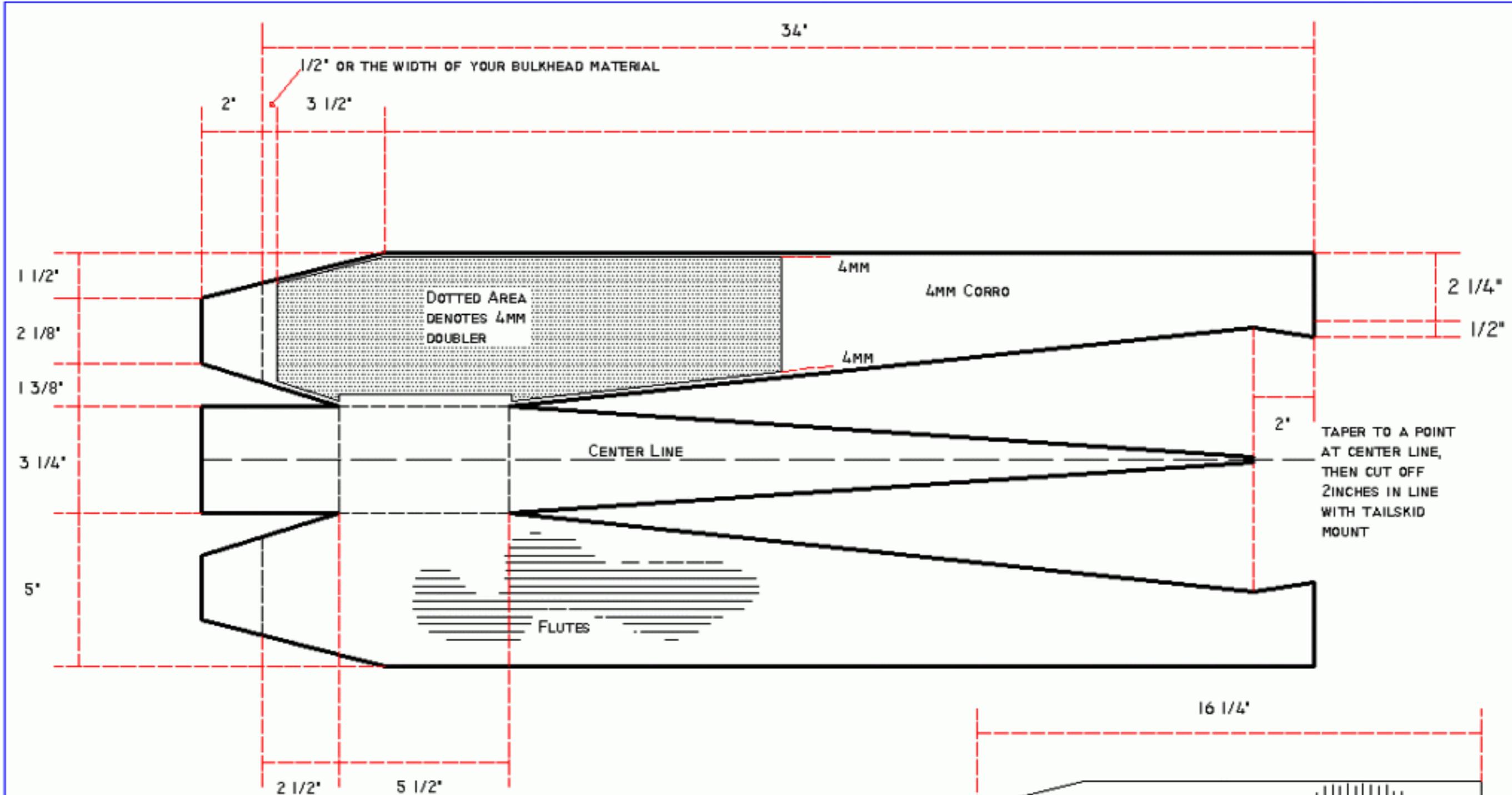
WINGSPAN INCREASE FROM 48" TO 54"  
TO LOWER WING LOADING, 54" WING WITH  
TAPERED CHORD AND SPAR, WIDER WING  
WITH DIHEDERAL TO MAKE IT FLY MORE  
LIKE A TRAINER.

### DISCLAIMER

MODEL AIRPLANES CAN BE VERY DANGEROUS AND CAN CAUSE DAMAGE TO PROPERTY, PERSON, INJURY AND EVEN DEATH. YOU MUST ACCEPT FULL RESPONSIBILITY FOR ANY DAMAGE OR INJURY'S INCURRED WHILE PROCCURING MATERIALS, BUILDING AND FLYING. THIS PLAN IS FREE, AND PROVIDED AS A GUIDELINE, WITH NO OBLIGATIONS. FOLLOW ALL RC FLYING RULES OF YOUR COUNTRY

FOR PICTURES, VIDEO AND BUILD INSTRUCTIONS VISIT [WWW.AVOIDINGTHEGROUND.COM](http://WWW.AVOIDINGTHEGROUND.COM)

PLAN VERSION 2.2 05/05/2005 YOU MAY FREELY DISTRIBUTE THIS PLAN, BUT DO NOT CHANGE IT'S CONTENTS WITHOUT PERMISSION.

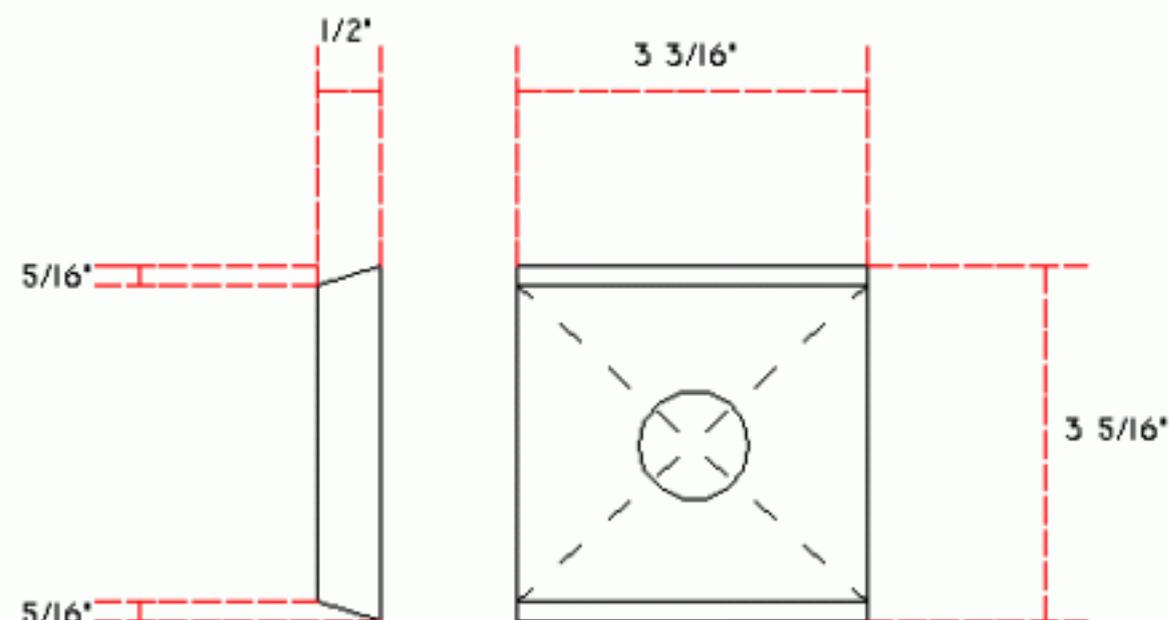


CUT DOUBLER 4MM SMALLER ALL ROUND TO ALLOW FOR TOP AND BOTTOM CORRO

**CORROWOT FUSELAGE. DRAWING V2.0**  
 01/05/2005  
 YOU MAY FIND IT EASIER TO WORK TO THE NEAREST FLUTE, THEREFORE ALL DIMENSIONS ARE APPROXIMATE AS FLUTE SIZES VARY  
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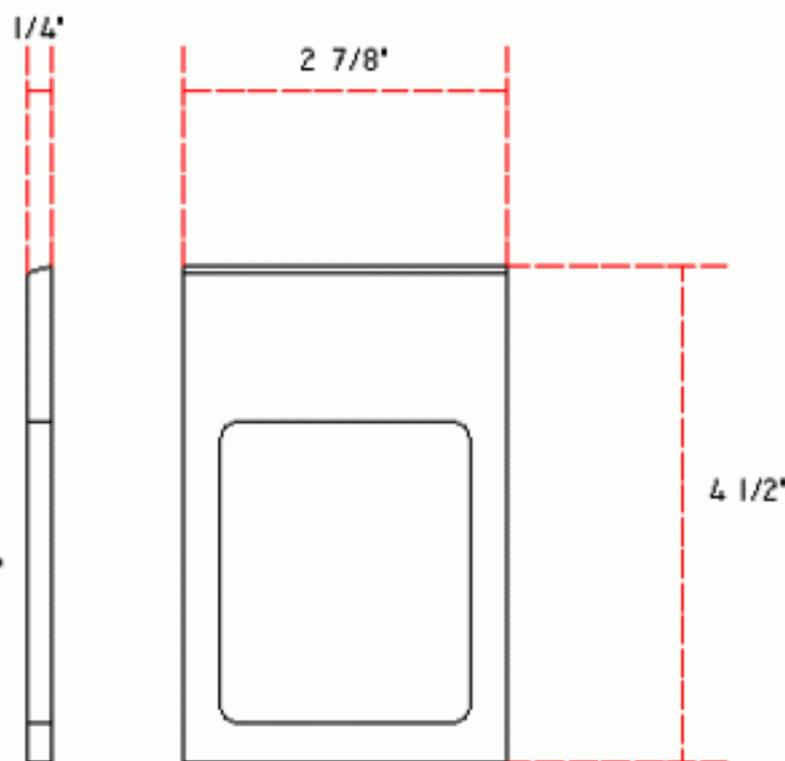
# ENGINE BULKHEAD

1/2" PLY OR HDPE, HOLE DRILLED IN CENTER TO SUIT YOUR FUEL TANK



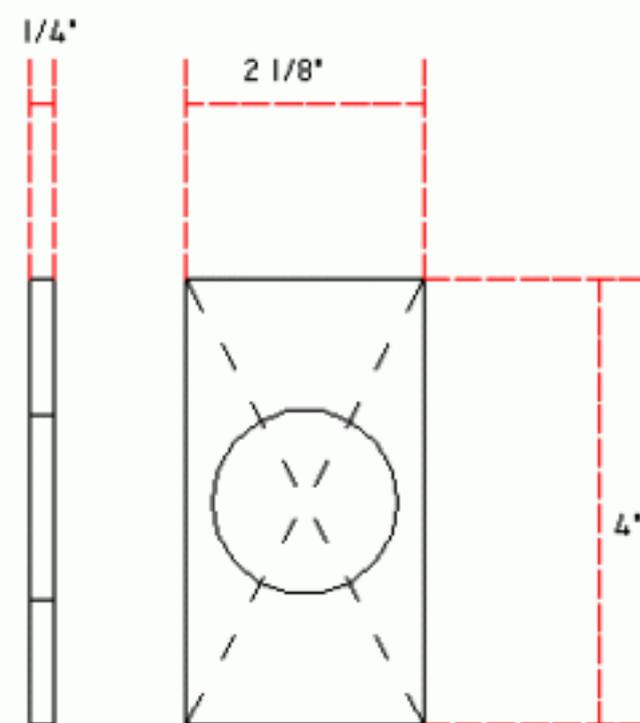
# FORMER 1

1/4" PLY, Balsa OR DOUBLED UP 4MM CORREX, HOLE CUT TO SUIT YOUR FUEL TANK



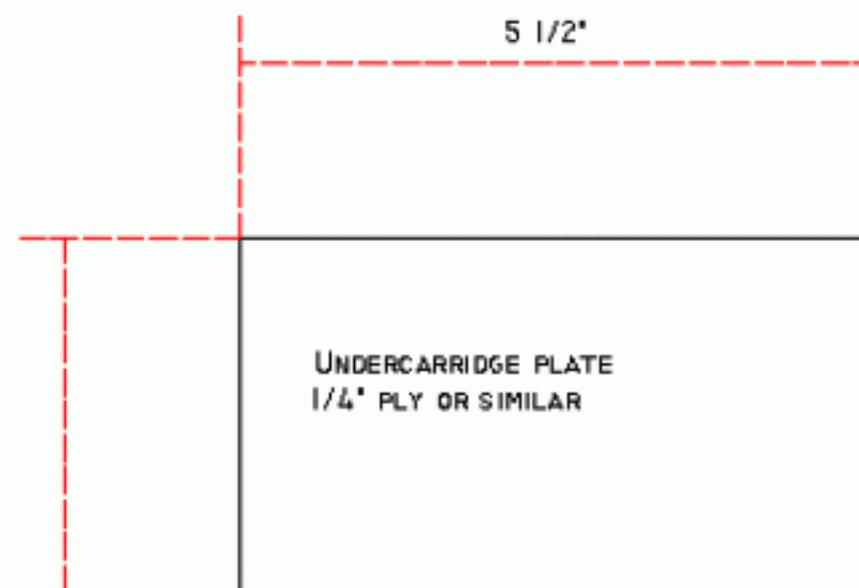
# FORMER 2

1/4" PLY, Balsa OR DOUBLED UP 4MM CORREX, LIGHTENING HOLE CUT IN CENTER.



FLUTE SIZES VARY, TREAT THESE DIMENSIONS AS A ROUGH GUIDE, CHECK AGAINST YOUR FUSELAGE SIZE.

3 3/16"



CORROWOT FORMERS V2.0

01/05/2005

ENLARGED FOR CLARITY

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CUTTING OUT THE FUSELAGE SIDES TO ACCEPT THE WING.  
 IT COULD BE DONE BEFORE YOU FOLD UP THE FUSELAGE, THE CHOICE IS YOURS,  
 IMAGINE A CENTER LINE RUNNING THROUGH THE WING FROM THE CENTER OF THE  
 LEADING EDGE TO THE CENTER OF THE TRAILING EDGE, THIS LINE NEEDS TO END  
 UP RUNNING IN LINE WITH THE TOP OF THE FUSELAGE, TO MARK THIS YOU CAN  
 HOLD THE END OF THE WING TO THE FUZ AND DRAW AROUND IT, JUST TRIM OFF  
 SMALL AMOUNTS AT A TIME AND KEEP CHECKING THE WING FOR FIT UNTIL YOU  
 ARE HAPPY WITH IT.

DOTTED LINES SHOW BBQ  
 SKEWERS PUSHED THROUGH  
 FLUTES TO RE-INFORCE  
 RUDDER, ALSO PUSHED DOWN  
 THROUGH TAILPLANE TO  
 RE-INFORCE JOINT.

STANDARD ENGINE  
 MOUNT SCREWED OR  
 BOLTED THROUGH  
 CORREX AND INTO  
 BULKHEAD

FABRICATE SERVO MOUNTING PLATES FROM SCRAP PIECES OF  
 PLASTIC DRAINPIPE, CA TO FUSELAGE SIDE AND SCREW IN  
 SERVO, SEE PICTURES AT [AVOIDINGTHEGROUND.COM](http://AVOIDINGTHEGROUND.COM)

ENGINE BULKHEAD FROM 3/4"  
 PLY OR HDPE, CORREX FOLDED  
 AROUND THE FRONT AND  
 GLUED

SUGGESTED LOCATION FOR  
 ELEVATOR & RUDDER SERVOS

1/4" BALSA STRIPS USED  
 TO REINFORCE CORNERS  
 OF FUSELAGE

DOTTED AREA  
 DENOTES 4MM  
 DOUBLER

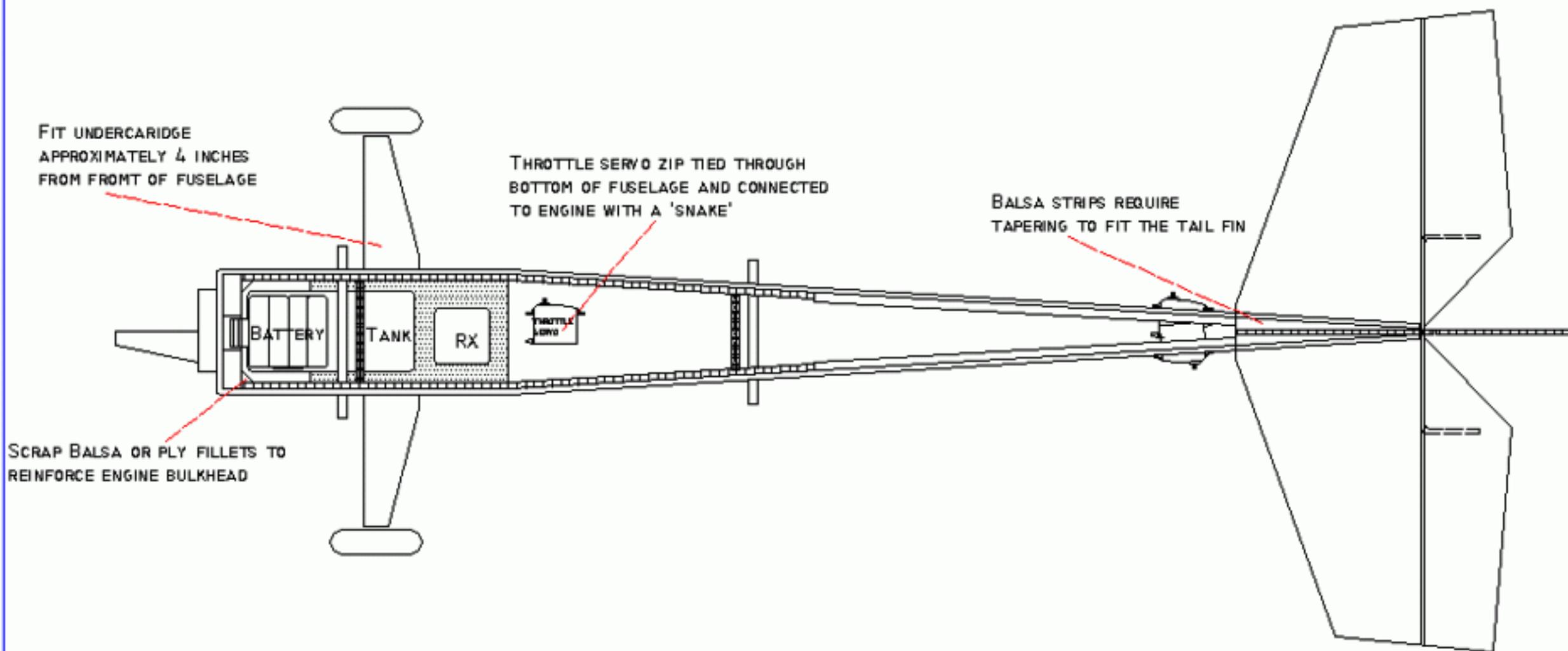
THRUSTLE  
 SERVO

FORMERS AND UNDERCARRIDGE PLATE  
 FROM 1/4" PLY, SOME WEIGHT COULD  
 BE SAVED BY USING 4MM CORRO FOR  
 FORMERS.  
 FIT FORMERS 1 AND 2 AT THE  
 LEADING EDGE AND TRAILING EDGE  
 OF THE WING.

FOR FIRST FLIGHTS BALANCE THE MODEL DIRECTLY UNDERNEATH THE WINGSPAR, WITH  
 THE COFG IN THIS LOCATION CORROWOT WILL FLY IN A SAFE STABLE MANNER, FOR  
 FLATTER SPINS AND MORE SPARKLING MANOUVERABILITY, YOU MAY WANT TO MOVE THE  
 COFG BACK, DO THIS IN SMALL STEPS, NO MORE THAN 1/8" AT A TIME FOR SAFETY.

CORROWOT SIDE VIEW DRAWING V2.1

05/05/2005



CORROWOT TOP VIEW DRAWING V2.1

05/05/2005