

Center wing strut angle guage  
(Make 2)

Base cross piece for  
all alignment guages  
(Make 2)

Upper wing alignment guage  
(Make 2)

Landing gear strut angle guage  
(Make 1)

Center wing struts  
(Make 2 from 1/8" plywood)

Landing gear  
(Make 2 from 1/8"

Cut slot for 0.125" dia x 8.75"  
carbon tube axle

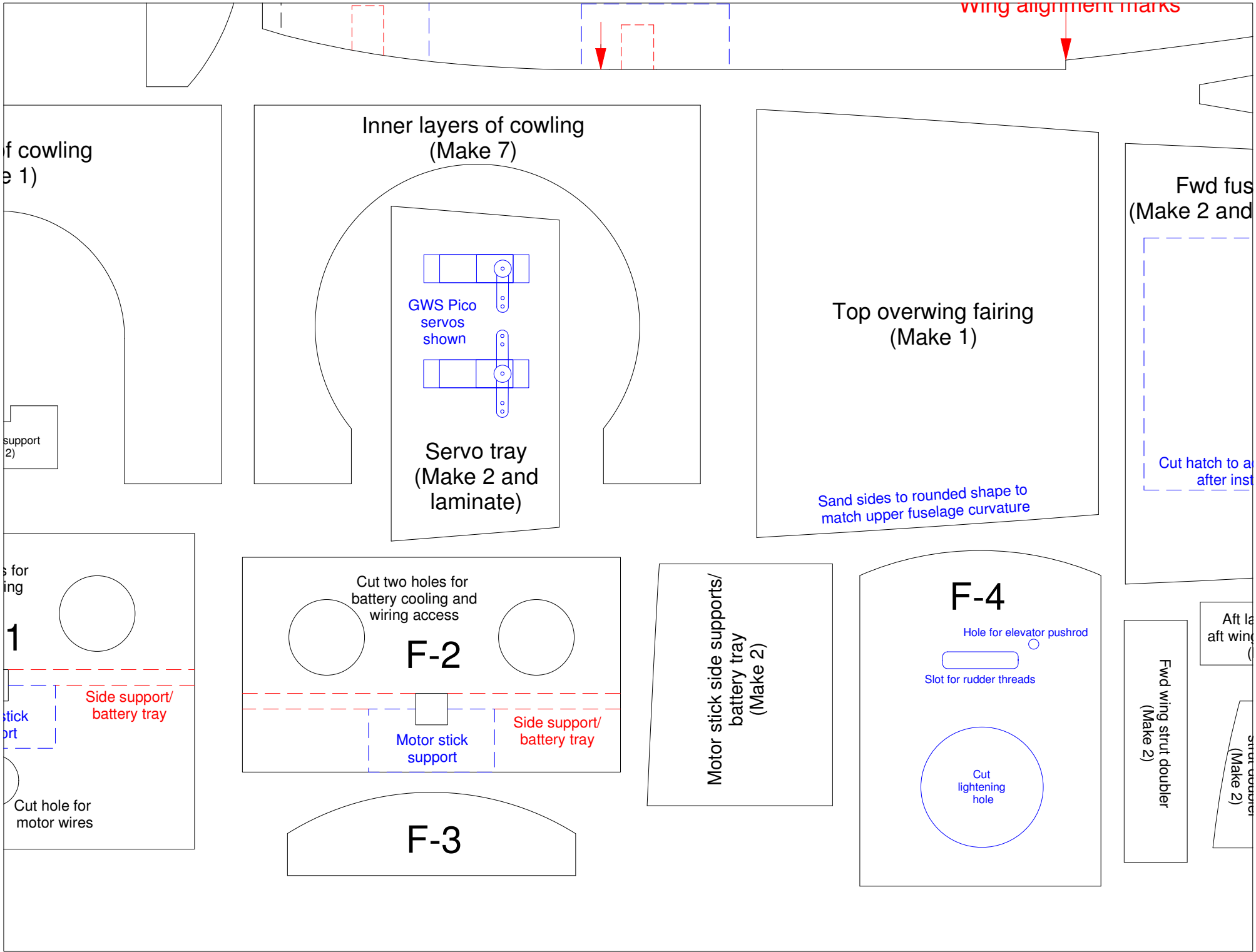
Landing gear wing  
(Make 2, laminate,  
and sand to airfoil shape)

2nd layer of  
(Make

Motor stick s  
(Make

Cut two holes  
battery cool

Motor s  
supp



f cowling  
e 1)

support  
(2)

s for  
ing

1

stick  
ort

Cut hole for  
motor wires

Inner layers of cowling  
(Make 7)

GWS Pico  
servos  
shown

Servo tray  
(Make 2 and  
laminate)

Cut two holes for  
battery cooling and  
wiring access

F-2

Motor stick  
support

Side support/  
battery tray

F-3

Top overwing fairing  
(Make 1)

Sand sides to rounded shape to  
match upper fuselage curvature

F-4

Hole for elevator pushrod

Slot for rudder threads

Cut  
lightening  
hole

Fwd fus  
(Make 2 and

Cut hatch to aft  
after inst

Aft la  
aft wing  
(

Fwd wing strut doubler  
(Make 2)

strut doubler  
(Make 2)

wing alignment marks

Aft fuselage bottom  
(Make 1 from 3mm Depron)

e top  
laminate)

Cut cockpit hole  
AFTER installing  
turtledeck top

Turtledeck top  
(Make 1 from 3mm Depron)

Turtledeck/  
stabilizer  
trim piece  
(Make 1 from  
3mm Depron)

ccess battery  
allation

anding gear/  
g strut doubler  
(Make 4)

Fwd landing gear  
strut doubler

Wheels used on  
prototype (for 3.0" O.D.  
O-rings) (Make 2)

2.75" dia.

Wheel hubs  
(Make 2 each  
from 1/32" ply)

Inboard

Outboard

3/4" dia.

9/16" dia.

Drill all wheel hubs for  
1/8" dia. carbon tube axle

Wheel axle stop  
(Make 2 from  
1/8" lite-ply)

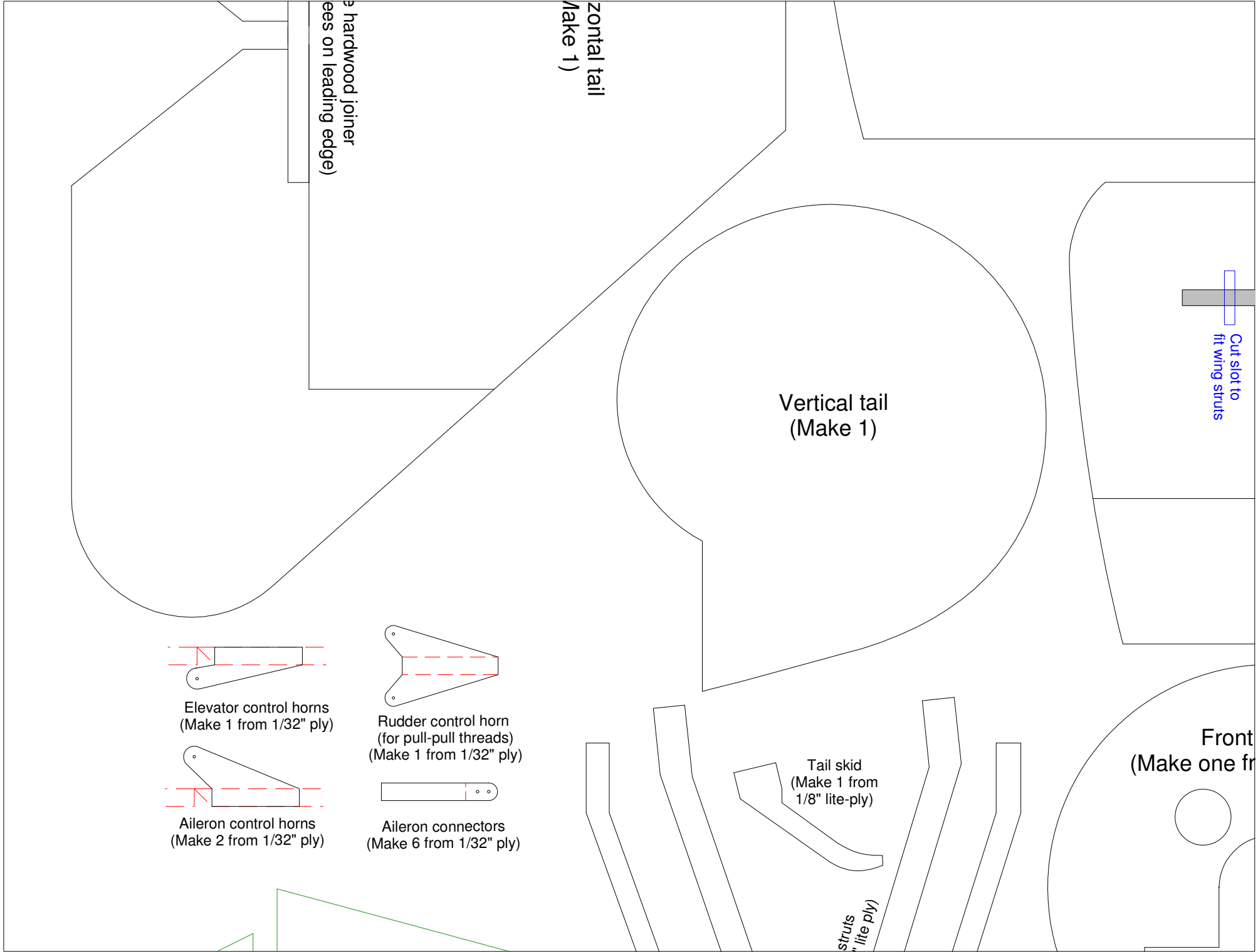


9/16" dia.

Optional scale wheels  
(for 3.5" O.D. O-rings)  
(Make 2)

3.25" dia.

Fwd fuselage bottom  
(Make 1)



Cut slot to  
fit wing struts

Vertical tail  
(Make 1)

Horizontal tail  
(Make 1)

Use hardwood joiner  
pieces on leading edge)

Front  
(Make one from  
1/8" lite-ply)

Tail skid  
(Make 1 from  
1/8" lite-ply)

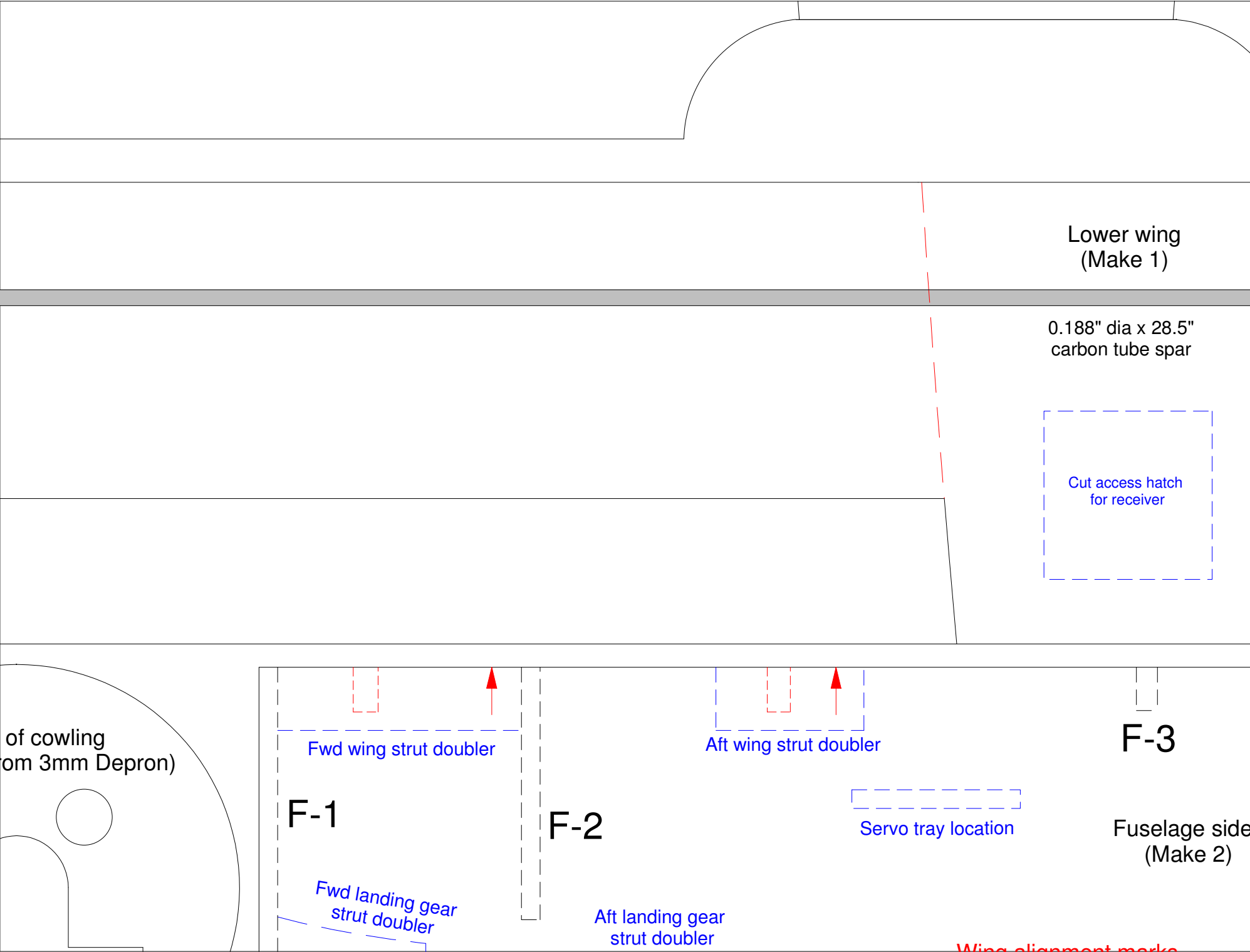
Wing  
struts  
(Make 6 from  
1/8" lite-ply)

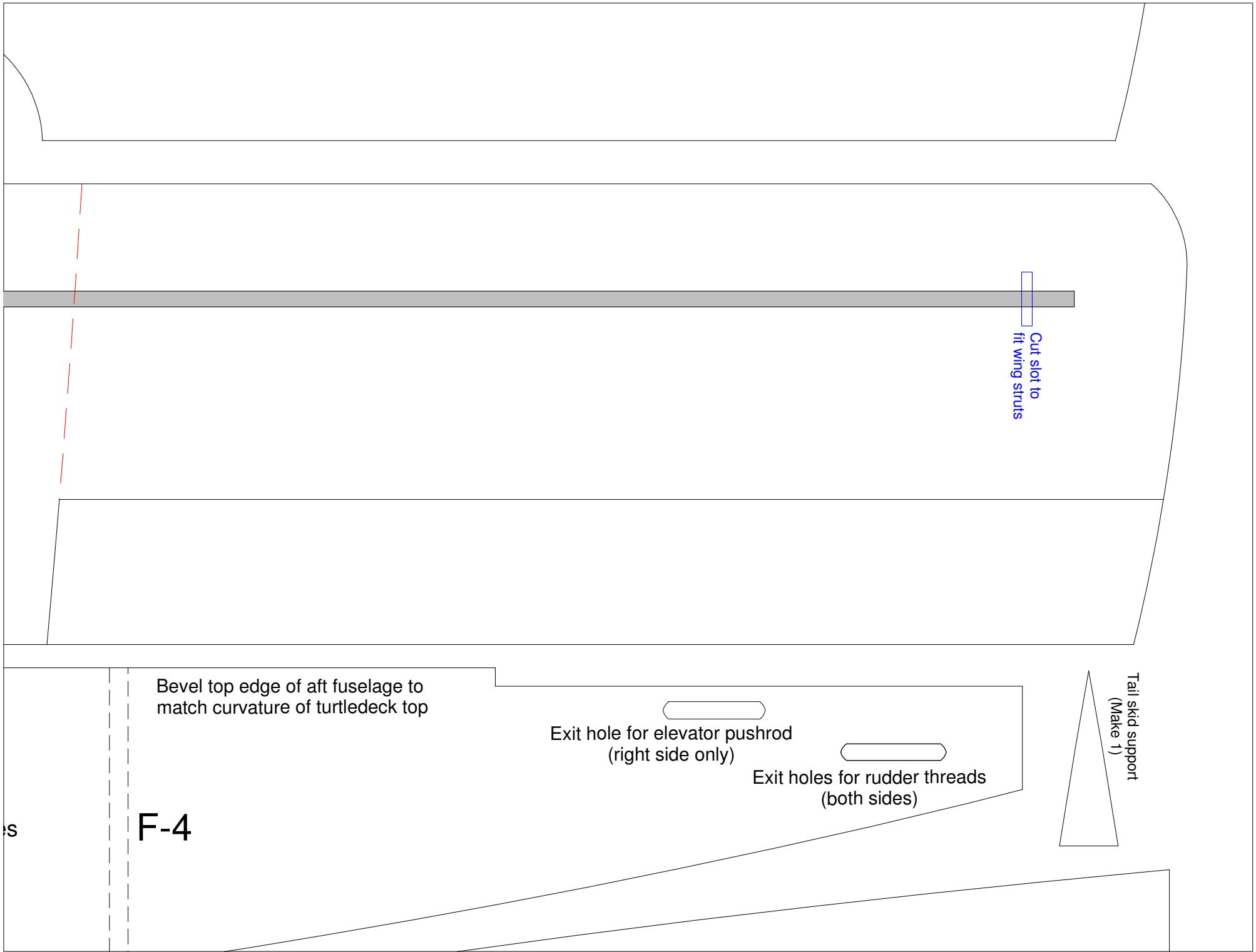
Rudder control horn  
(for pull-pull threads)  
(Make 1 from 1/32" ply)

Aileron connectors  
(Make 6 from 1/32" ply)

Elevator control horns  
(Make 1 from 1/32" ply)

Aileron control horns  
(Make 2 from 1/32" ply)





Bevel top edge of aft fuselage to match curvature of turtledeck top

Exit hole for elevator pushrod (right side only)

Exit holes for rudder threads (both sides)

Tail skid support (Make 1)

F-4

# Fokker DR1 Parkflyer

**Designed by Steve Shumate**  
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**All parts are made from 6 mm Depron or BlueCore foam unless otherwise specified**

*If you enjoy these plans, please consider sending a small contribution to the designer to show your appreciation for the work that went into them. Suggested contribution is \$5 to \$10 U.S., and can be sent via PayPal to [jetset44@verizon.net](mailto:jetset44@verizon.net). Thanks for your support!*

Cut slot to  
fit wing struts

Cut slot to  
fit wing struts

1/4" square  
(bevel 45 degree)

Horizontal

Upper wing  
(Make 1)

0.188" dia x 31.5"  
carbon tube spar

***Plans Scaled 70%***

Main wing struts  
(Make 2 from 1/8" lite-ply)

0.7"

Middle wing  
(Make 1)



0.157" dia x 27.2"  
carbon tube spar





This diagram shows a symmetrical wing template. A horizontal grey bar represents a slot cut through the center. A small rectangular slot is cut into this bar. The text 'Cut slot to fit wing struts' is written vertically next to the slot. The wing outline has a rounded leading edge and a straight trailing edge.

Cut slot to  
fit wing struts



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