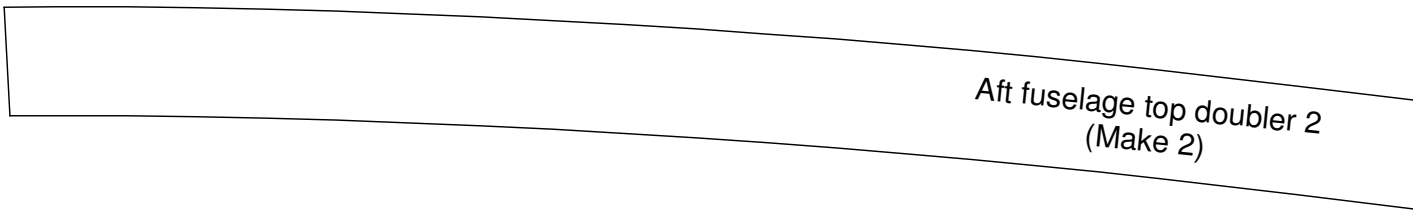
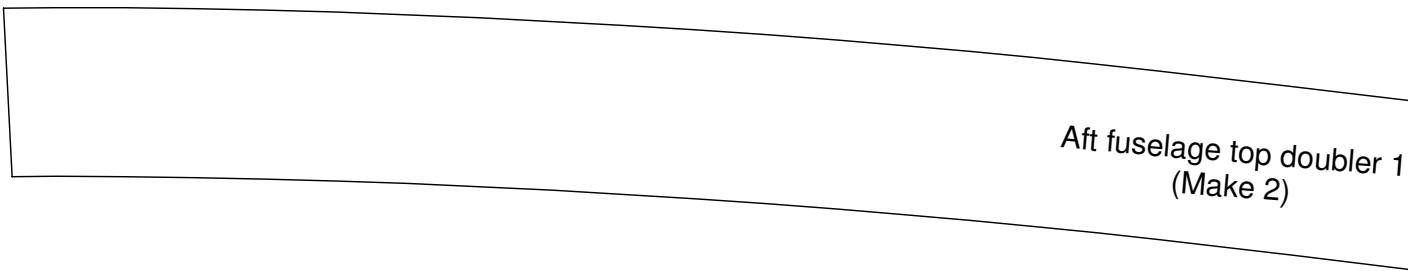


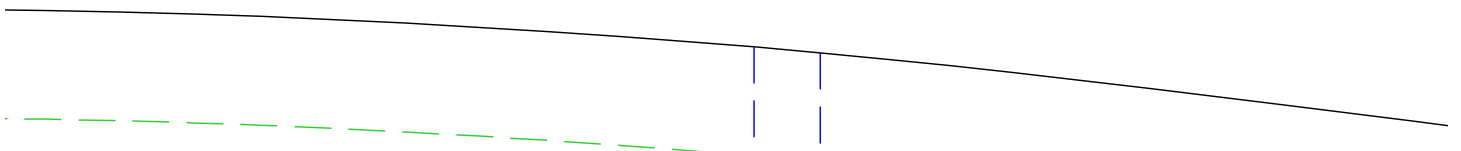
Turtledeck top
(Make 2)

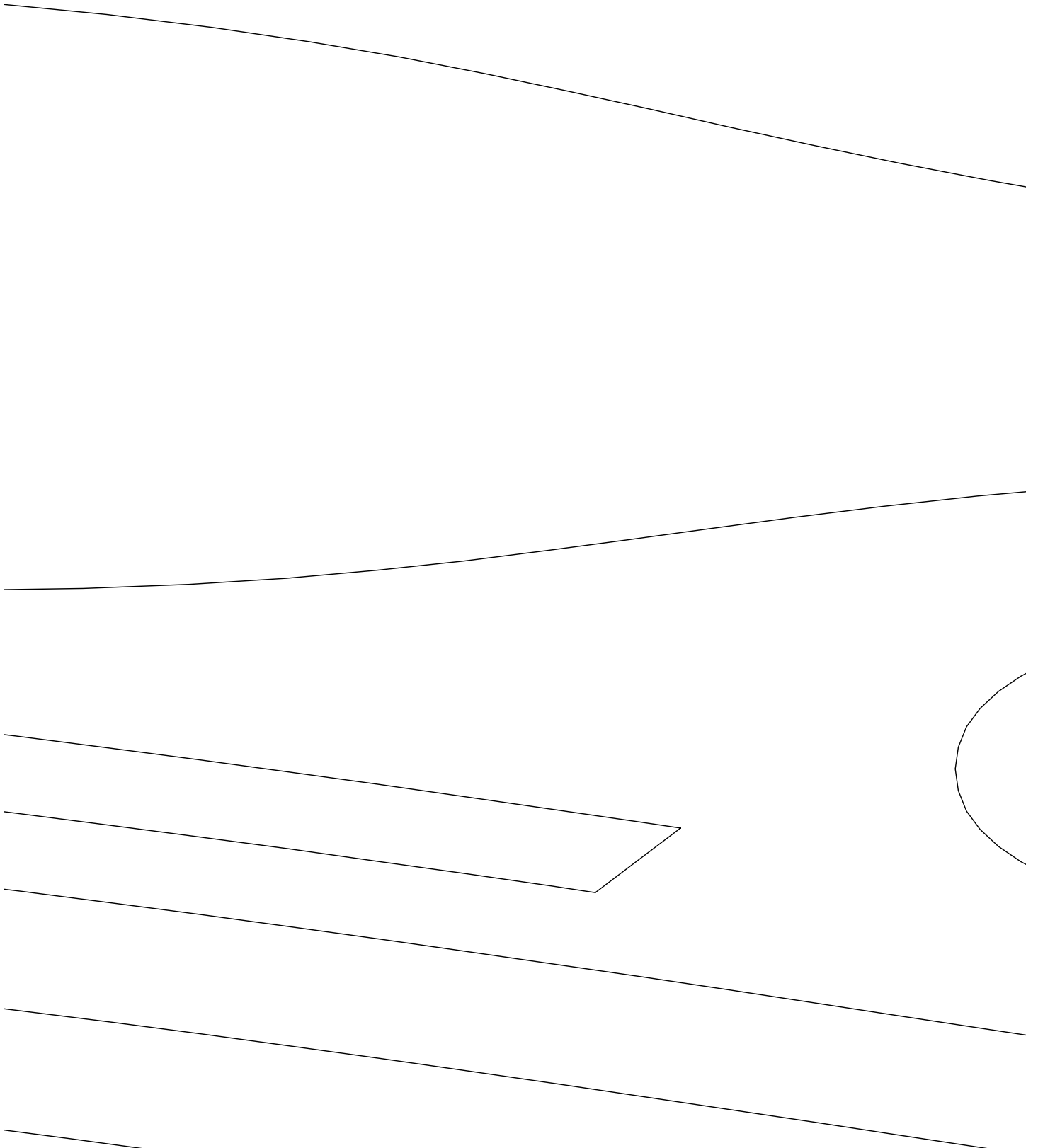


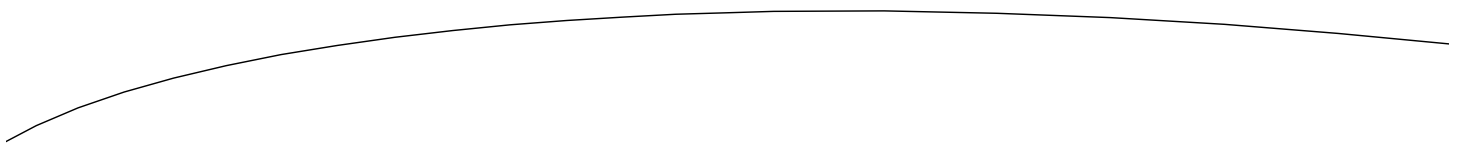
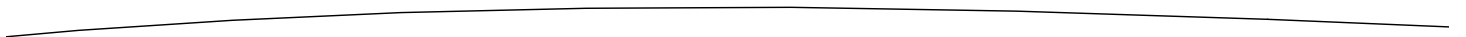
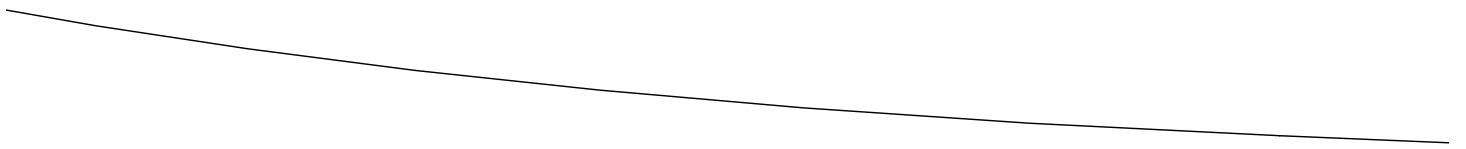
Aft fuselage top doubler 2
(Make 2)



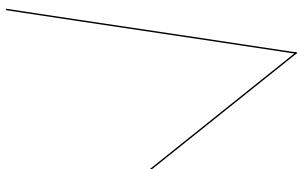
Aft fuselage top doubler 1
(Make 2)

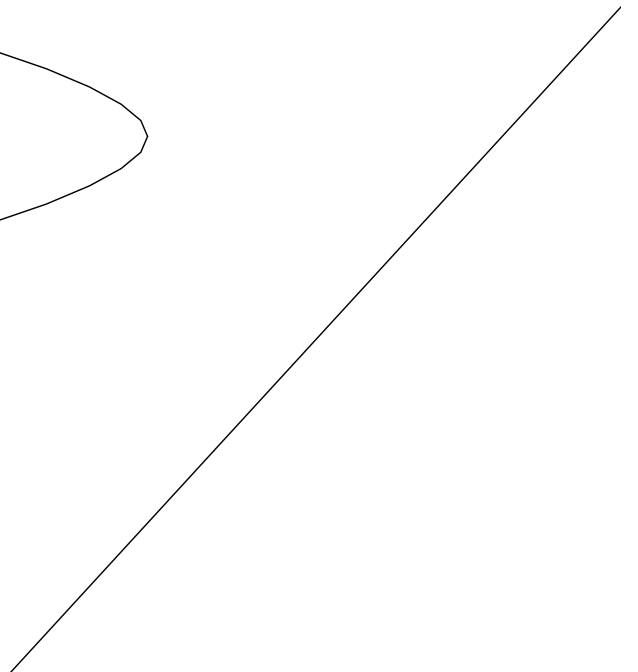
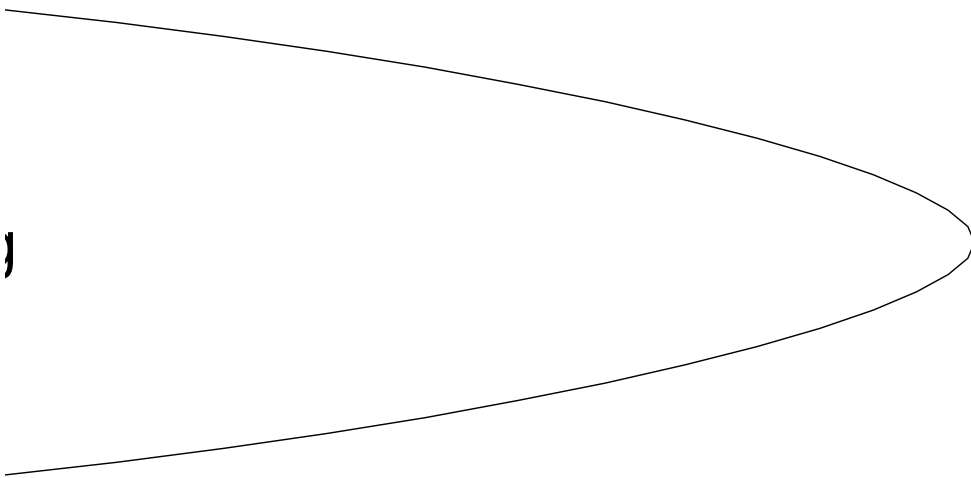
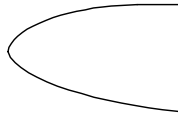
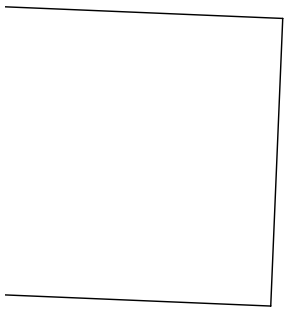




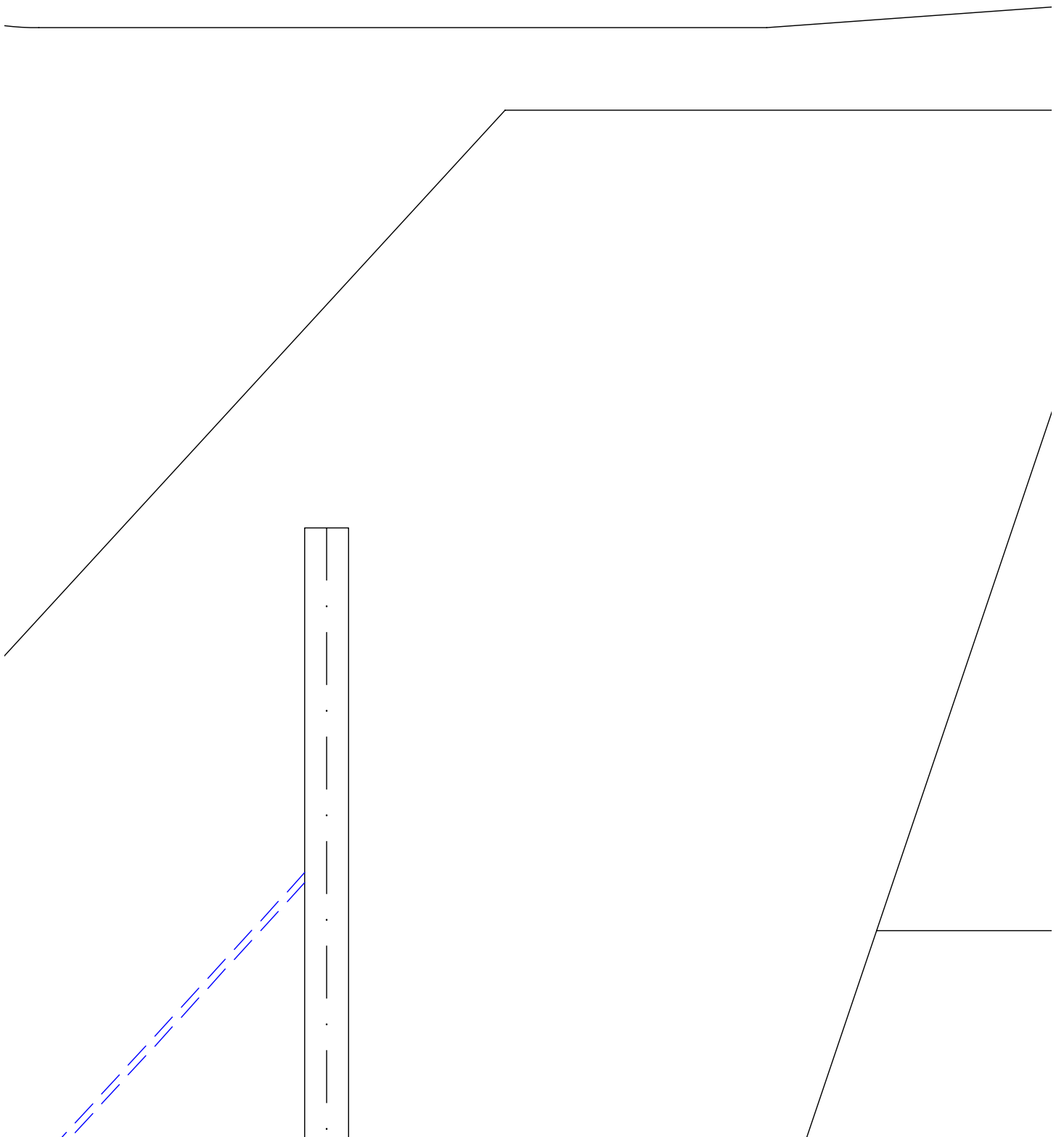


Canopy top template to aid carving

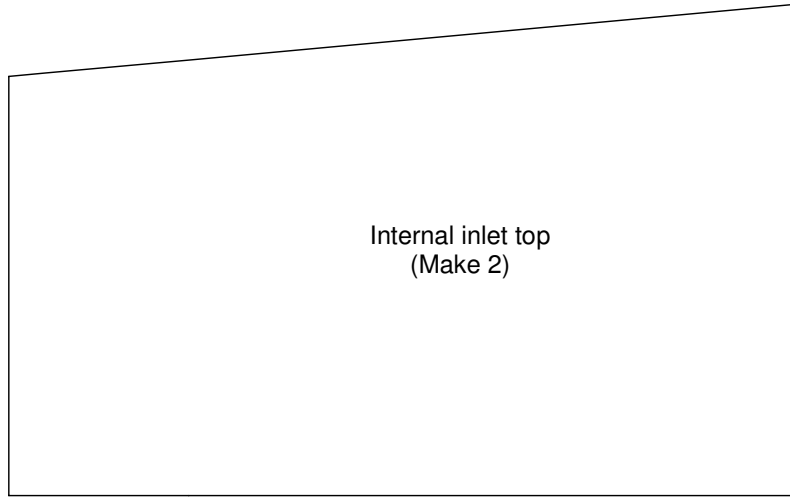
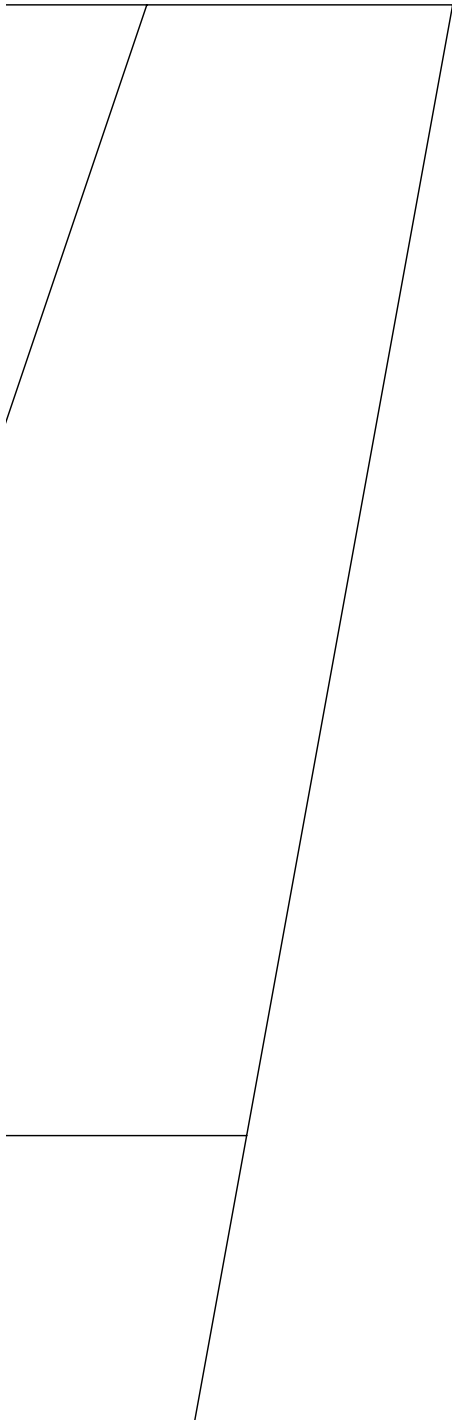
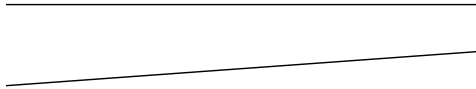




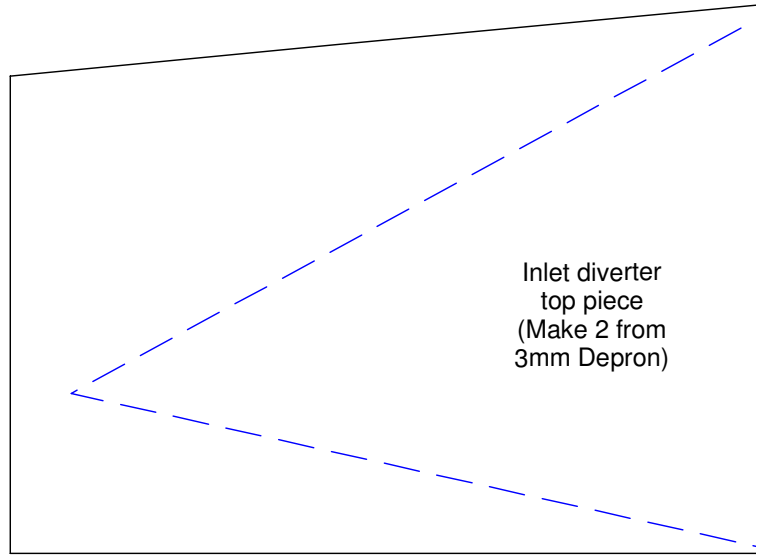
Wingtip missile rail (make 2 from 1/4" x 3/8" b



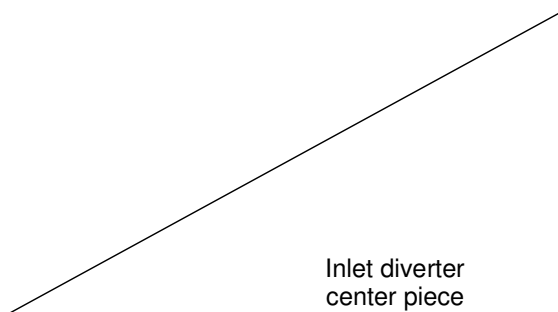
also)



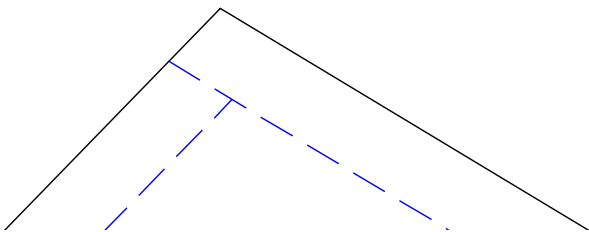
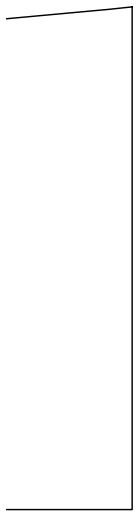
Internal inlet top
(Make 2)

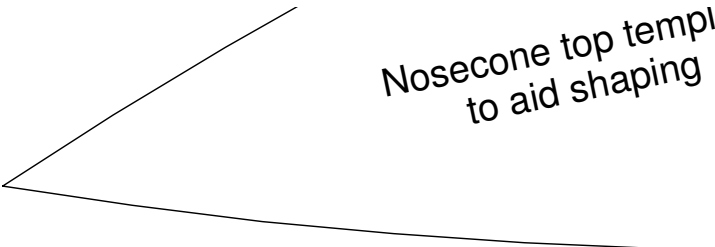


Inlet diverter
top piece
(Make 2 from
3mm Depron)

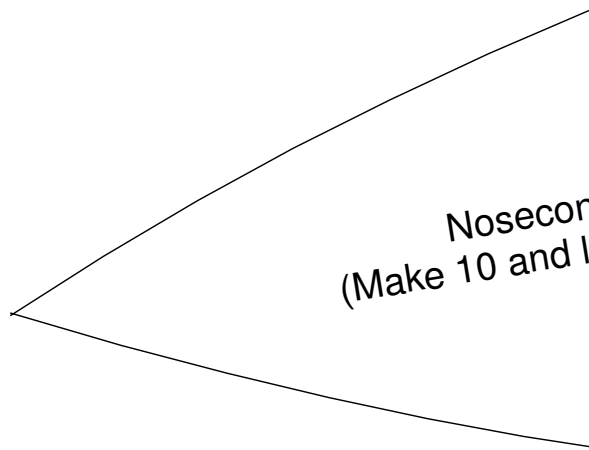


Inlet diverter
center piece





Nosecone top template
to aid shaping



Nosecon
(Make 10 and k)

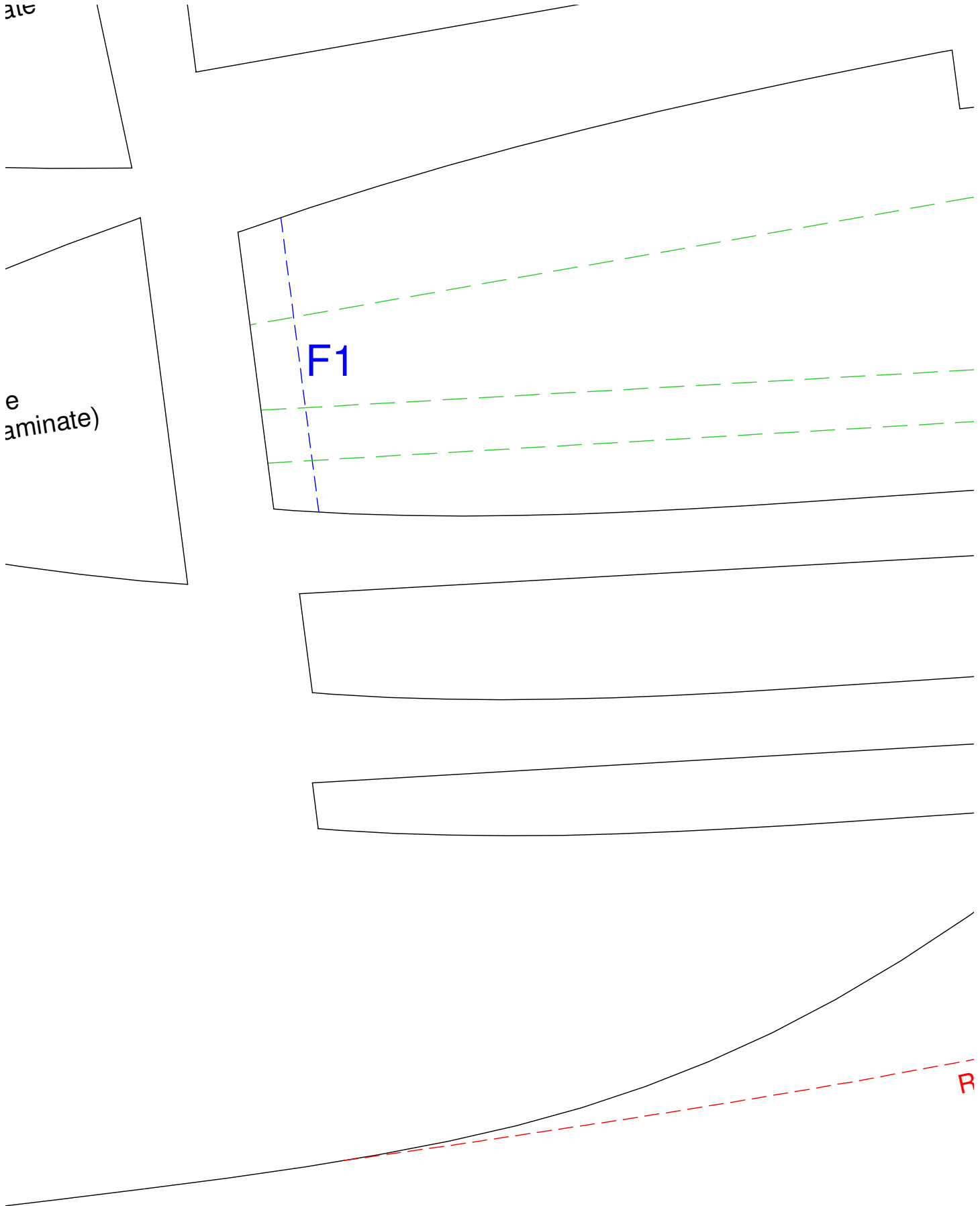


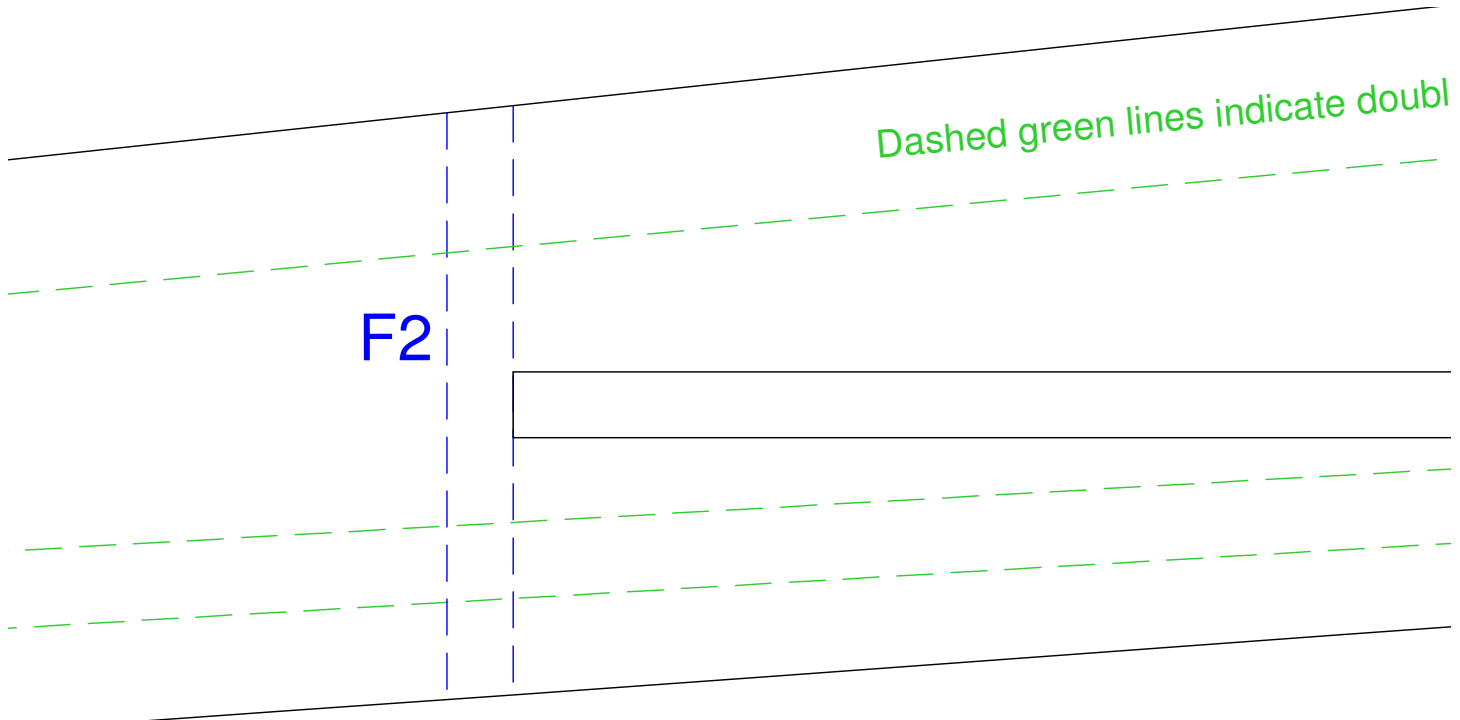
air

e
amine)

F1

R





Fwd fuselage bottom doubler 1
(Make 2)

Fwd fuselage bottom doubler 2
(Make 2)

Dashed red lines indicate strake design for non-canard Su-30 variants

Wing fillet lamination
(Make 2)

Wing fillet lamination 3

ers

F3

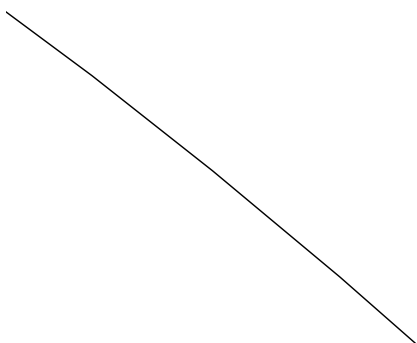
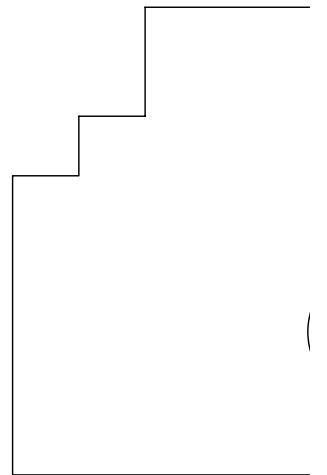
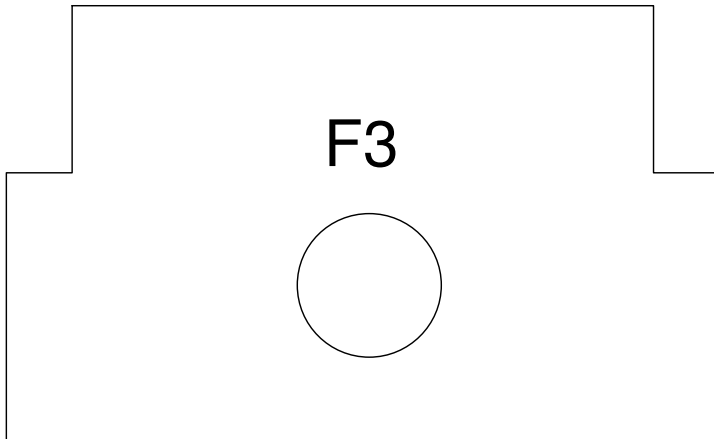
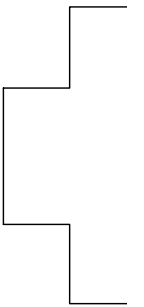
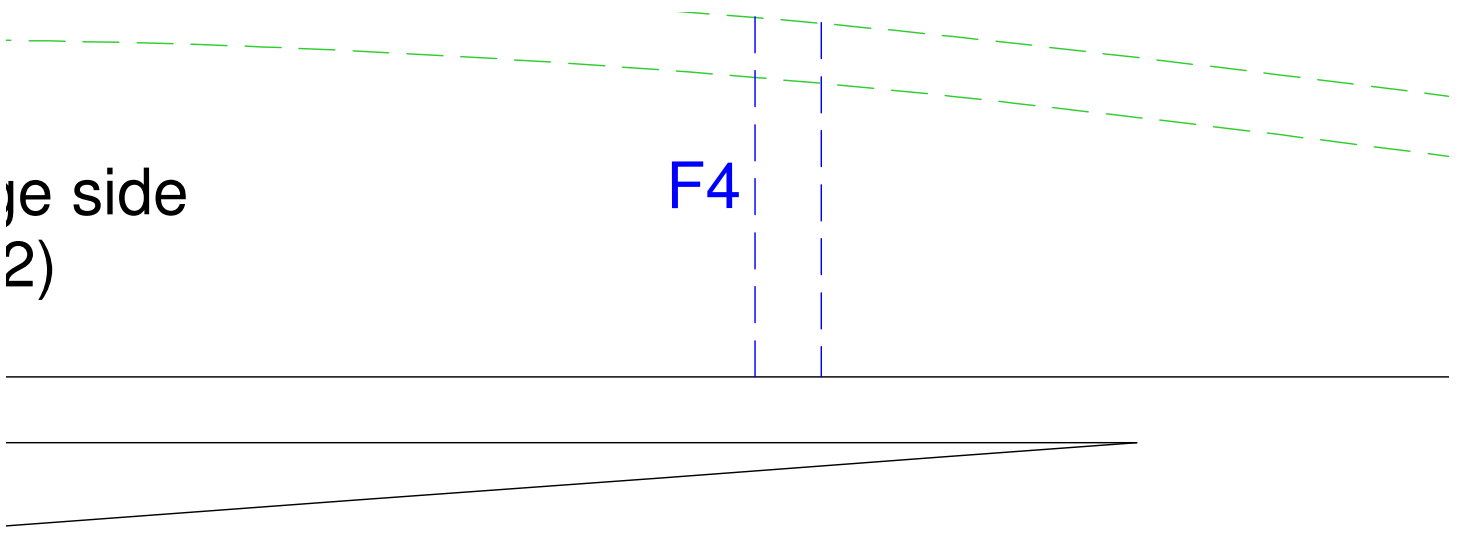
Fwd fuselage
(Make :



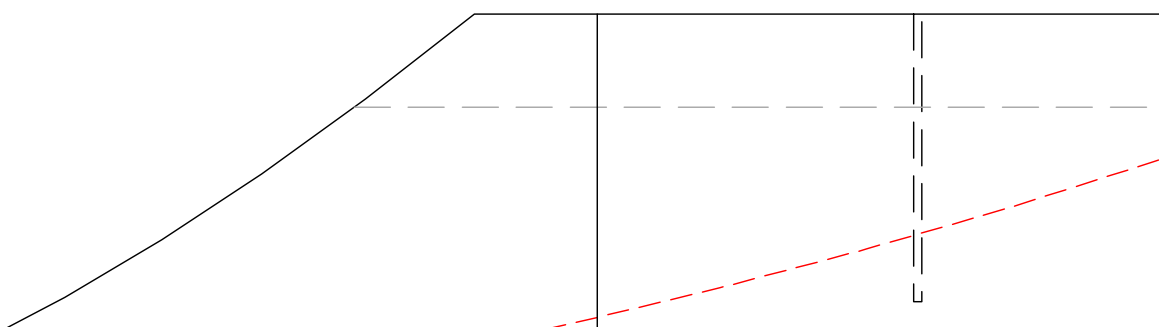
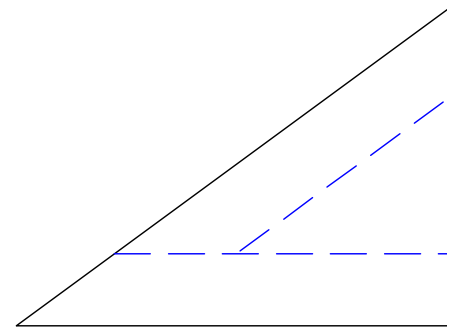
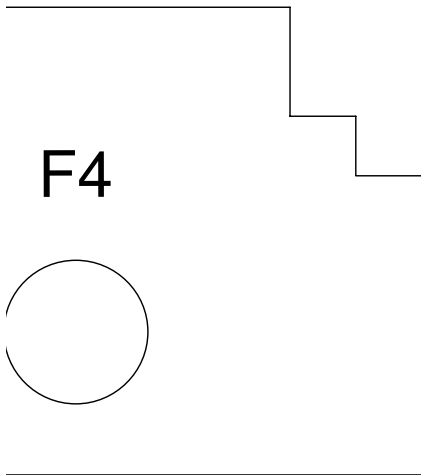
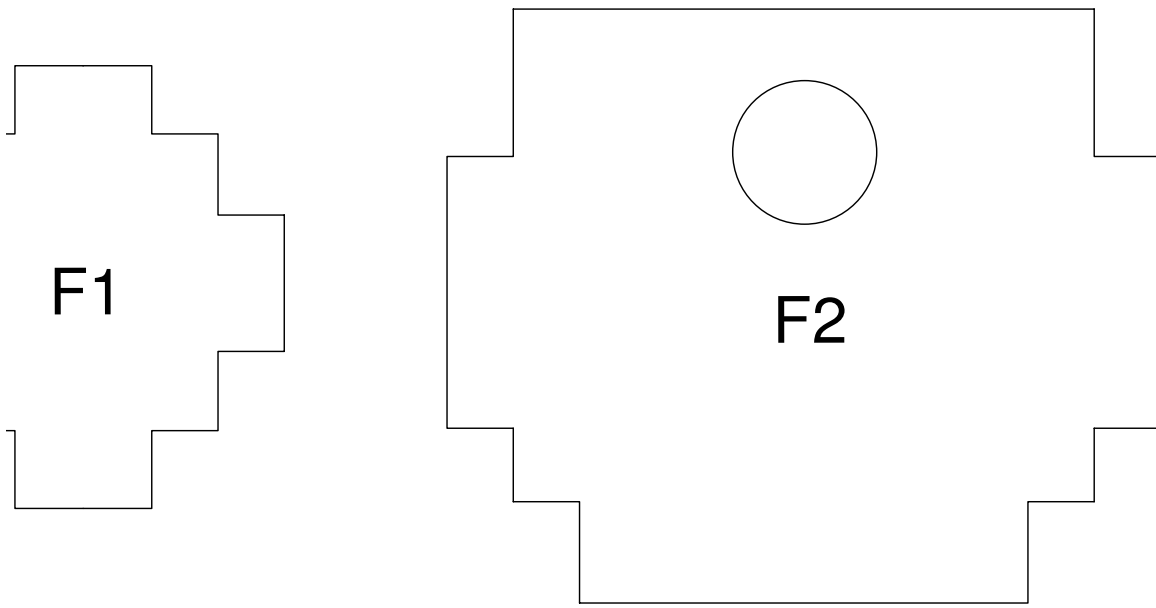
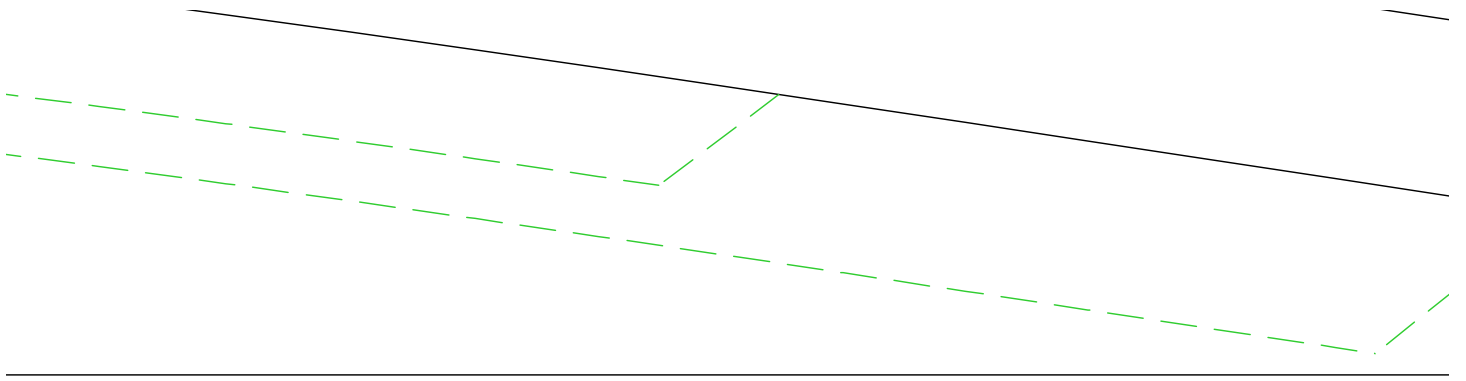
n 1

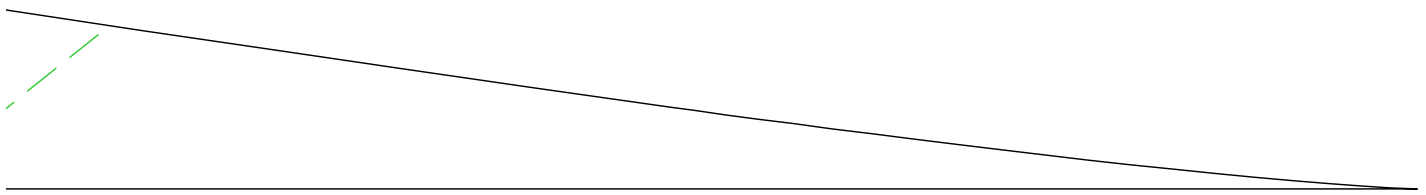
je side
2)

F4



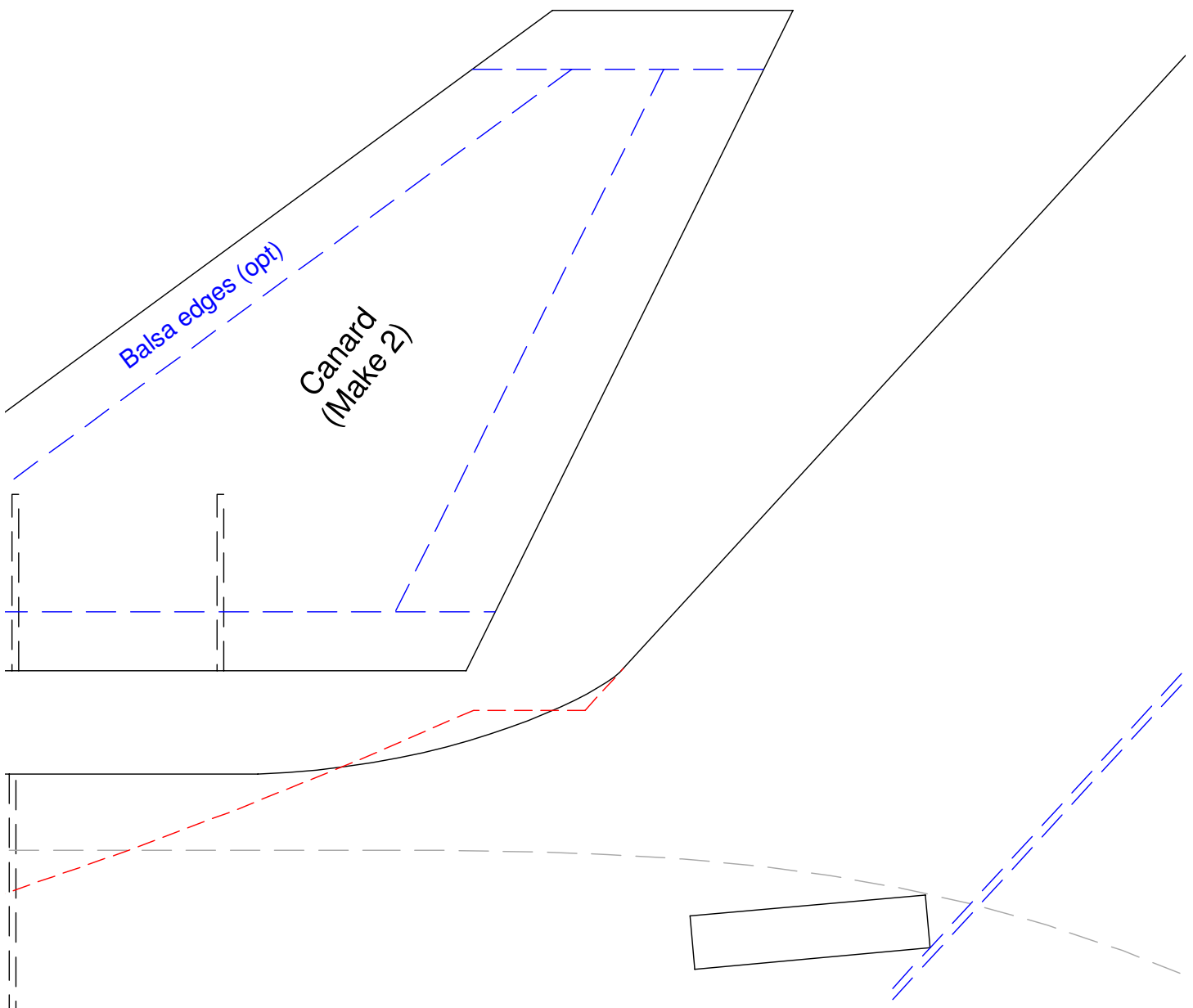
Canard braces (6 deg dihedral)
(Make 4 from 1/32" ply)

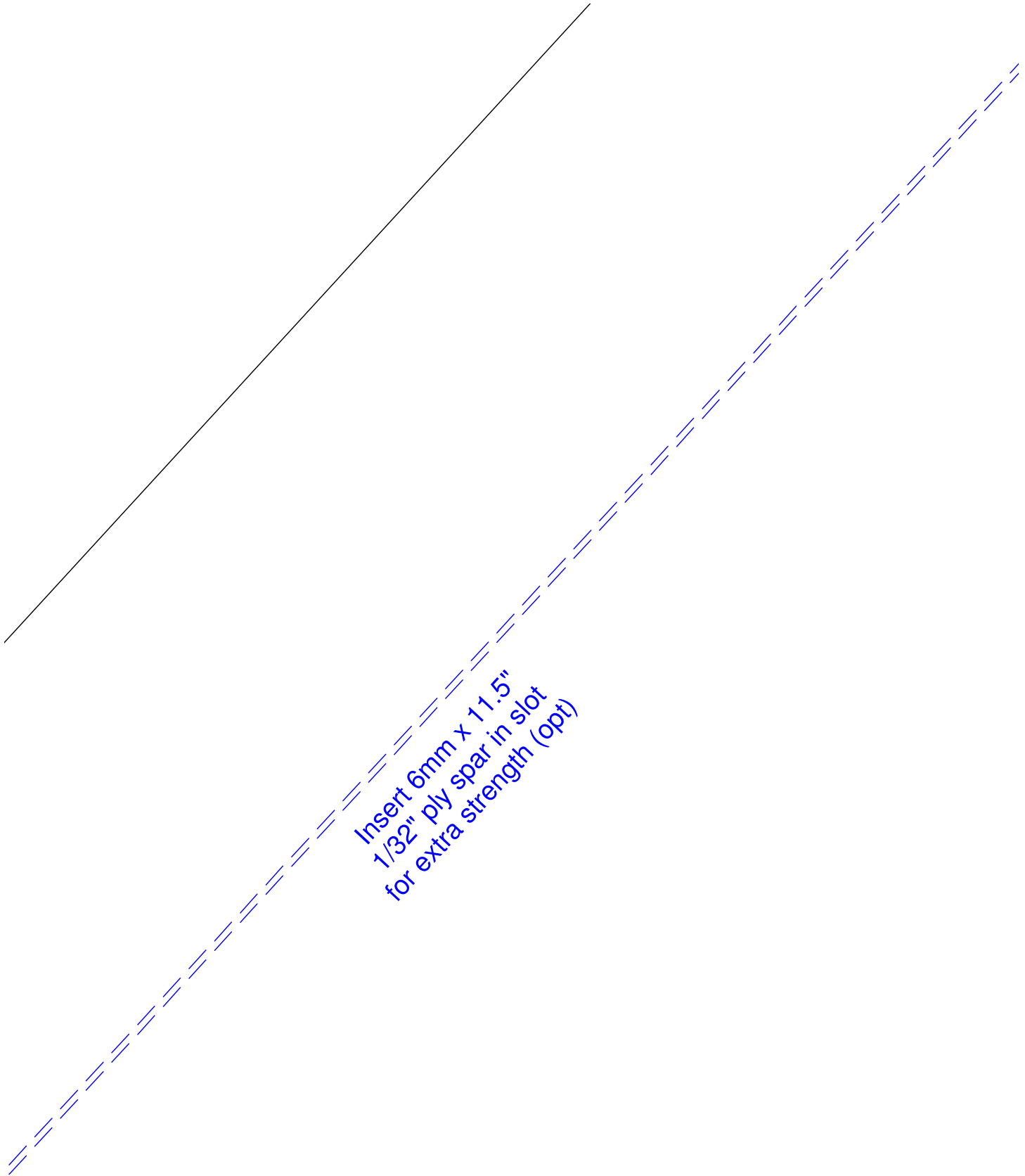




To make the canard strong enough, either:

- 1) Make the entire canard from 3/16" sheet balsa
- 2) Make from foam but edge with hard balsa as shown
- 3) Make from foam and fiberglass the top and bottom



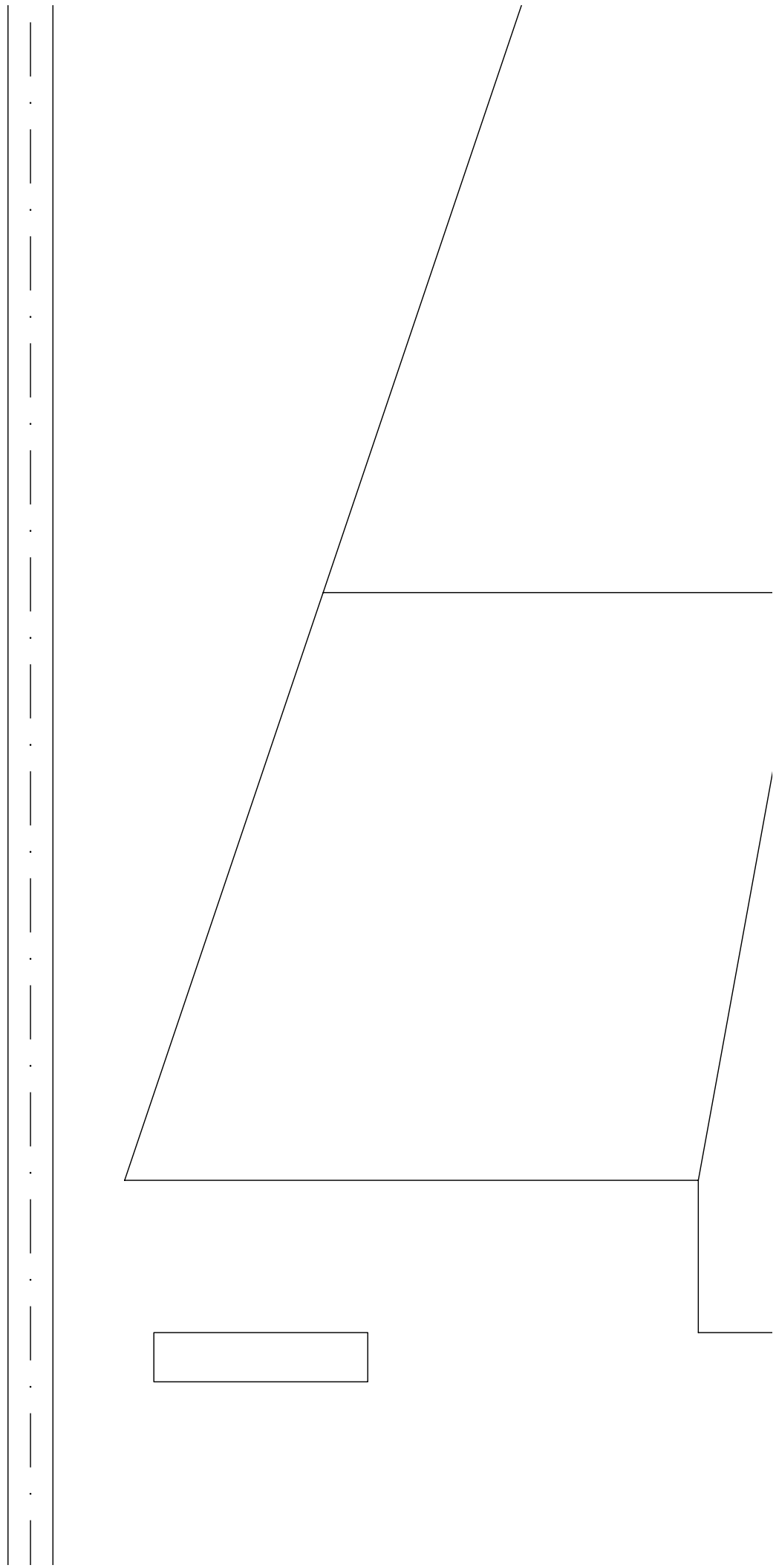


Insert 6mm x 11.5"
1/32" ply spar in slot
for extra strength (opt)

Wing
(Make 1)



.22" carbon tube spar

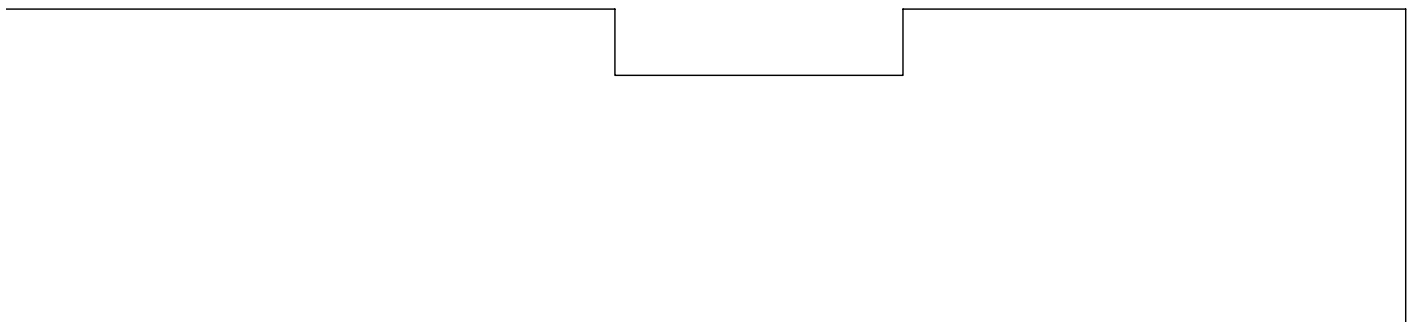
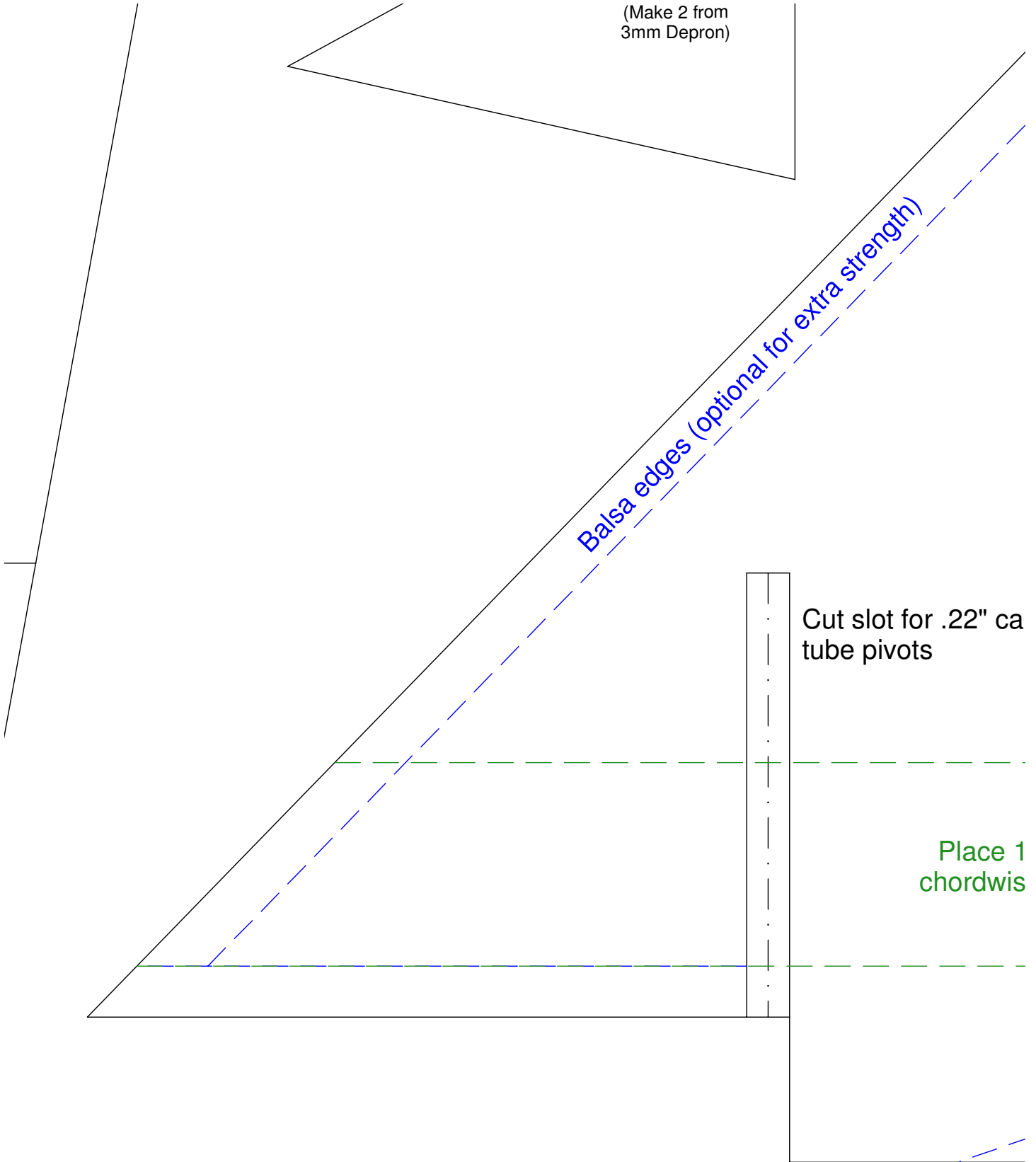


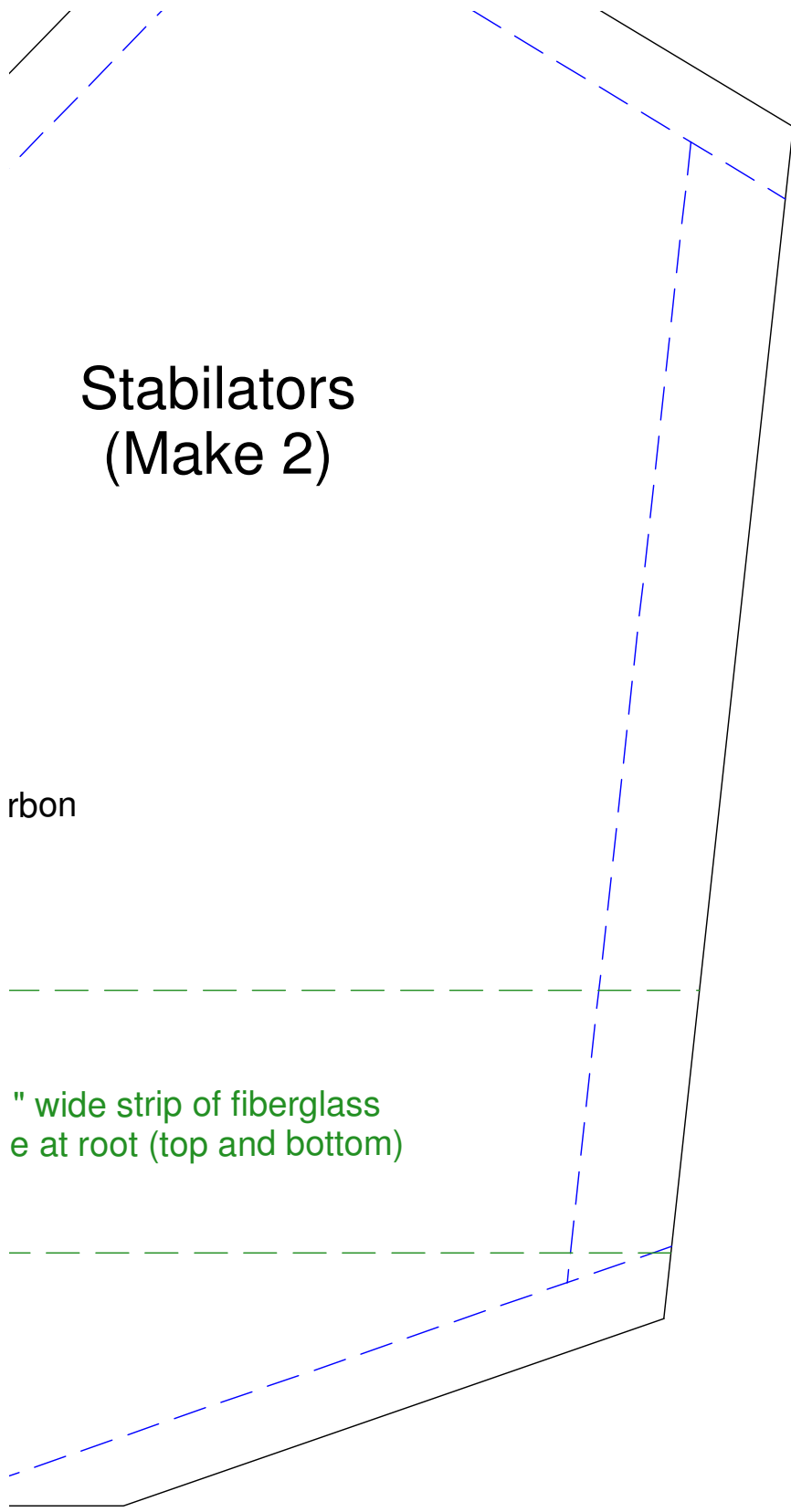
(Make 2 from
3mm Depron)

Balsa edges (Optional for extra strength)

Cut slot for .22" ca
tube pivots

Place 1
chordwis

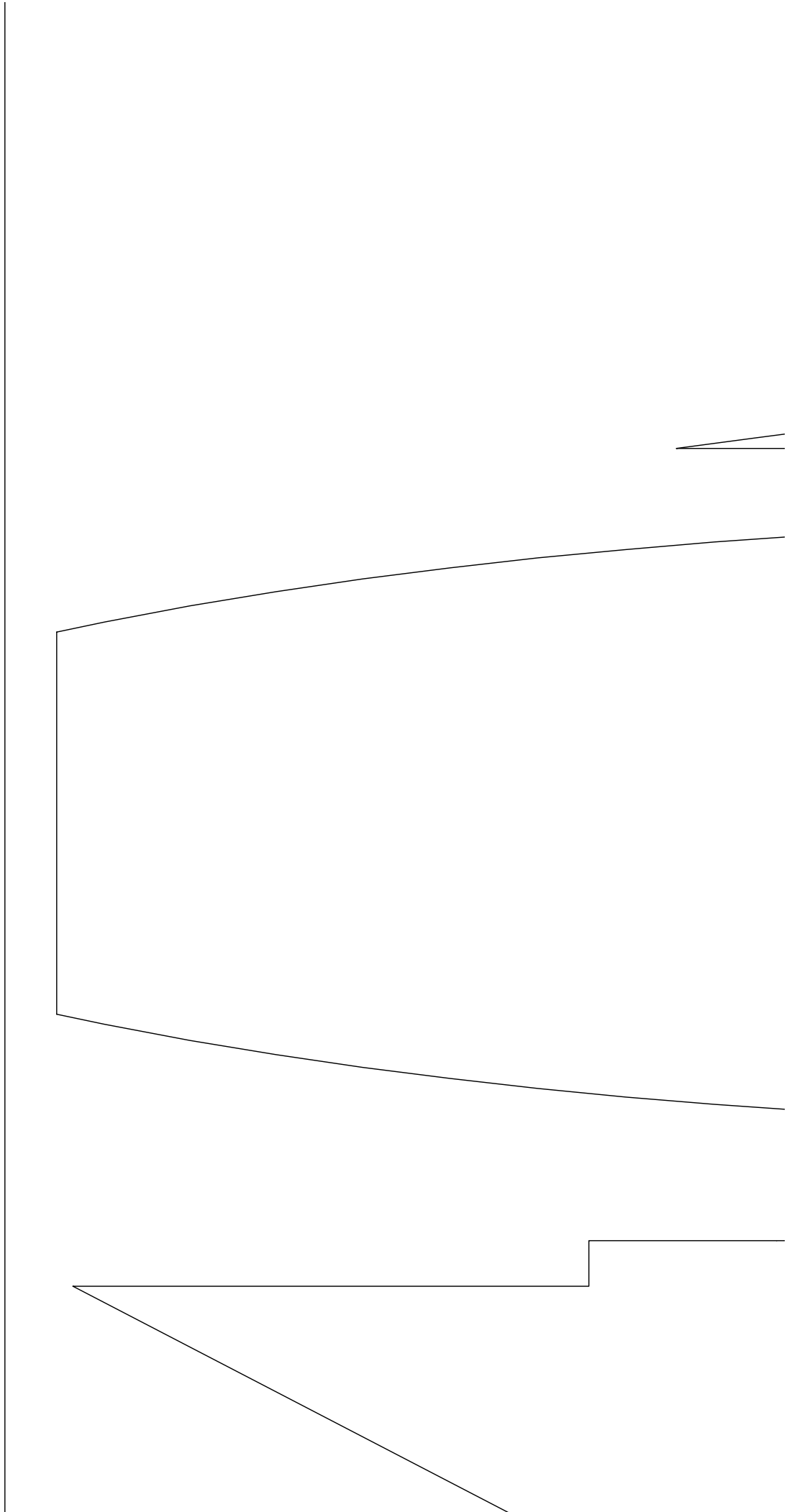


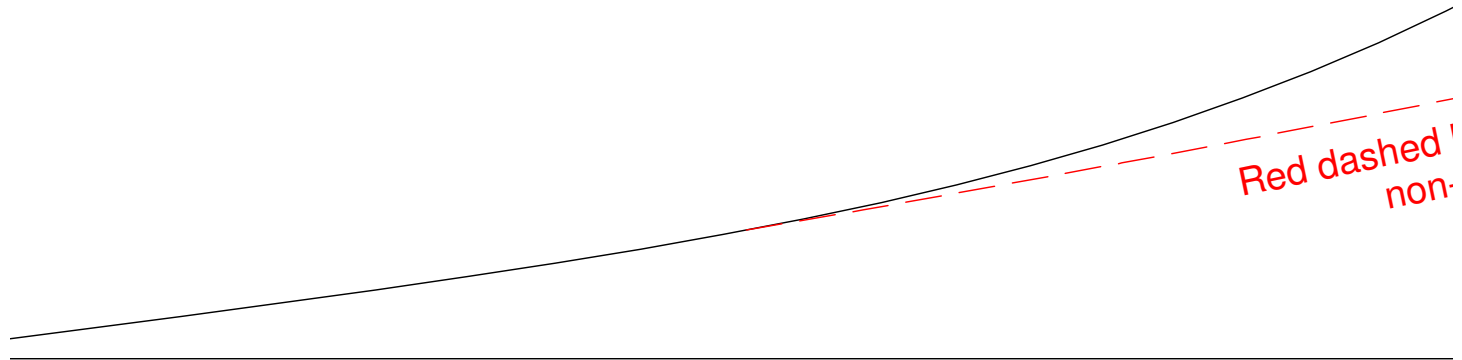
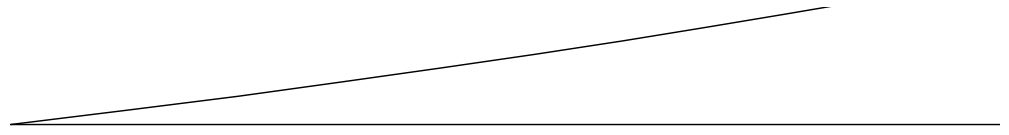


Stabilators (Make 2)

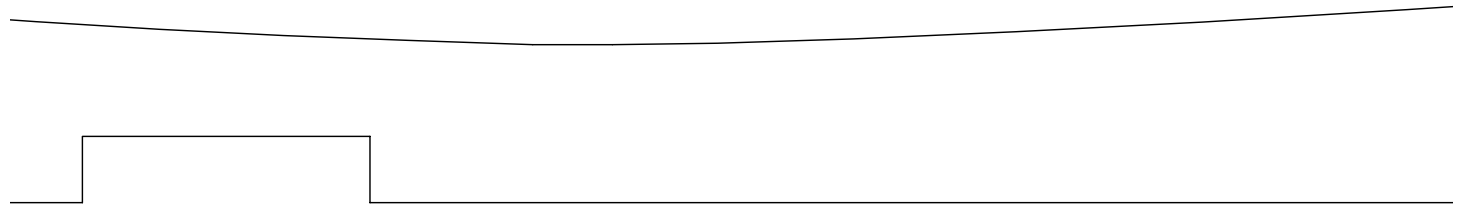
arbon

" wide strip of fiberglass
e at root (top and bottom)





Forward fuselage k
(Make 1)

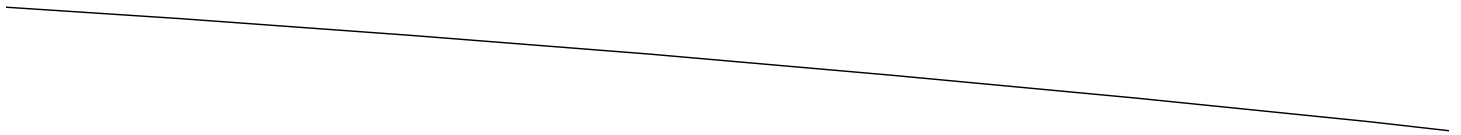
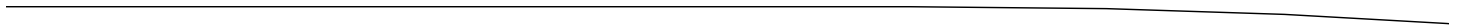


(Make 2)

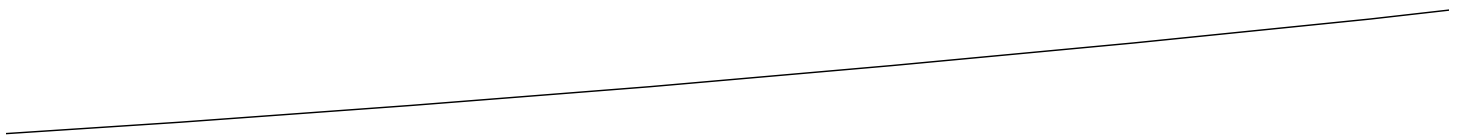


*lines indicate strake design for
-canard Su-30 variants*

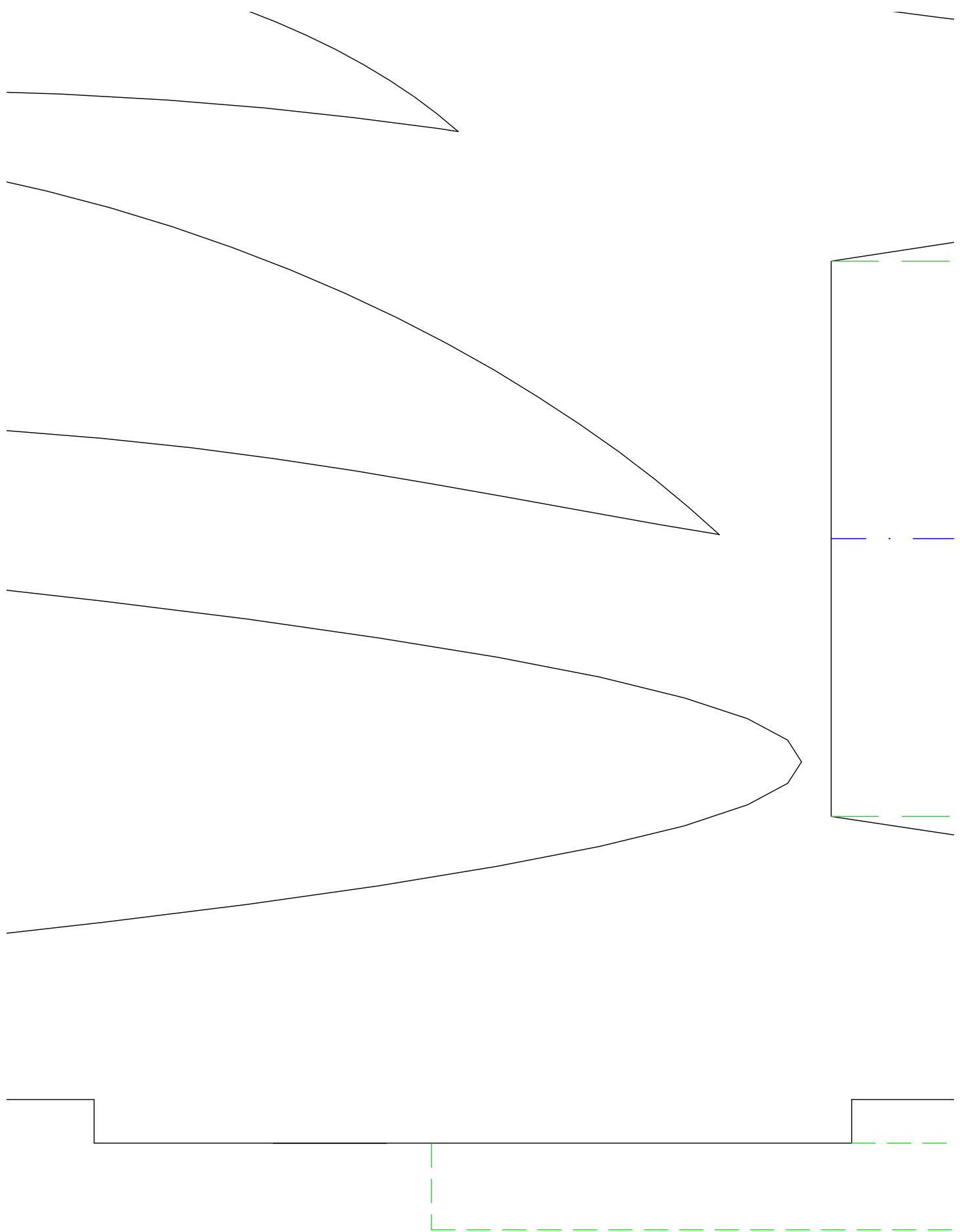
Wing fillet lamination 2
(Make 2)



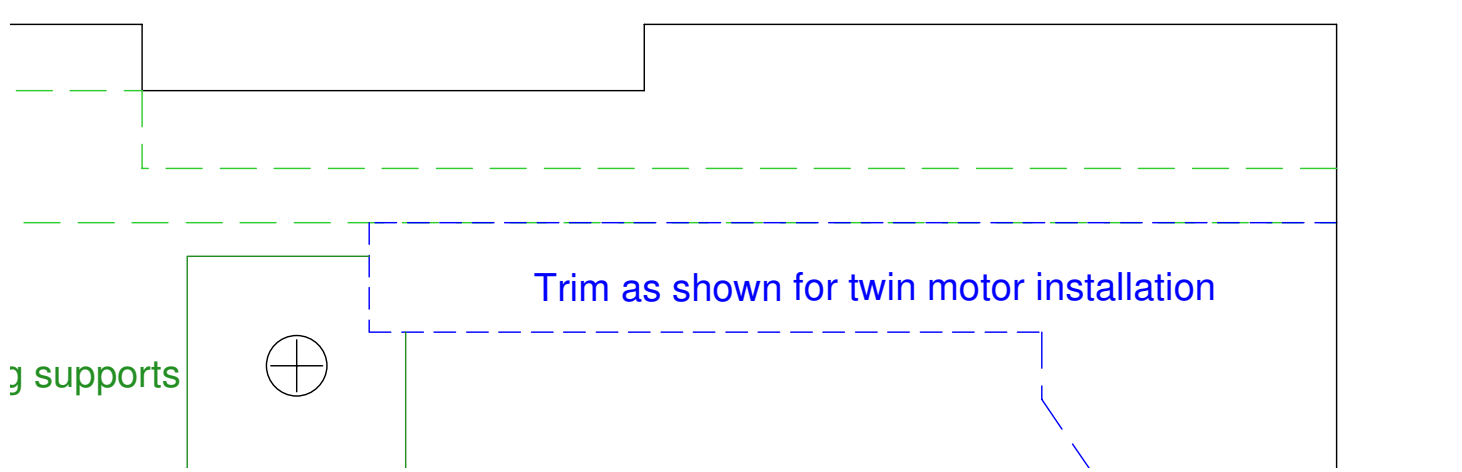
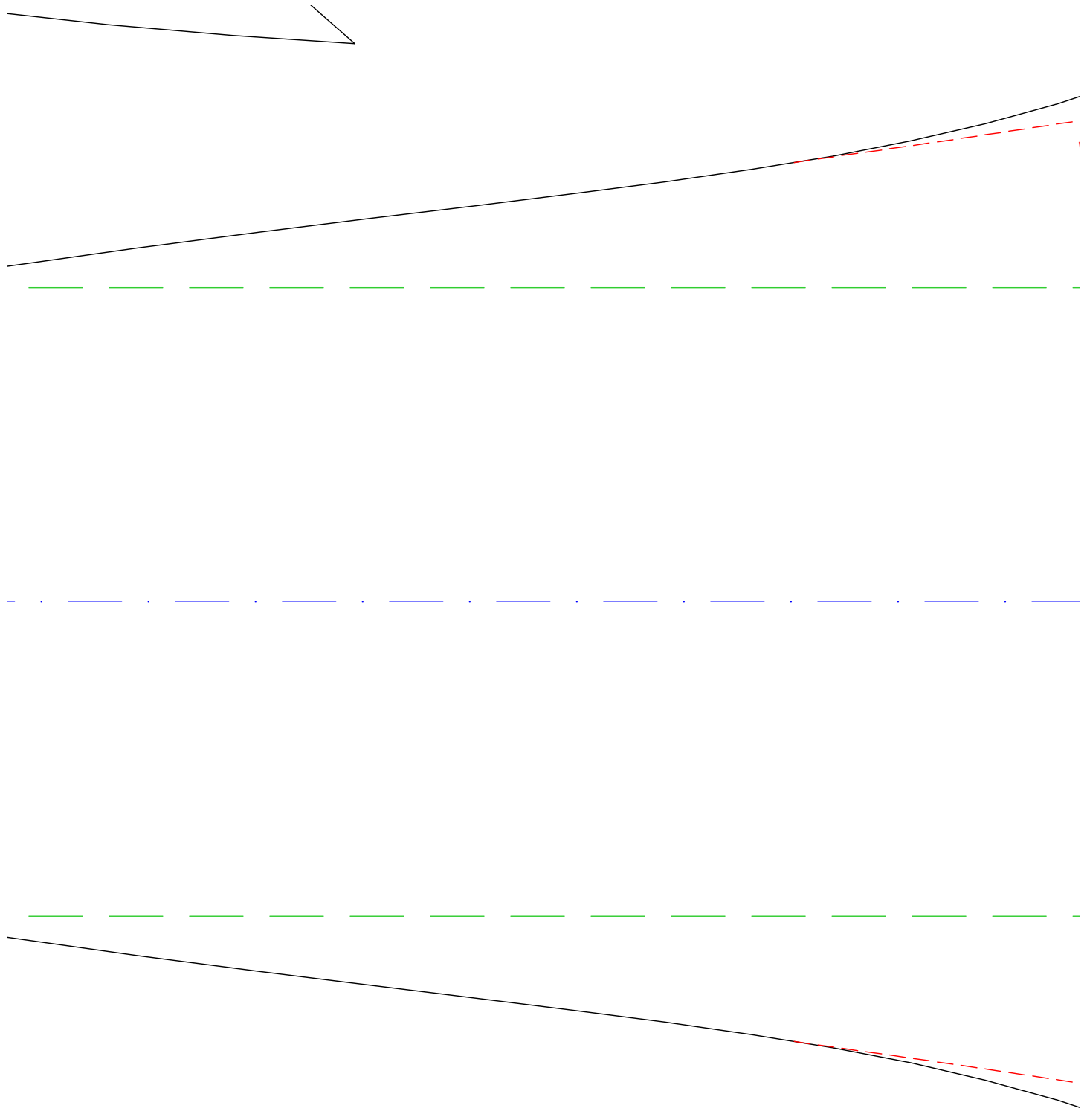
bottom



Outboard nacelle side
(Make 2)



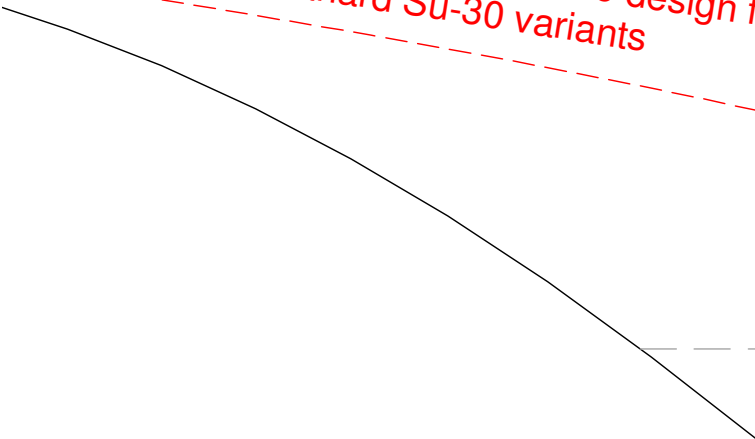
.75" square x 1/16" ply bearing



Red dashed lines indicate strake design for non-canard Su-30 variants

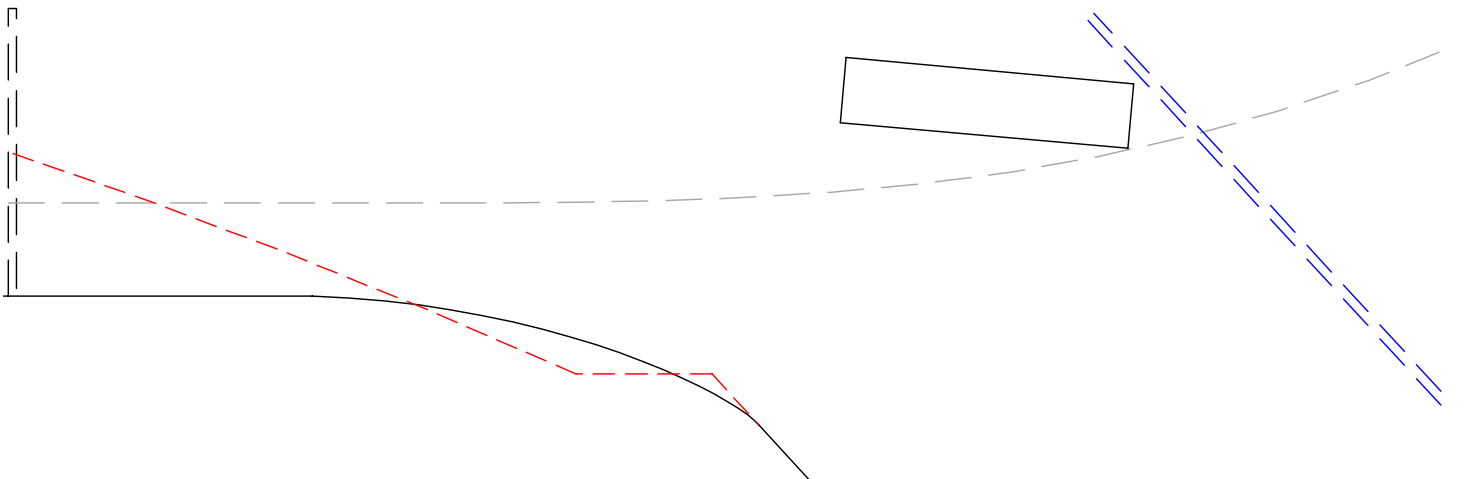


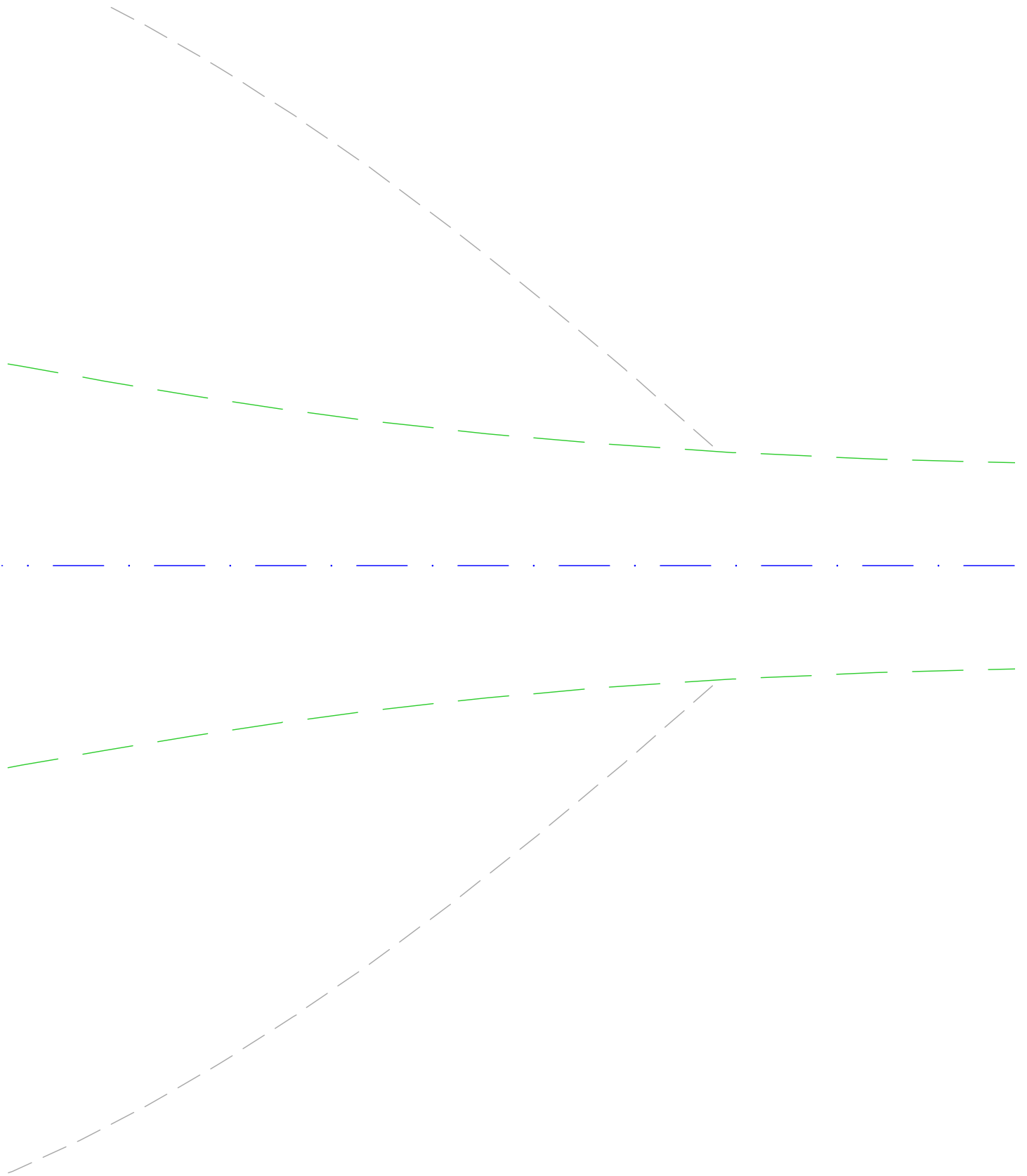
Red dashed lines indicate strake design for non-canard Su-30 variants



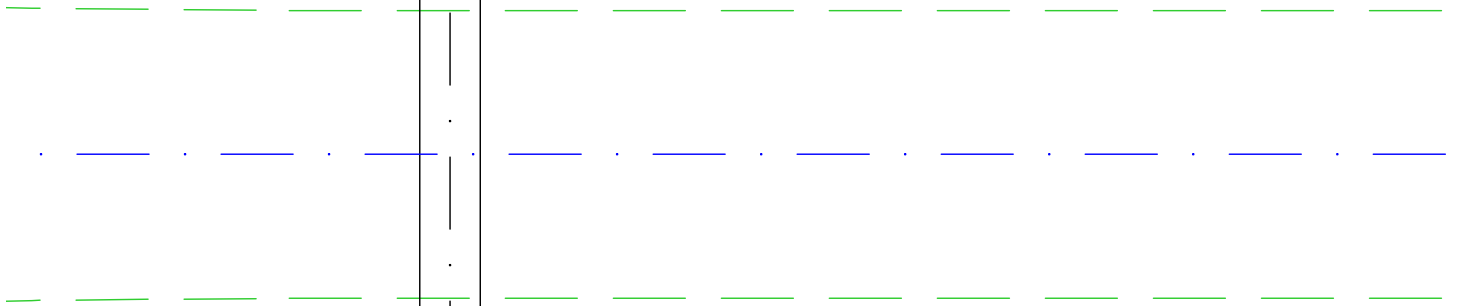
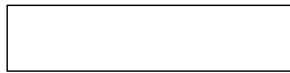
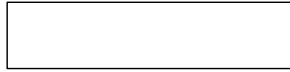
Splice wing here to fit on one sheet of Depron





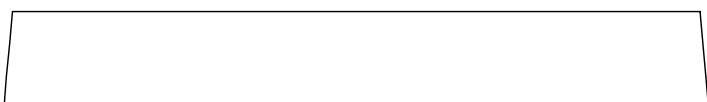
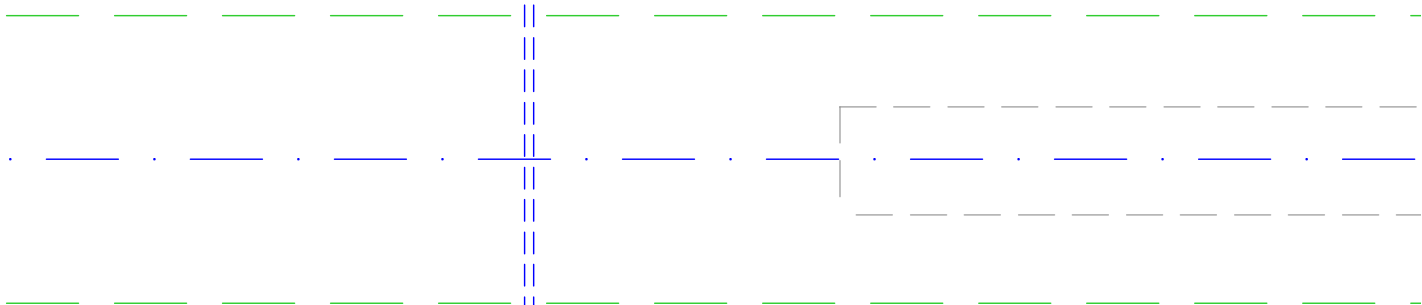


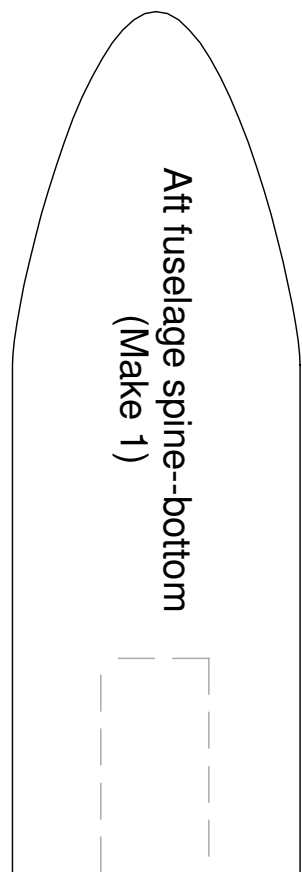
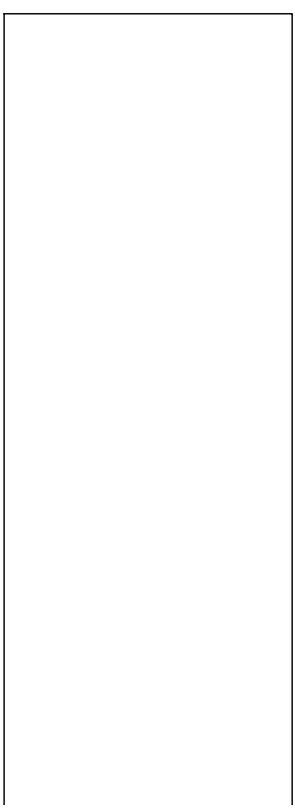
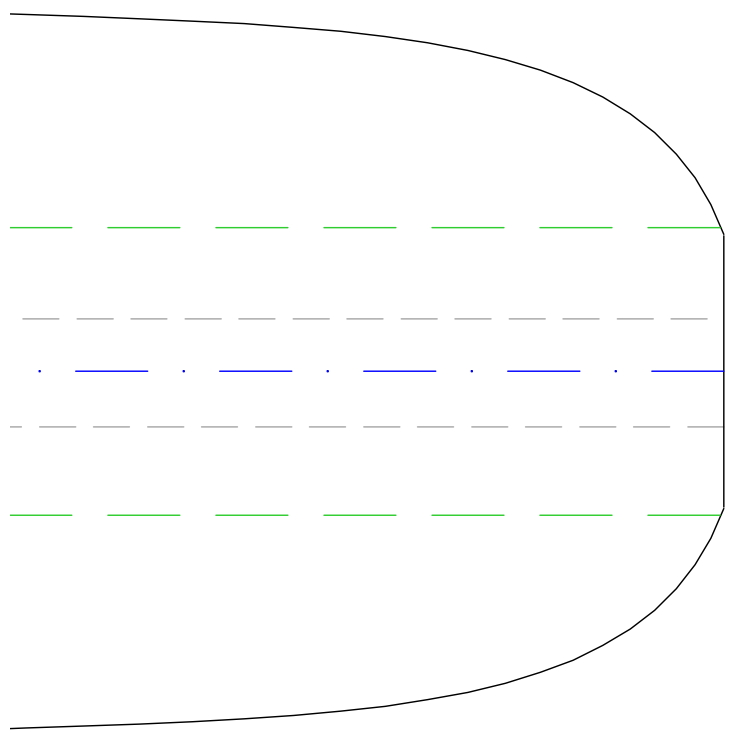
Cut slots to fit tabs in nacelle sides (typical)



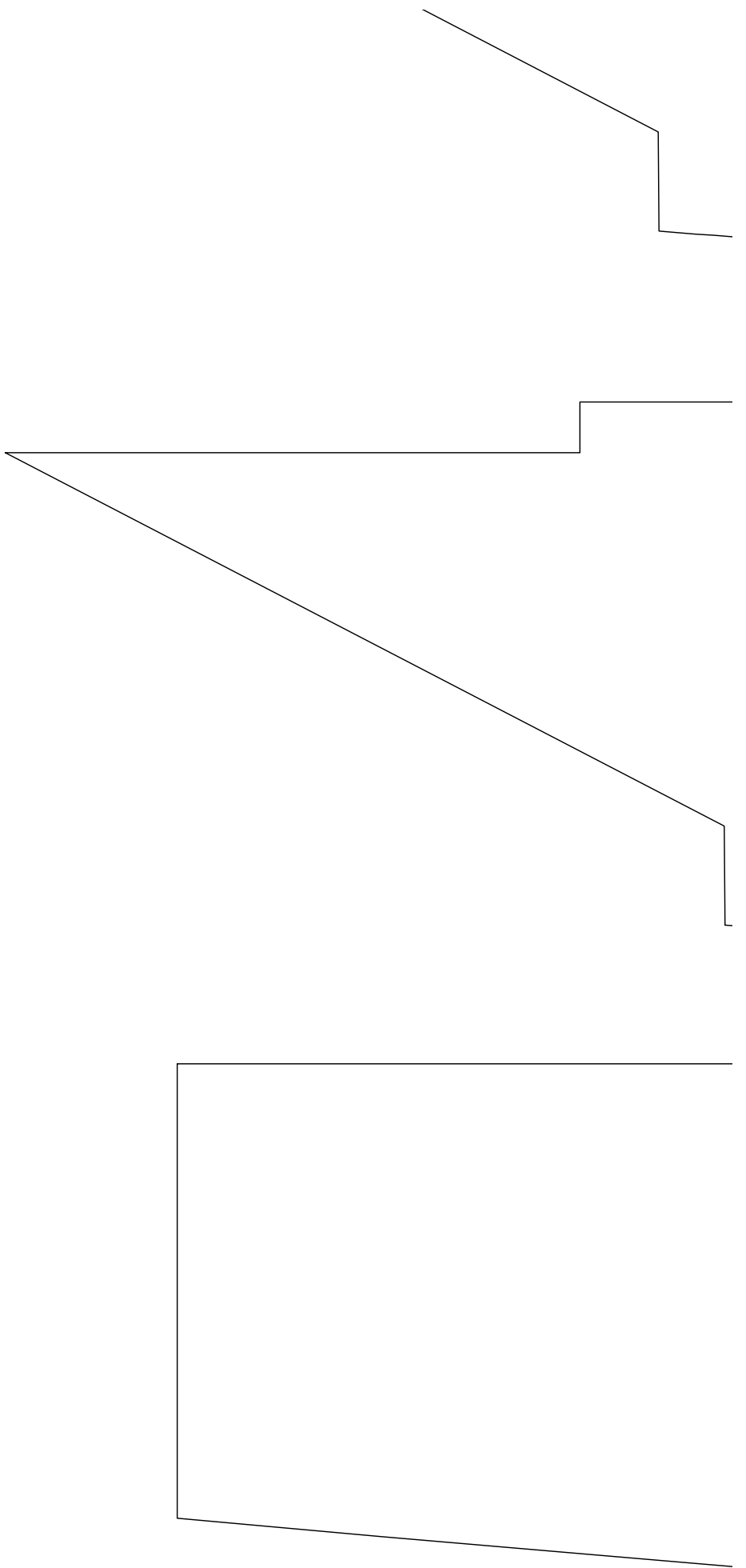


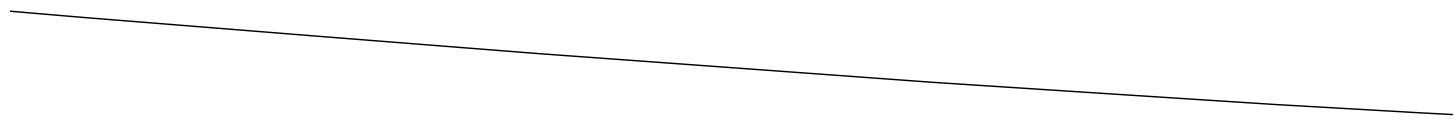
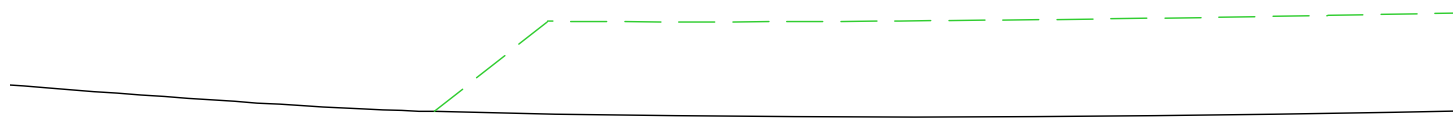
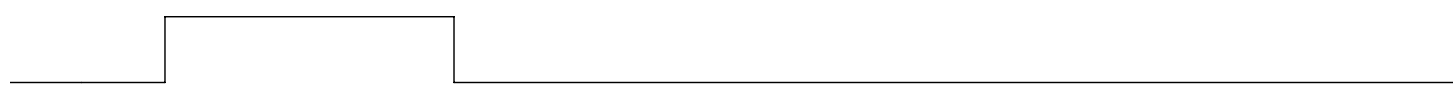
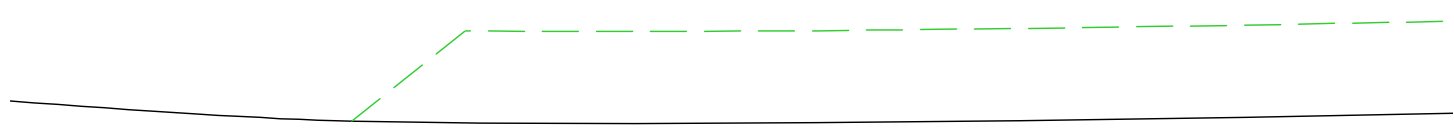
Insert 1/32" ply spar inside slot (6mm x 4.0")

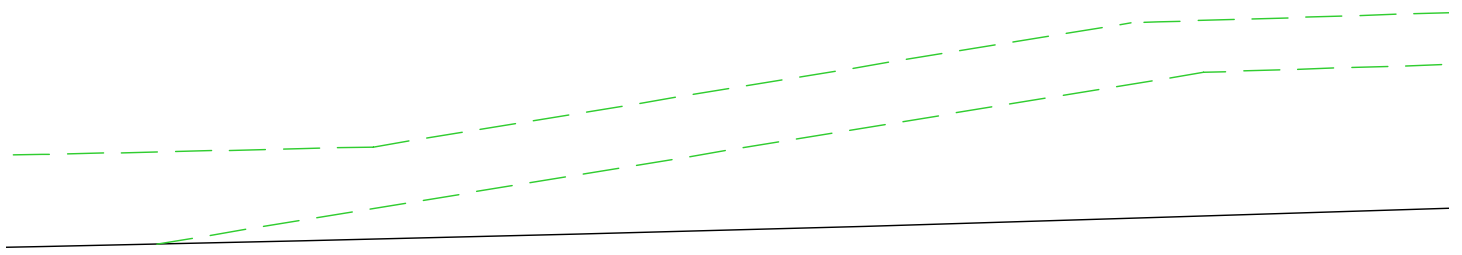




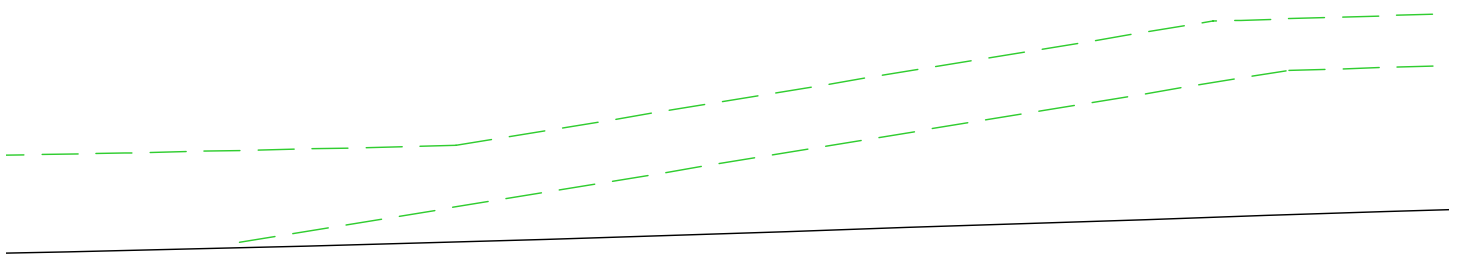
Aft fuselage spine--bottom
(Make 1)





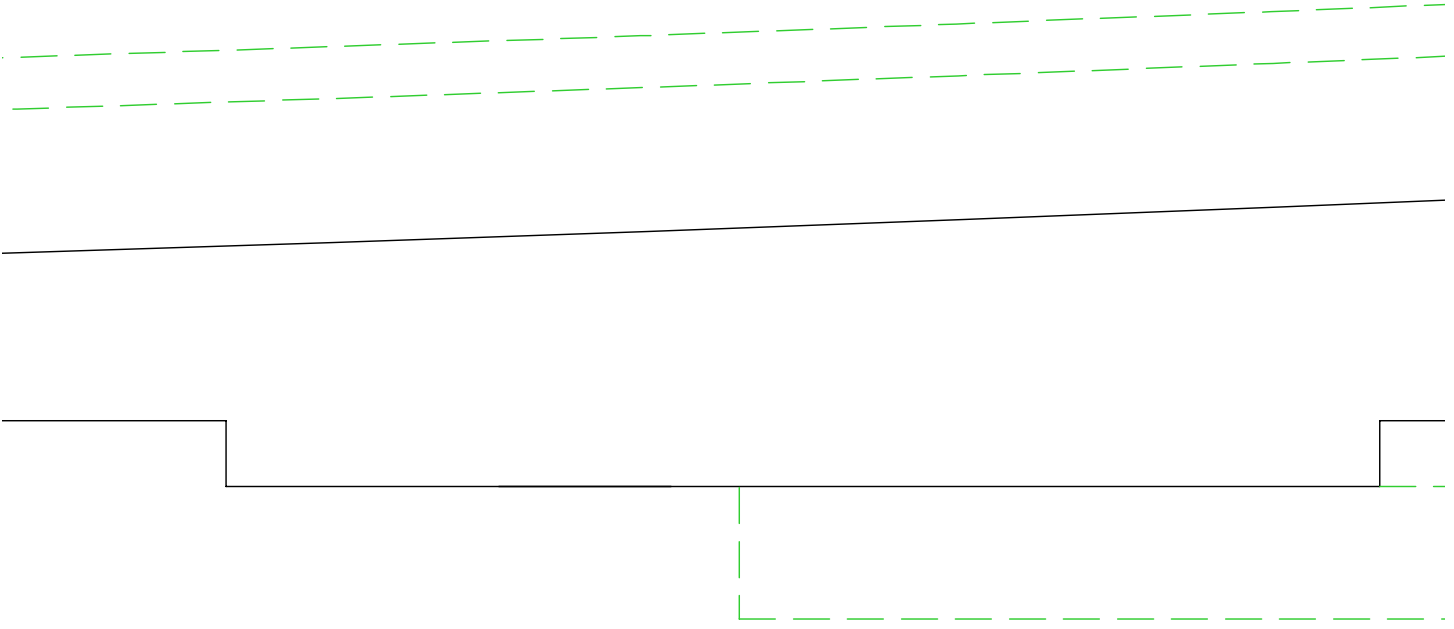


Inboard nacelle side
(Make 2)

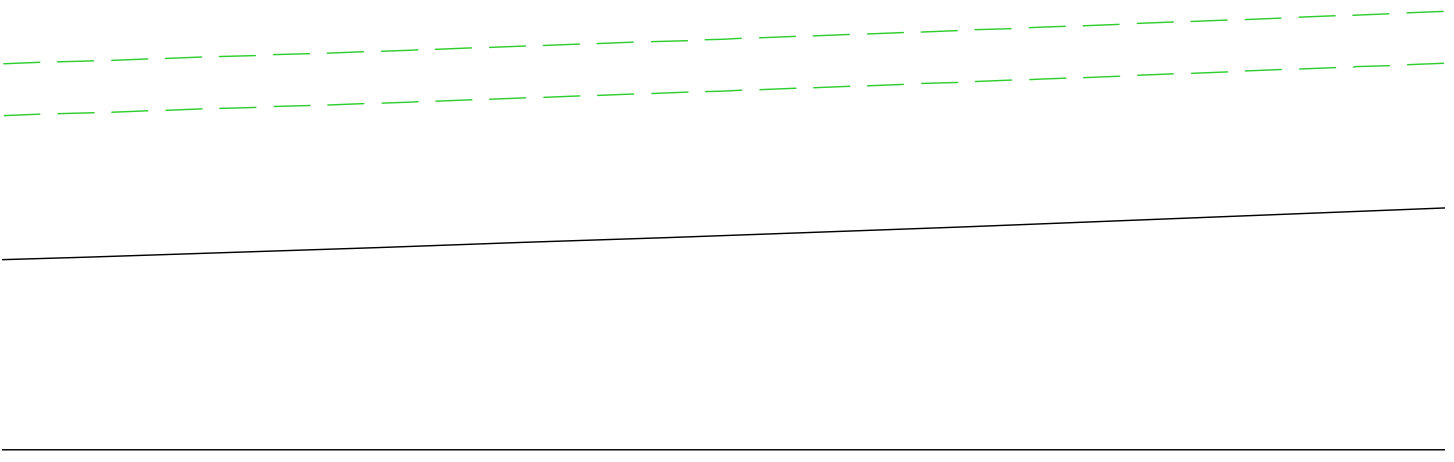


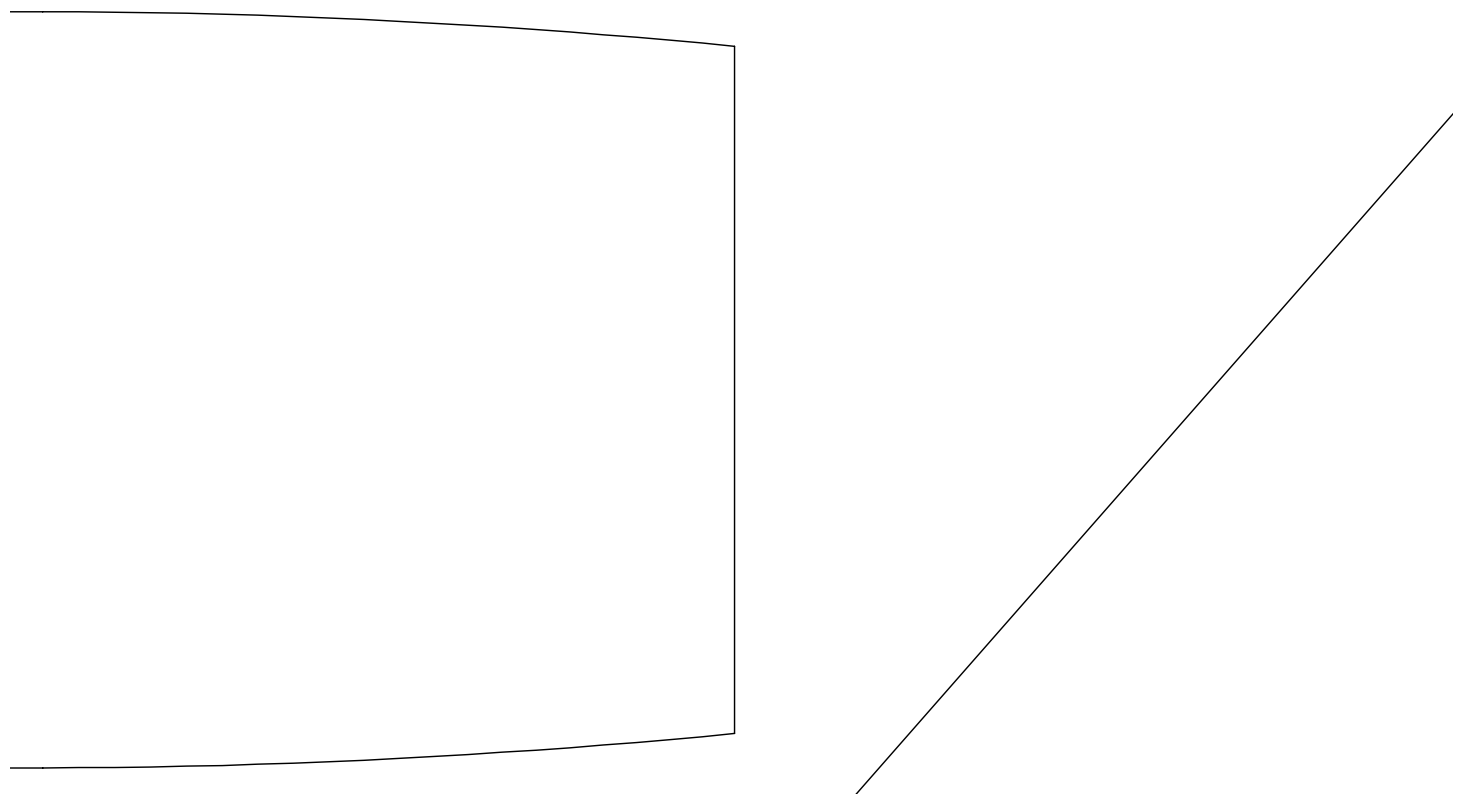
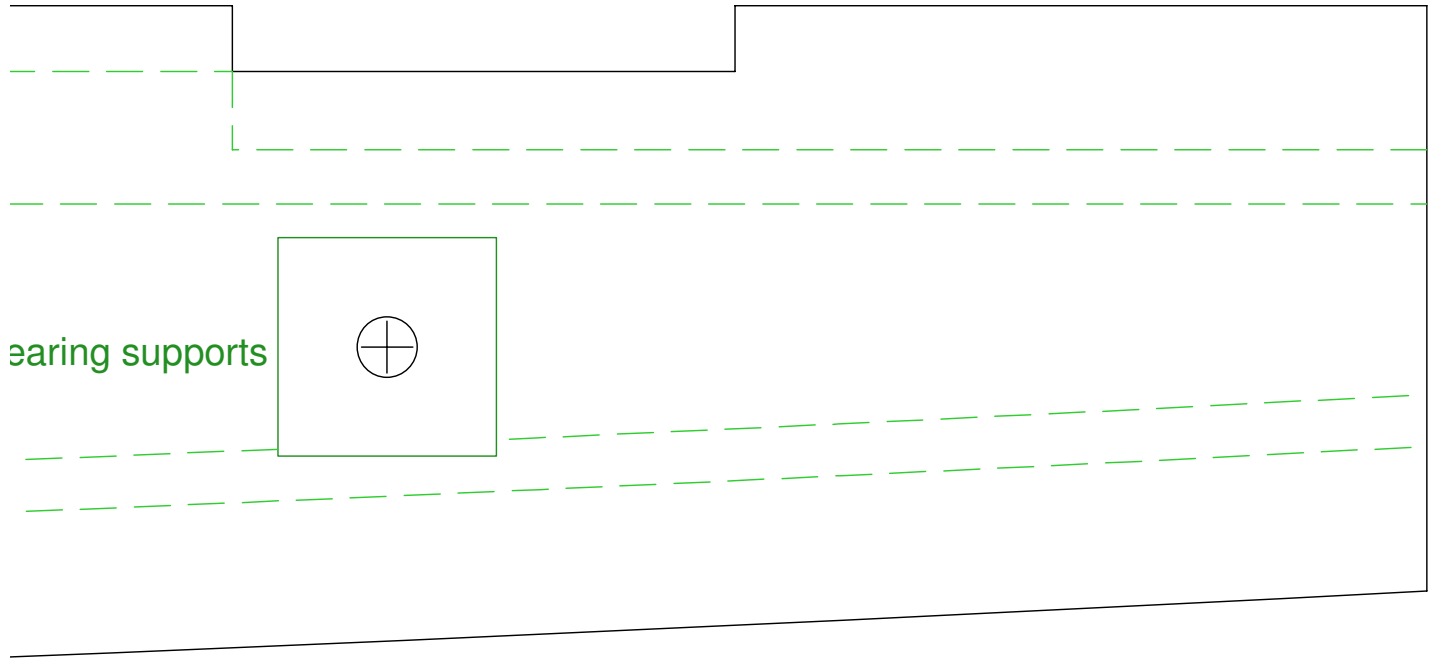
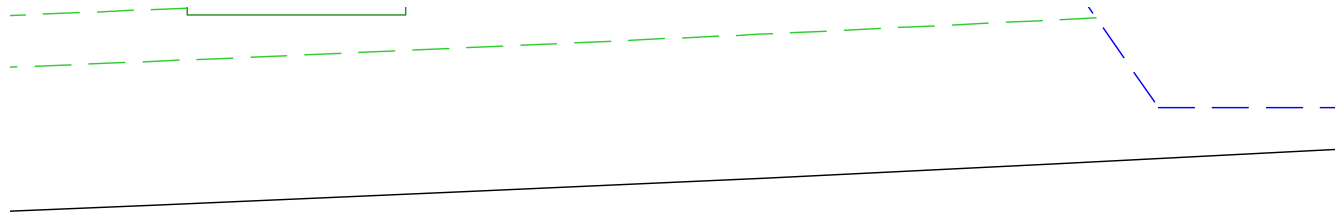
Nacelle bottom
(Make 2)

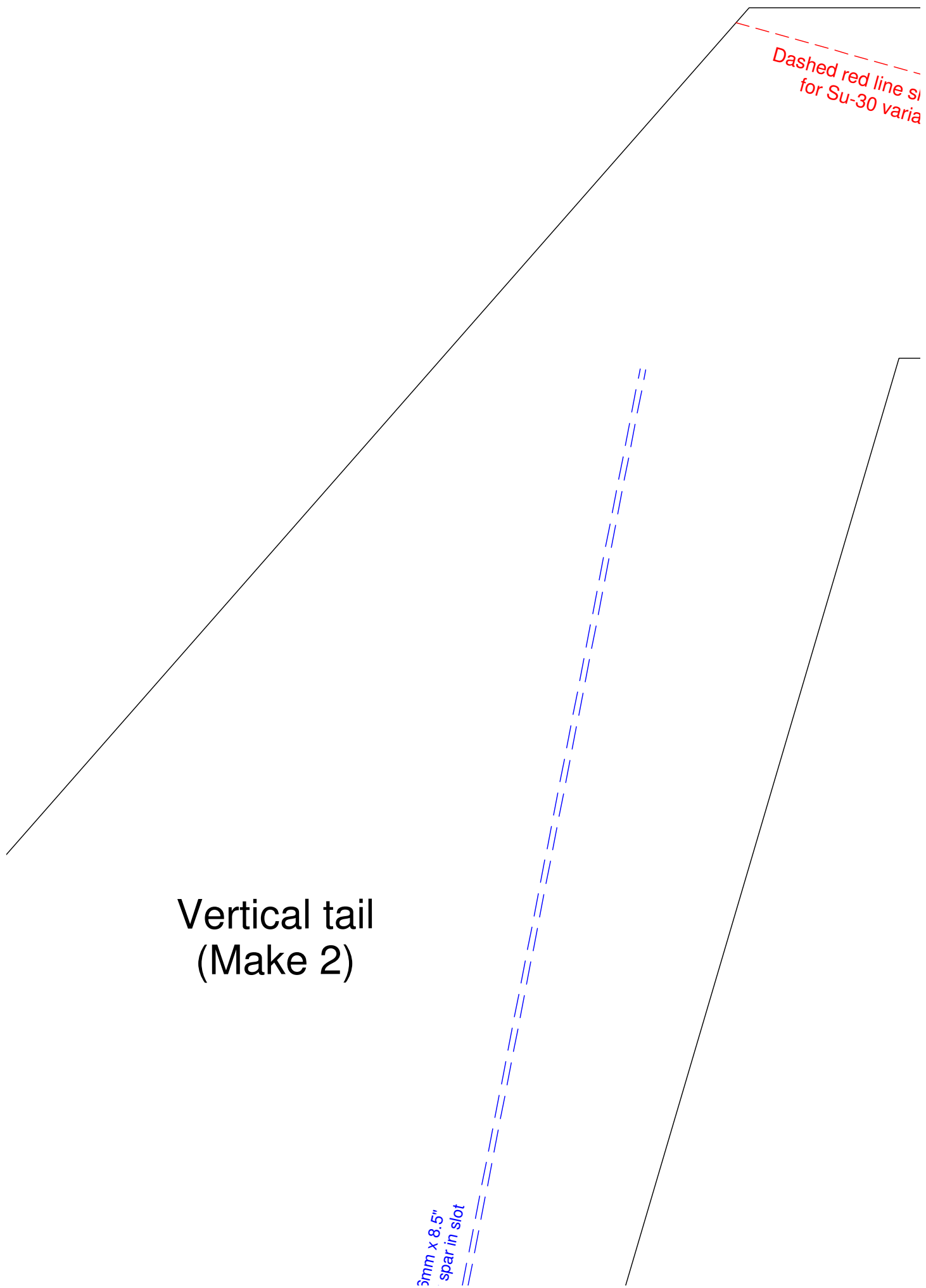




.75" square x 1/16" ply bo

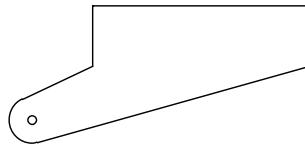




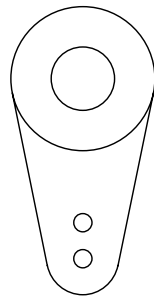
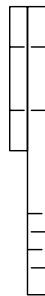


shows tip
mounts

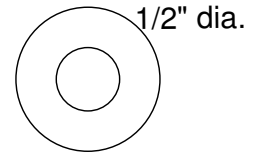
Rudder control horns (make 2 from 1/32" plywood)



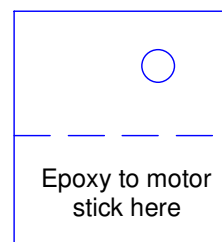
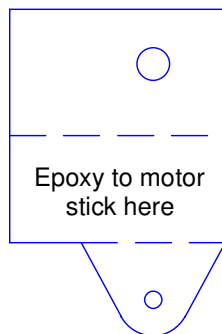
Glue one doubler to
control horn as shown



Stabilator control horn
(Make 2 from 1/16" ply)



Stabilator control horn
doubler/end stops
(Make 6 from 1/16" ply)



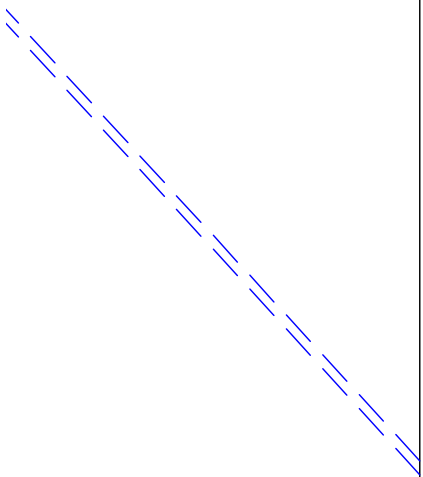
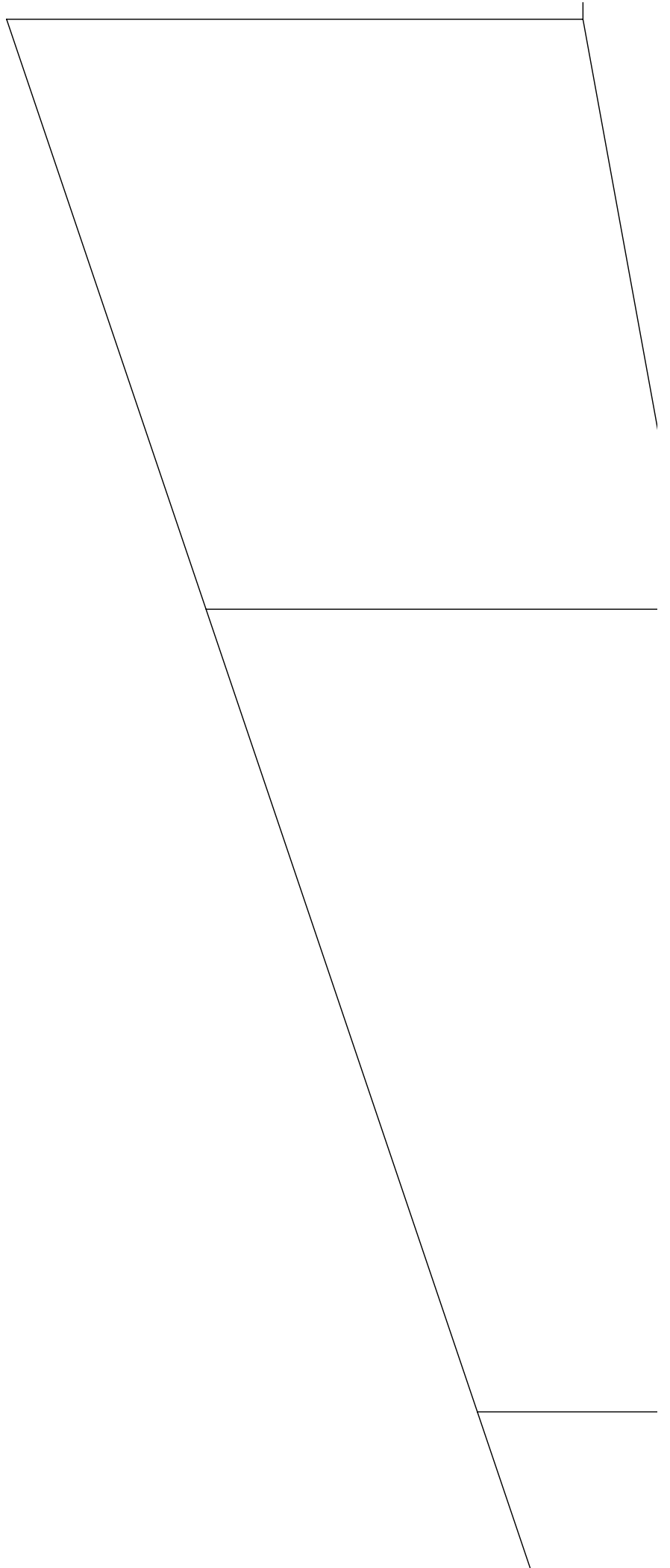
Side plates for thrust
vectoring motor mount

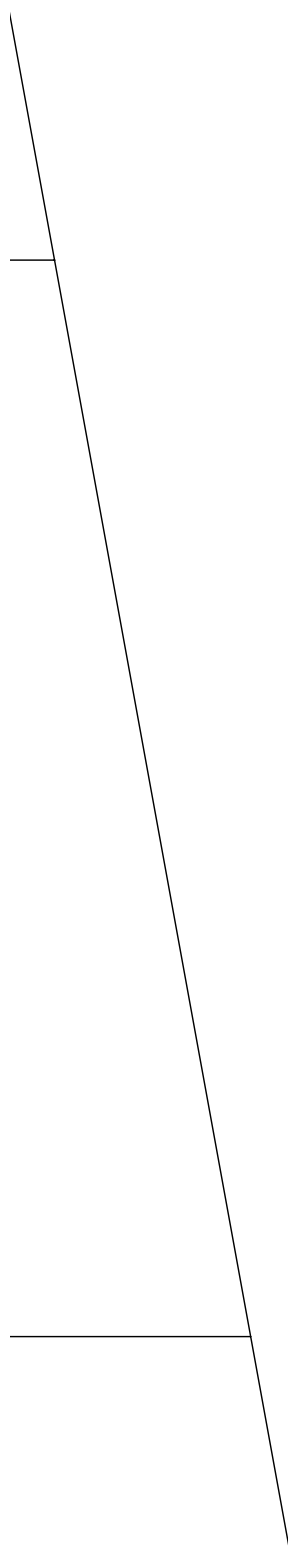
Note: If using
modify the he
the centerline
pivot bolt (tc



Insert 6mm x 11.5"
1/32" ply spar in slot
for extra strength (opt)

g a motor other than the LSPJ,
right of the side plates to ensure
of the motor is aligned with the
) minimize strain on the servo)

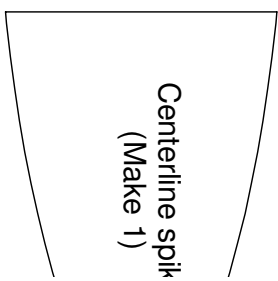
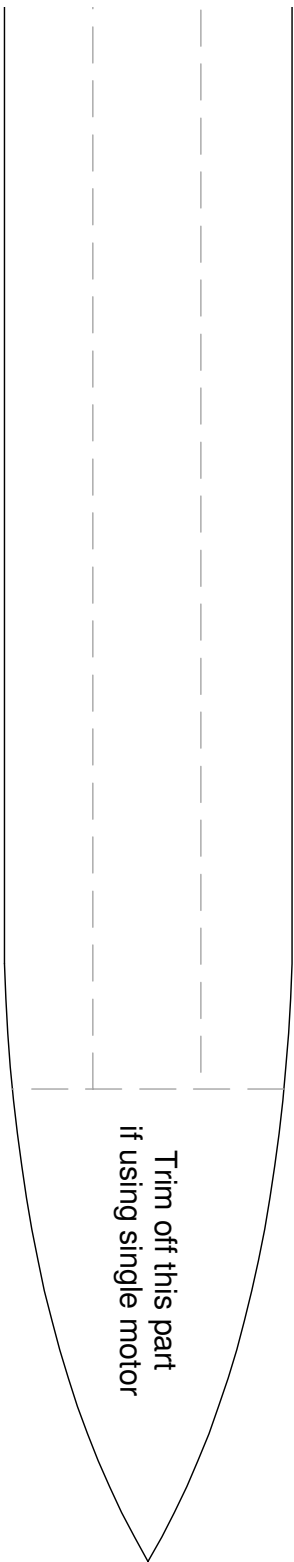




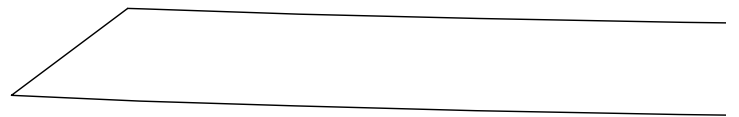
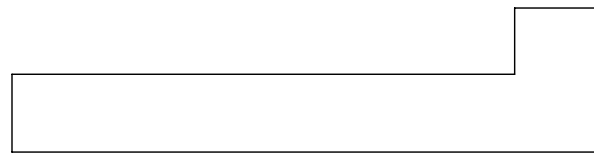
Outboard

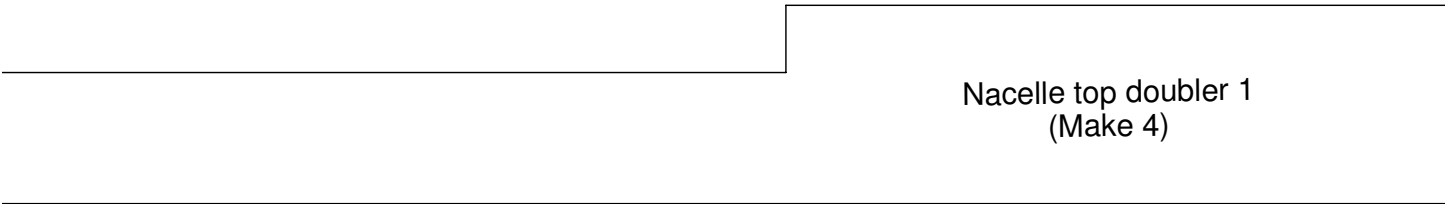
Nacelle tops
(Make 2)

Inboard



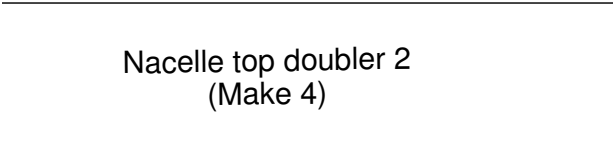
Aft fuselage spine--top
(Make 2 and laminate)





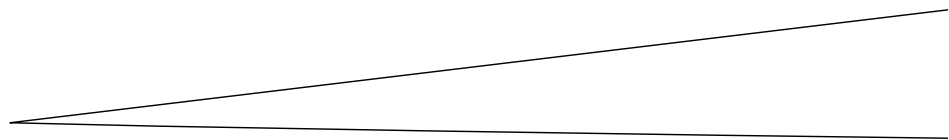
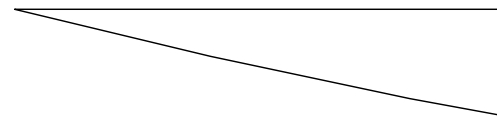
Nacelle top doubler 1
(Make 4)

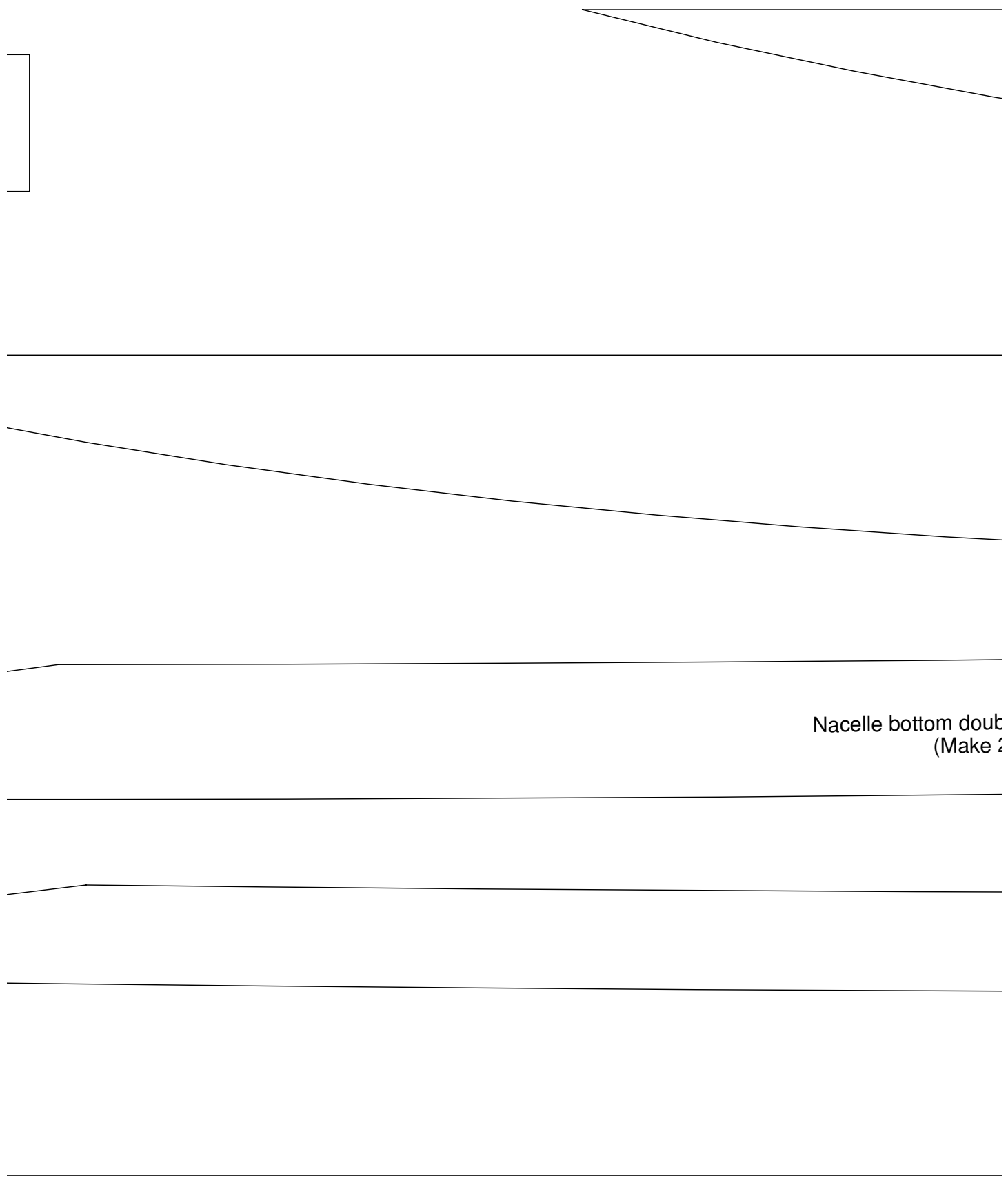
This diagram shows a rectangular part template with a stepped top edge. The top edge is horizontal on the left, then drops vertically, then continues horizontally to the right. The rest of the part is a simple rectangle.



Nacelle top doubler 2
(Make 4)

This diagram shows a simple rectangular part template.



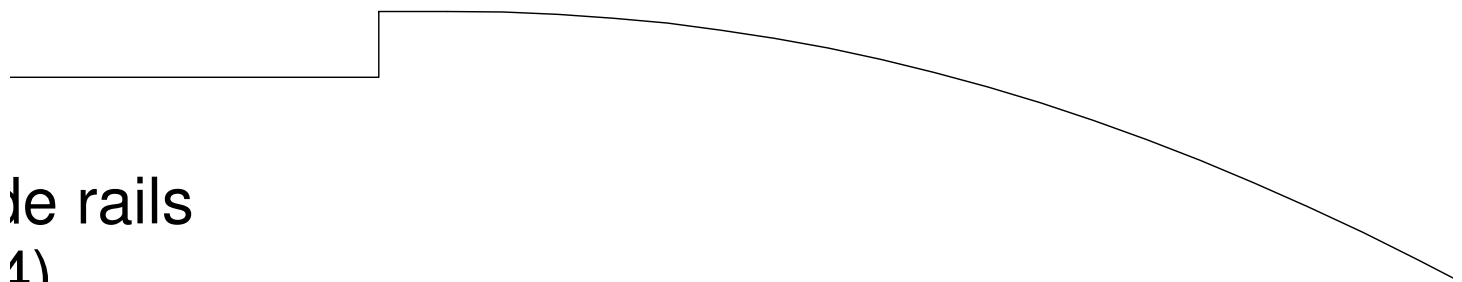
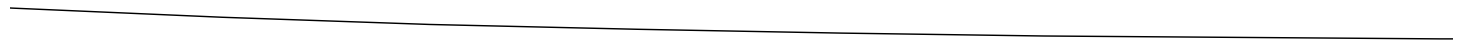


Nacelle bottom doublers
(Make 2)

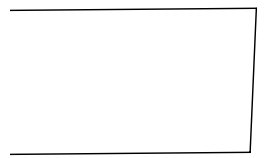
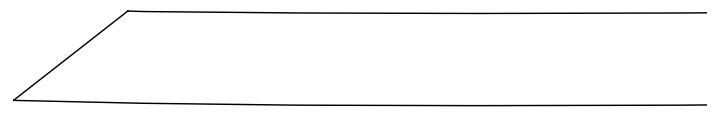
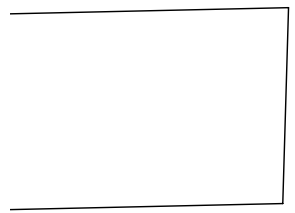
Fuselage sic
(Make 4

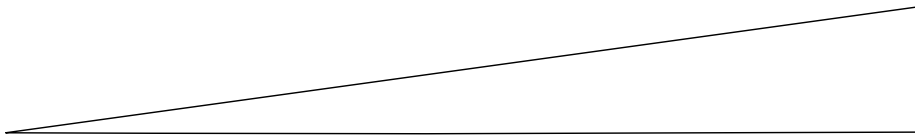
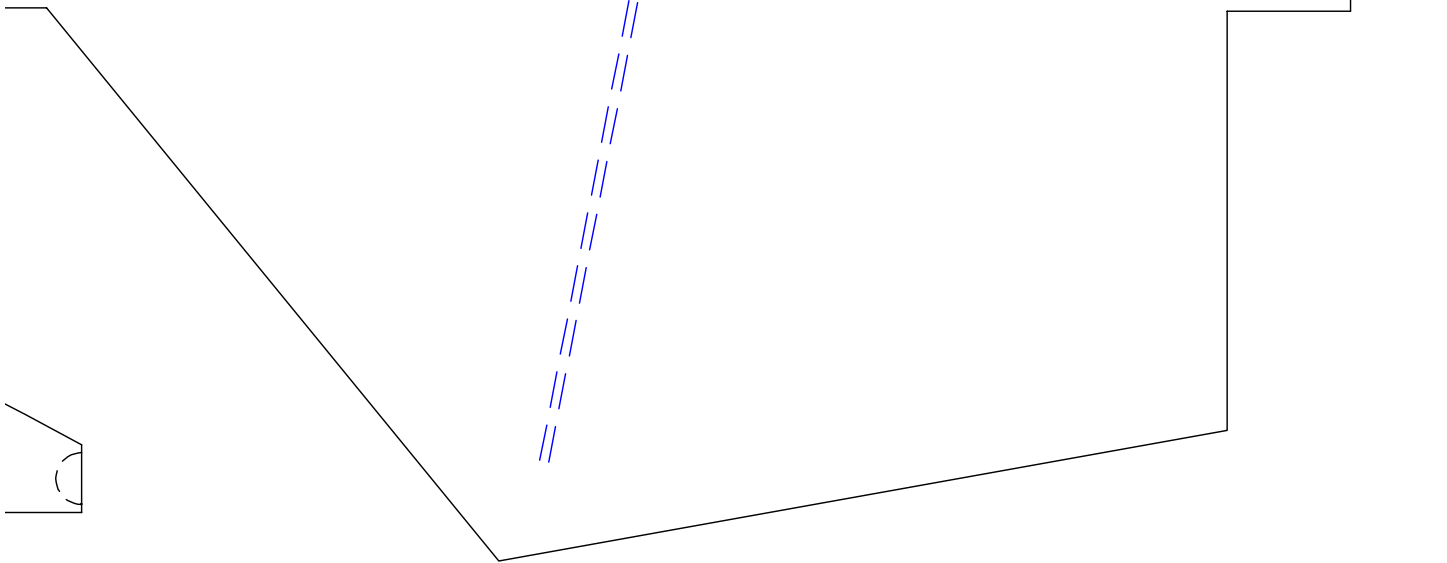
oler 1 - Inboard
(2)

Nacelle bottom doubler 2 - Inboard
(Make 2)

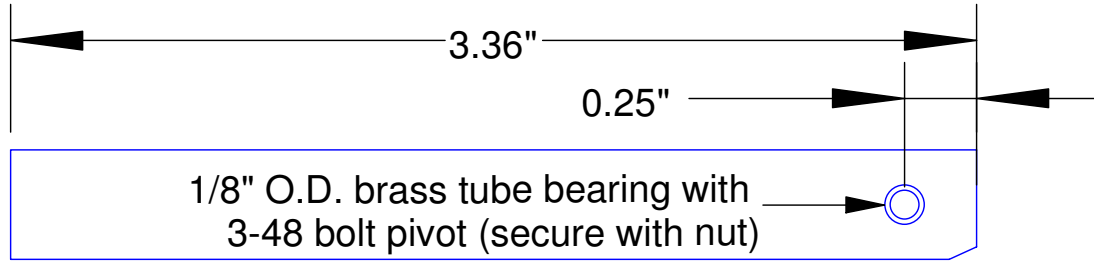


le rails
4)



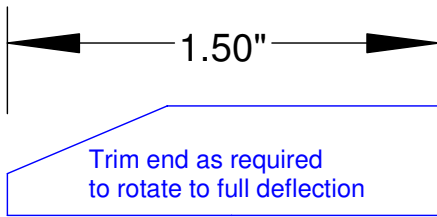


(Make 2 each from 1/8" ply)



Main motor mount stick
(3/8" sq hardwood)

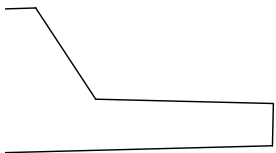
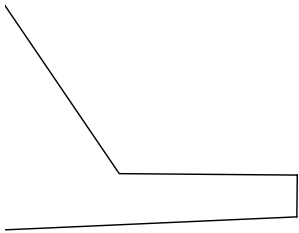
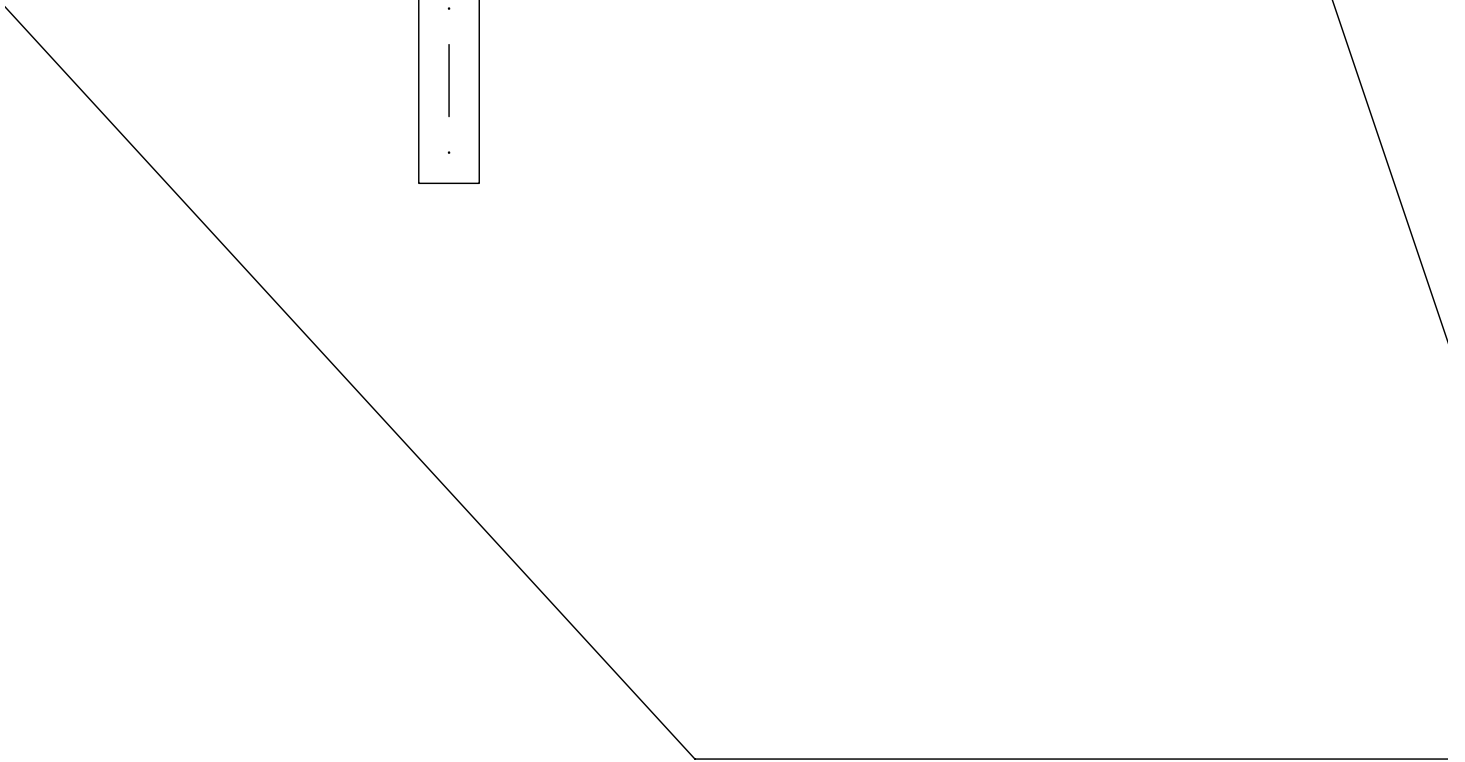
Nacelle bottom d
(M:

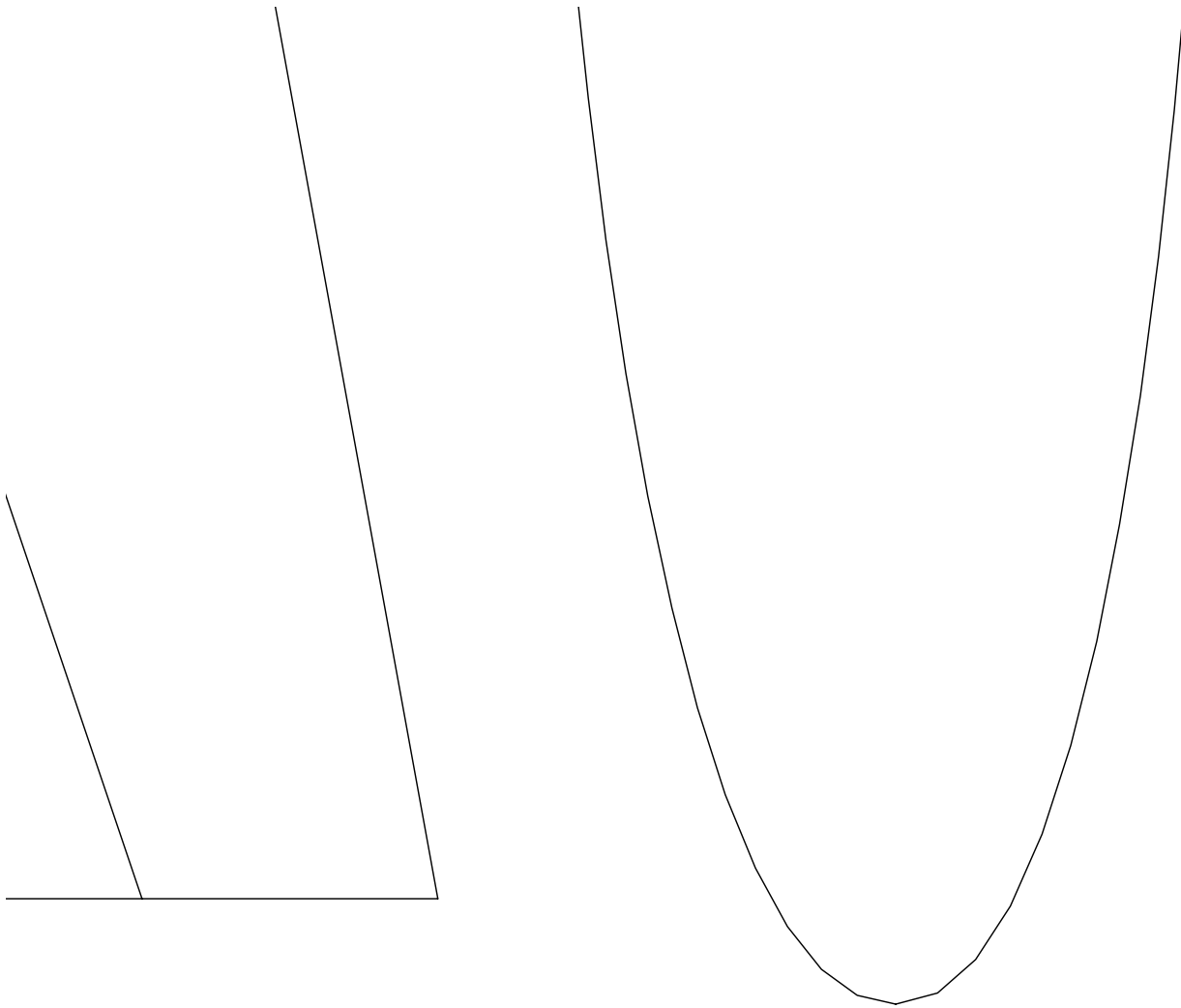


Movable portion of
motor mount stick
(3/8" sq hardwood)

Nacelle bottom doubler 1 - Outboard
(Make 2)

doubler 2 - Outboard
(Make 2)

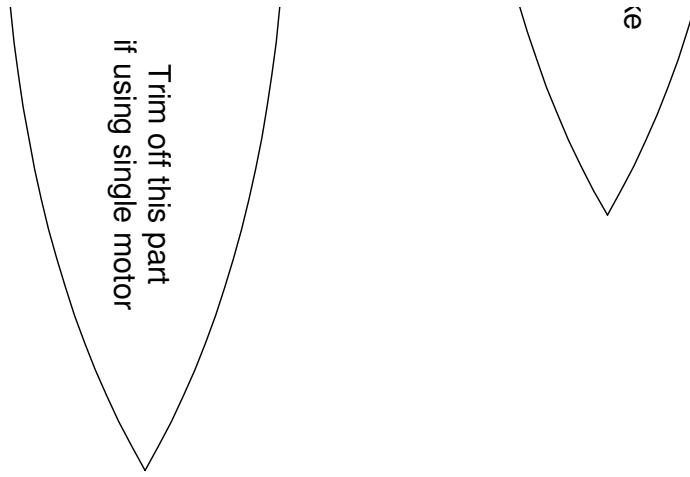




Su-37 Super Fla
Designed by Sto

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All parts made from 6mm
foam unless other



anker Park Jet eve Shumate

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wise specified

