Rascal 36

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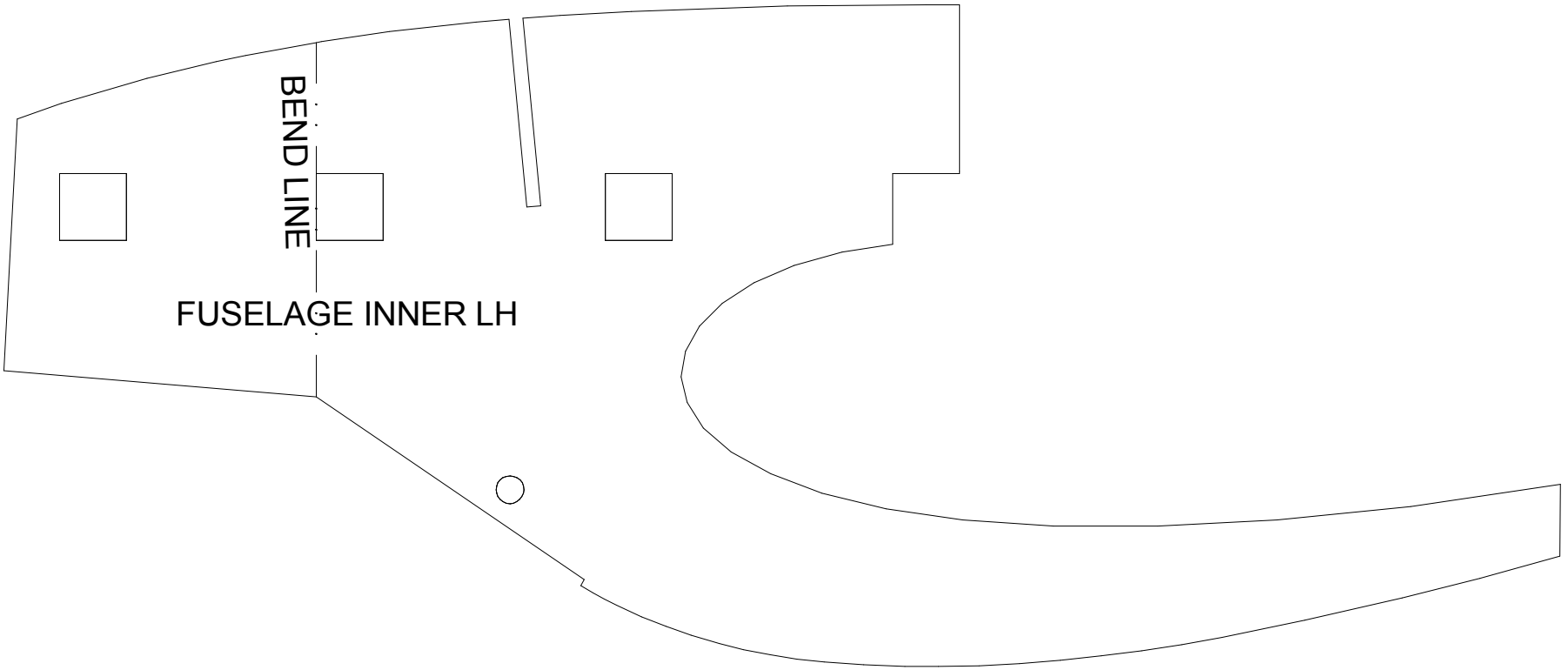
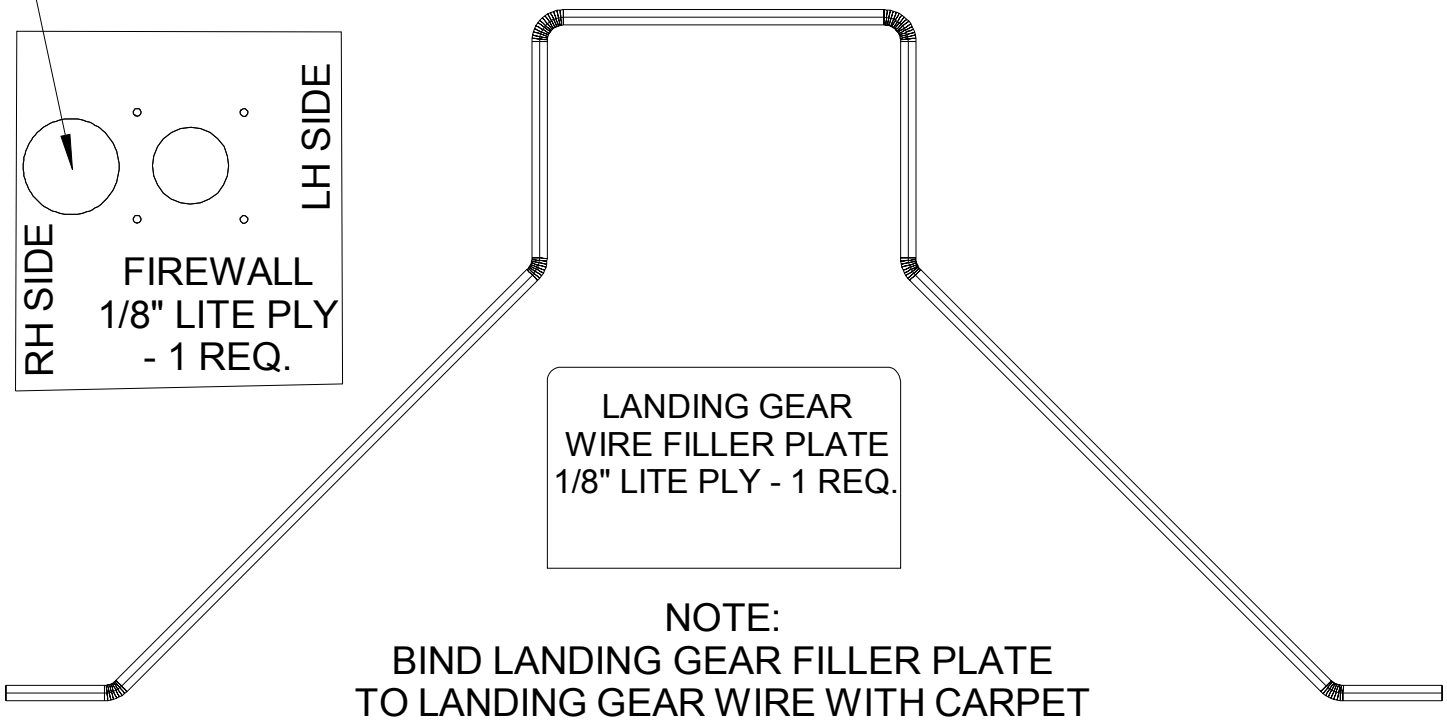
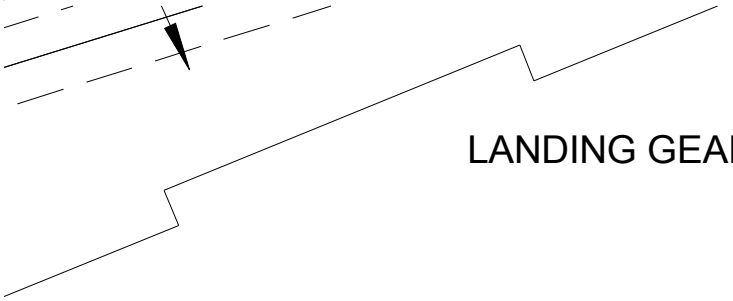


MOTOR WIRES
ACCESS HOLE

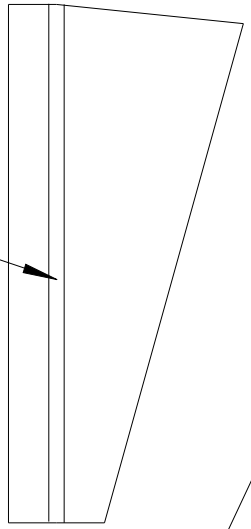
LANDING GEAR WIRE .078" MUSIC WIRE - 1 REQ.



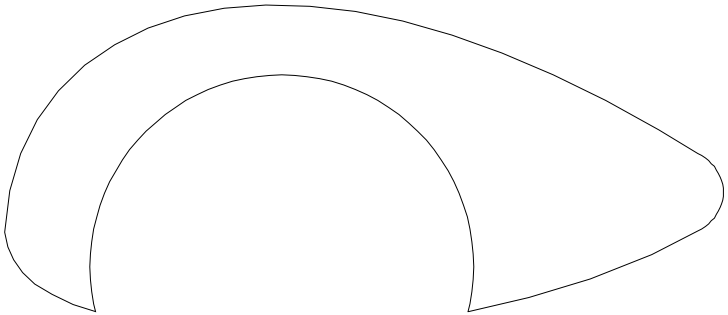
NOTE:
BIND LANDING GEAR FILLER PLATE
TO LANDING GEAR WIRE WITH CARPET
OR KEVLAR THREAD WITH VERTICAL
AND HORIZONTAL WRAPS. THEN CA.



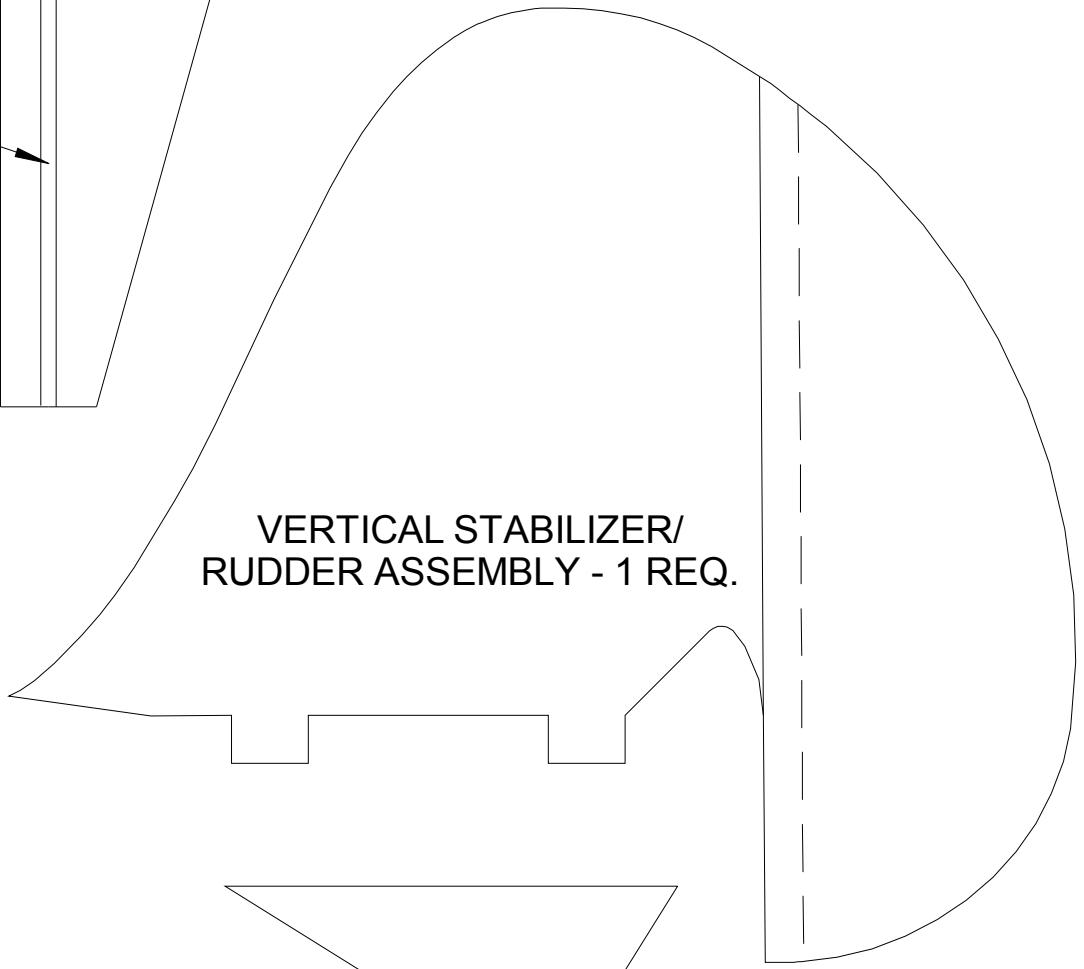
LANDING GEAR LEG FAIRING - 2 REQ (1 LH & 1 RH).



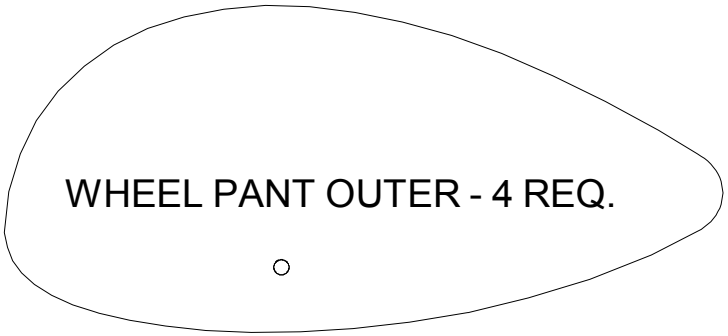
CHANNEL FOR LANDING GEAR
LEG HALF WAY THROUGH FOAM



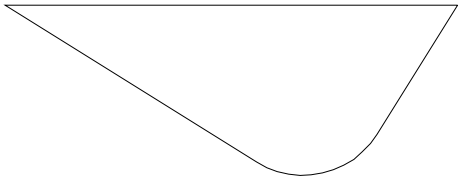
WHEEL PANT INNER - 4 REQ.



VERTICAL STABILIZER/
RUDDER ASSEMBLY - 1 REQ.



WHEEL PANT OUTER - 4 REQ.



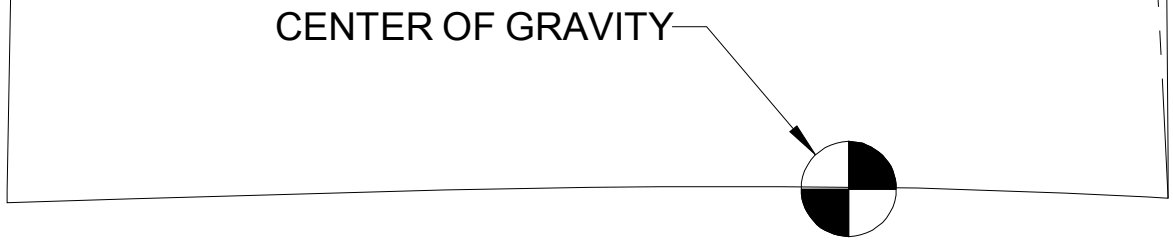
TAIL SKID - 1 REQ.

NOTE: WHEELS USED WERE DUBRO 1.86" PARKFLYERS.

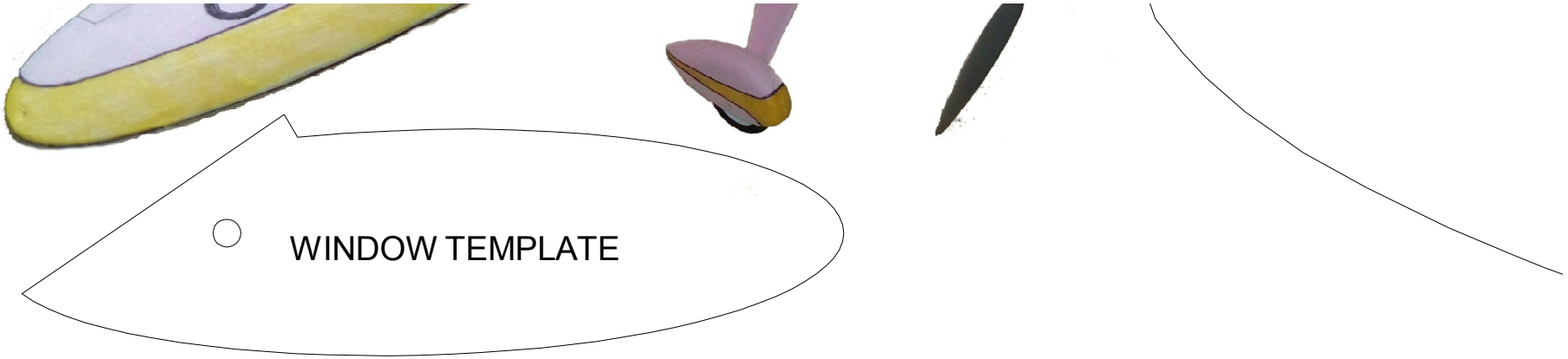
TO THIS LINE.

2. DIHEDRAL IS SET TO MINIMUM OF 2" PER TIP FOR DOCILE YAW/ROLL COUPLING. SET TO 3" PER TIP FOR MORE AEROBATIC YAW/ROLL COUPLING RESPONSE.

3. YOU WILL NEED ONE 1/8" X 48" LONG WOOD DOWEL ROD CUT INTO ONE 16" PIECE AND ONE 32" PIECE. THESE ARE THE TE AND LE WING DOWELS. FILE A GROOVE IN THE LE AND TE BETWEEN NOTCH STEPS TO ACCEPT HALF OF THE DOWELS DIAMETER. THEN SOAK THE DOWELS IN HOT WATER FOR 30-60 MINUTES. THIS WILL MAKE THEM PLIABLE. GIVE EACH ONE A GENTLE BEND IN THE MIDDLE FOR THE DIHEDRAL JOINT. THEN APPLY TO WINGS WITH GORILLA GLUE WHILE DAMP AND TAPE IN PLACE WHILE GLUE DRIES. BE SURE TO COVER THE JOINT ENTIRELY WITH TAPE TO PREVENT AND CONTROL FOAMING.

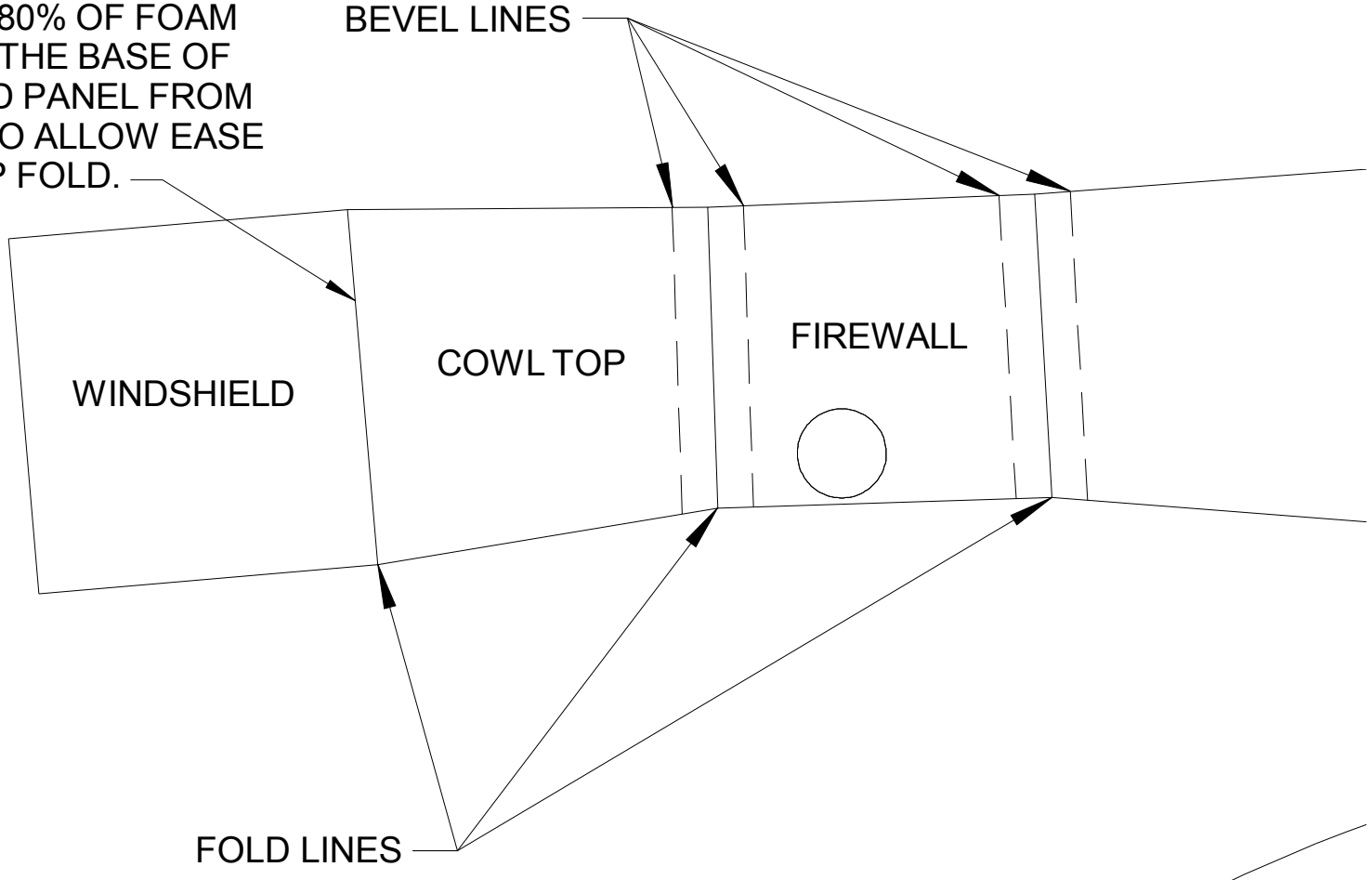


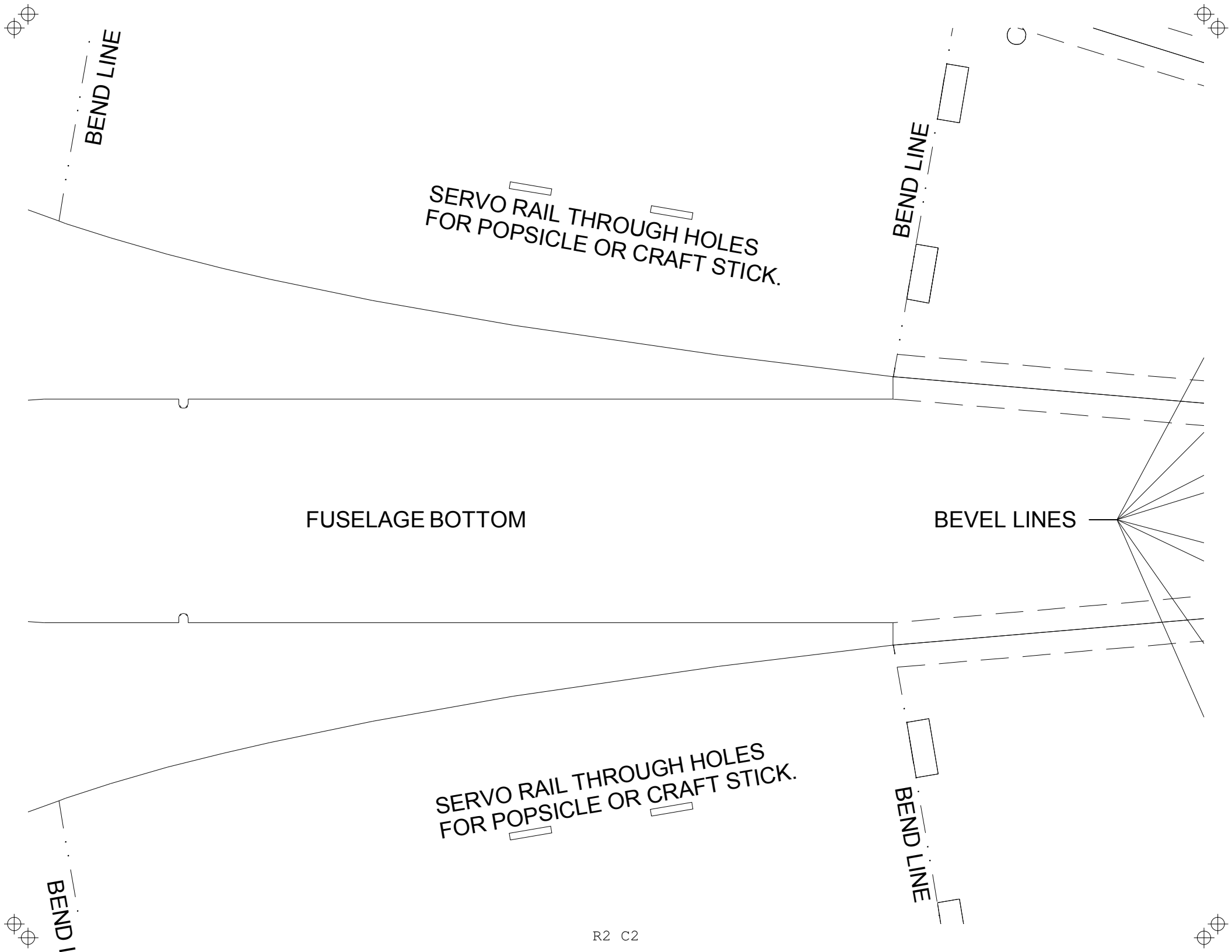
NOTE: WING RIBS ARE INSTALLED AT THE DIHEDRAL JOINT ONLY.

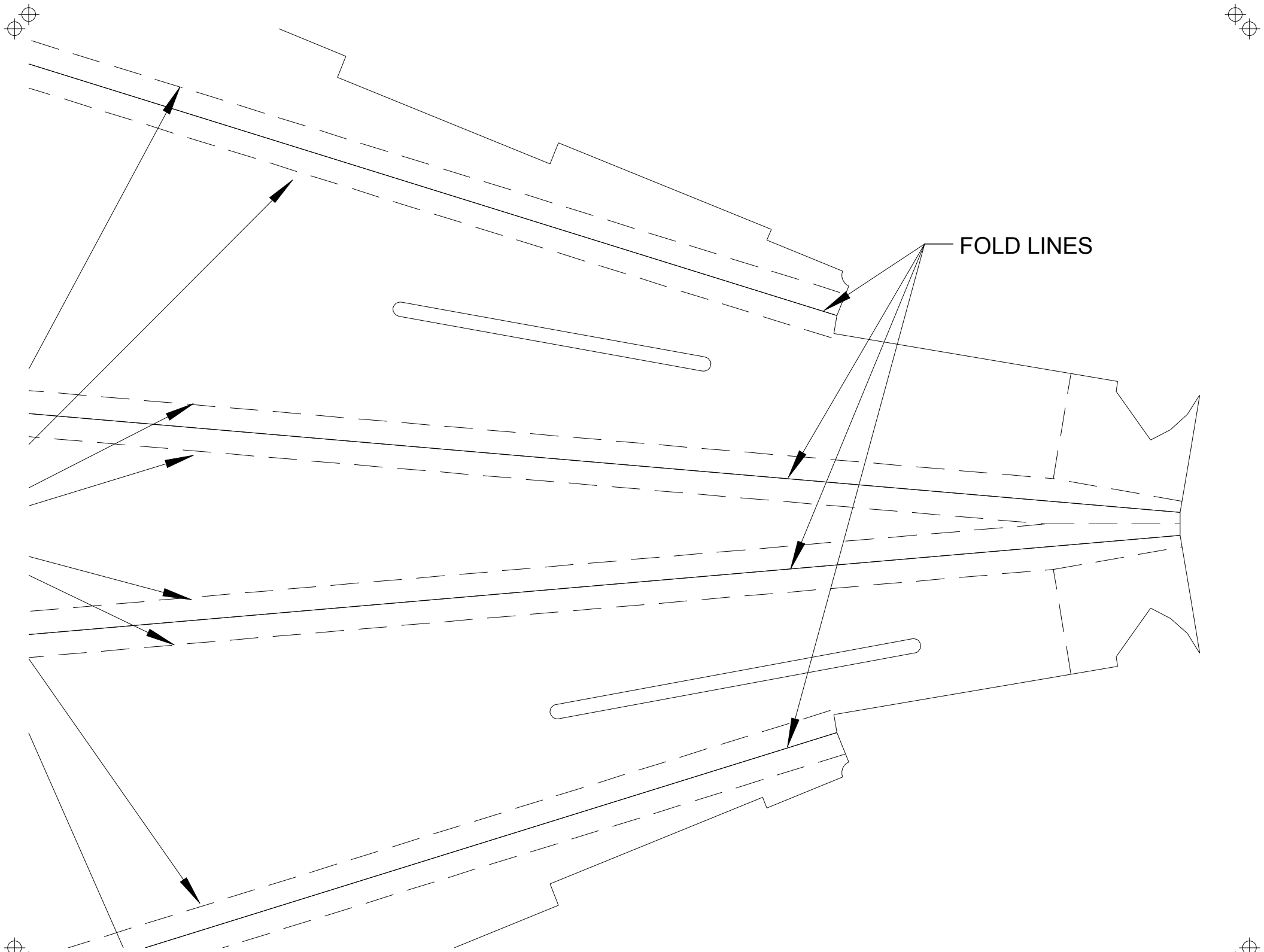


WINDOW TEMPLATE

NOTE:
CUT THROUGH 80% OF FOAM THICKNESS AT THE BASE OF THE WINDSHEILD PANEL FROM THE BACK SIDE TO ALLOW EASE OF AN UP FOLD.




BEND LINE
SERVO RAIL THROUGH HOLES
FOR POPSICLE OR CRAFT STICK.
BEND LINE
FUSELAGE BOTTOM
BEVEL LINES
SERVO RAIL THROUGH HOLES
FOR POPSICLE OR CRAFT STICK.
BEND LINE
BEND LINE


FOLD LINES

EQUIPMENT SPECIFICATIONS:

MOTOR: BLUE WONDER 1700 KV

ESC: 10A

PROPELLER: 8 X 3.8 APC, OR 8 X 4.8 GWS SF

SERVOS: HXT 9G (2)

BATTERY: 900 MAH 2S

AUW: 8.6 OZ

MATERIAL SPECIFICATIONS:

ALL MATERIAL IS DOW PROTECTION BOARD III UNLESS OTHERWISE SPEC'D

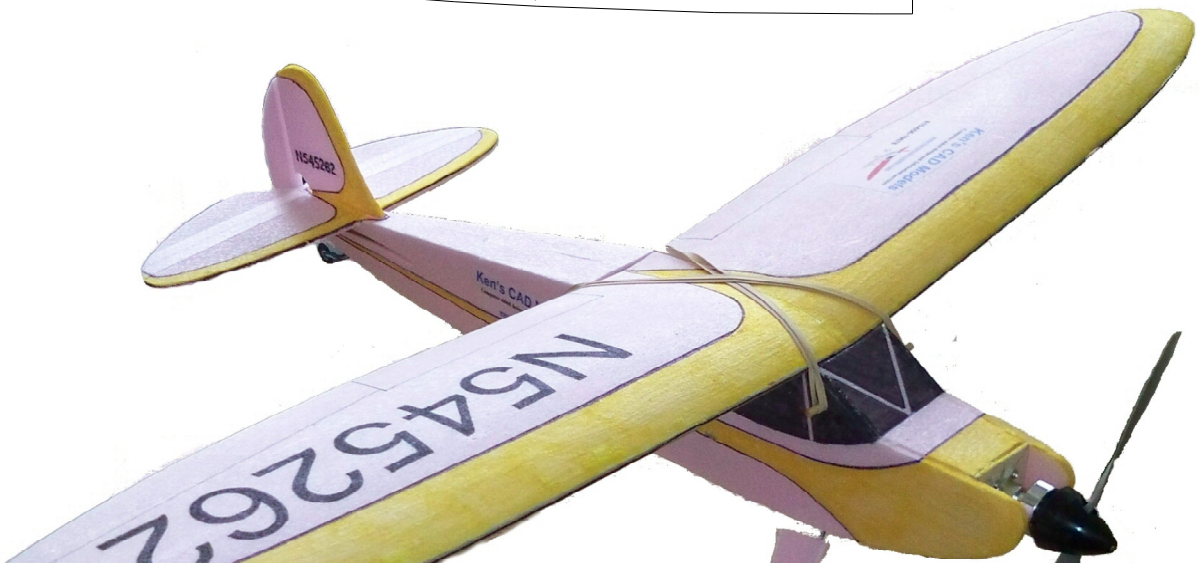
WING NOTES:

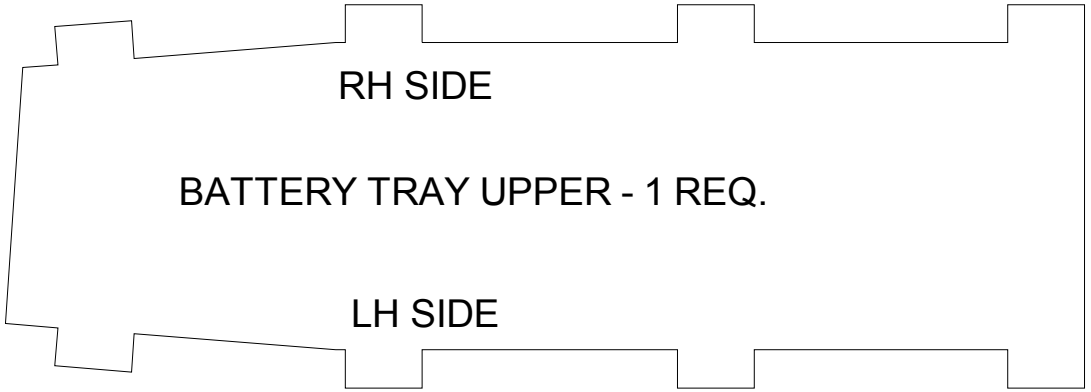
1. FOR BEST PERFORMANCE BAKE WING PANELS IN A JIG WITH THE WING PANEL ALIGNED PARALLEL TO THIS LINE.

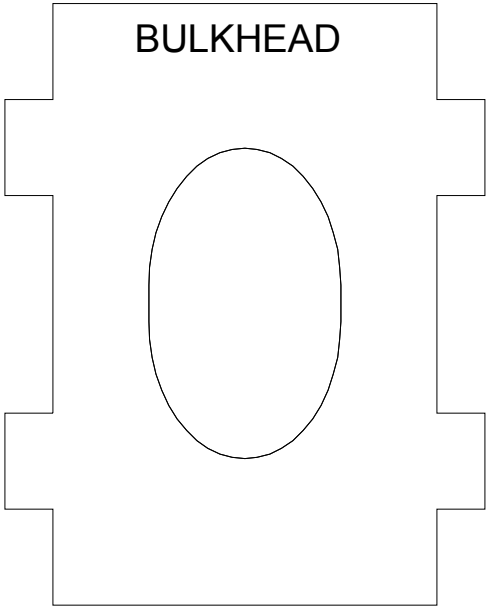
2. DIHEDRAL IS SET TO MINIMUM OF 2" PER TIP FOR

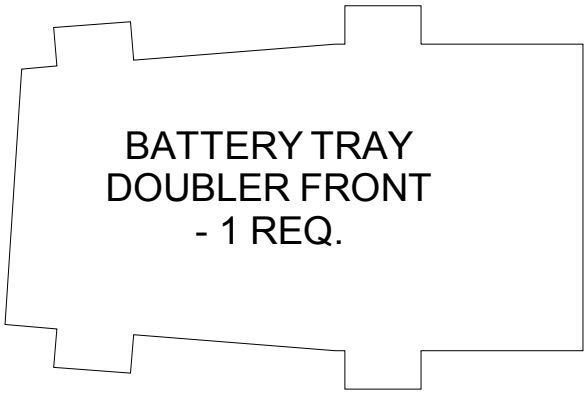
FUSELAGE INNER RH

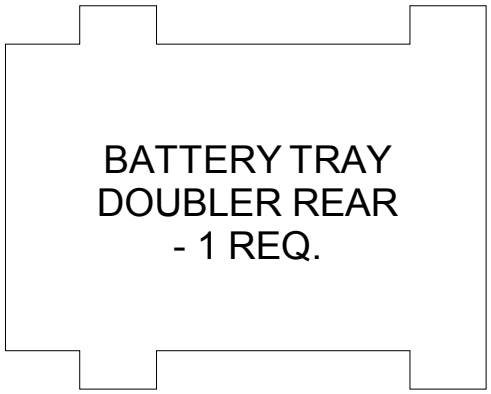
BEND LINE

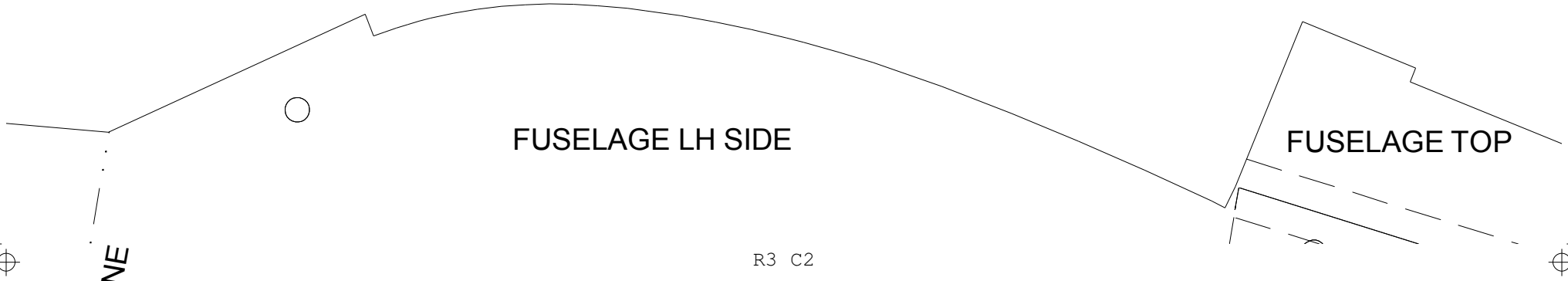



RH SIDE
BATTERY TRAY UPPER - 1 REQ.
LH SIDE

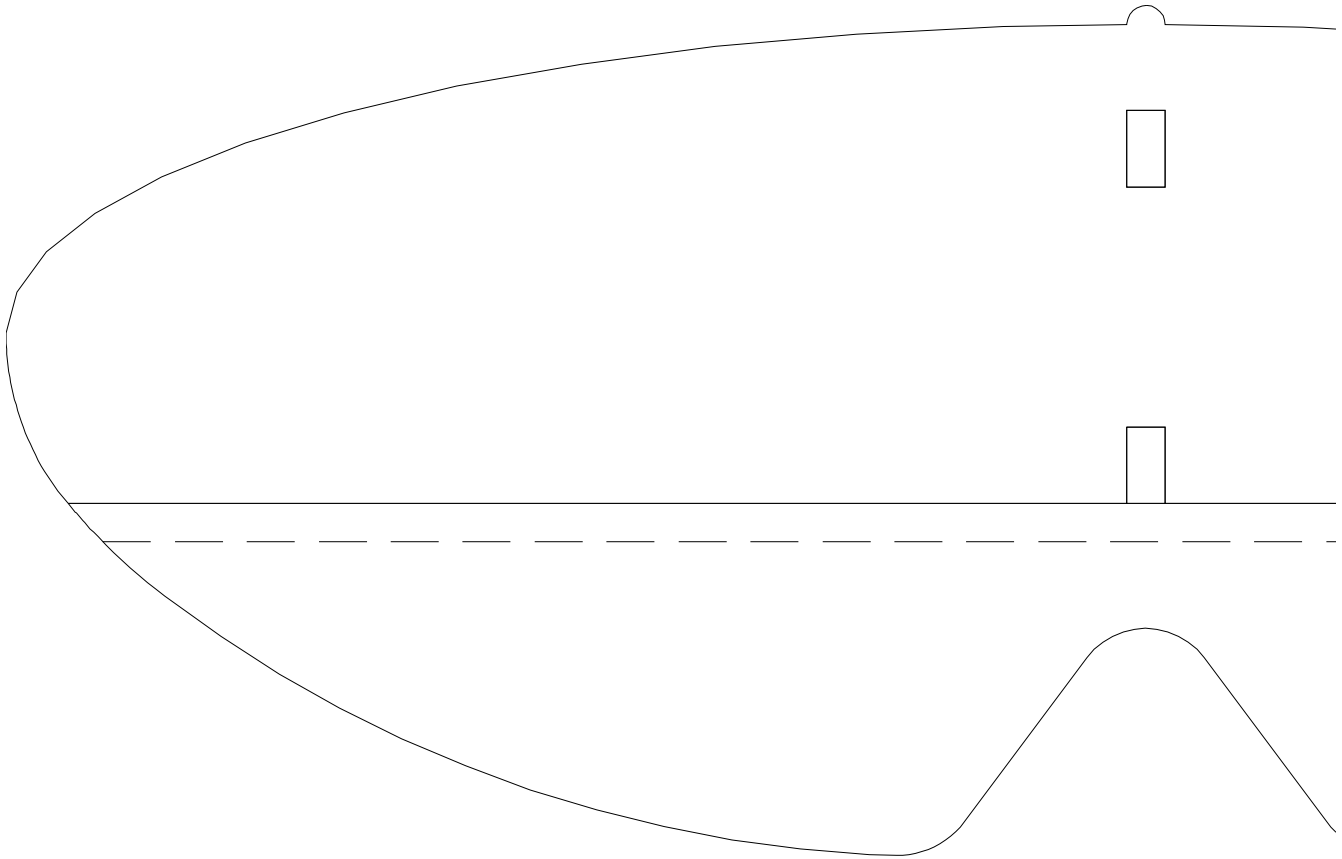

BULKHEAD


BATTERY TRAY
DOUBLER FRONT
- 1 REQ.

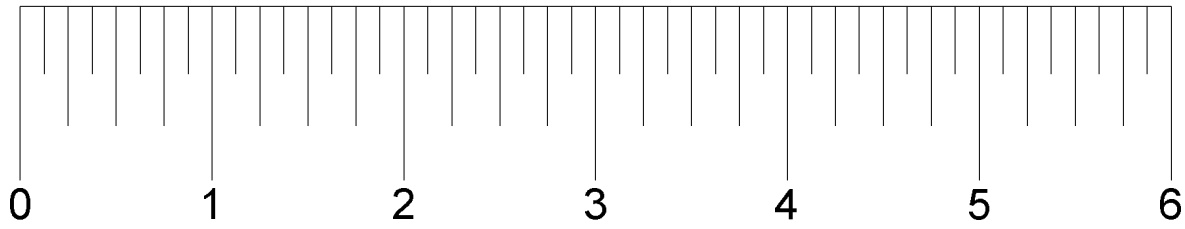

BATTERY TRAY
DOUBLER REAR
- 1 REQ.

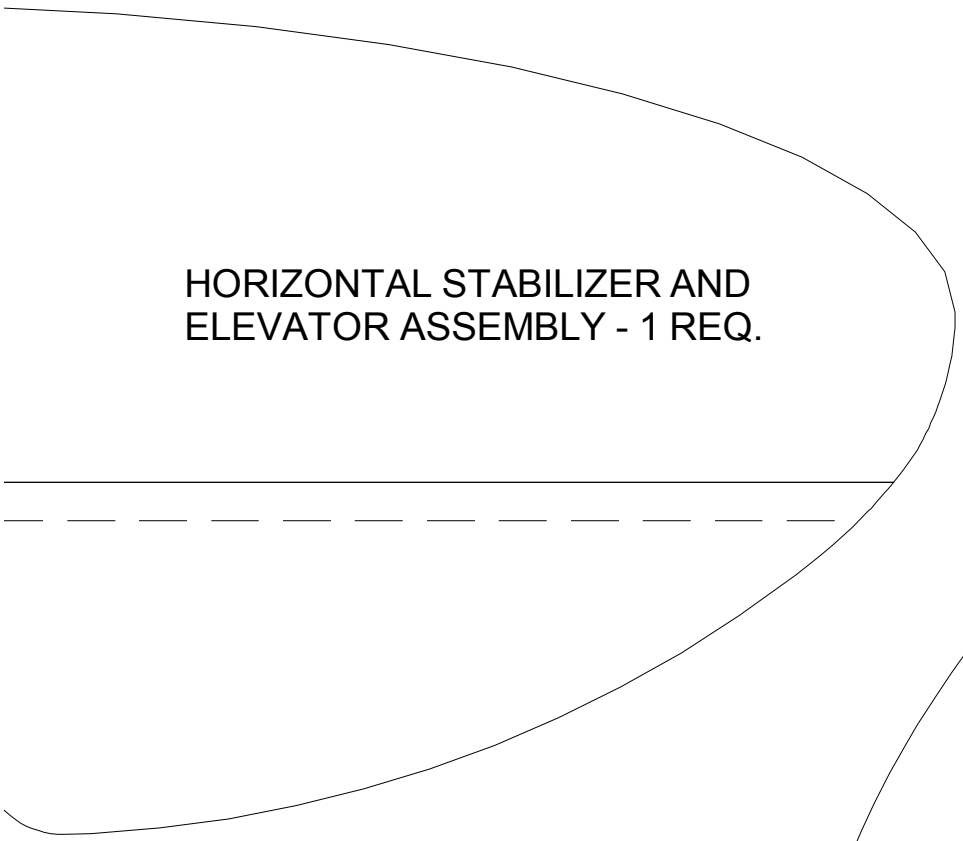

FUSELAGE LH SIDE
FUSELAGE TOP

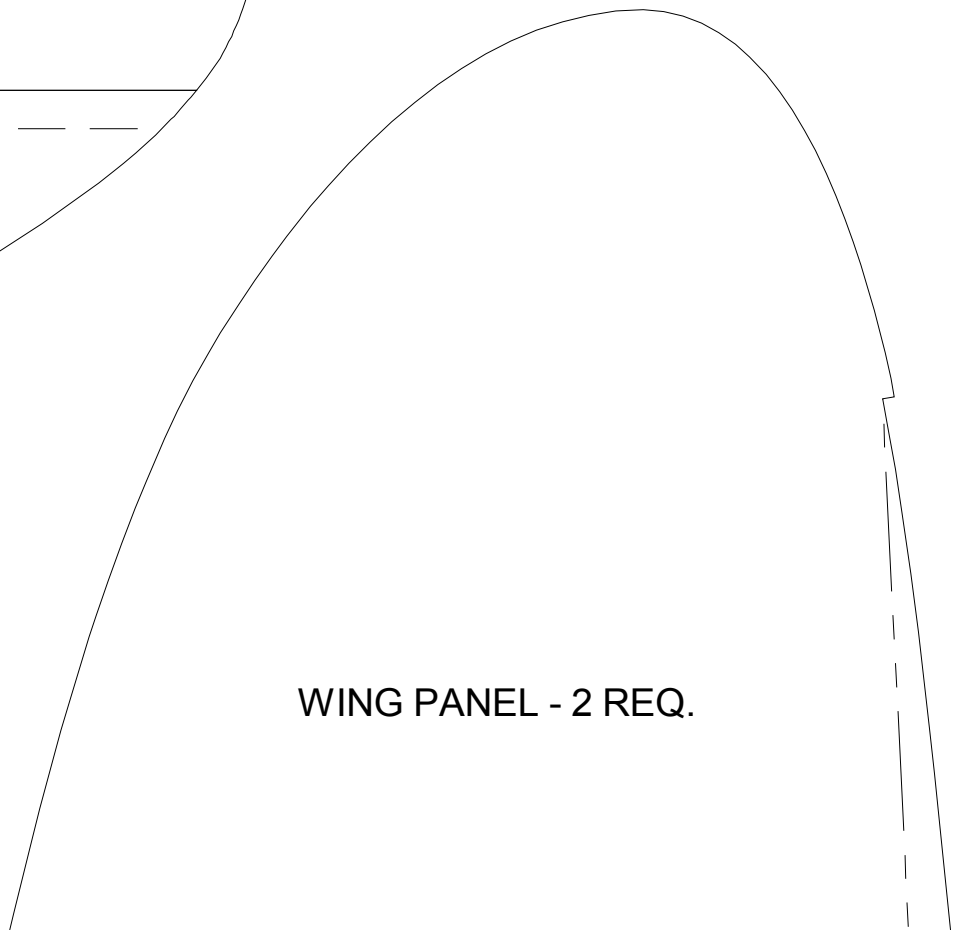
FOR FURTHER DOCUMENTATION ON THE BUILD PROCESS VISIT
http://www.rcgroups.com/forums/showpost.php?p=16877826&postcount=115



INCH SCALE




HORIZONTAL STABILIZER AND
ELEVATOR ASSEMBLY - 1 REQ.


WING PANEL - 2 REQ.