

p1, row1, col1

35

34

33

32

31

30

29

28

27

26

25

Fwd

Motor Battery Tray

F1

F1

Inst

p1, row1, col2

Fuselage Bottom

Install 0.38" foam here

Left Fuselage Side

F2

Install battery tray as shown

Install 0.38" foam here

Install 0.38" foam strips here

Install battery tray as shown

p1, row1, col3

Aft Fuselage Bottom

81

Canopy
for refe

Polaris

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

outline
ence

p1, row2, col1

24

23

22

21

20

19

18

17

16

15

14

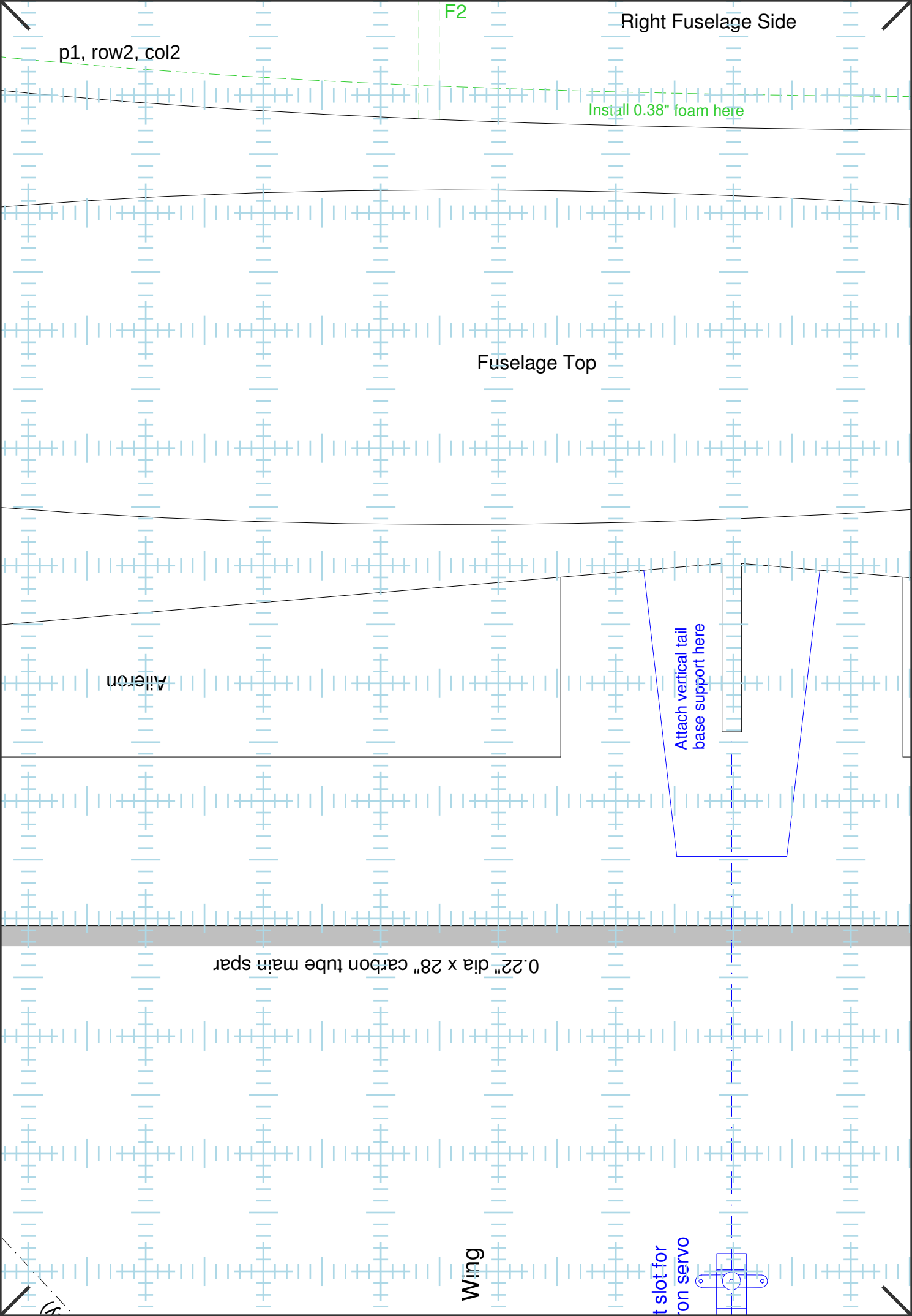
F2

F3

F1

3/8" strip on aft side

doublier
was used)



p1, row2, col2

F2

Right Fuselage Side

Install 0.38" foam here

Fuselage Top

Aileron

Attach vertical tail
base support here

0.22" dia x 28" carbon tube main spar

Wing

Slot for
servo

p1, row2, col3

F3

Scale in inches

4

2

Sand to beveled edge

Alleron

Technical drawing of a sand casting mold pattern for a sand beveled edge. The drawing shows a cross-section of the mold with a sand beveled edge and a sand beveled edge. The mold is labeled "Aileron" and "F3". A scale bar indicates 2 inches. The drawing is on a grid with a 1/4 inch grid.

p1, row2, col3

F3

Sand to beveled edge

Scale in inches

2

4

p1, row2, col3

F3

Aileron

Sand to beveled edge

Scale in inches

2

4

p1, row2, col3

F3

Sand to beveled edge

Scale in inches

2

4

p1, row2, col3

F3

Scale in inches

4

2

Sand to beveled edge

Alleron

p1, row2, col3

F3

Scale in inches

4

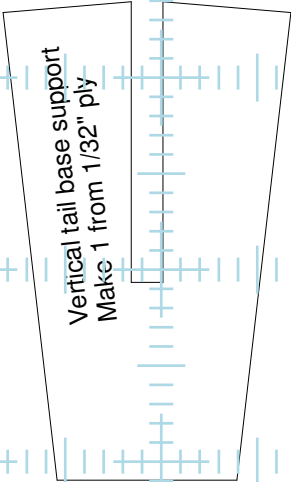
2

Sand to beveled edge

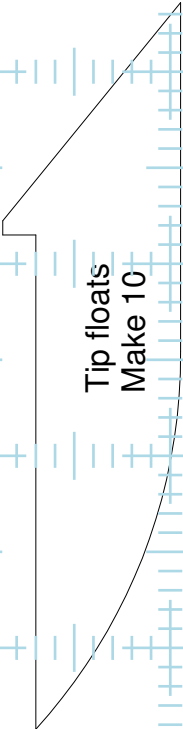
Alleron

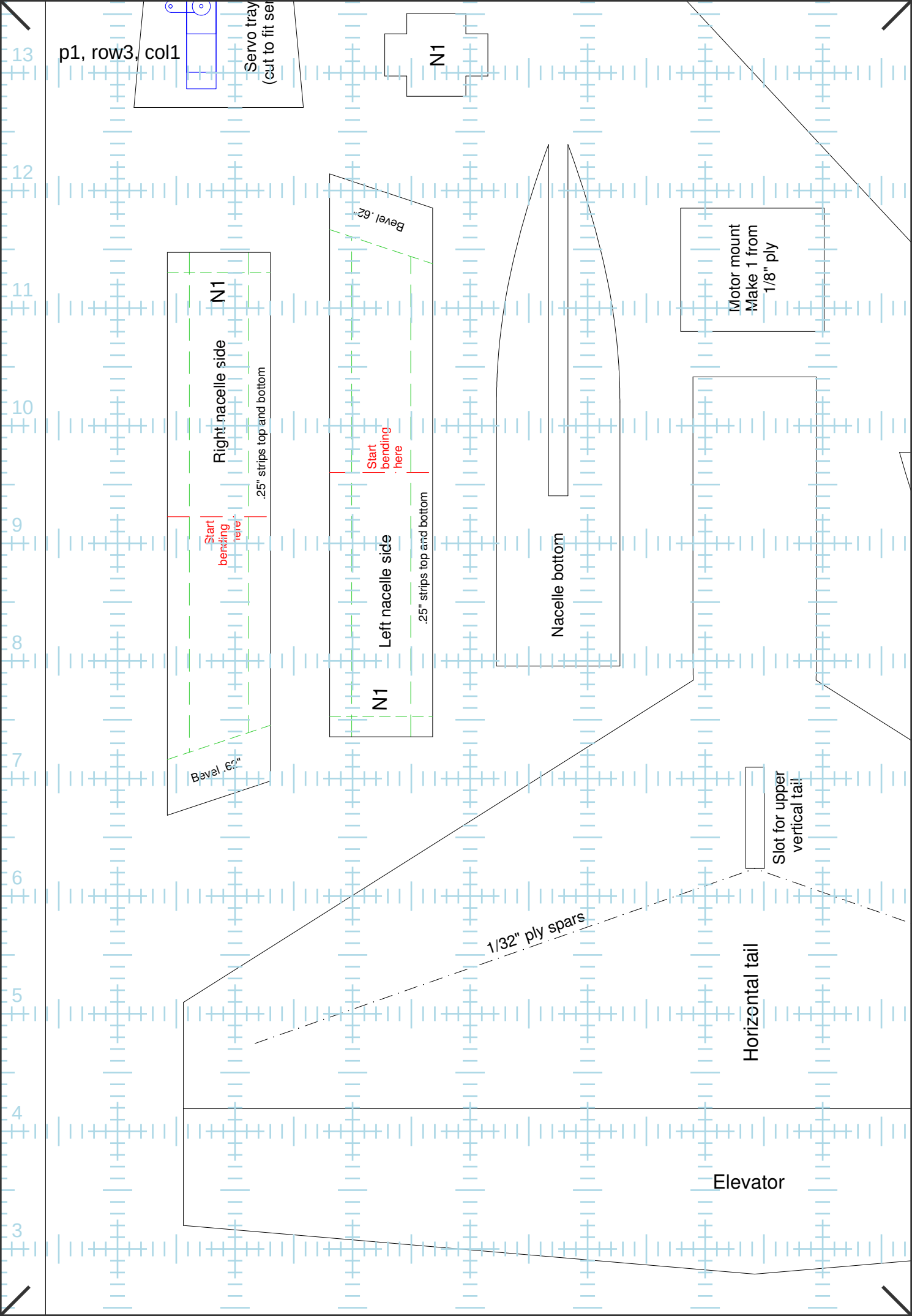
p1, row2, col4

Control Horn
Make 2 from 1/32" ply



Tip floats
Make 10

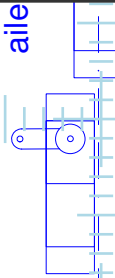




Nosecone Make 9

Nosecone top template

Cut slot for
rudder servo



p1, row3, col3

2

0

Vertical tail
center piece/base

Cut slo
elevato

This slot fits in-between
the fuselage sides at
the aft end

Vertical tail base
side piece

Sand to beveled edge

Vert
s

p1, row3, col4

Vertical tail
upper piece

to fit
servo

Rudder

Vertical tail base
side piece

Sand to beveled edge

p1, row4, col1									
2									
1									
0	1	2	3	4	5	6	7		

p1, row4, col2

8

9

10

11

12

13

14

15

p1, row4, col3

16

17

18

19

20

21

22

23

p1, row4, col4

24

25

26