



Model : 44/2023



HC-130H Hercules

3000mm

Specs :

1. Wingspan 3000 mm / 118 inches
2. Flying weight : 4800 grams/ 169.3 oz
3. Wing loading : 47.8 gram/dm² - 15.7 oz/sq.ft.
4. Wing cube loading : 4.8
5. Wing Area : 100.43 dm² / 1557 sq.in.
6. CG : 11.5 cm / 4.5 inch from leading edge

Electronics for test

- 4x DXW 3536 1200kv
- 2x 80A ESC Hobbywing Skywalker
- 2x 50A ESC Aerostar
- 2x Battery Lipo 3S 2200mah
- 5 x 9 gram servos (metal micro servo)
- 1 x standard servo (steering)

Prop :

- 10x6x4 inch props
- 58mm 3D printed spinners

Transmitter

- Jumper T16 + BetaFPV Express LRS TX module
- 5 ch BetaFPV Express LRS RX

Materials :

1. 5mm Foamboard/ Depron/ Polyfoam
2. 2mm Plywood
3. hot glue, UHU glue, CA glue
4. wax paper
5. PLA Filament

Build Instructions :

1. paper-replika.com
2. youtube channel : Julius Perdana

F1

FUSELAGE
POLYFOAM/
DEPRON 5MM

JOIN HERE

JOIN HERE

JOIN HERE

F1

JOIN HERE

JOIN HERE

JOIN HER

F1

JOIN HERE

JOIN HERE

JOIN HERE



F1

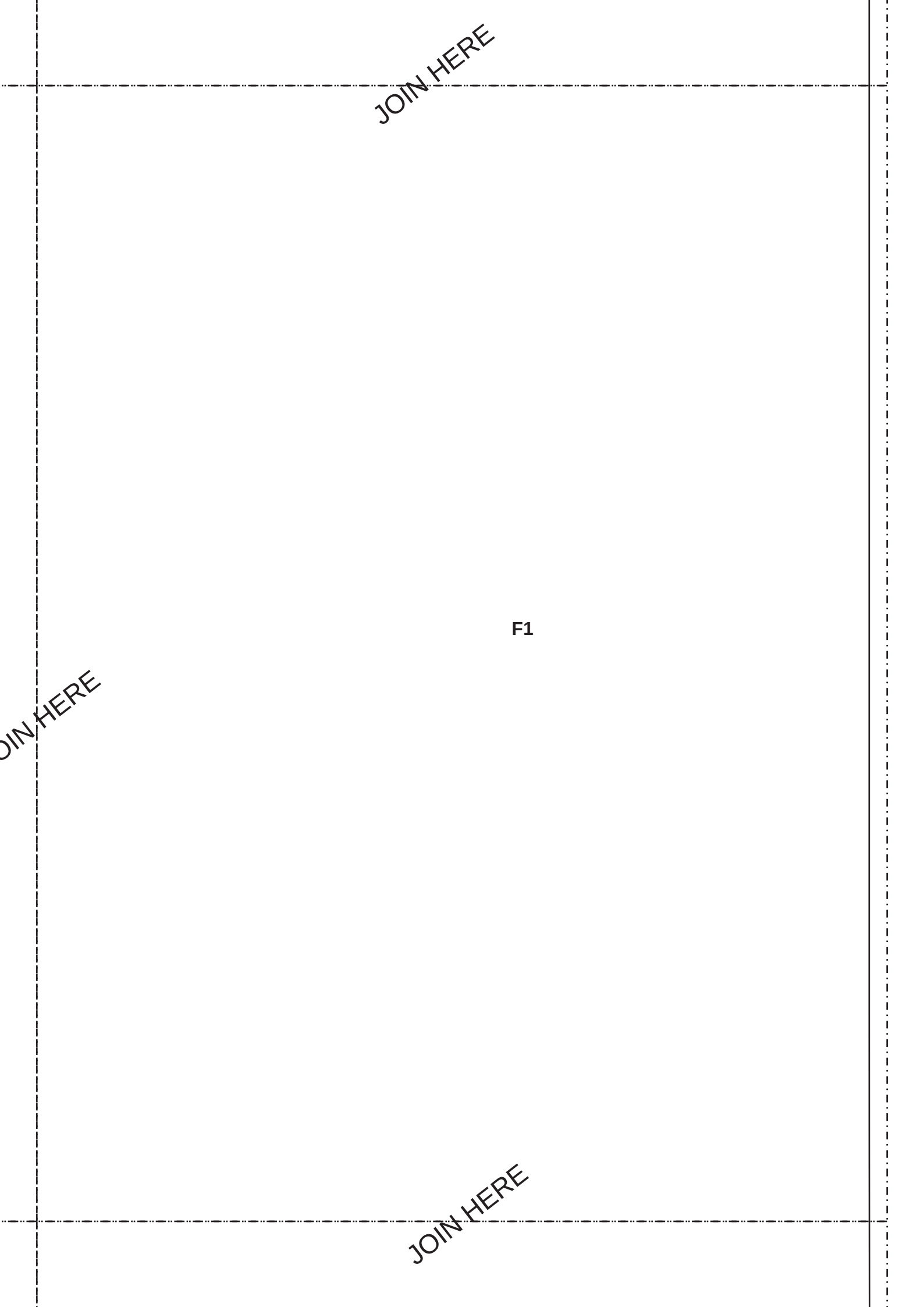
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F1

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F1

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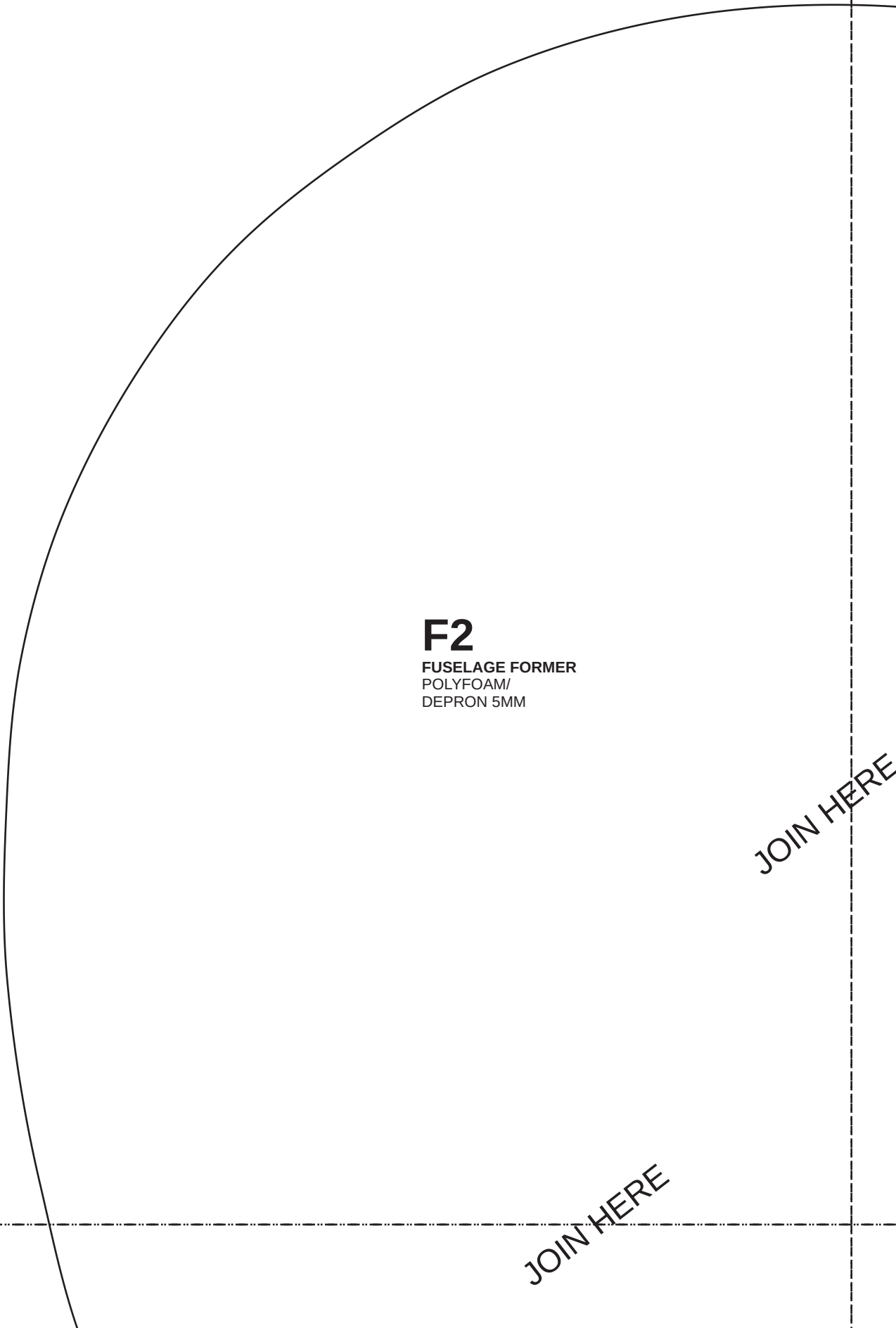
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F1

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F1

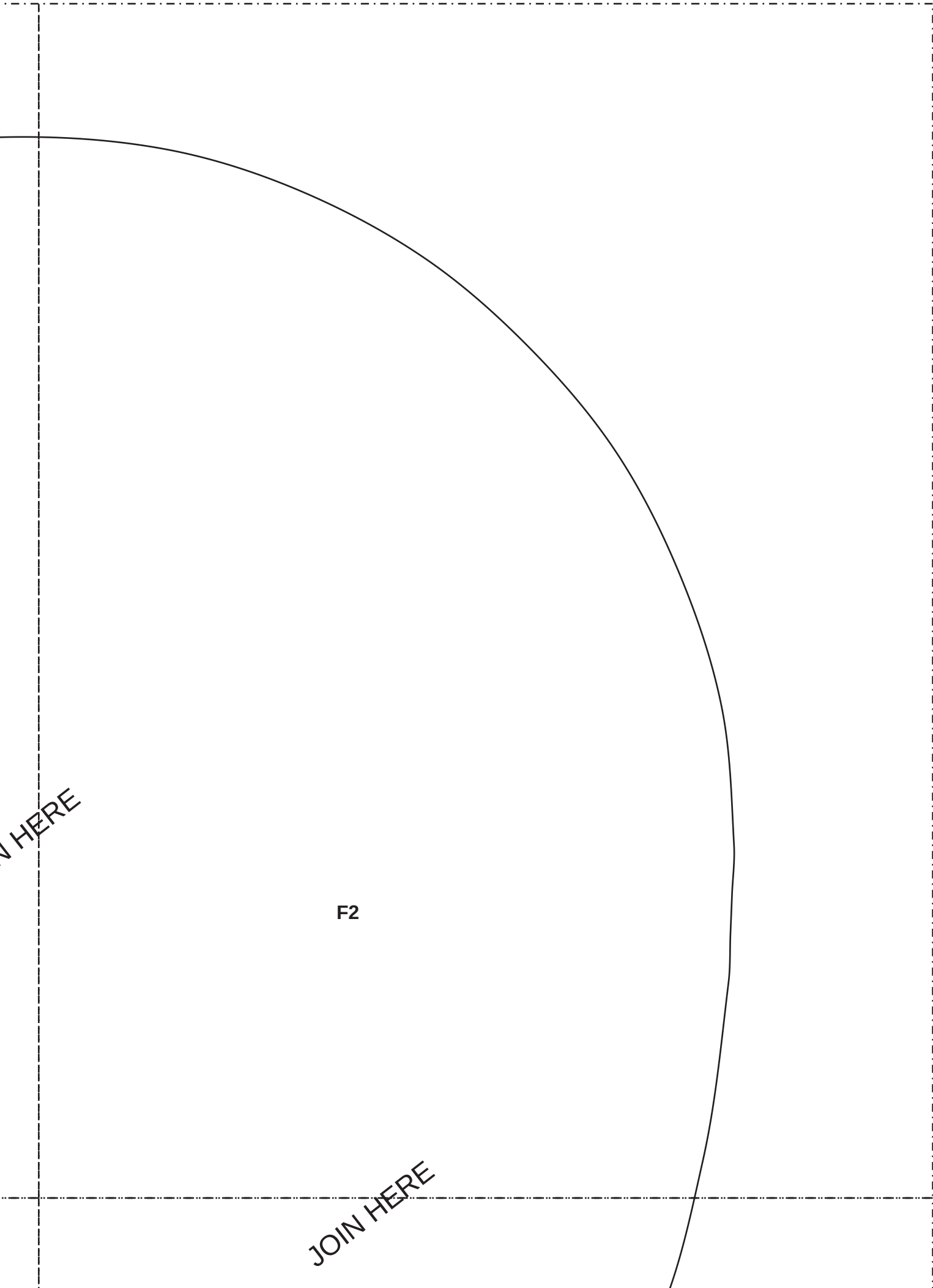


F2

FUSELAGE FORMER
POLYFOAM/
DEPRON 5MM

JOIN HERE

JOIN HERE



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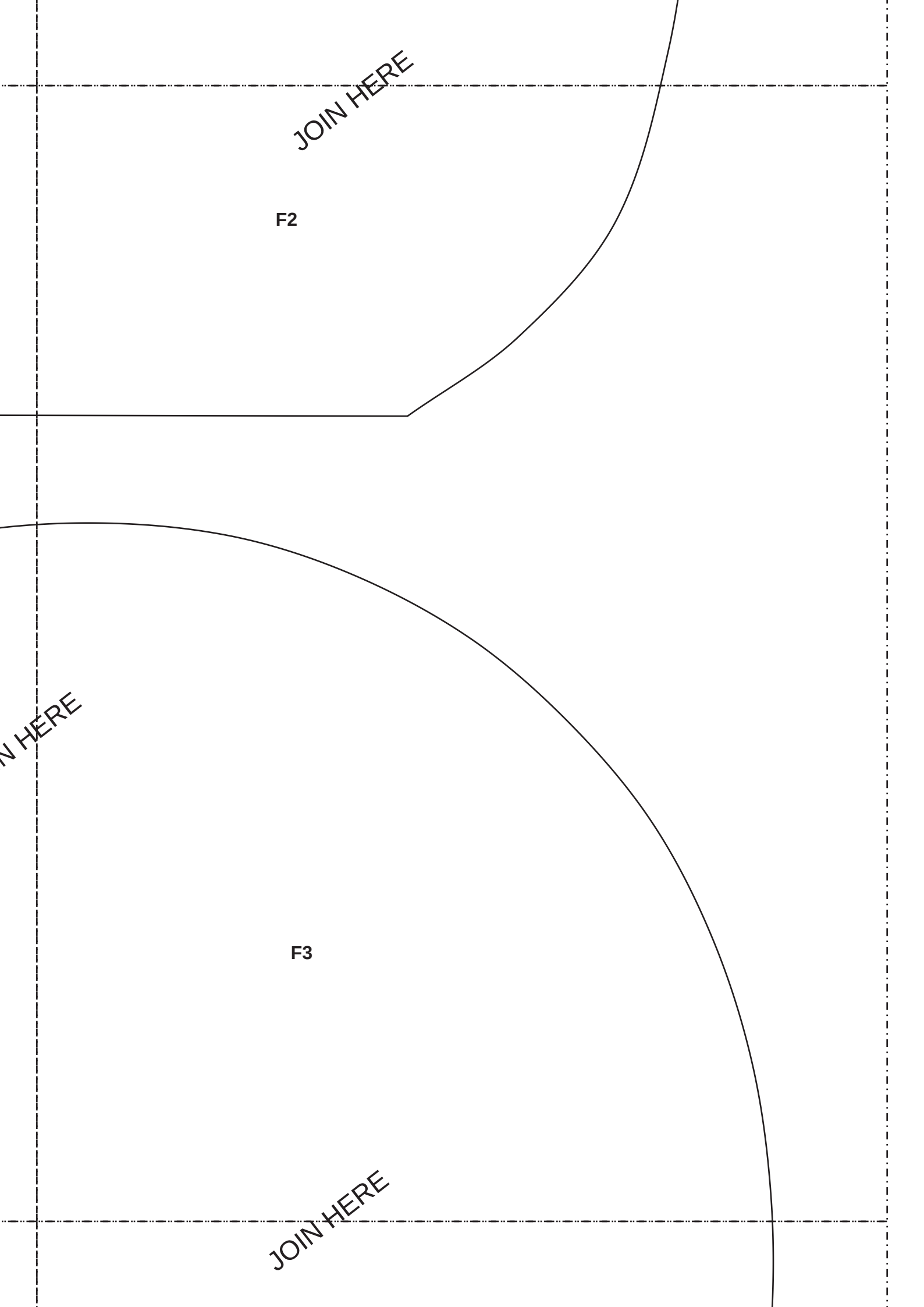
F2

JOIN HERE

F3

FUSELAGE FORMER
POLYFOAM/
DEPRON 5MM

JOIN HERE



JOIN HERE

F2

JOIN HERE

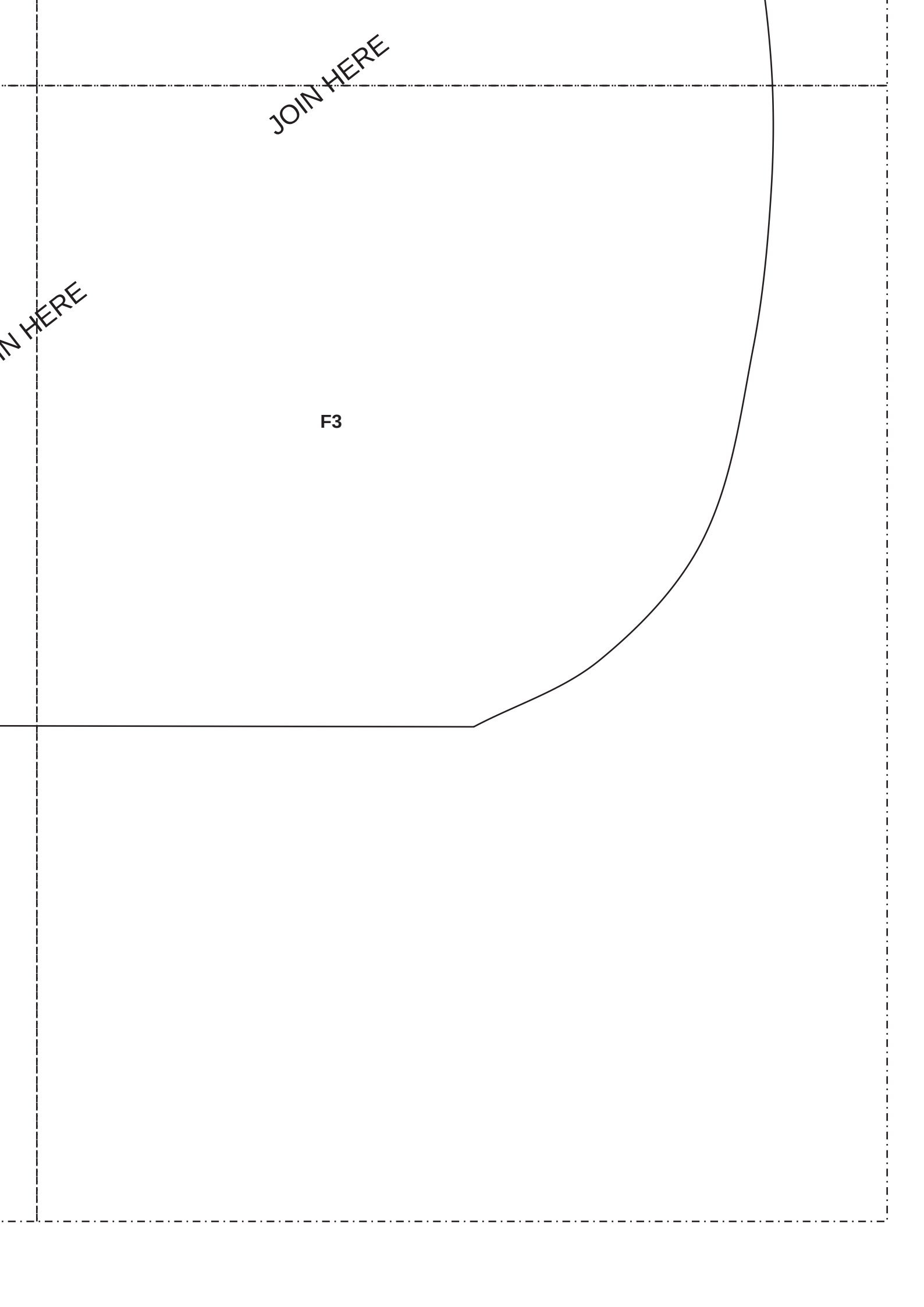
F3

JOIN HERE

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F3



JOIN HERE

JOIN HERE

F3

F4

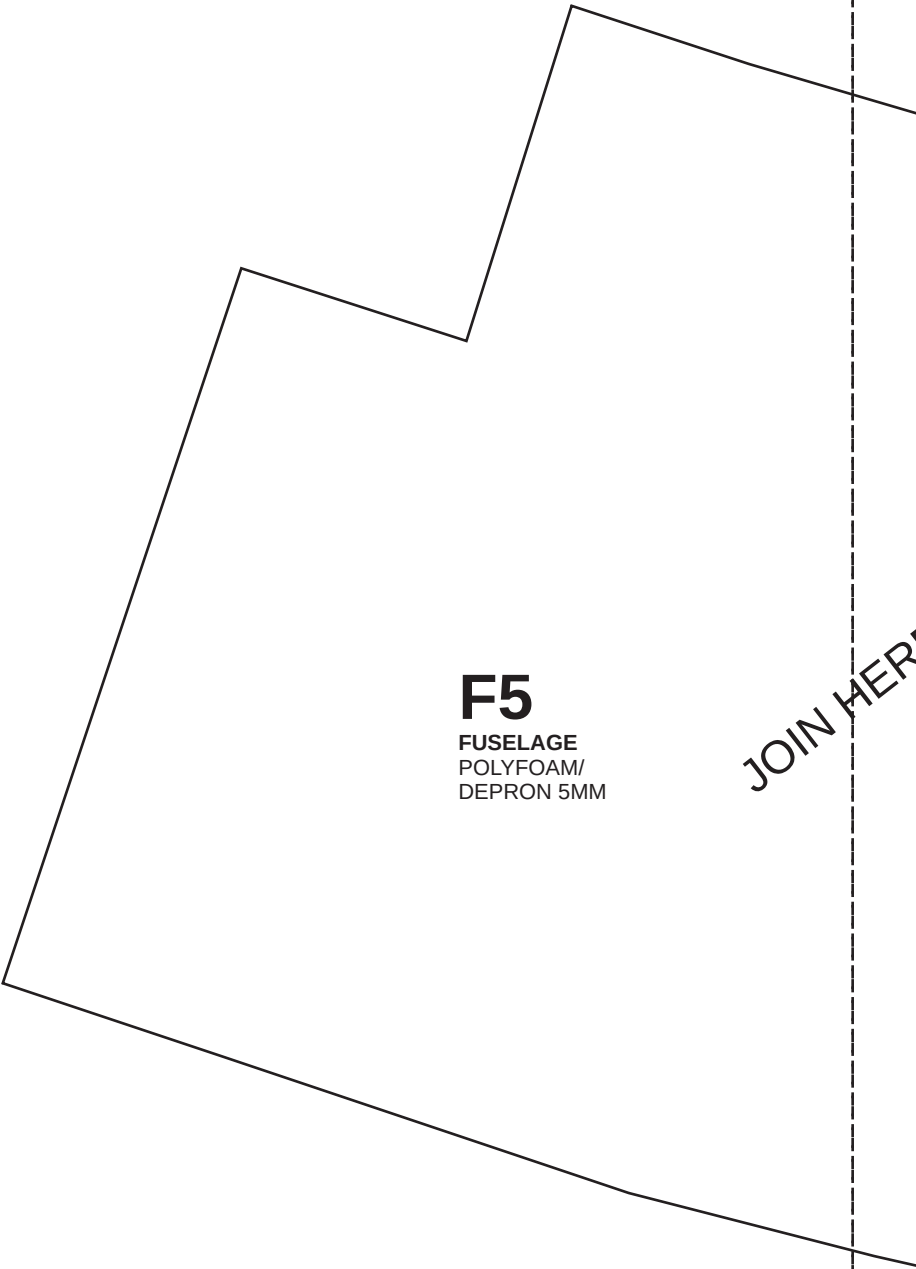
FUSELAGE
POLYFOAM/
DEPRON 5MM

JOIN HERE

JOIN HERE

F4





F5

FUSELAGE
POLYFOAM/
DEPRON 5MM

JOIN HERE

JOIN HERE

F5

JOIN HERE

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F5

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F5

JOIN HERE

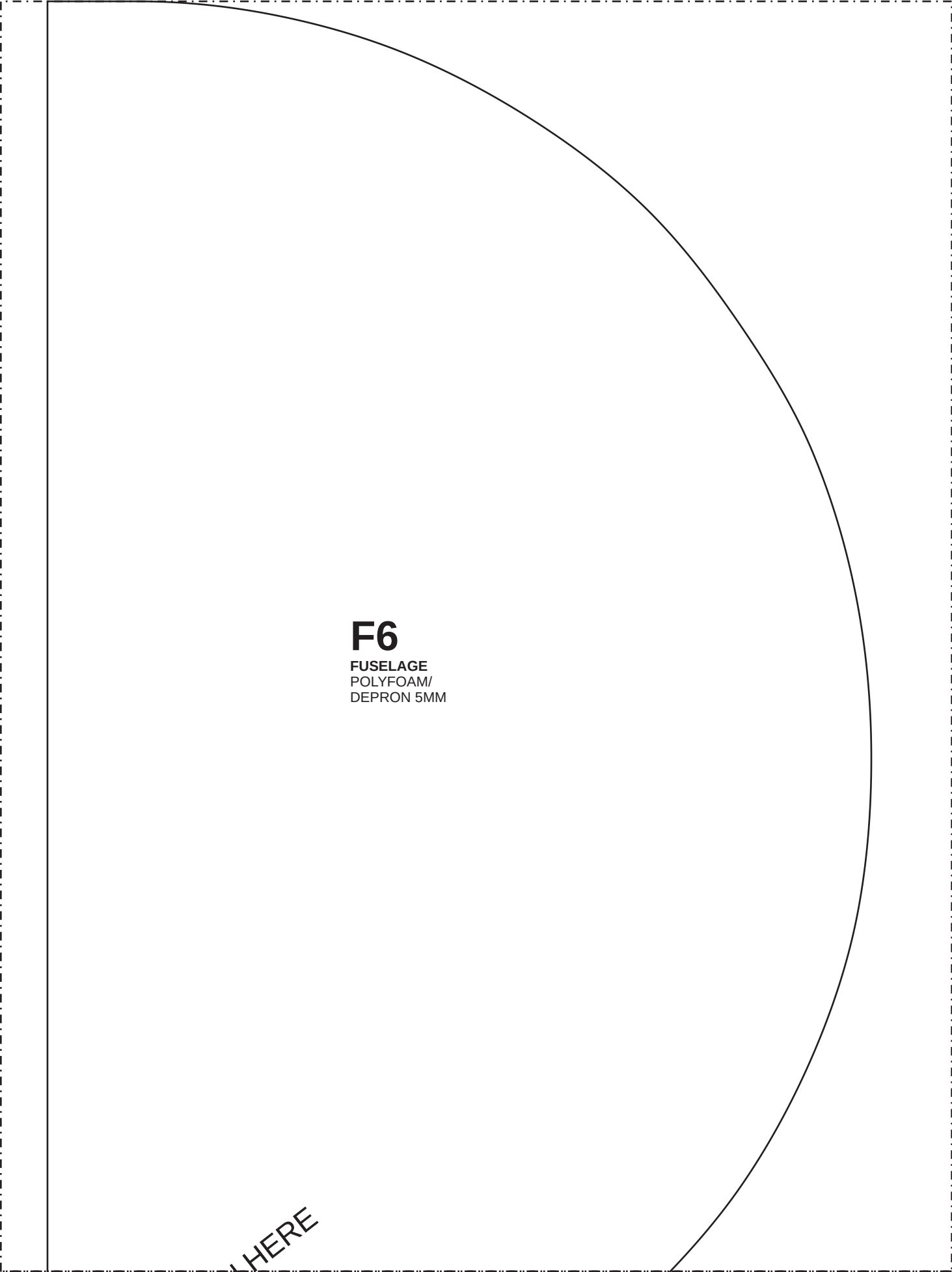
JOIN HERE

F5

JOIN HERE

JOIN HERE

F5



F6

FUSELAGE
POLYFOAM/
DEPRON 5MM

JOIN HERE

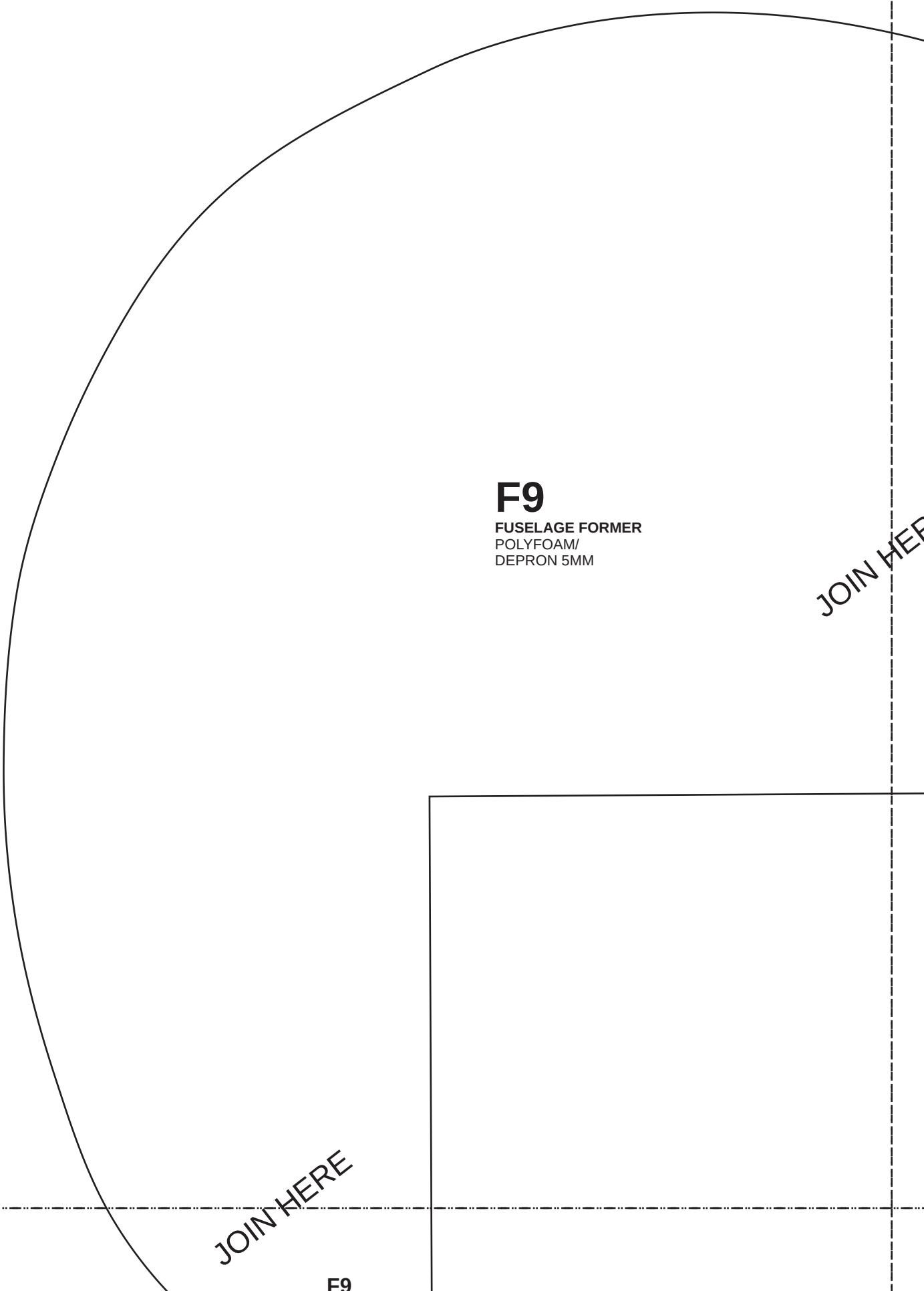
JOIN HERE

F7

FUSELAGE
POLYFOAM/
DEPRON 5MM
10X

F8

FUSELAGE
POLYFOAM/
DEPRON 5MM
10X



F9

FUSELAGE FORMER
POLYFOAM/
DEPRON 5MM

JOIN HERE

JOIN HERE

F9

JOIN HERE

F9

JOIN HERE

JOIN HERE

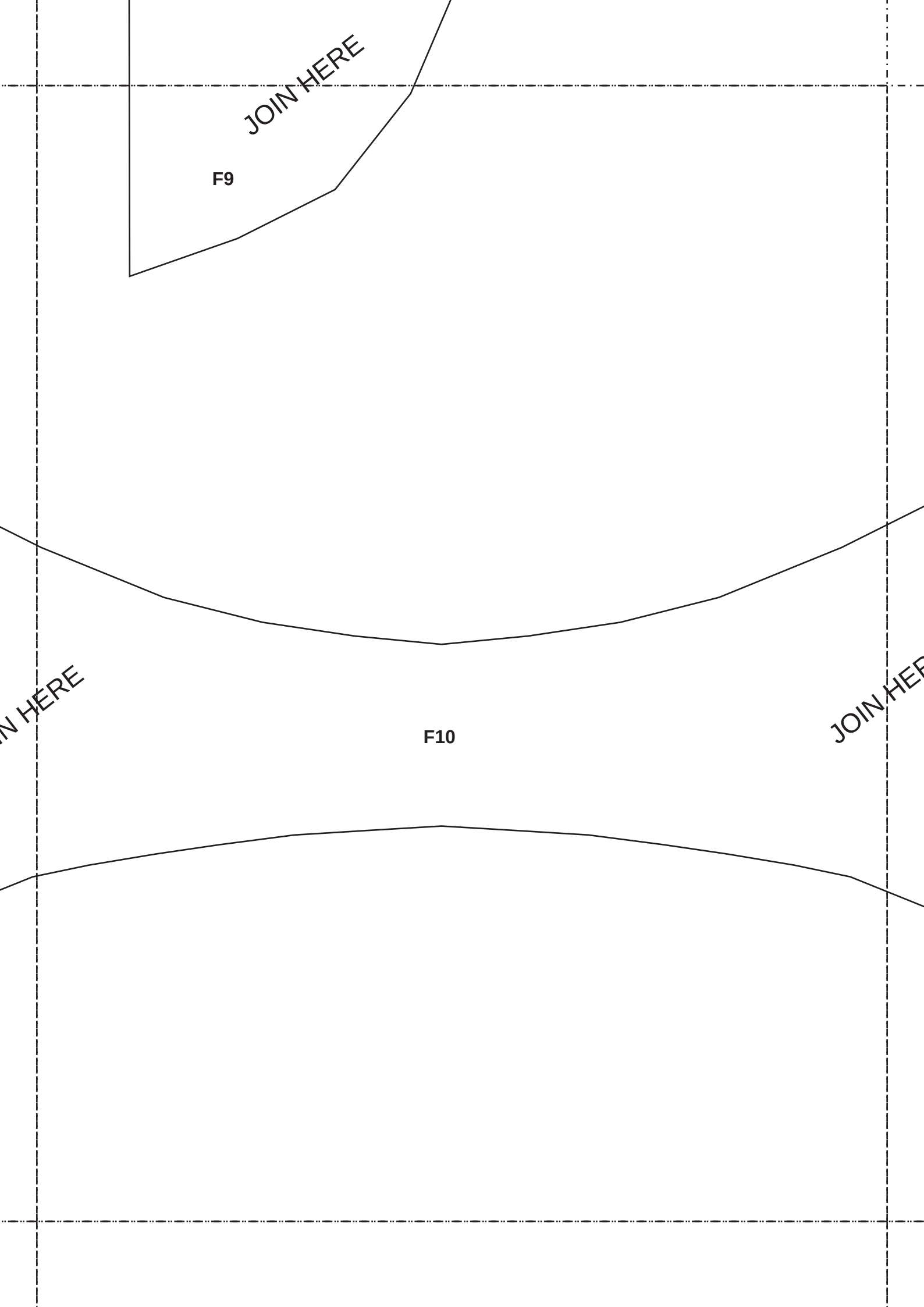
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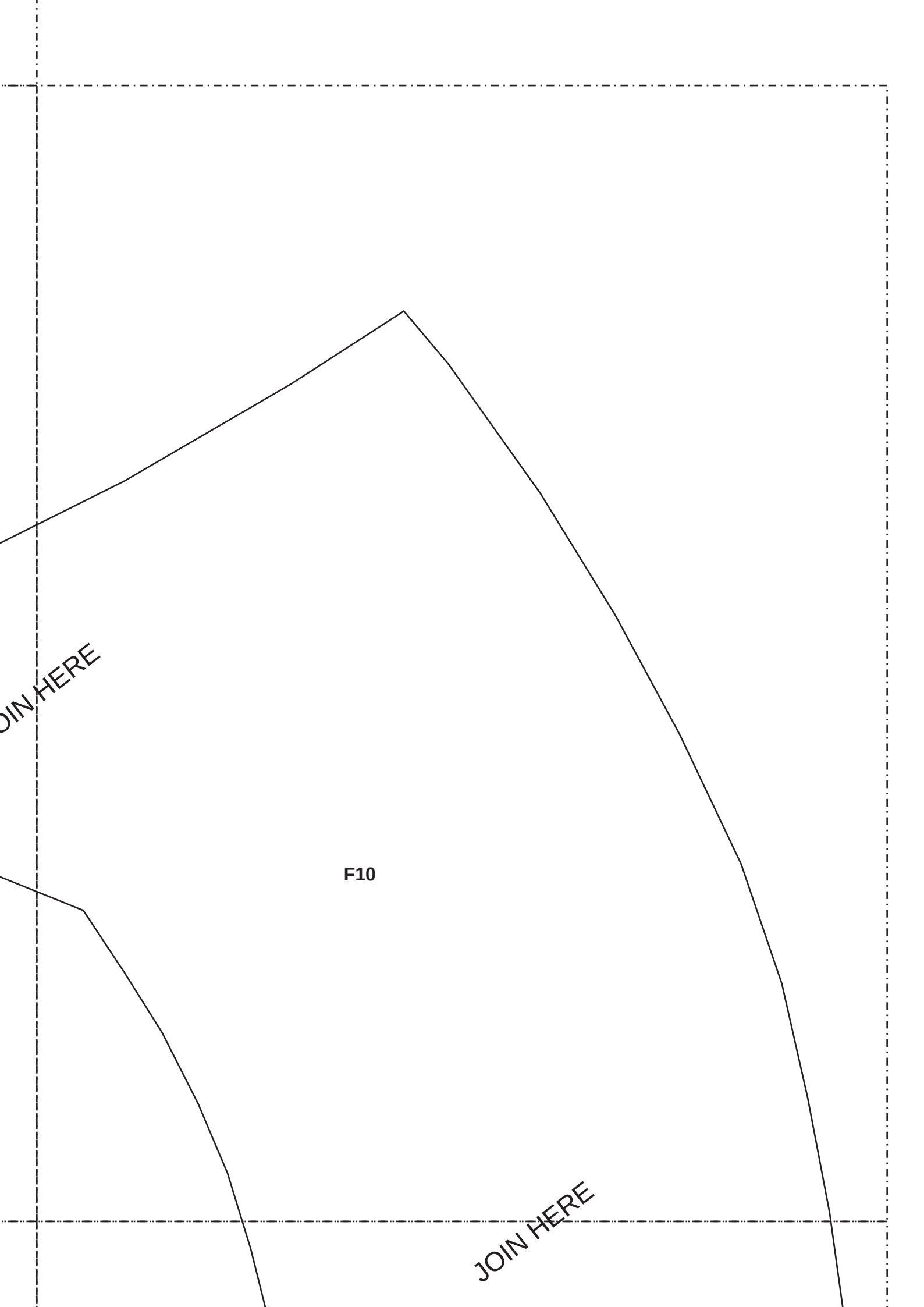
F10

FUSELAGE F
POLYFOAM/
DEPRON 5MM

JOIN HERE

JOIN HERE





JOIN HERE

F10

JOIN HERE

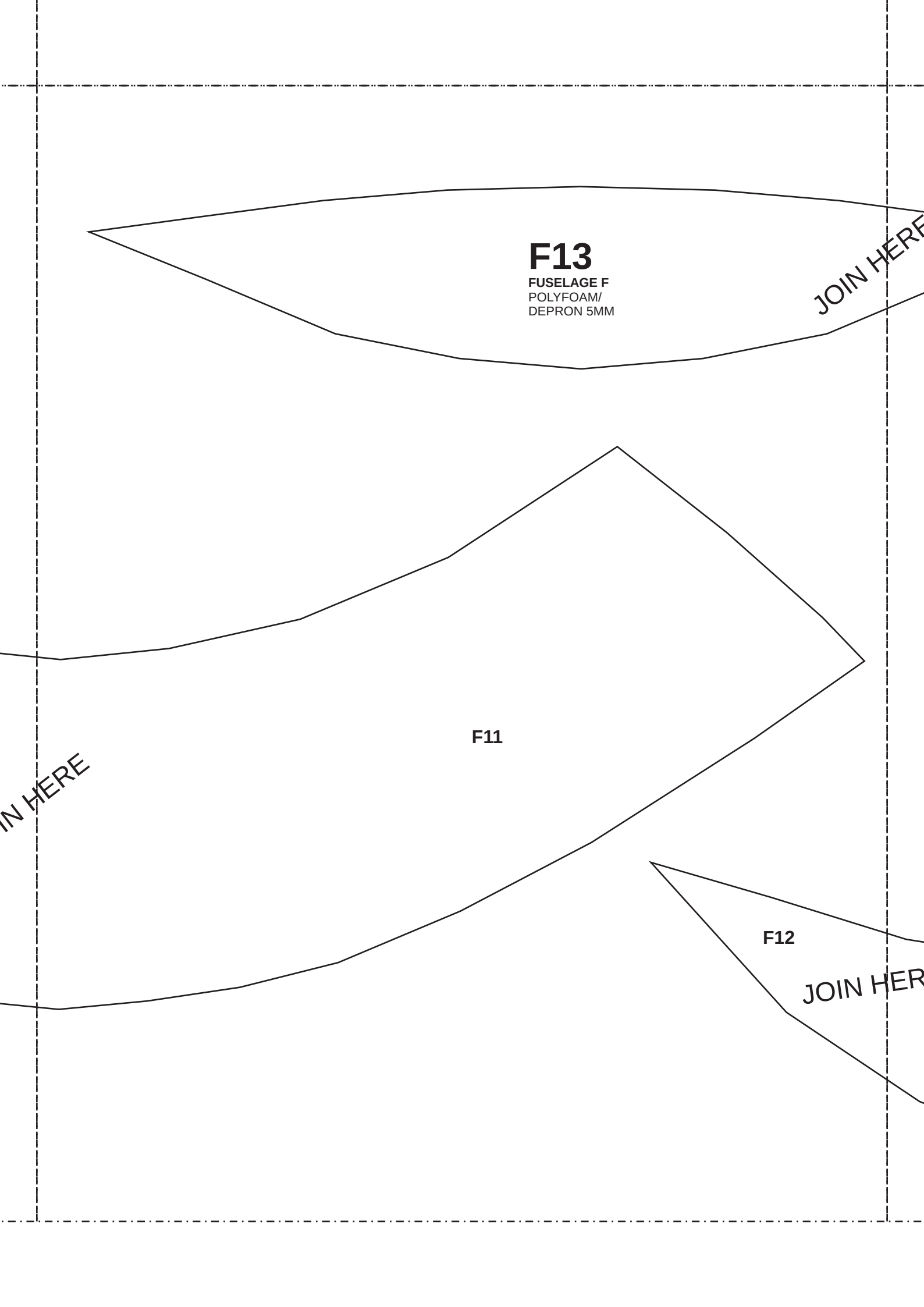
JOIN HERE

F10

F11

FUSELAGE F
POLYFOAM/
DEPRON 5MM

JOIN HERE



F13

FUSELAGE F
POLYFOAM/
DEPRON 5MM

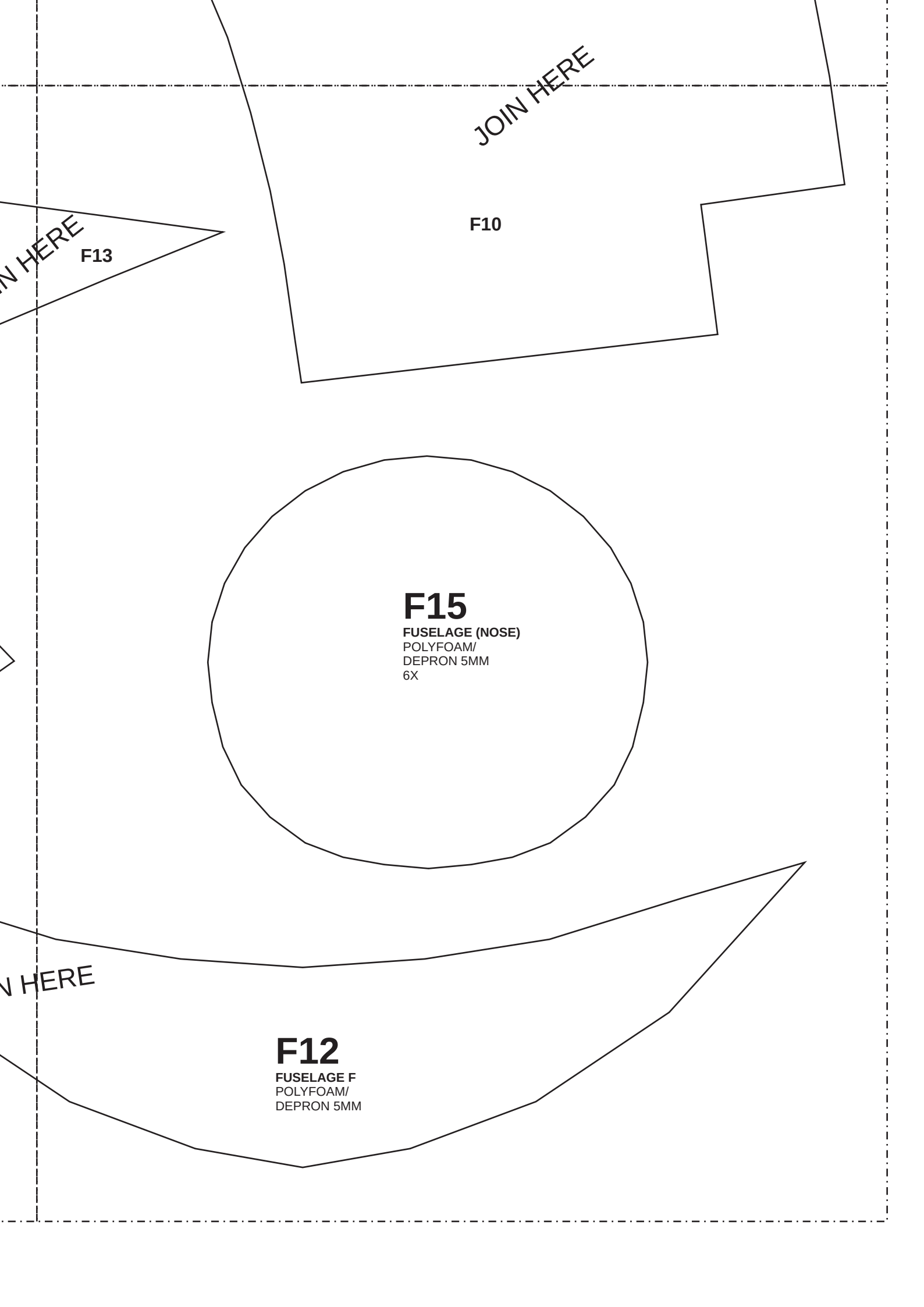
JOIN HERE

F11

JOIN HERE

F12

JOIN HERE



JOIN HERE

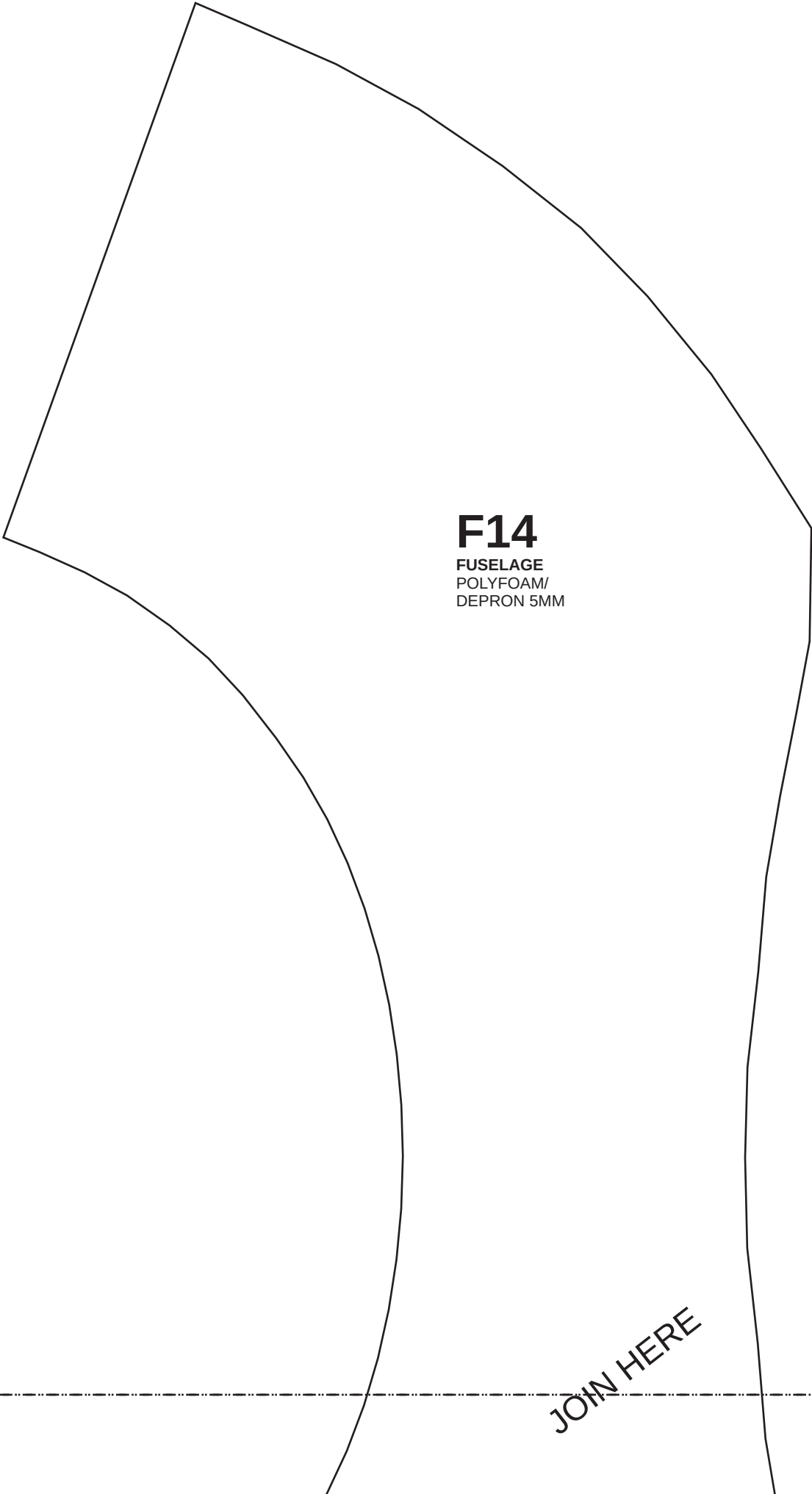
F10

JOIN HERE
F13

F15
FUSELAGE (NOSE)
POLYFOAM/
DEPRON 5MM
6X

JOIN HERE

F12
FUSELAGE F
POLYFOAM/
DEPRON 5MM



F14

FUSELAGE
POLYFOAM/
DEPRON 5MM

JOIN HERE

JOIN HERE

F14

F10A

FUSELAGE
POLYFOAM/
DEPRON 5MM

F16

FUSELAGE
POLYFOAM/
DEPRON 5MM

JOIN HERE

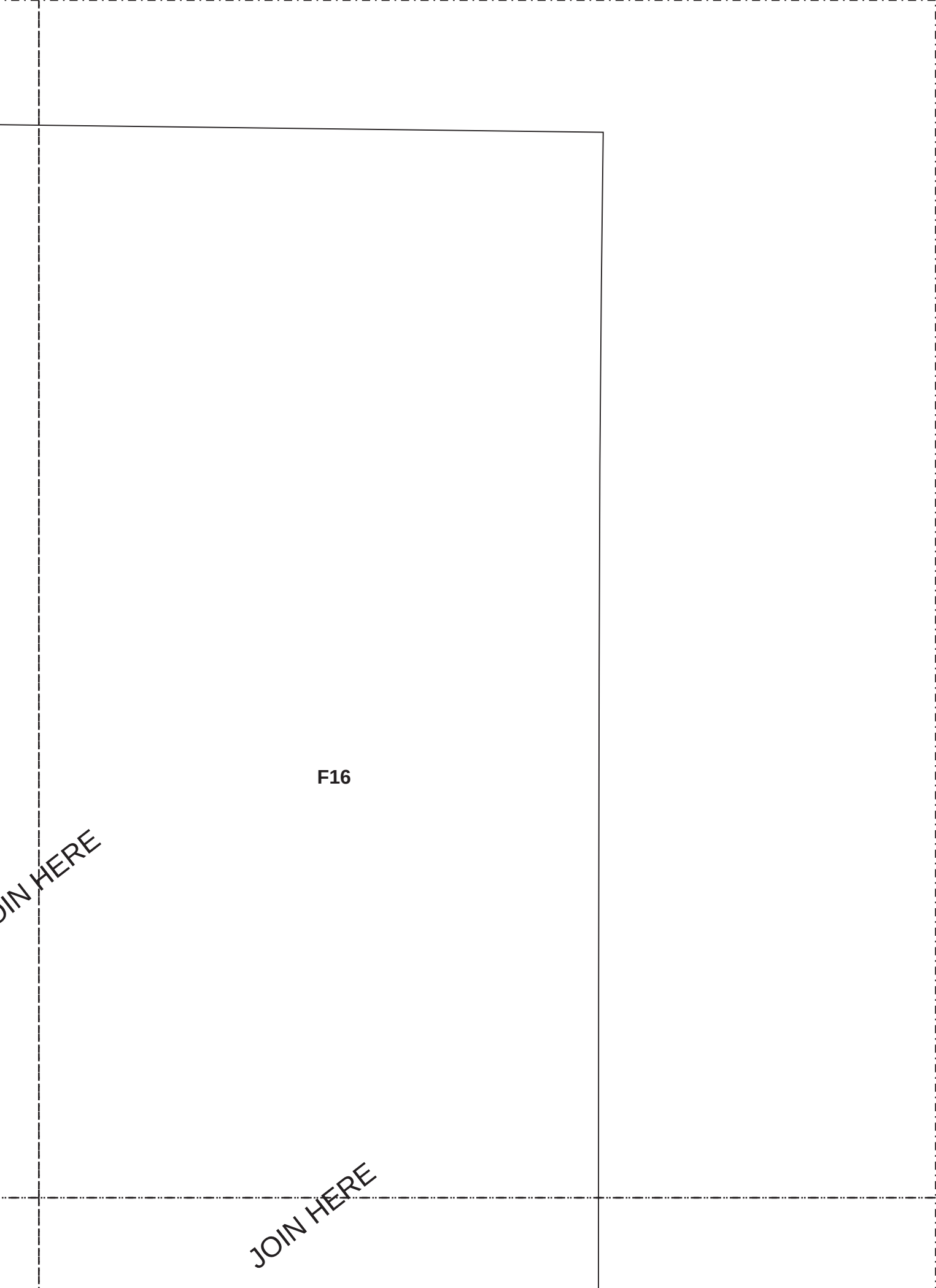
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F16

JOIN HERE



F16

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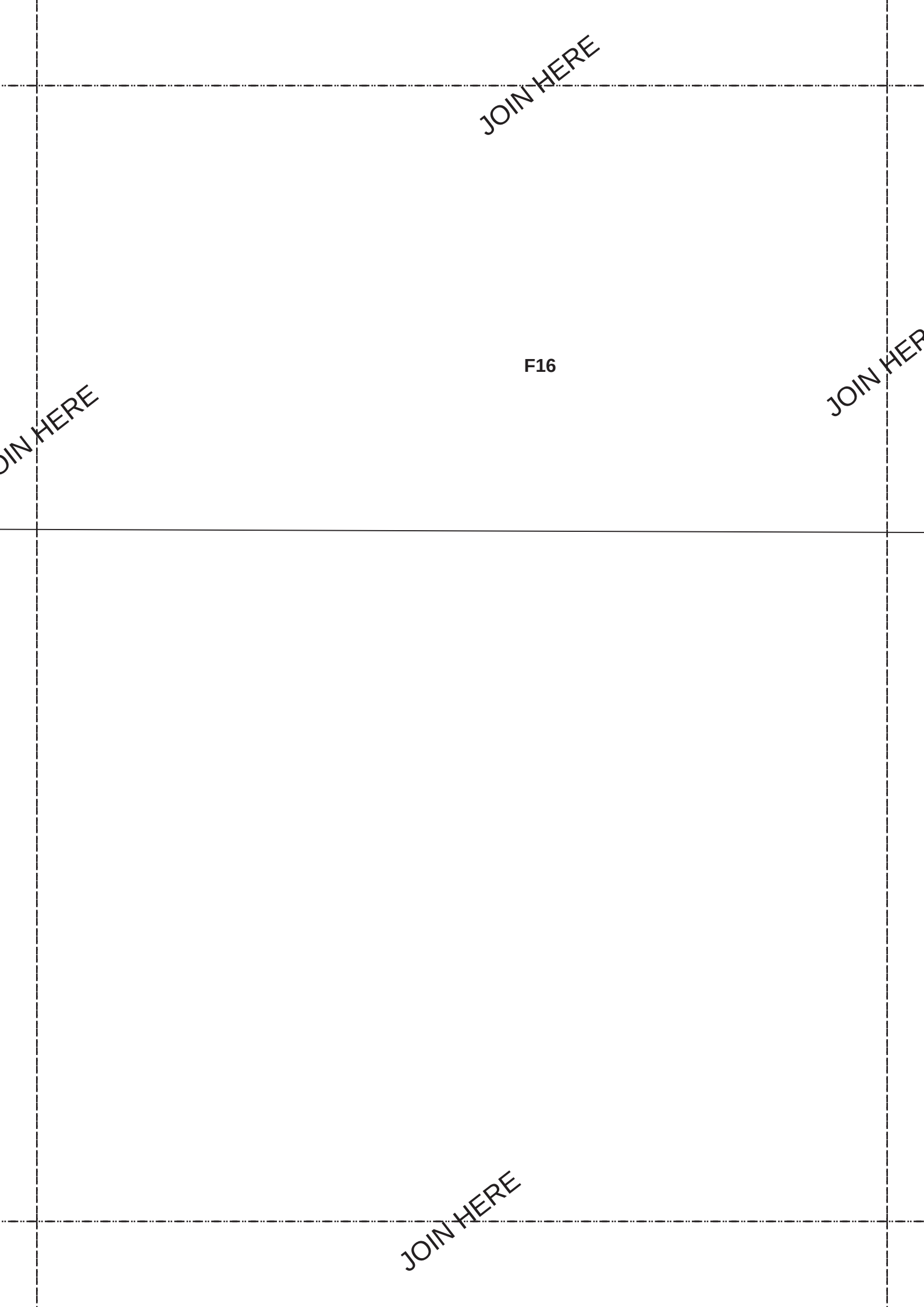
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F16

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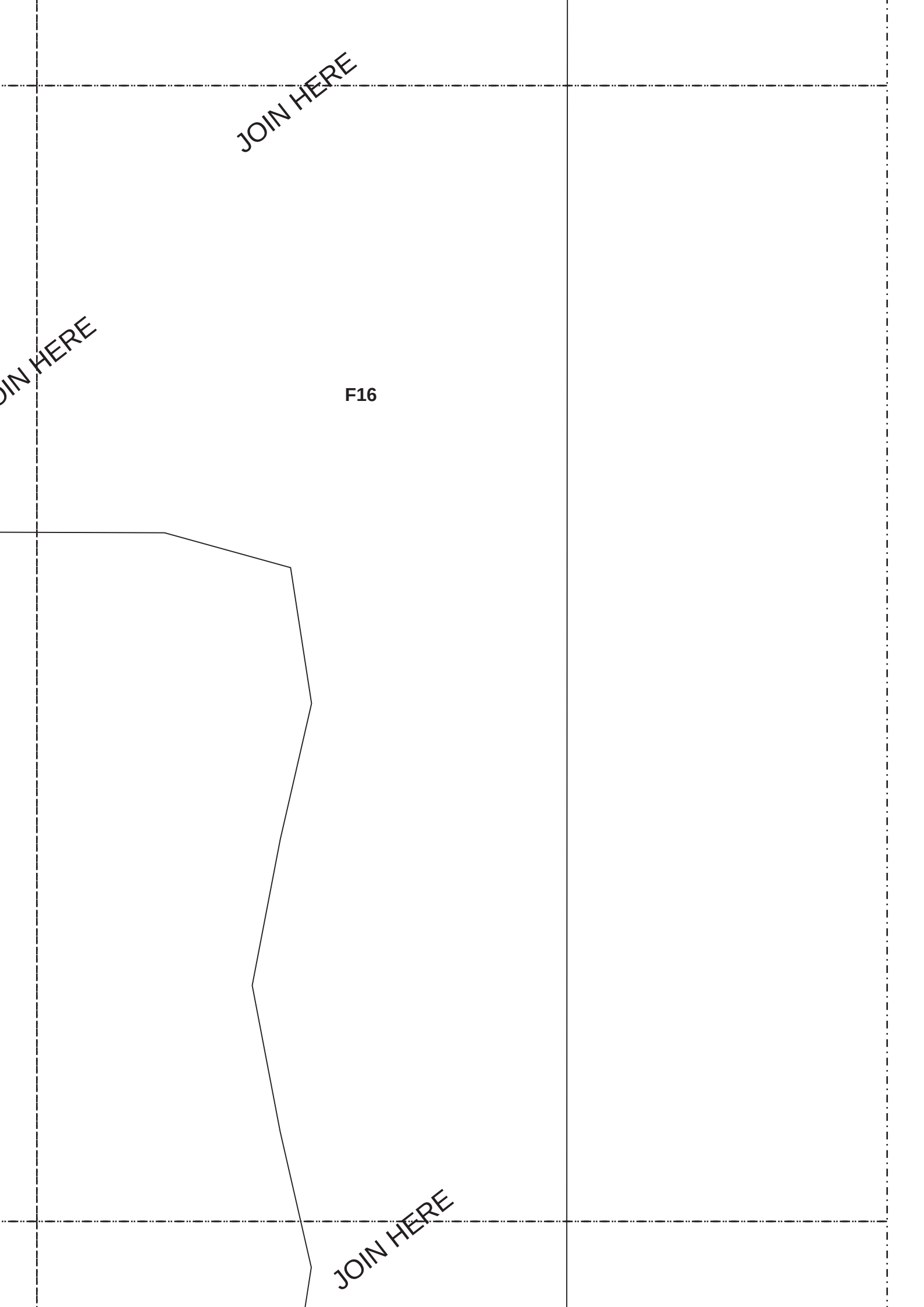
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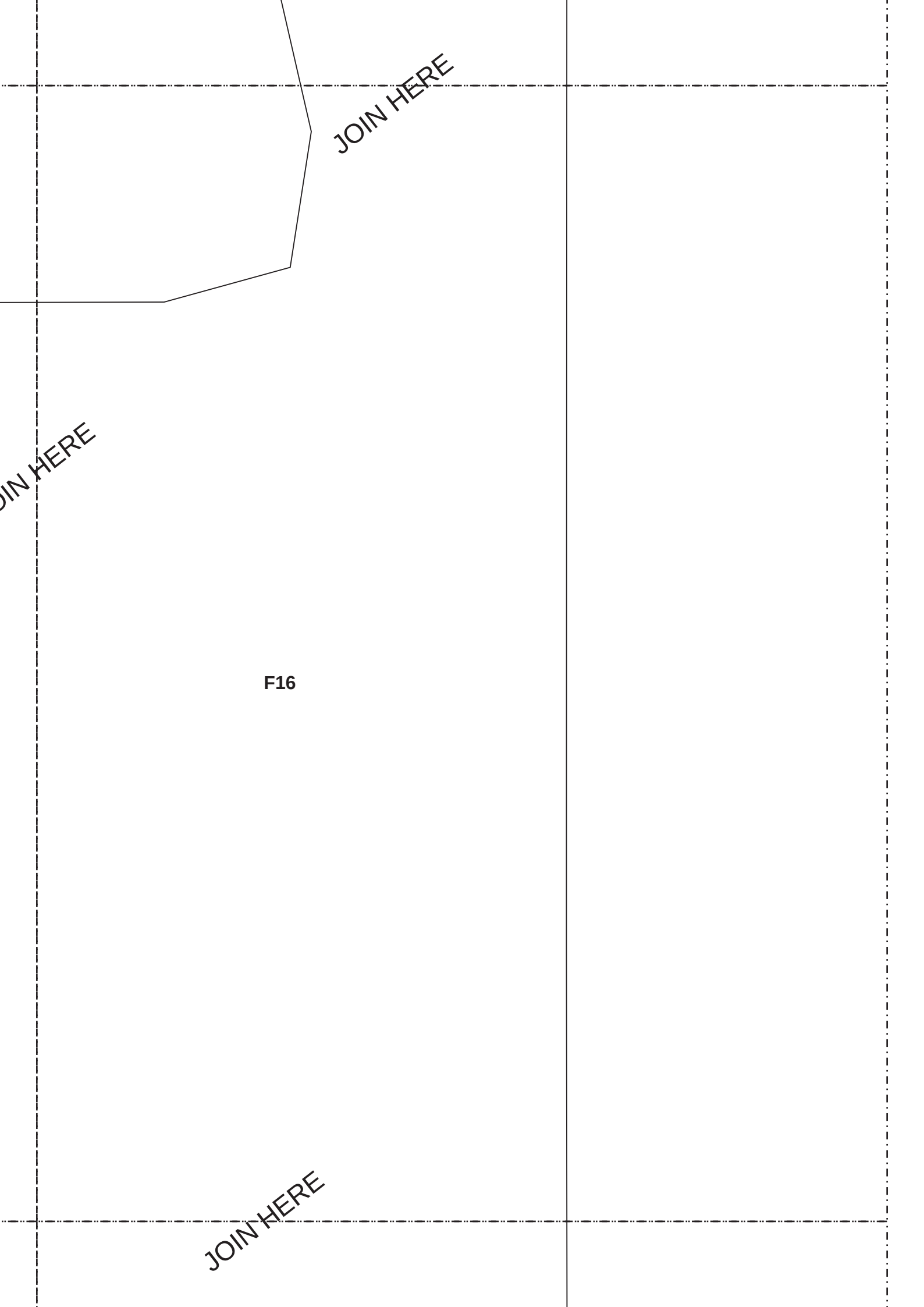
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F16

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F16

JOIN HERE

F16

JOIN HERE

F20

FUSELAGE
POLYFOAM/
DEPRON 5MM
6X

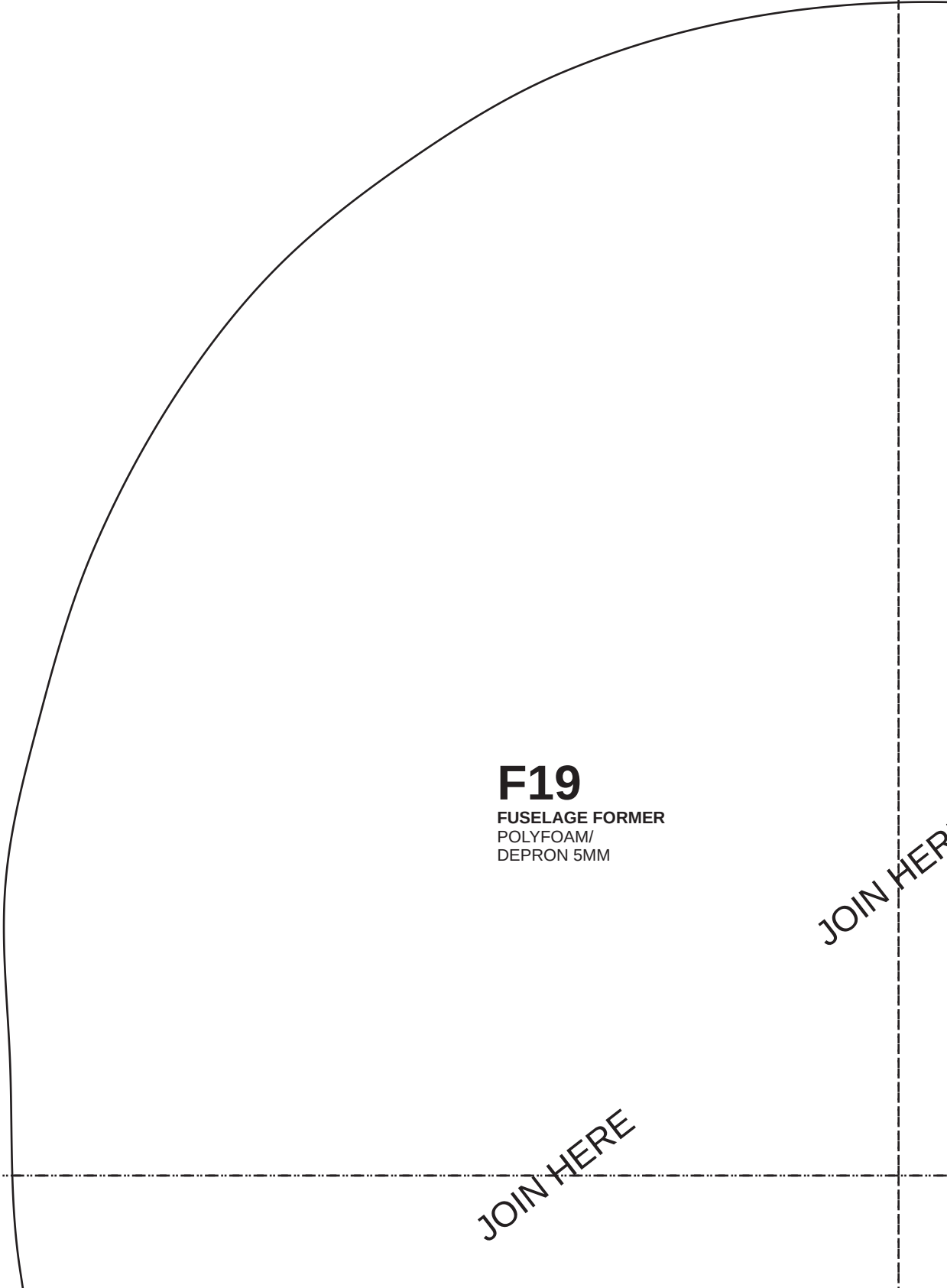
F17

FUSELAGE
POLYFOAM/
DEPRON 5MM

JOIN HERE

JOIN HERE

F17

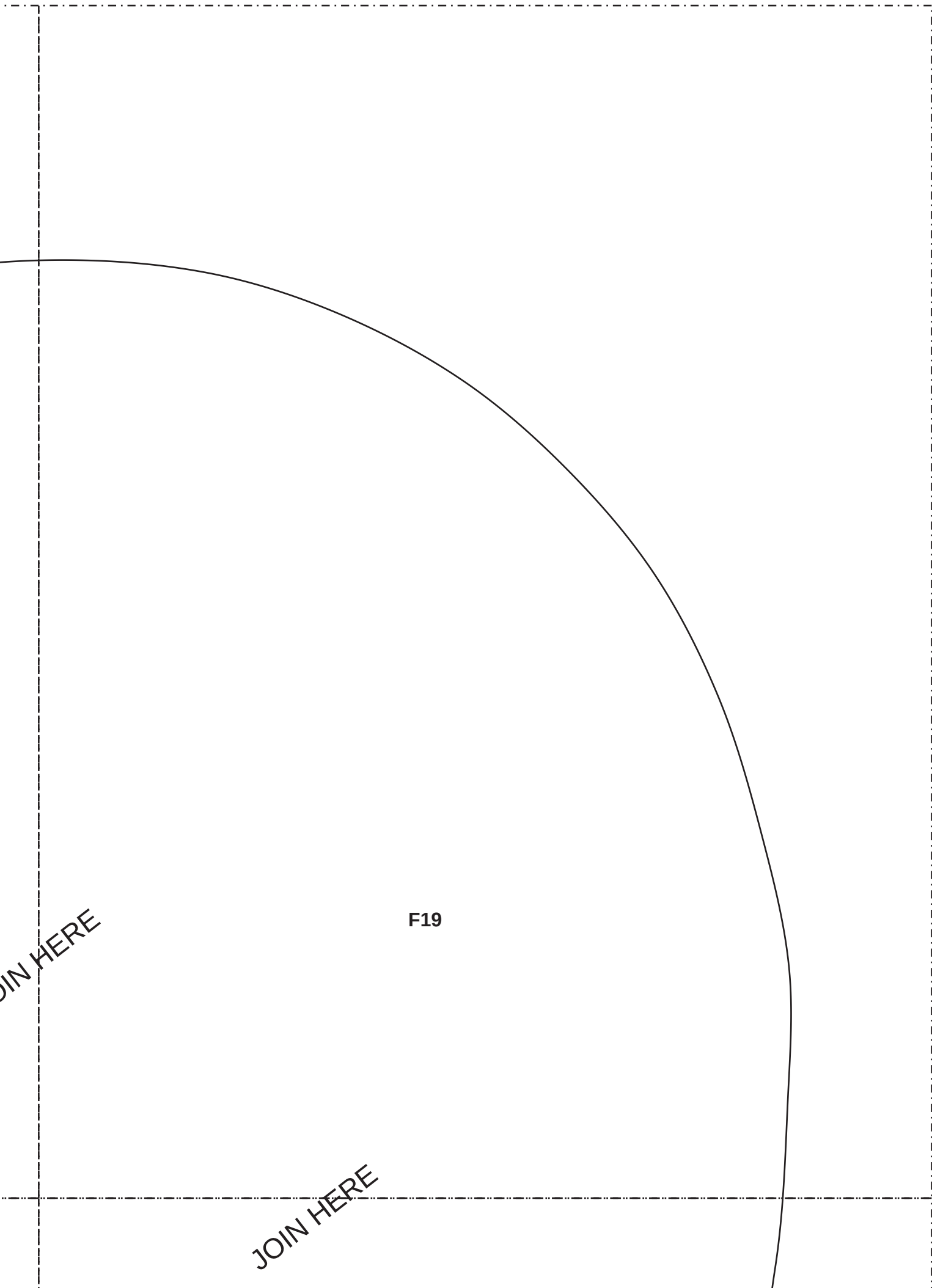


F19

FUSELAGE FORMER
POLYFOAM/
DEPRON 5MM

JOIN HERE

JOIN HERE



JOIN HERE

F19

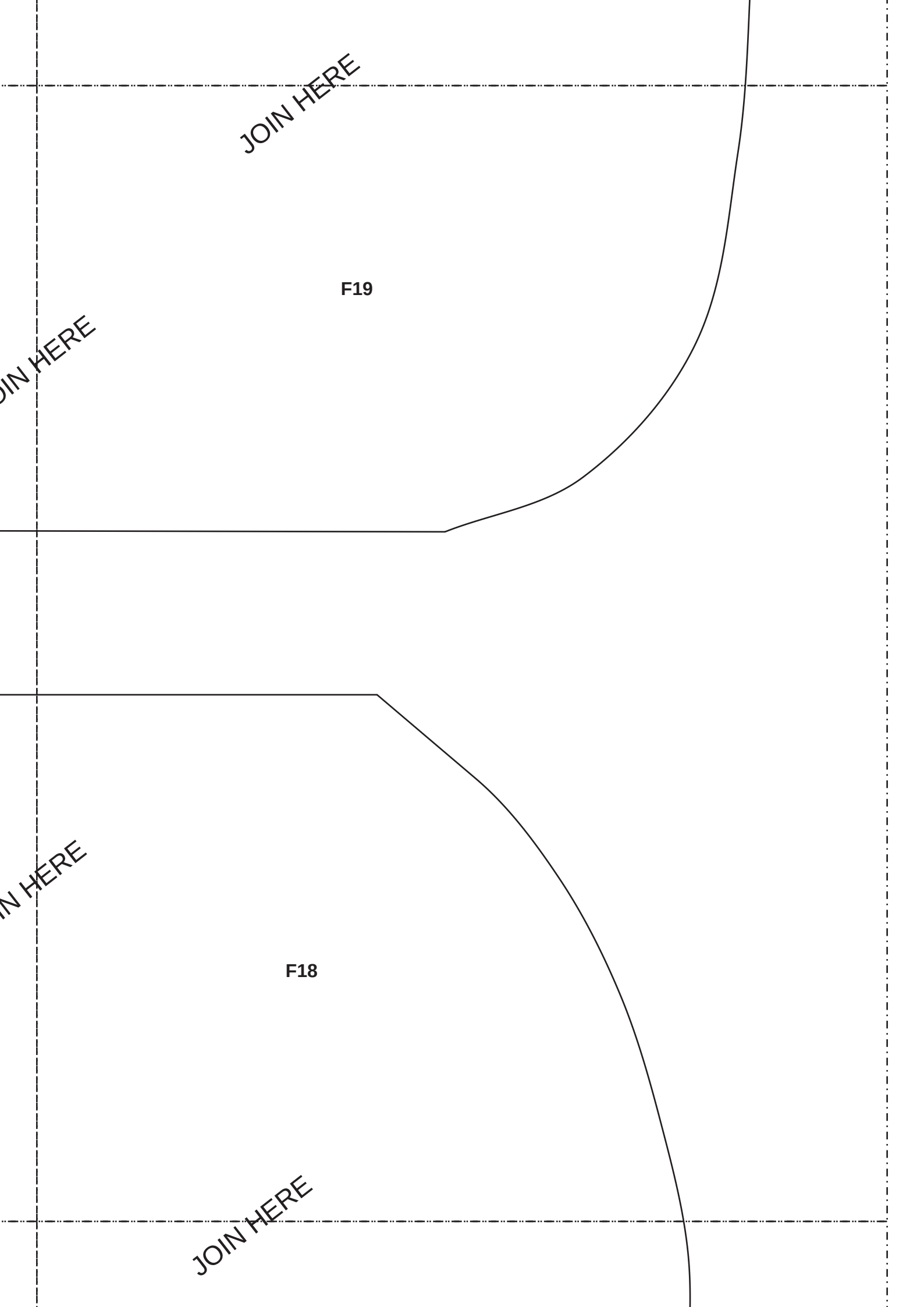
JOIN HERE

JOIN HERE

F18

FUSELAGE FORMER
POLYFOAM/
DEPRON 5MM
4X

JOIN HERE



JOIN HERE

F19

JOIN HERE

JOIN HERE

F18

JOIN HERE

JOIN HERE

F18

JOIN HERE

JOIN HERE

F18

JOIN HERE

G5A
LG FAIRING
POLYFOAM/
DEPRON 5MM
2X



UP

G3

LG FAIRING
POLYFOAM/
DEPRON 5MM
2X MIRRORED



FRONT

G4

LG FAIRING
POLYFOAM/
DEPRON 5MM
2X MIRRORED



FRONT



UP

G5

LG FAIRING
POLYFOAM/
DEPRON 5MM
2X MIRRORED



UP



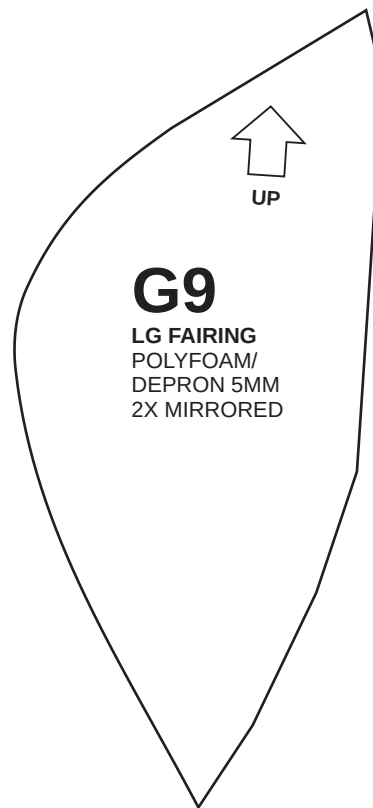
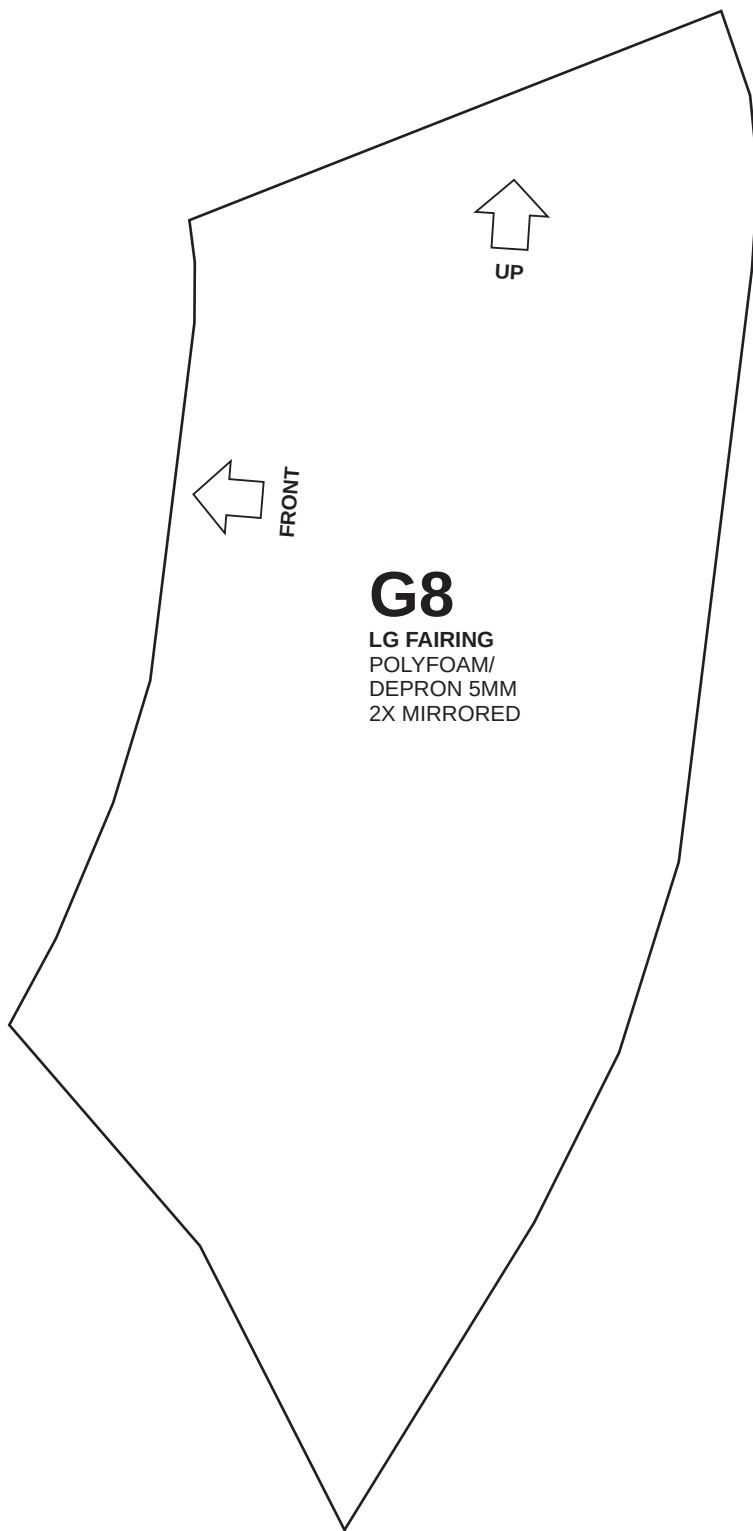
FRONT

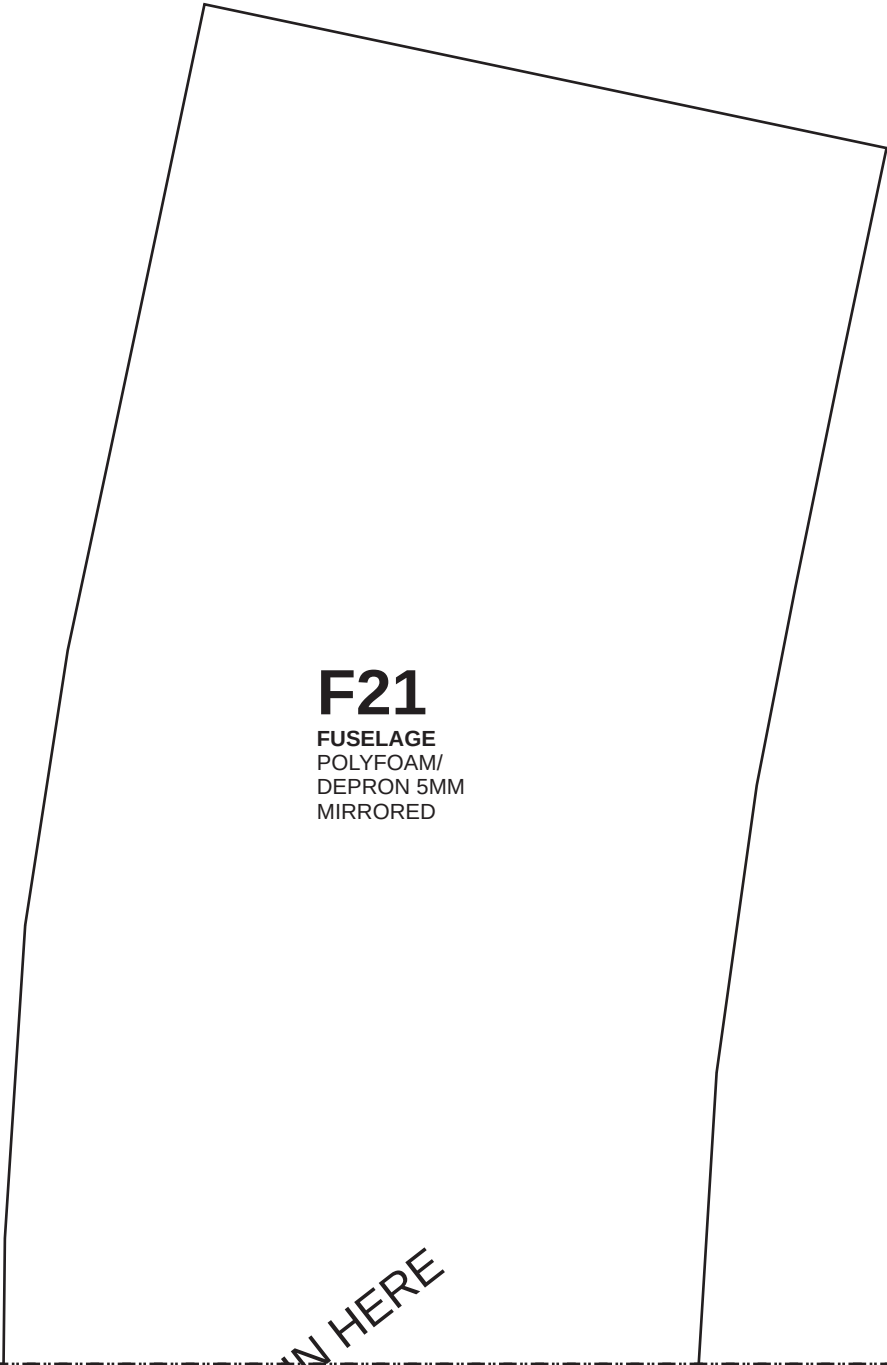
G6

LG FAIRING
POLYFOAM/
DEPRON 5MM
2X MIRRORED

G7

LG FAIRING
POLYFOAM/
DEPRON 5MM
2X MIRRORED





F21

FUSELAGE
POLYFOAM/
DEPRON 5MM
MIRRORED

JOIN HERE

JOIN HERE

F21

JOIN HERE

JOIN HERE

F21

JOIN HERE

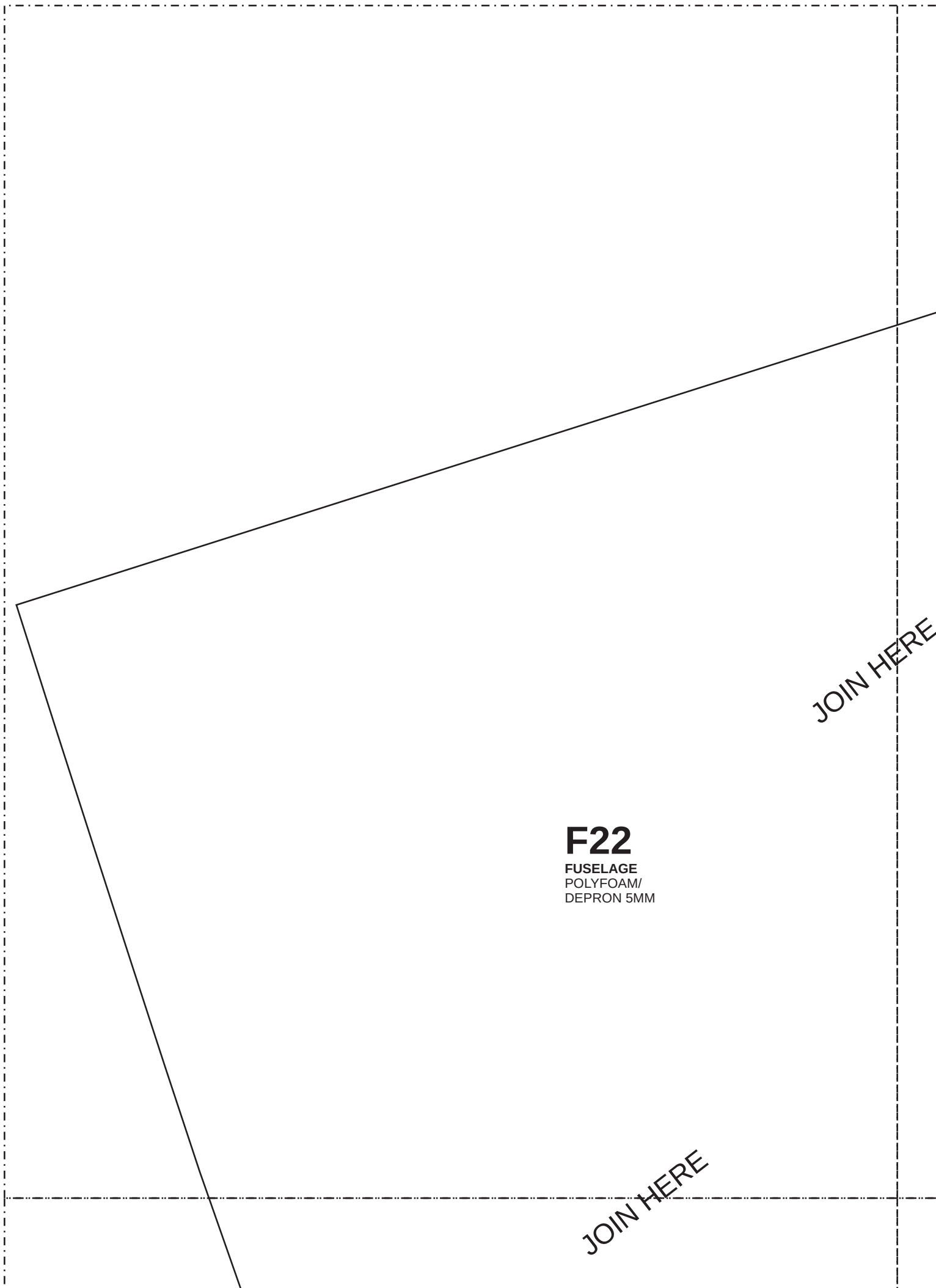
JOIN HERE

F21

JOIN HERE

JOIN HERE

F21



JOIN HERE

F22

FUSELAGE
POLYFOAM/
DEPRON 5MM

JOIN HERE

JOIN HERE

F22

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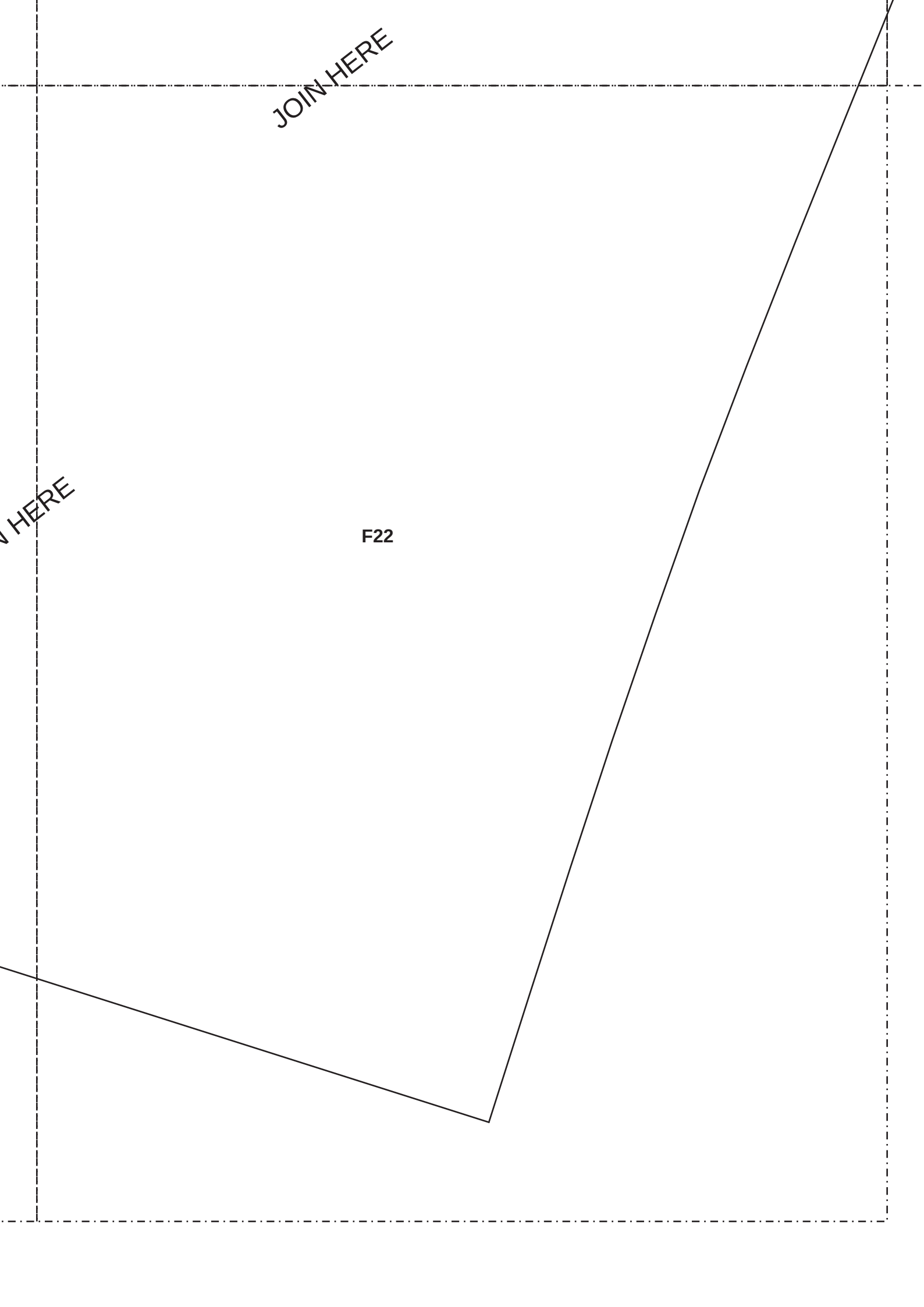
F22

JOIN HERE

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F22

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JOIN HERE

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F22

F23

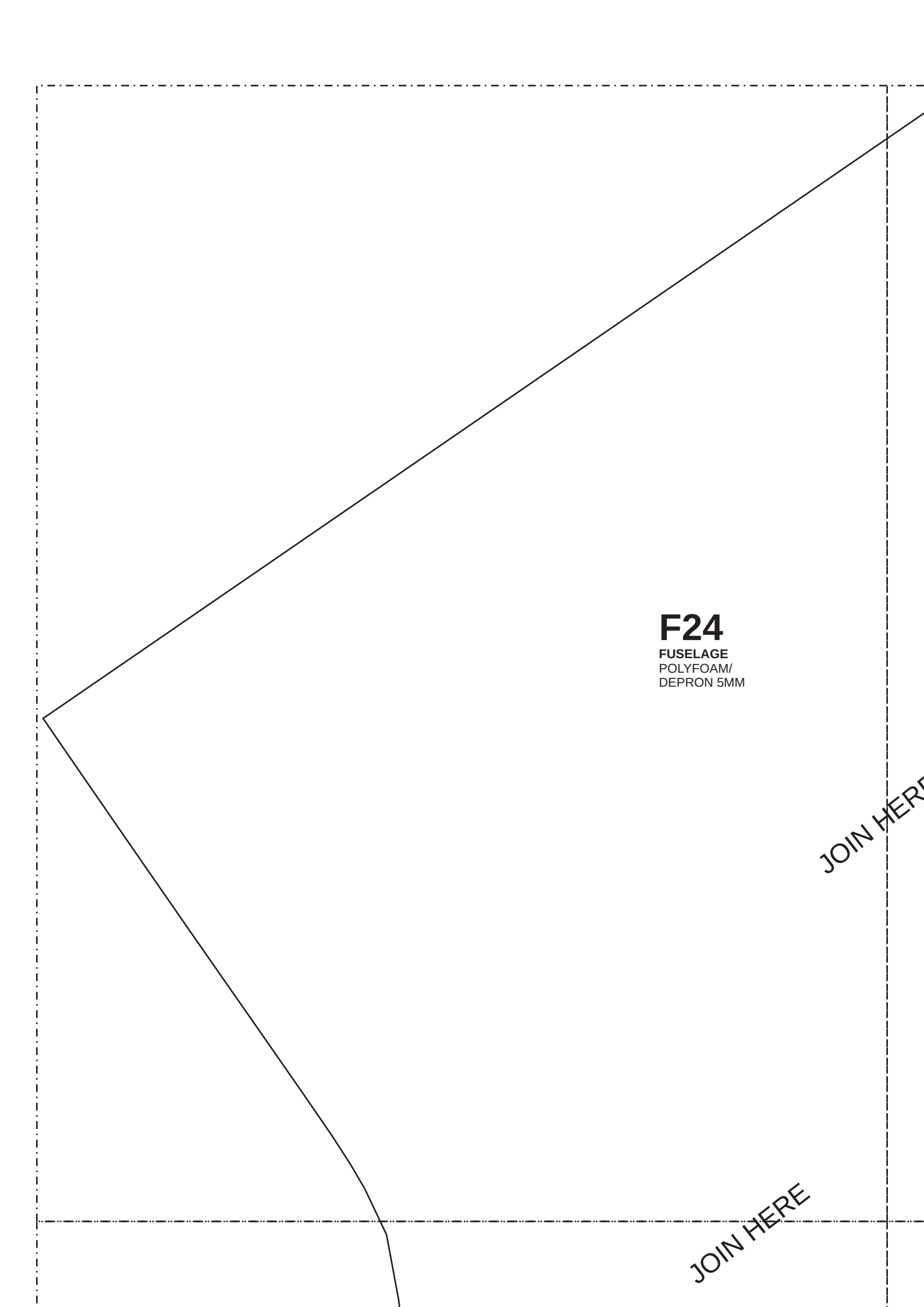
FUSELAGE
POLYFOAM/
DEPRON 5MM



JOIN HERE

JOIN HERE

F23

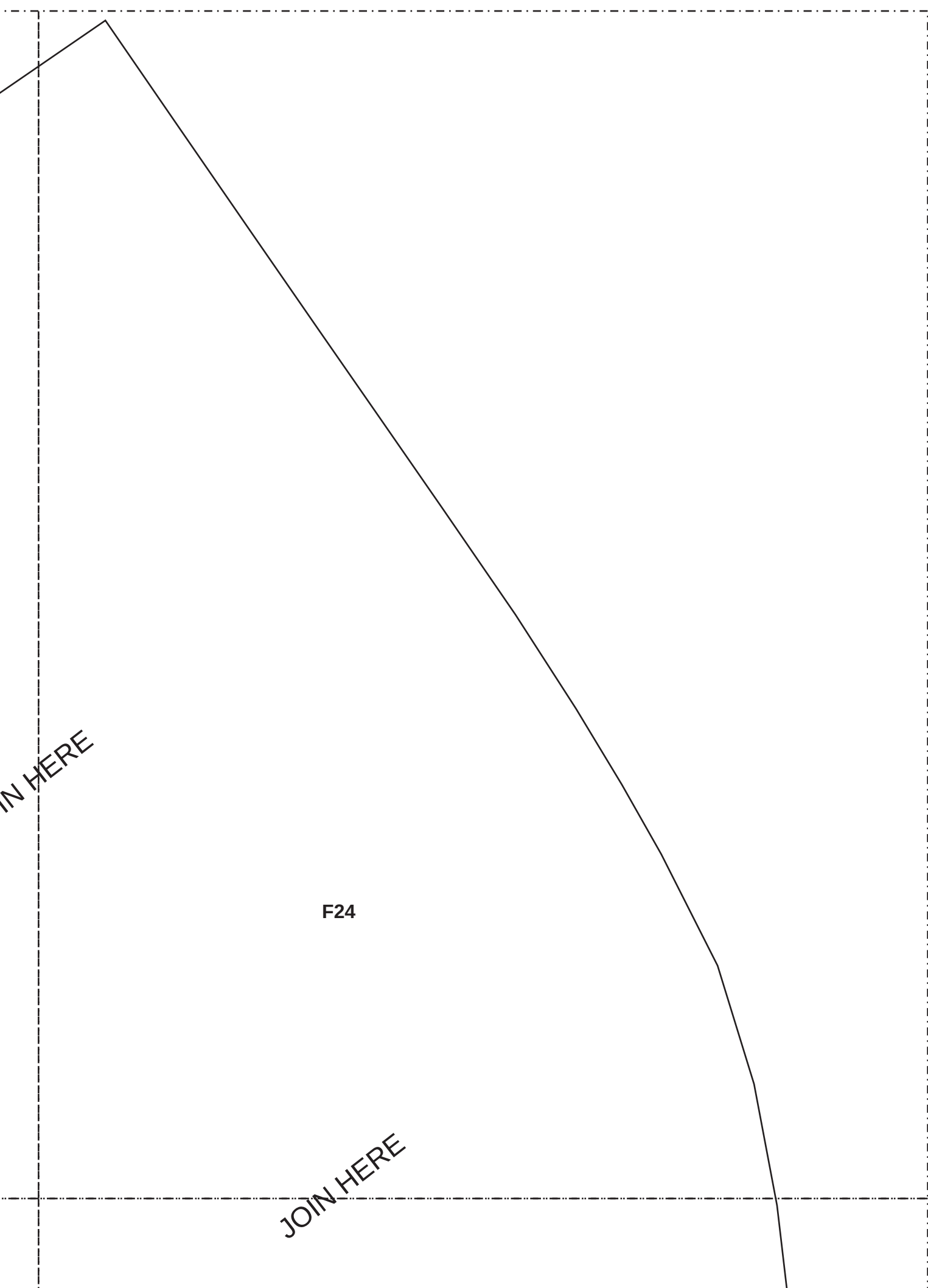


F24

FUSELAGE
POLYFOAM/
DEPRON 5MM

JOIN HERE

JOIN HERE



IN HERE

F24

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F24

JOIN HERE

JOIN HERE

JOIN HERE

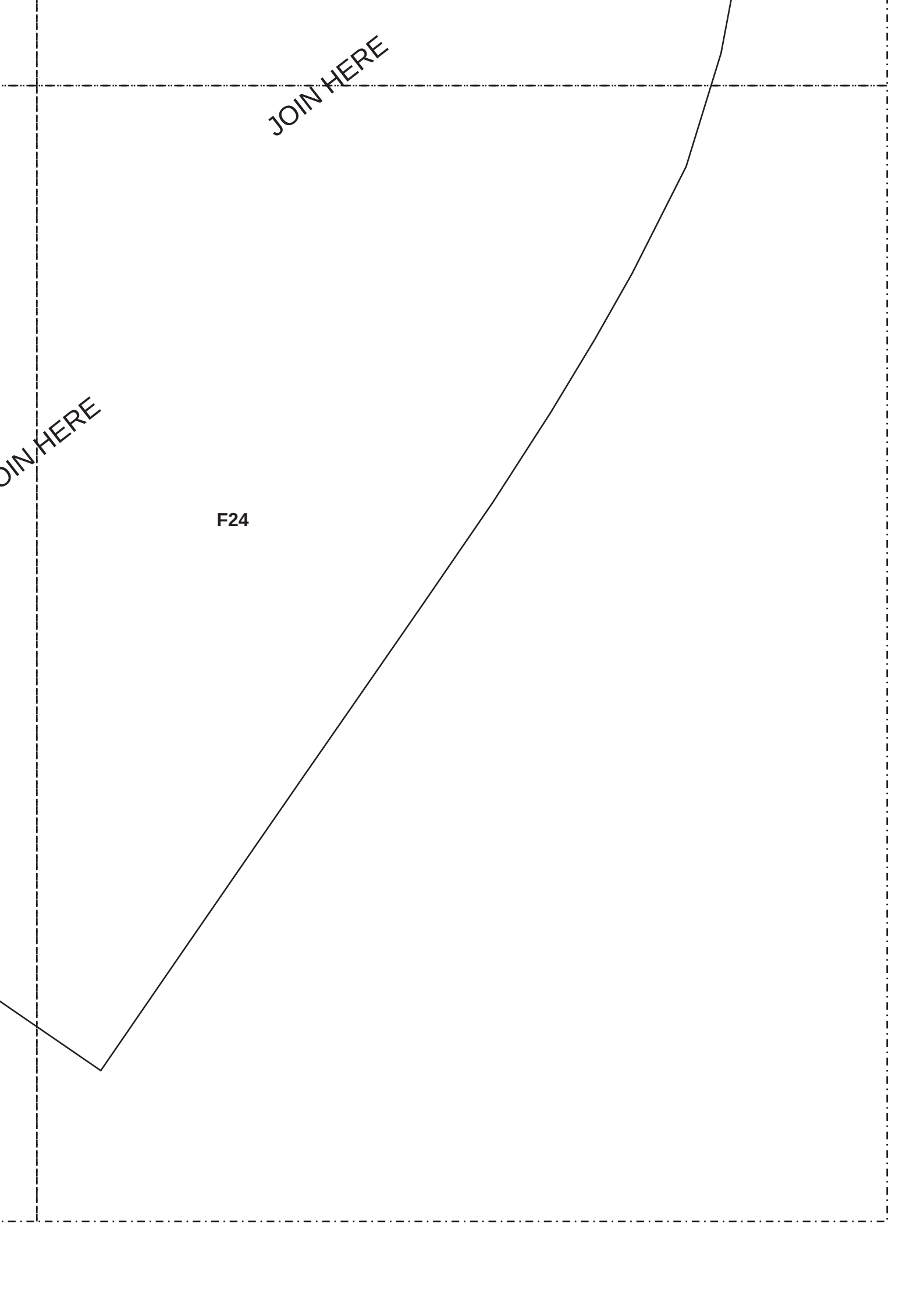
F24

JOIN HERE

JOIN HERE

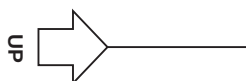
JOIN HERE

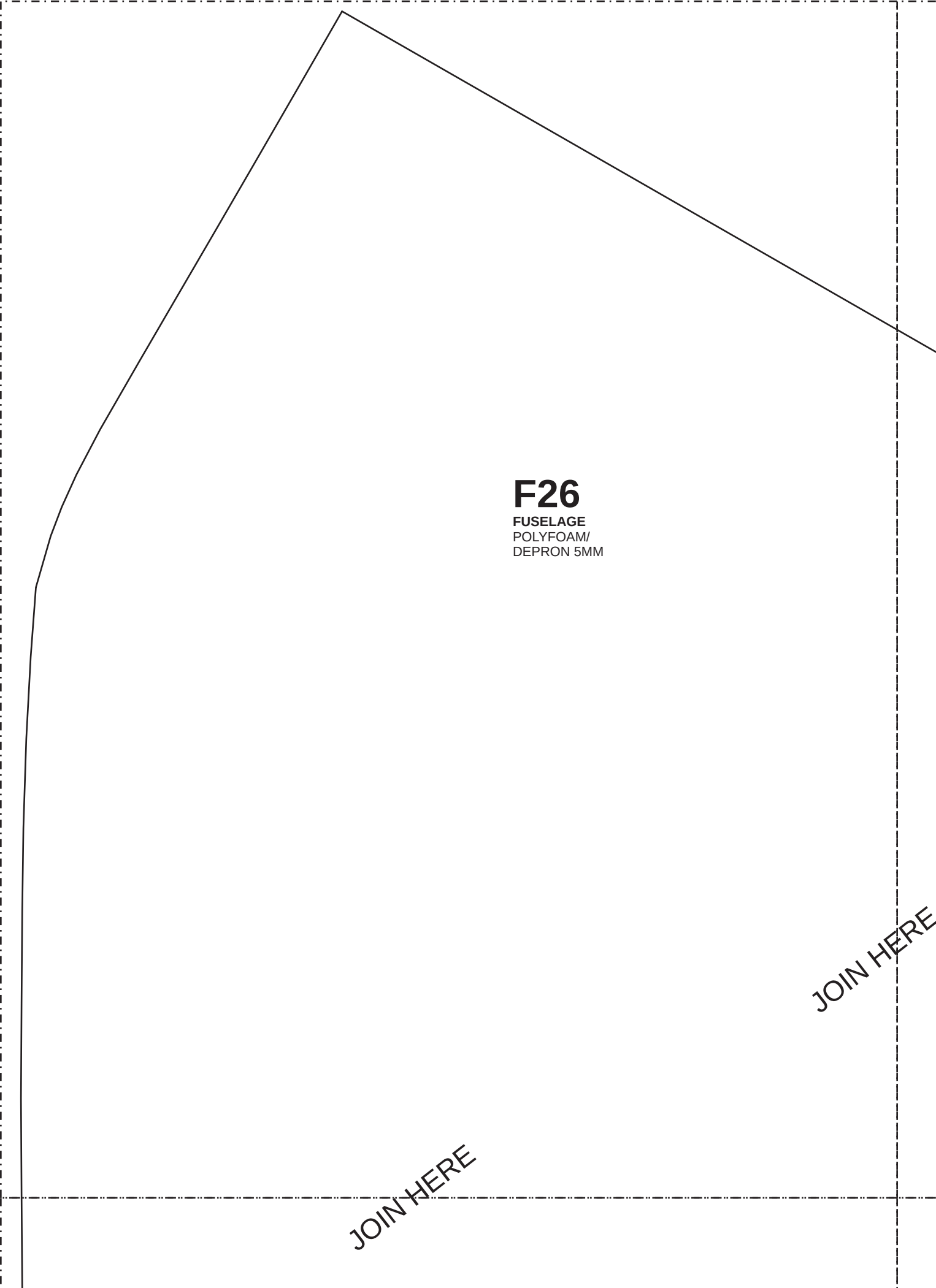
F24



F25

FUSELAGE
POLYFOAM/
DEPRON 5MM





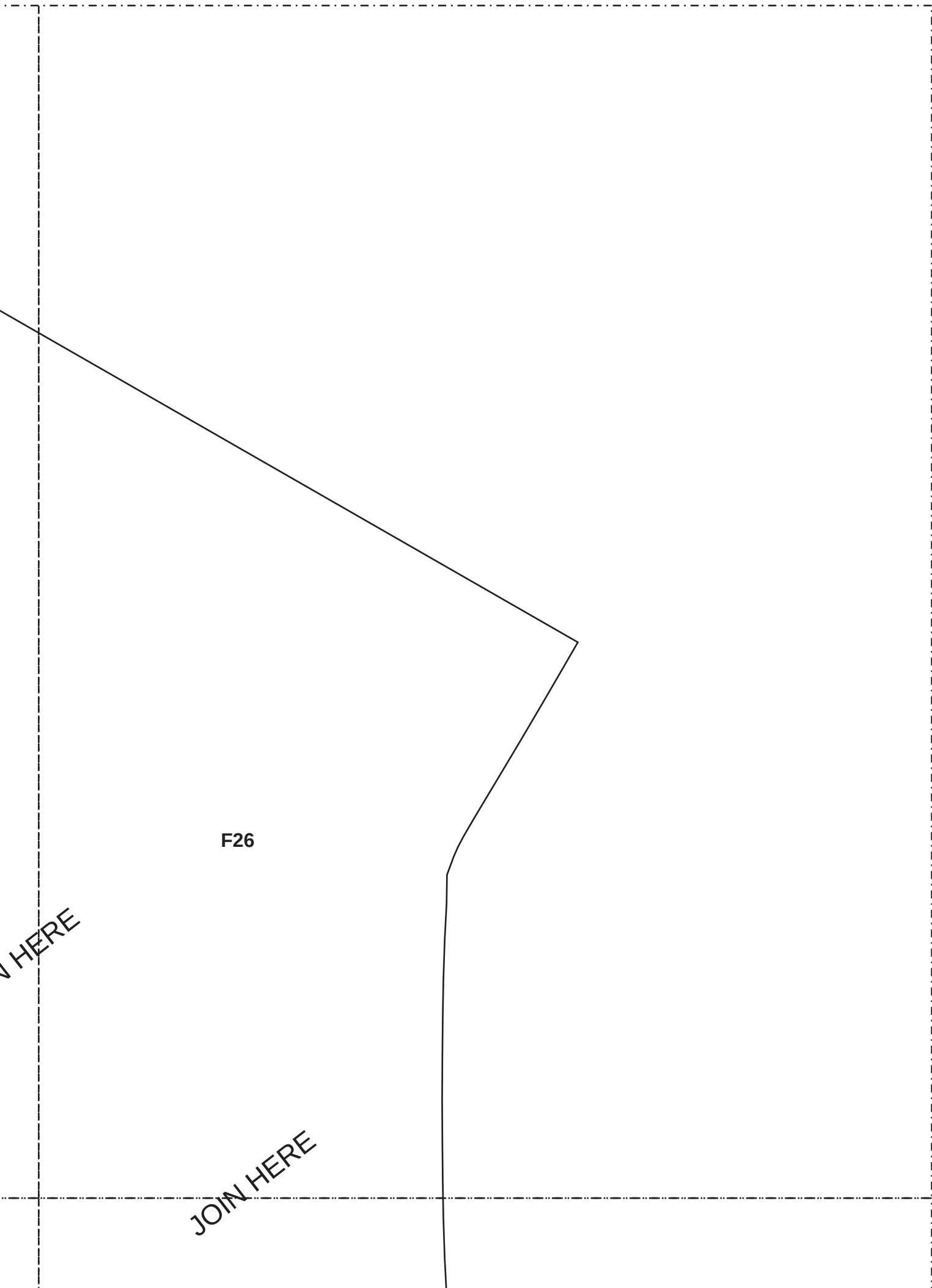
A technical template for an F26 fuselage. It features a large, light gray, irregularly shaped area representing the fuselage. The shape has a curved left side, a sharp peak at the top, and a sloped right side. The entire template is enclosed within a dashed rectangular border. Two diagonal lines extend from the top peak towards the bottom corners, labeled 'JOIN HERE'. The text 'F26' is prominently displayed in the center-right, with 'FUSELAGE', 'POLYFOAM/', and 'DEPRON 5MM' listed below it.

F26

FUSELAGE
POLYFOAM/
DEPRON 5MM

JOIN HERE

JOIN HERE



F26

JOIN HERE

JOIN HERE

JOIN HERE

JOIN HERE

F26

JOIN HERE

JOIN HERE

F26

F27

FUSELAGE
POLYFOAM/
DEPRON 5MM
X3

S1

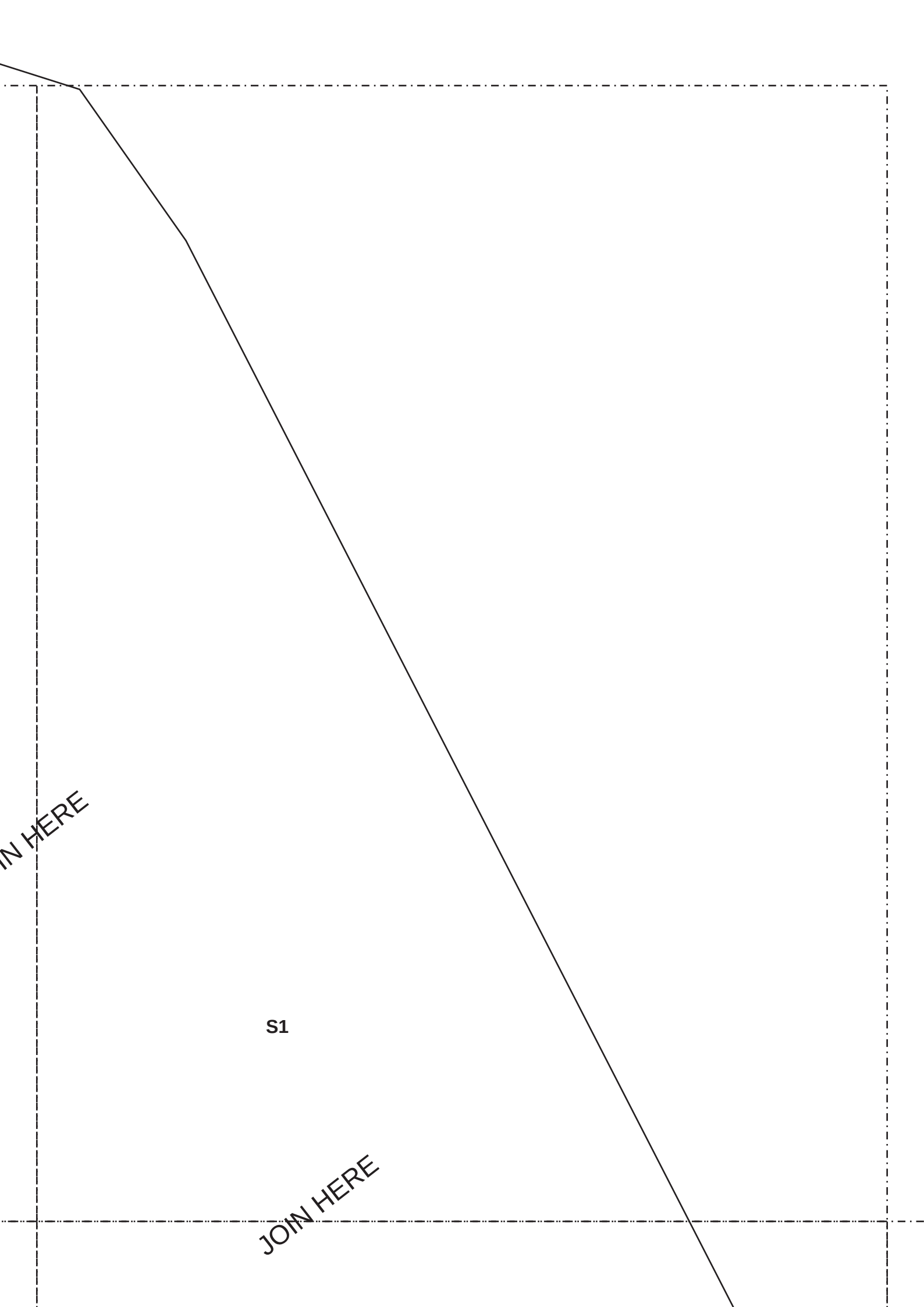
VER-STAB
POLYFOAM/
DEPRON 5MM
2X MIRRORED

JOIN HERE

S3

S2

JOIN HERE



IN HERE

S1

JOIN HERE

S3

S2

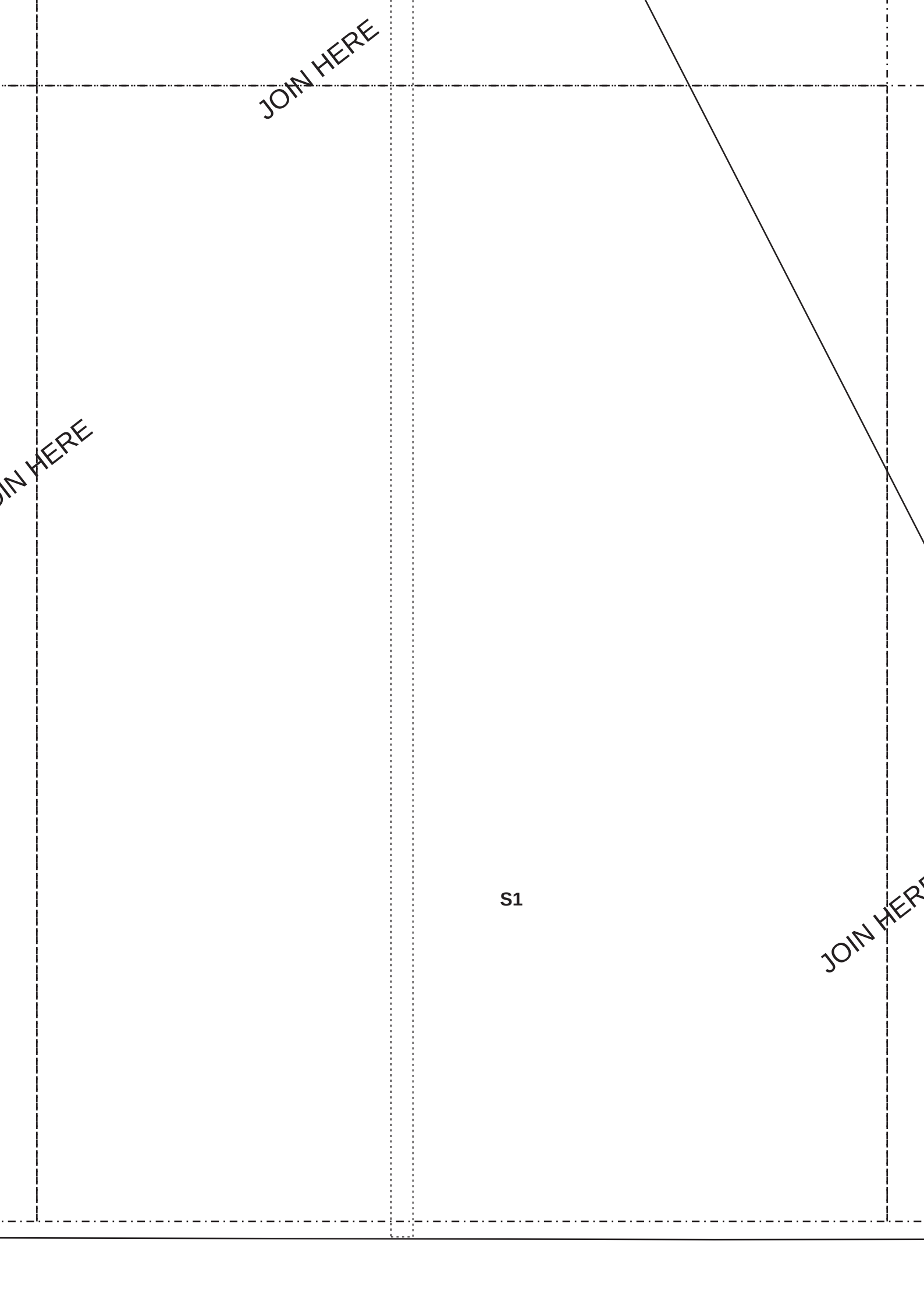
JOIN HERE

JOIN HERE

S1

S3

S2



JOIN HERE

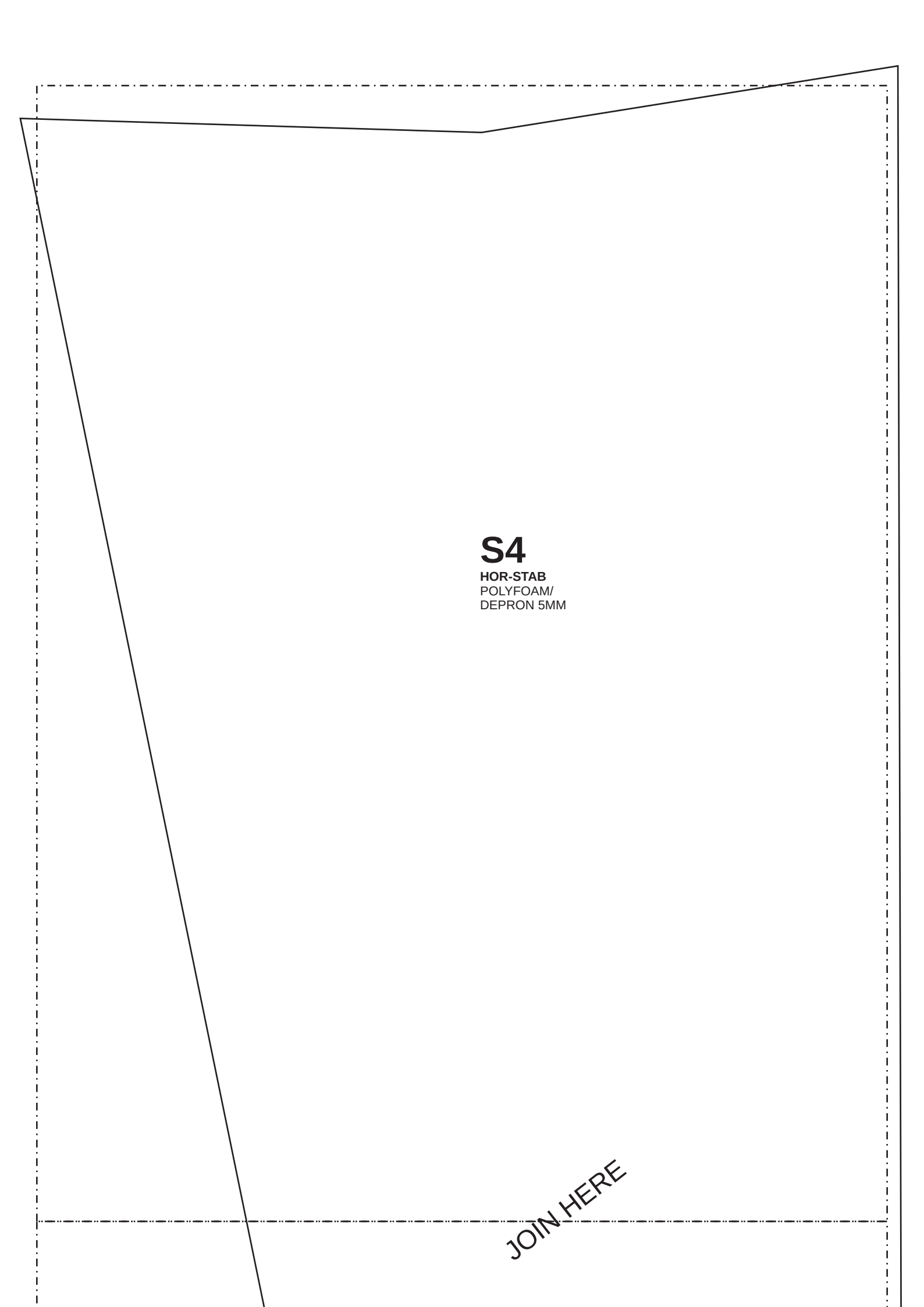
JOIN HERE

S1

JOIN HERE

IN HERE

S1



The image shows a large rectangular area defined by a dashed border. A solid diagonal line runs from the top-left corner towards the bottom-right corner. In the center of the rectangle, the text 'S4' is displayed in a large, bold font. Below 'S4', the text 'HOR-STAB' is written in a smaller, bold font, followed by 'POLYFOAM/' and 'DEPRON 5MM' on separate lines. In the bottom-right corner, the text 'JOIN HERE' is written in a bold font, rotated 45 degrees counter-clockwise.

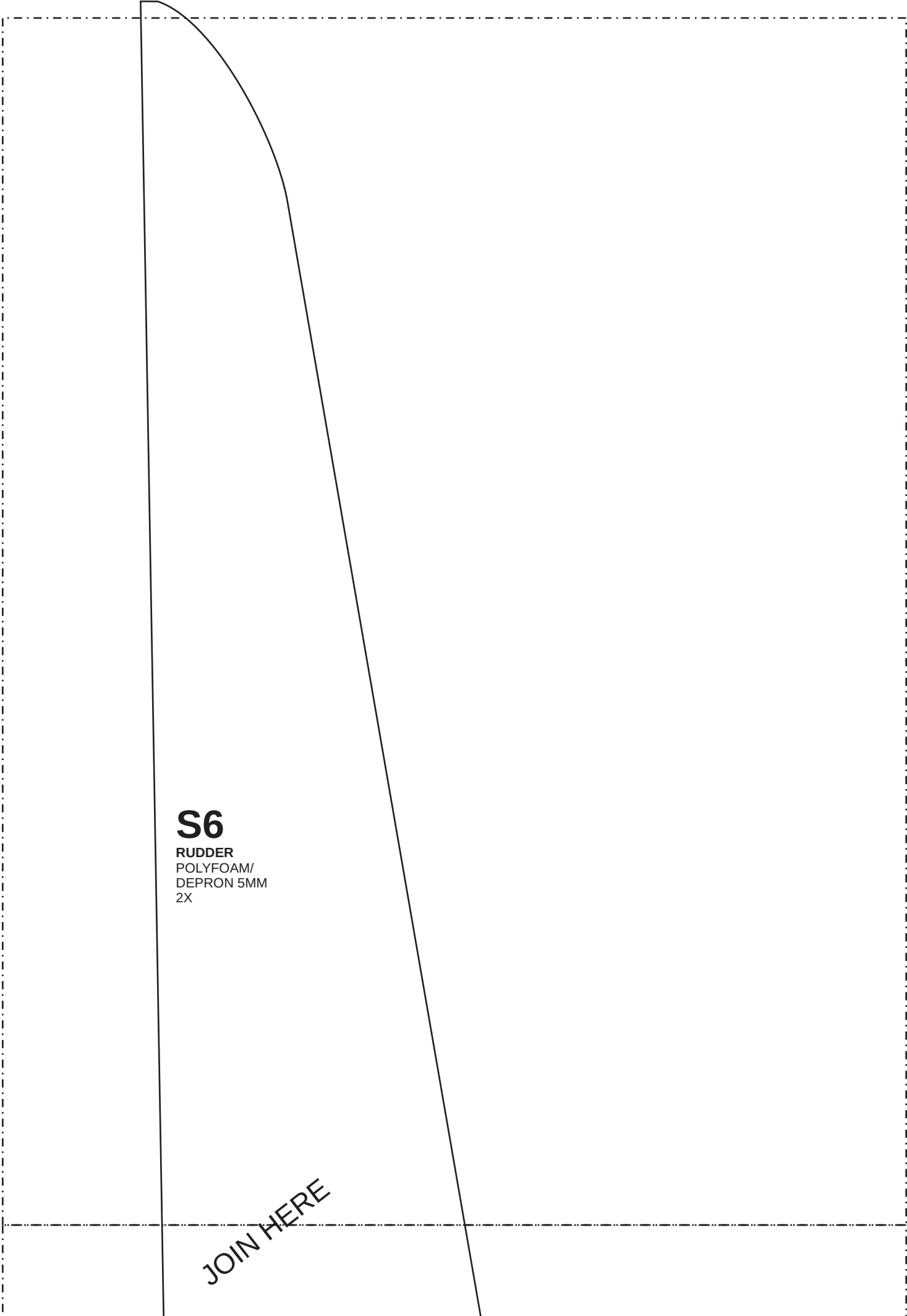
S4

HOR-STAB
POLYFOAM/
DEPRON 5MM

JOIN HERE

JOIN HERE

S4



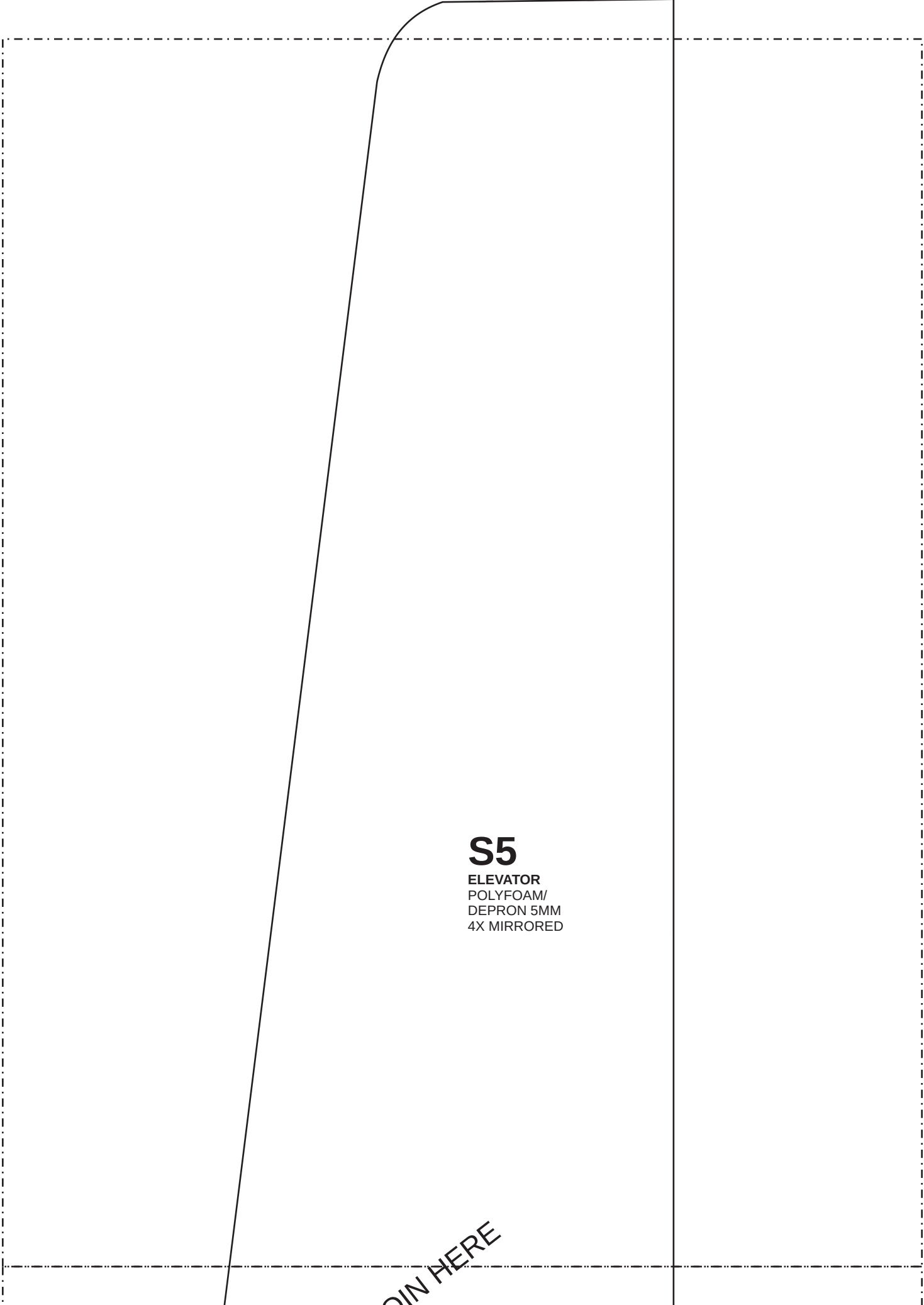
S6

RUDDER
POLYFOAM/
DEPRON 5MM
2X

JOIN HERE

JOIN HERE

S6



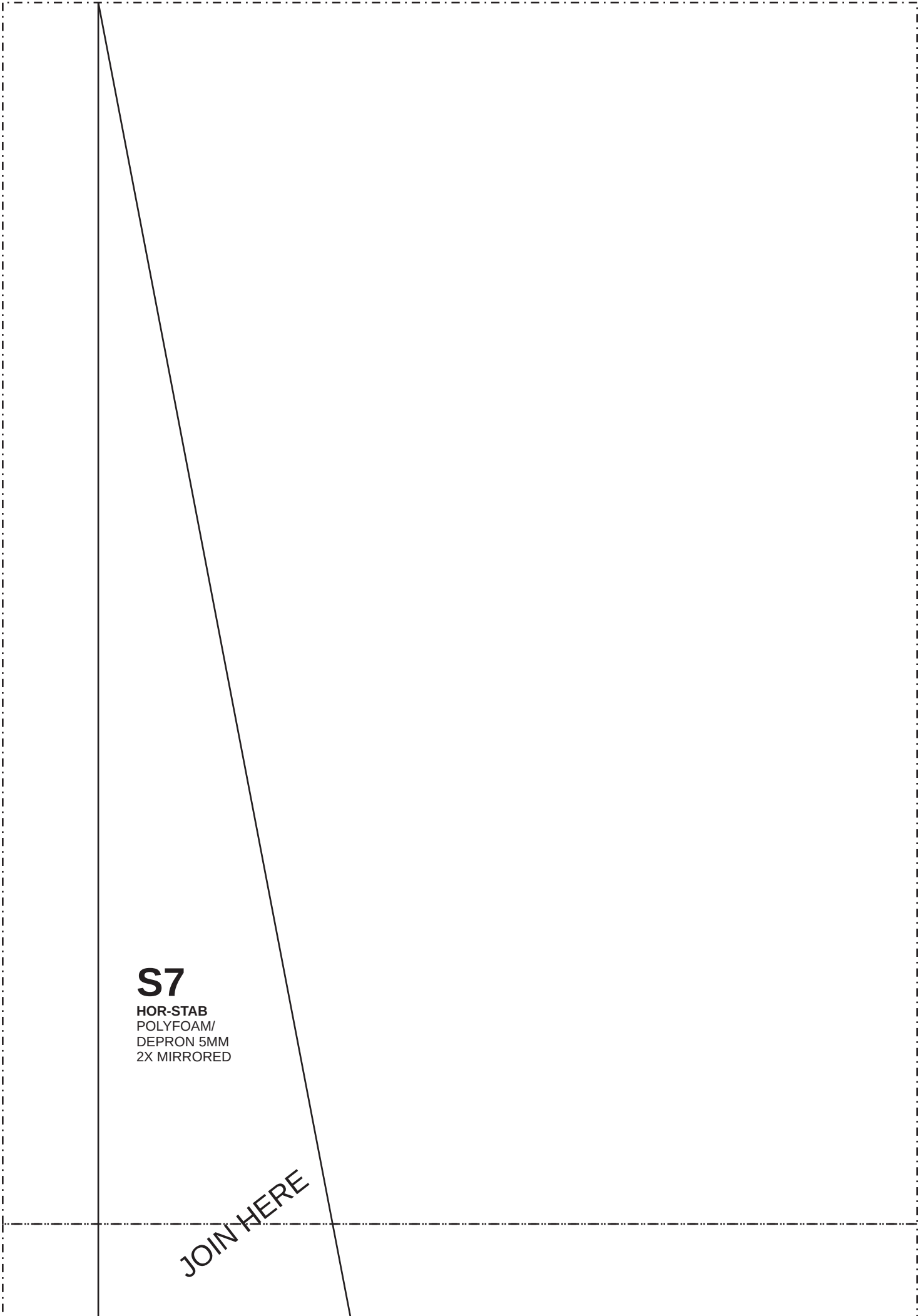
S5

ELEVATOR
POLYFOAM/
DEPRON 5MM
4X MIRRORED

JOIN HERE

JOIN HERE

S5



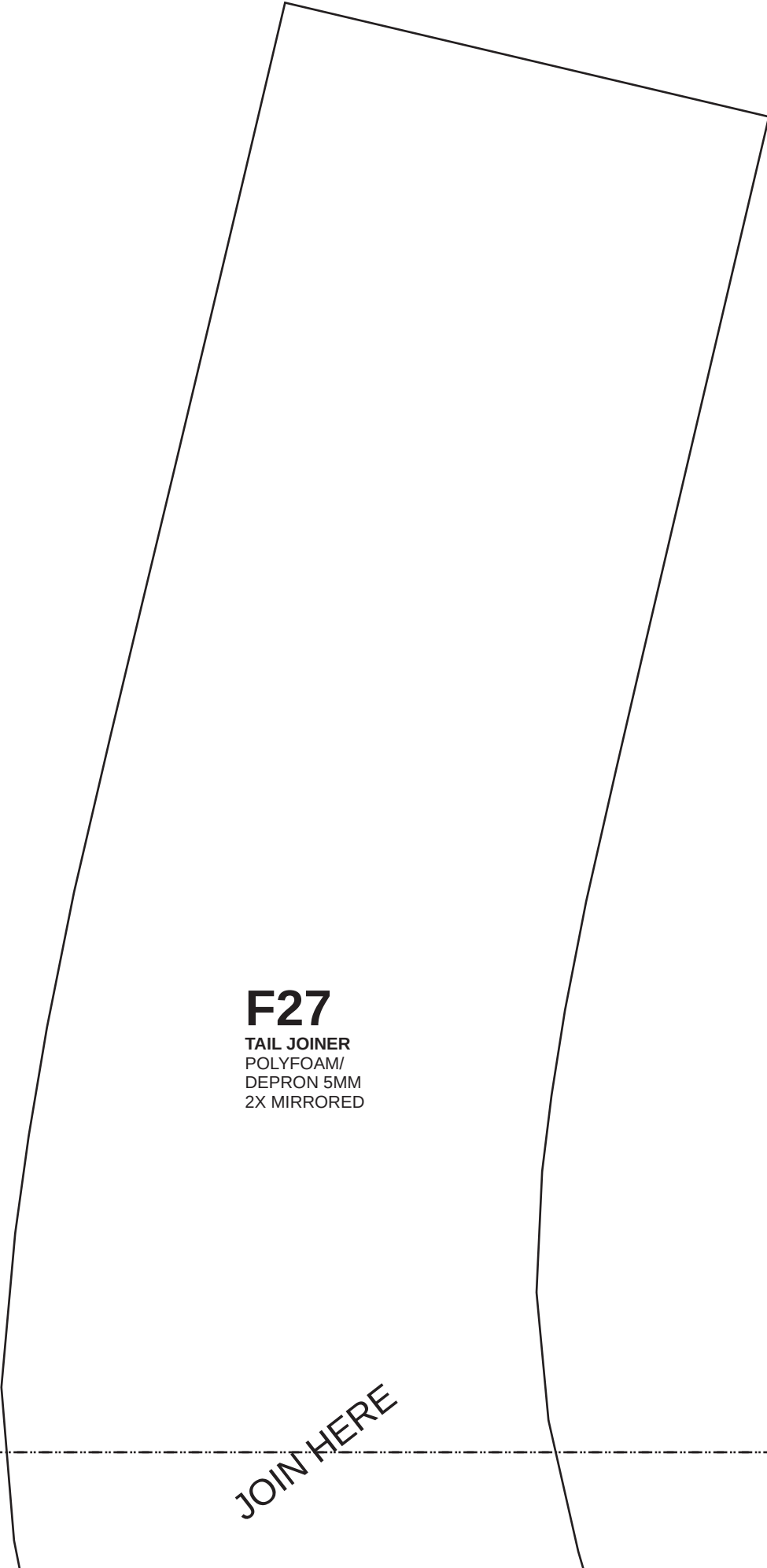
S7

HOR-STAB
POLYFOAM/
DEPRON 5MM
2X MIRRORED

JOIN HERE

JOIN HERE

S7



F27

TAIL JOINER
POLYFOAM/
DEPRON 5MM
2X MIRRORED

JOIN HERE

JOIN HERE

F27

W3

MIDDLE WING SPAR
POLYFOAM/
DEPRON 5MM
AND
3MM PLYWOOD

JOIN HERE

W2

MIDDLE WING
POLYFOAM/
DEPRON 5MM

JOIN HERE

W14

OUTER WING SPAR
POLYFOAM/
DEPRON 5MM
AND
3MM PLYWOOD
2X

JOIN HERE

W15

OUTER WING
SPAR
POLYFOAM/
DEPRON 5MM
2X

JOIN HERE

JOIN HERE

W3

JOIN HERE

JOIN HERE

W2

JOIN HERE

JOIN HERE

W14

JOIN HERE

JOIN HERE

W15

JOIN HERE

W3

JOIN HERE

W2

JOIN HERE

W14

JOIN HERE

W15

JOIN HERE

JOIN HERE

JOIN HERE

JOIN HERE

JOIN HERE

JOIN HERE

W3

JOIN HERE

W2

JOIN HERE

W14

JOIN HERE

W15

JOIN HERE

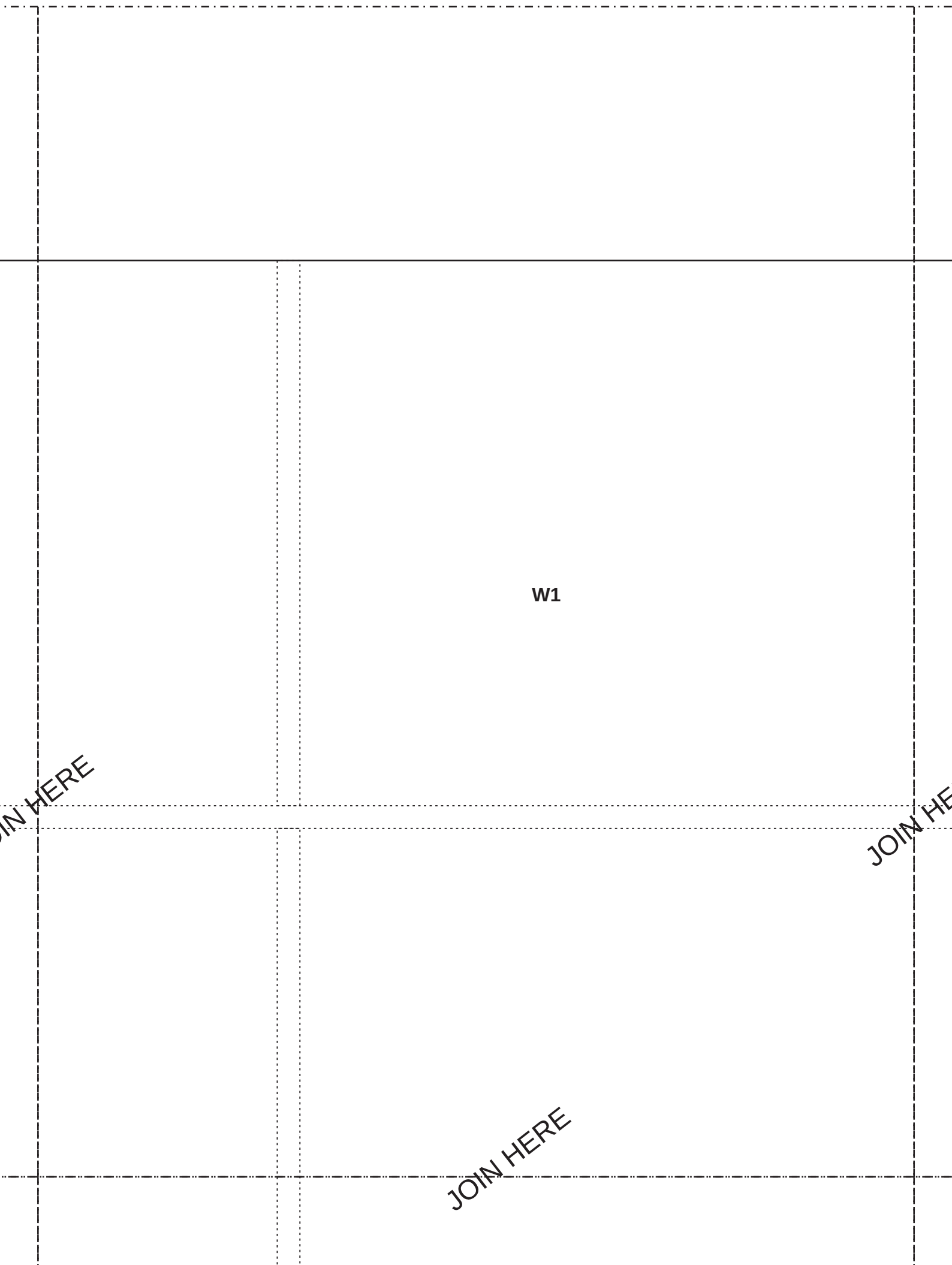
JOIN HERE

W1

MIDDLE WING
POLYFOAM/
DEPRON 5MM

JOIN HERE

JOIN HERE

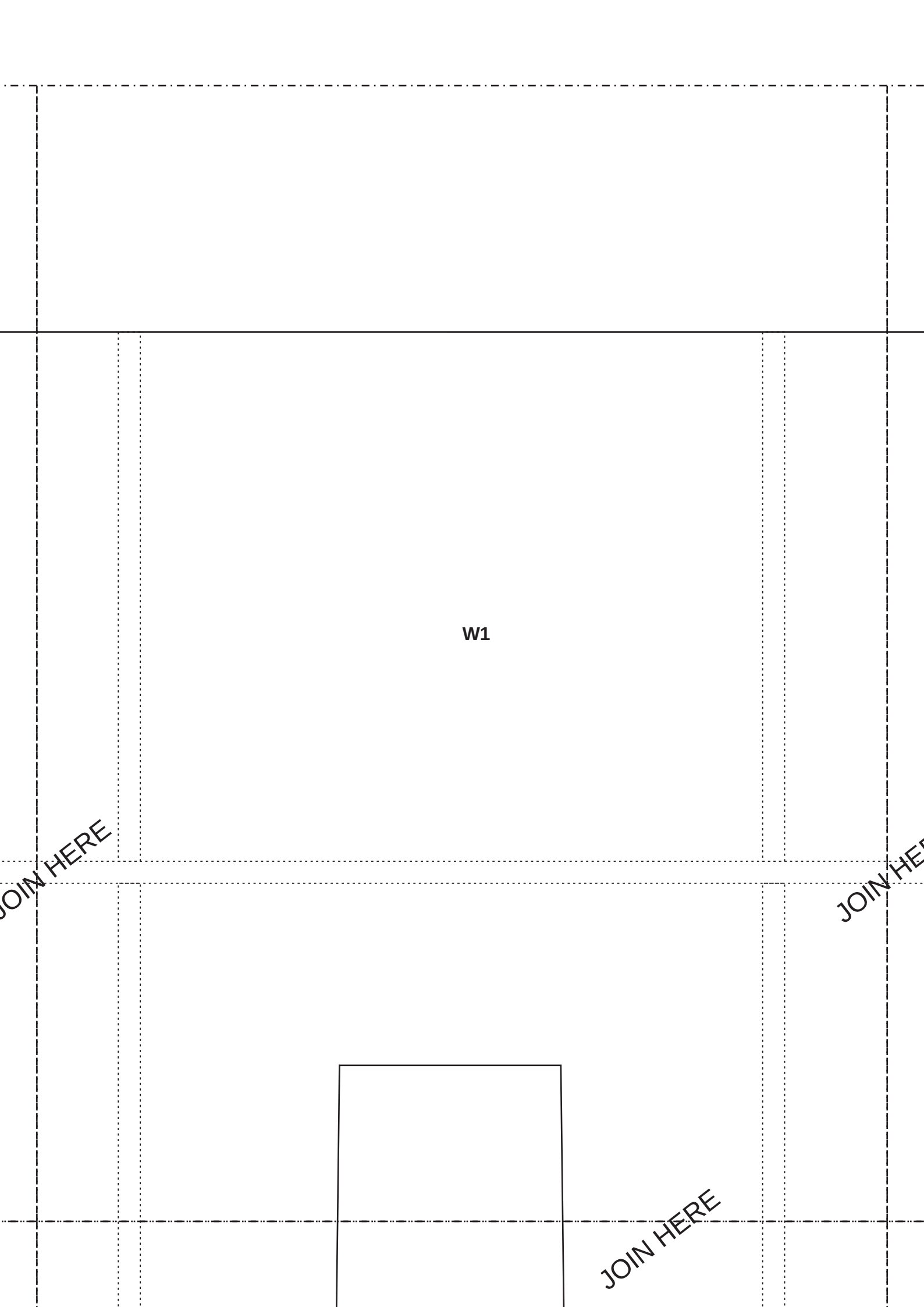


W1

JOIN HERE

JOIN HERE

JOIN HERE

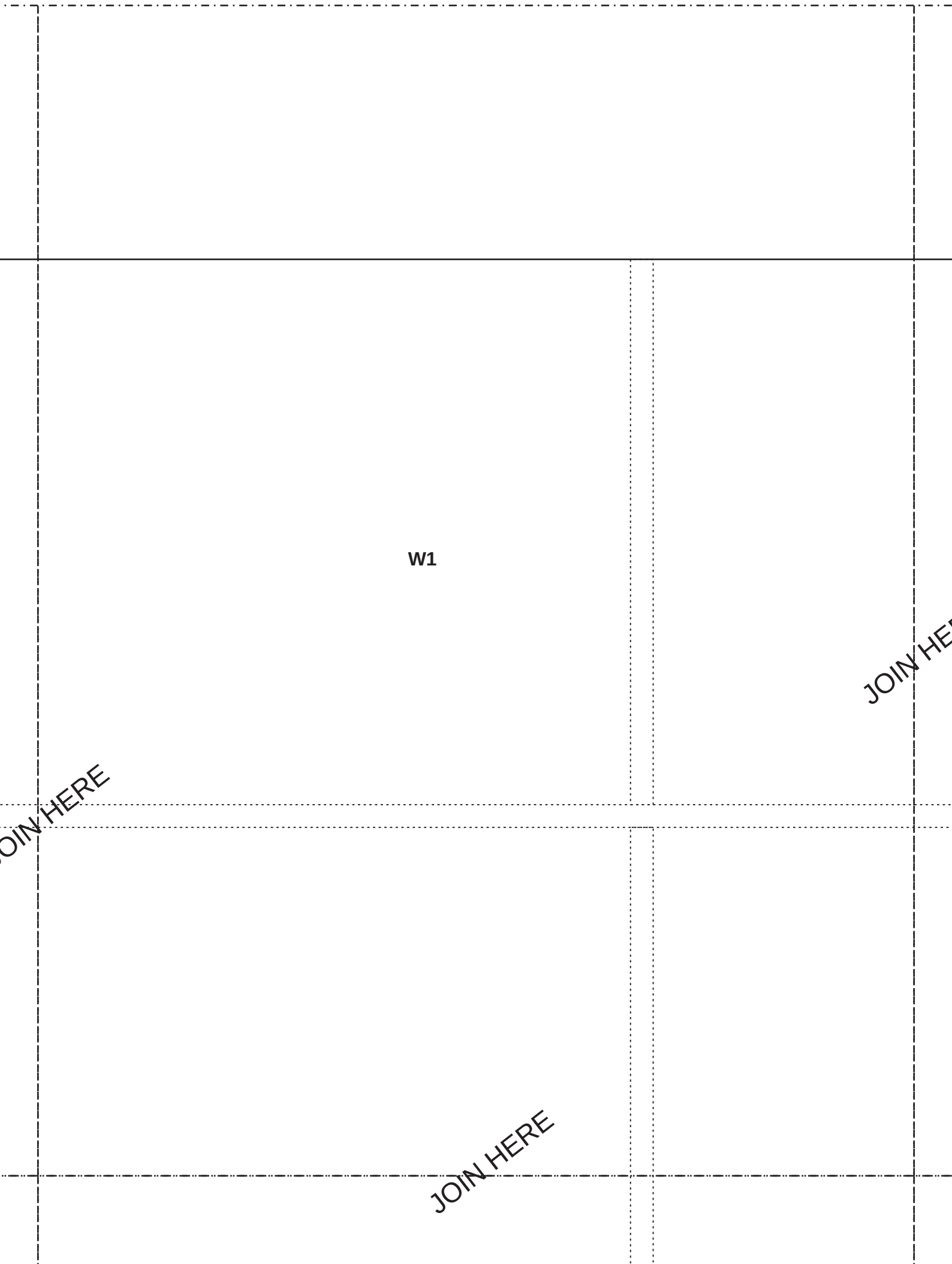


W1

JOIN HERE

JOIN HERE

JOIN HERE



W1

JOIN HERE

JOIN HERE

JOIN HERE

JOIN HERE

W1

JOIN HERE



JOIN HERE



JOIN HERE

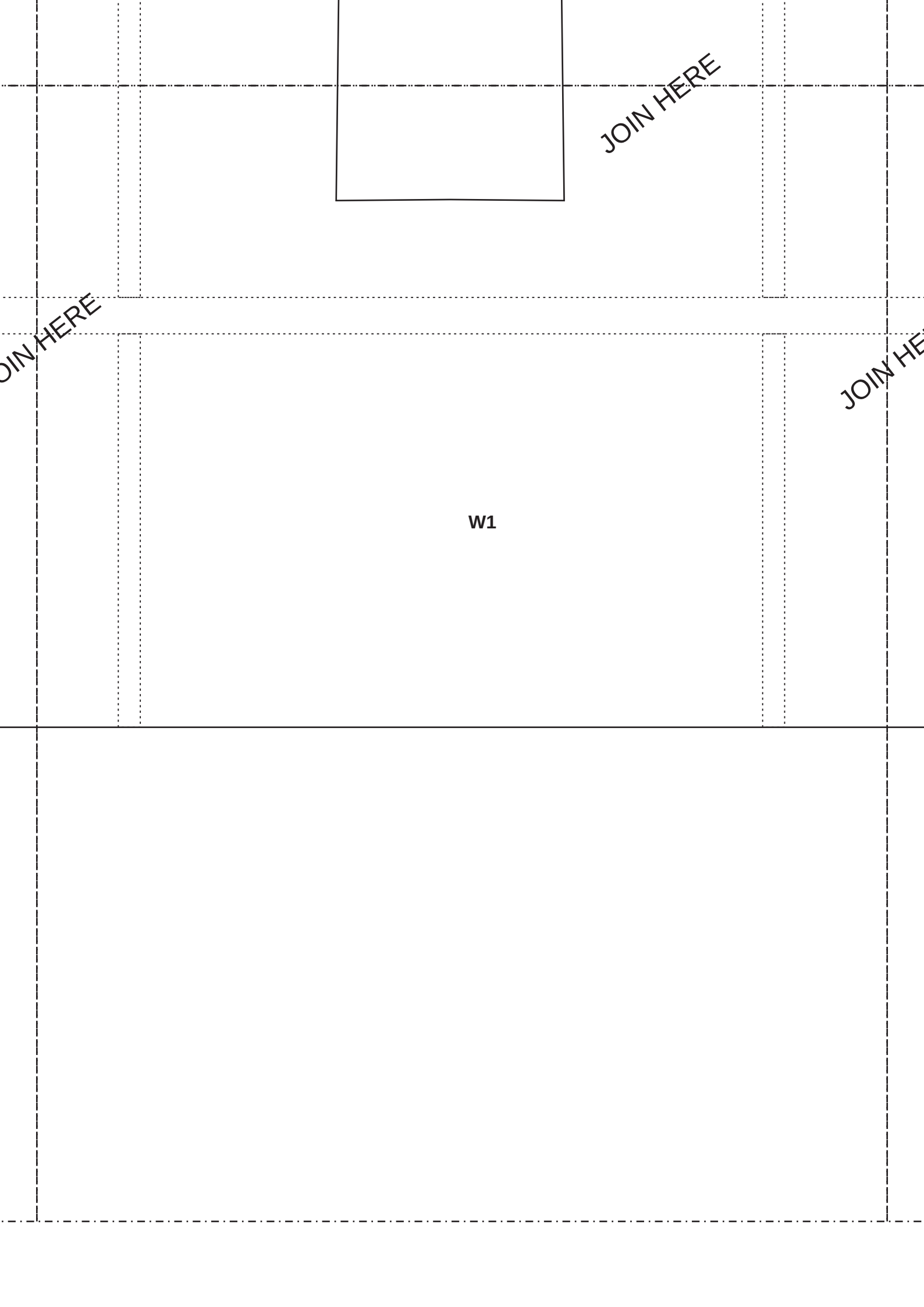
W1

JOIN HERE

HERE

JOIN HERE

W1



JOIN HERE

JOIN HERE

JOIN HERE

W1

JOIN HERE

JOIN HERE

JOIN HERE

W1

JOIN HERE



JOIN HERE

W1

W4

MIDDLE WING
FORMER
POLYFOAM/
DEPRON 5MM
2X



JOIN HERE

W6

MIDDLE WING
FORMER
POLYFOAM/
DEPRON 5MM
6X



W5

MIDDLE WING
FORMER
POLYFOAM/
DEPRON 5MM
6X



W7

MIDDLE WING
FORMER
POLYFOAM/
DEPRON 5MM
6X



JOIN HERE



W4



W8/9/32

WING JOINER
3MM PLYWOOD
6X



W10/11/34

WING JOINER
3MM PLYWOOD
6X



W33

WING JOINER
3MM PLYWOOD
2X



W35

WING JOINER
3MM PLYWOOD
2X

G2

MAIN LG
3MM PLYWOOD
AND
10MM EVA FOAM
2X

W13
OUTER WING
POLYFOAM/
DEPRON 5MM
2X MIRRORED

W28
OUTER WING
POLYFOAM/
DEPRON 5MM
2X MIRRORED

W22
OUTER WING
POLYFOAM/
DEPRON 5MM
2X MIRRORED

W23
OUTER WING
POLYFOAM/
DEPRON 5MM
2X MIRRORED

W16
OUTER WING
POLYFOAM/
DEPRON 5MM
2X MIRRORED

W17
OUTER WING
POLYFOAM/
DEPRON 5MM
2X MIRRORED

W25
OUTER WING
POLYFOAM/
DEPRON 5MM
2X MIRRORED

W27
OUTER WING
POLYFOAM/
DEPRON 5MM
2X MIRRORED

W21
OUTER WING
POLYFOAM/
DEPRON 5MM
2X MIRRORED

JOIN HERE

JOIN HERE

W27 OUTER WING
POLYFOAM/
DEPRON 5MM
2X MIRRORED

W21 OUTER WING
POLYFOAM/
DEPRON 5MM
2X MIRRORED

W13



W31A OUTER WING
POLYFOAM/
DEPRON 5MM
2X MIRRORED

W18
OUTER WING
POLYFOAM/
DEPRON 5MM
2X MIRRORED

W19
OUTER WING
POLYFOAM/
DEPRON 5MM
2X MIRRORED

W31B

W29 OUTER WING
POLYFOAM/
DEPRON 5MM
2X MIRRORED

W20
OUTER WING
POLYFOAM/
DEPRON 5MM
2X MIRRORED

W30 OUTER WING
POLYFOAM/
DEPRON 5MM
2X MIRRORED

W26
OUTER WING
POLYFOAM/
DEPRON 5MM
2X MIRRORED

W31 OUTER WING
POLYFOAM/
DEPRON 5MM
2X MIRRORED

JOIN HERE

W14

JOIN HERE

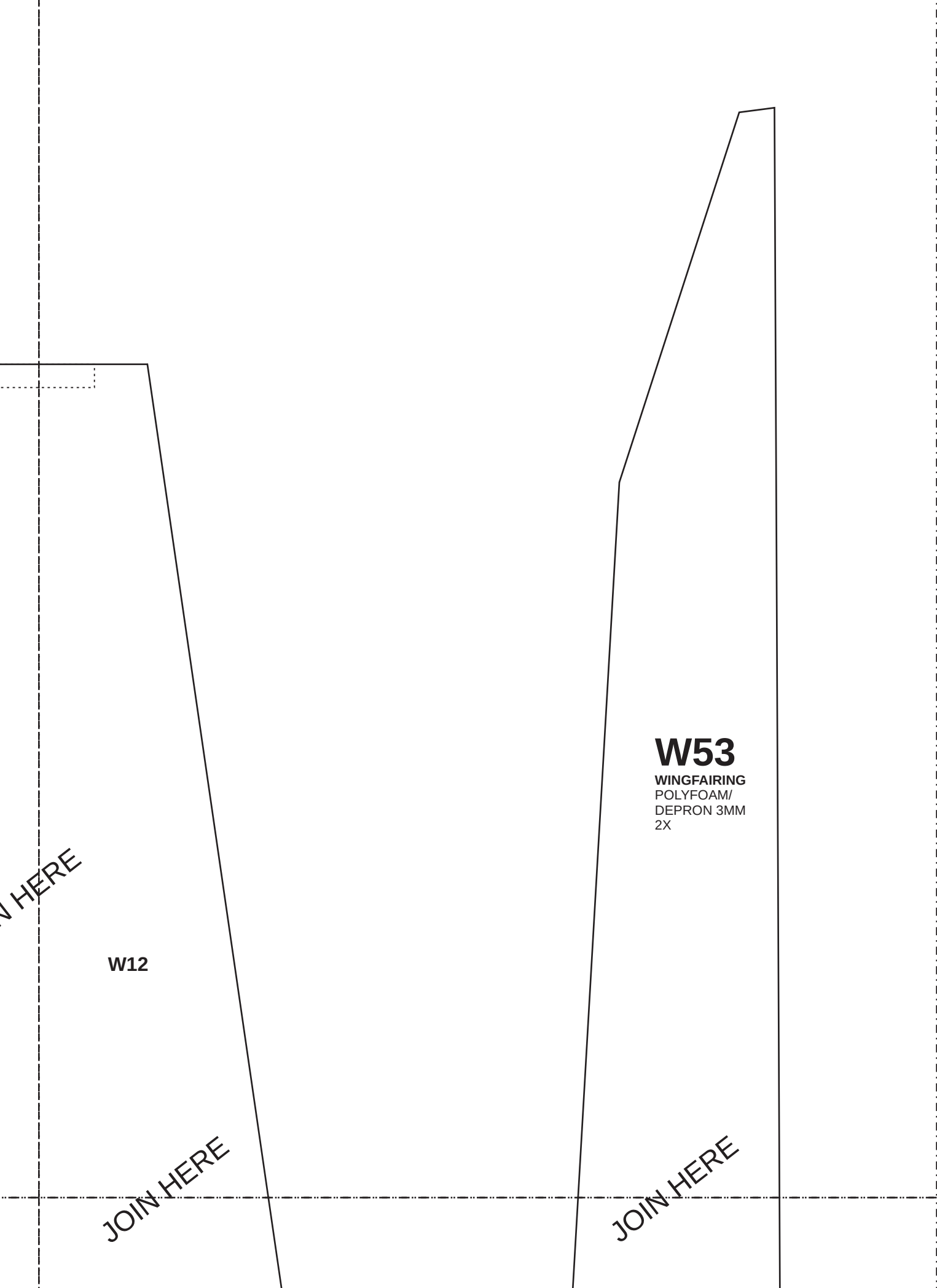
W15

W12

OUTER WING
POLYFOAM/
DEPRON 5MM
2X MIRRORED

JOIN HERE

JOIN HERE



JOIN HERE

W12

JOIN HERE

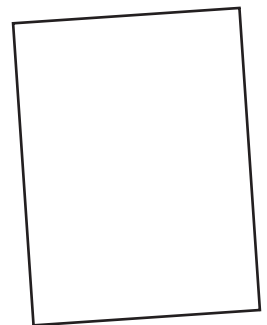
W53
WINGFAIRING
POLYFOAM/
DEPRON 3MM
2X

JOIN HERE

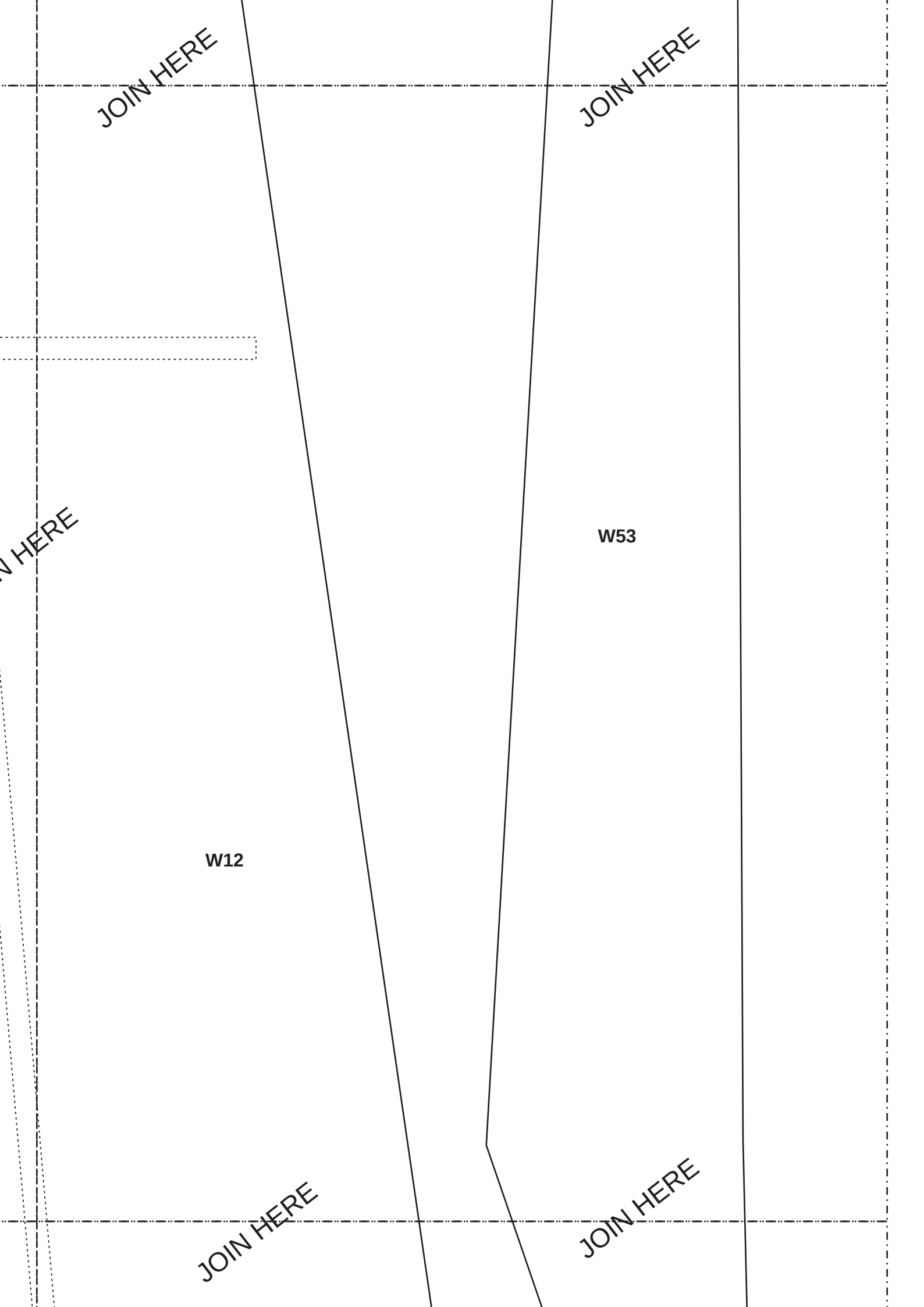
JOIN HERE

JOIN HERE

W12



JOIN HERE



JOIN HERE

JOIN HERE

JOIN HERE

W53

W12

JOIN HERE

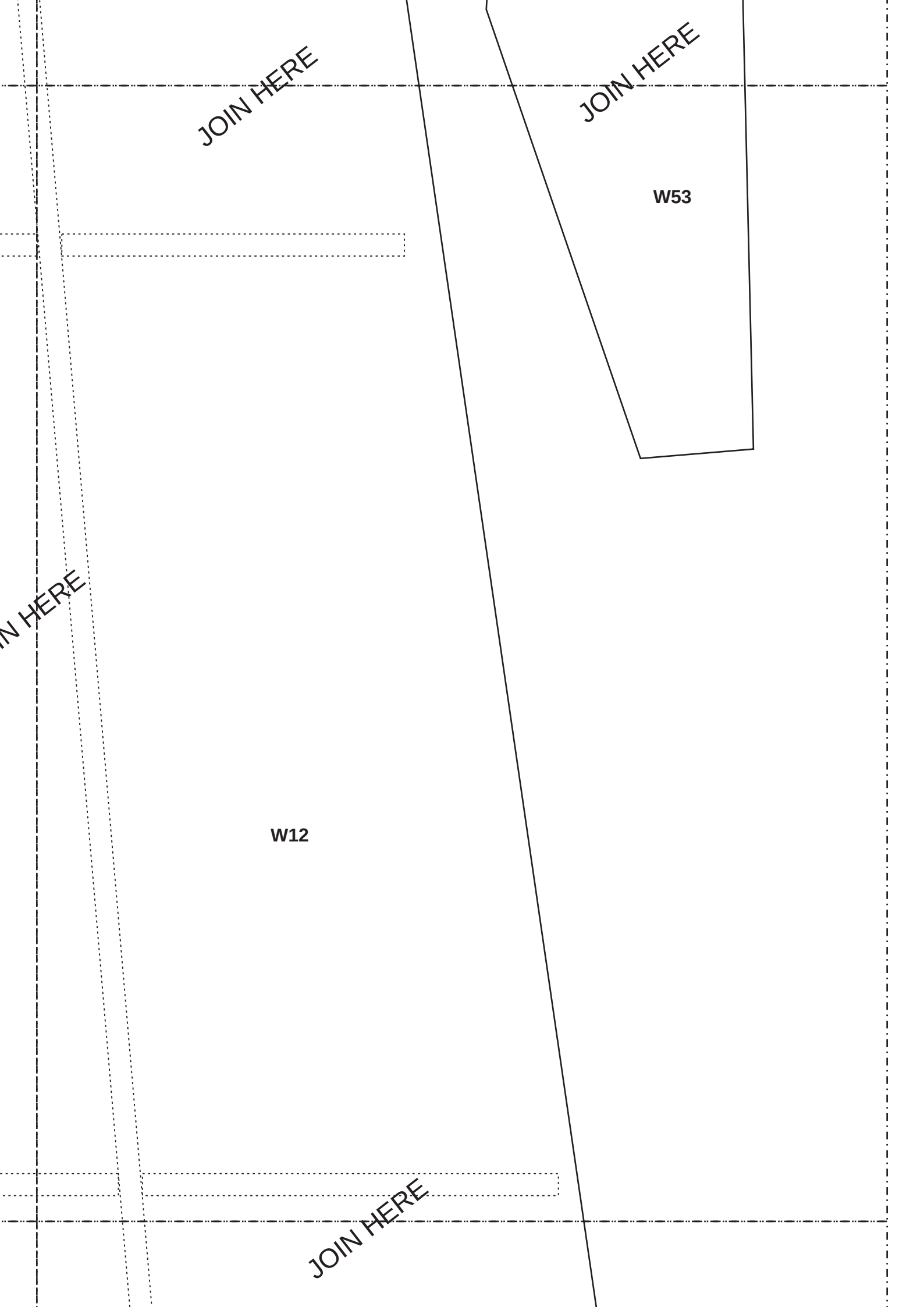
JOIN HERE

JOIN HERE

JOIN HERE

W12

JOIN HERE



JOIN HERE

JOIN HERE

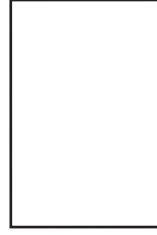
W53

W12

JOIN HERE

JOIN HERE

JOIN HERE



JOIN HERE

W12

JOIN HERE

JOIN HERE

JOIN HERE

W12

JOIN HERE

JOIN HERE

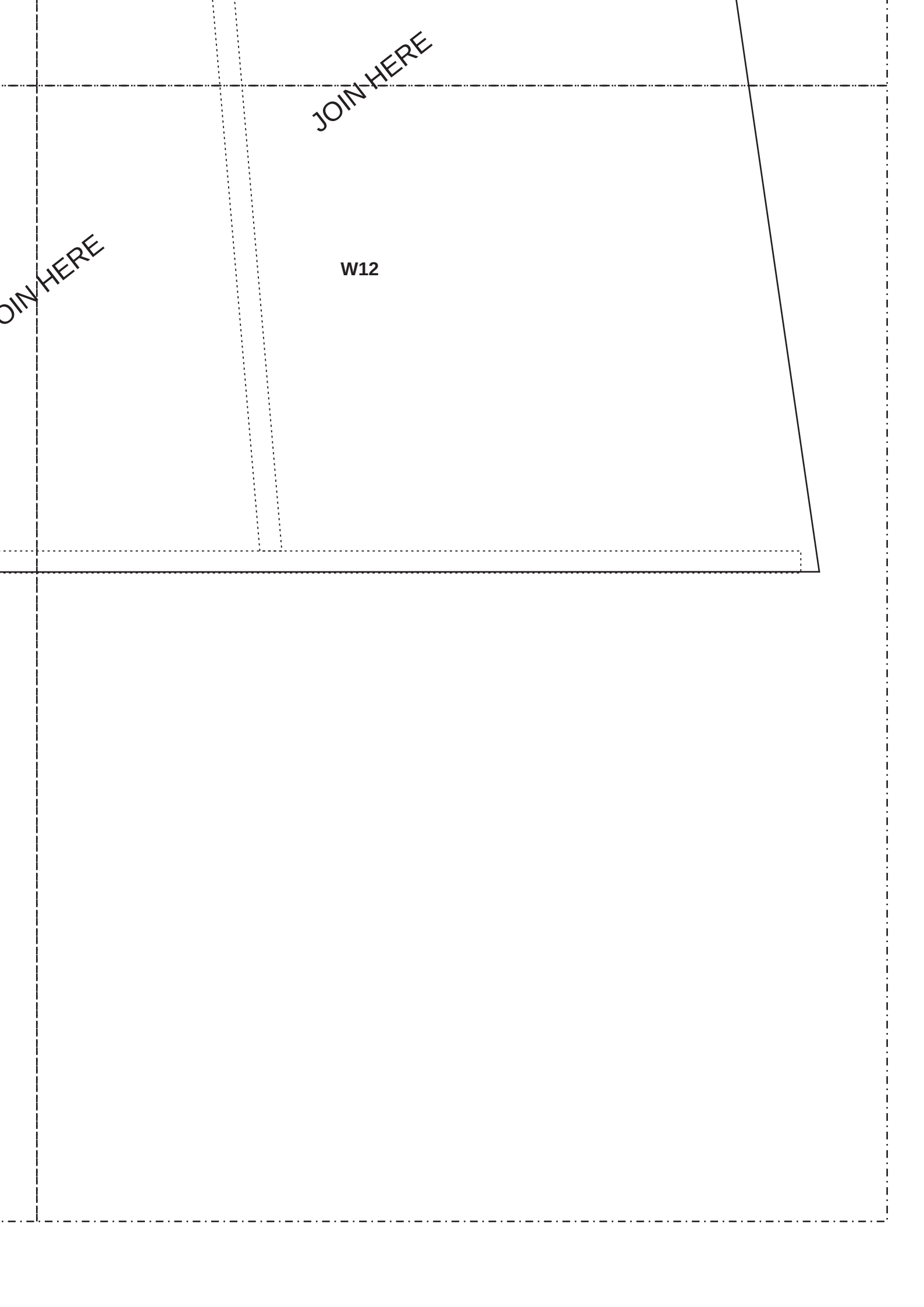
W12

JOIN HERE

W38

FIREWALL
3MM PLYWOOD
8X





JOIN HERE

JOIN HERE

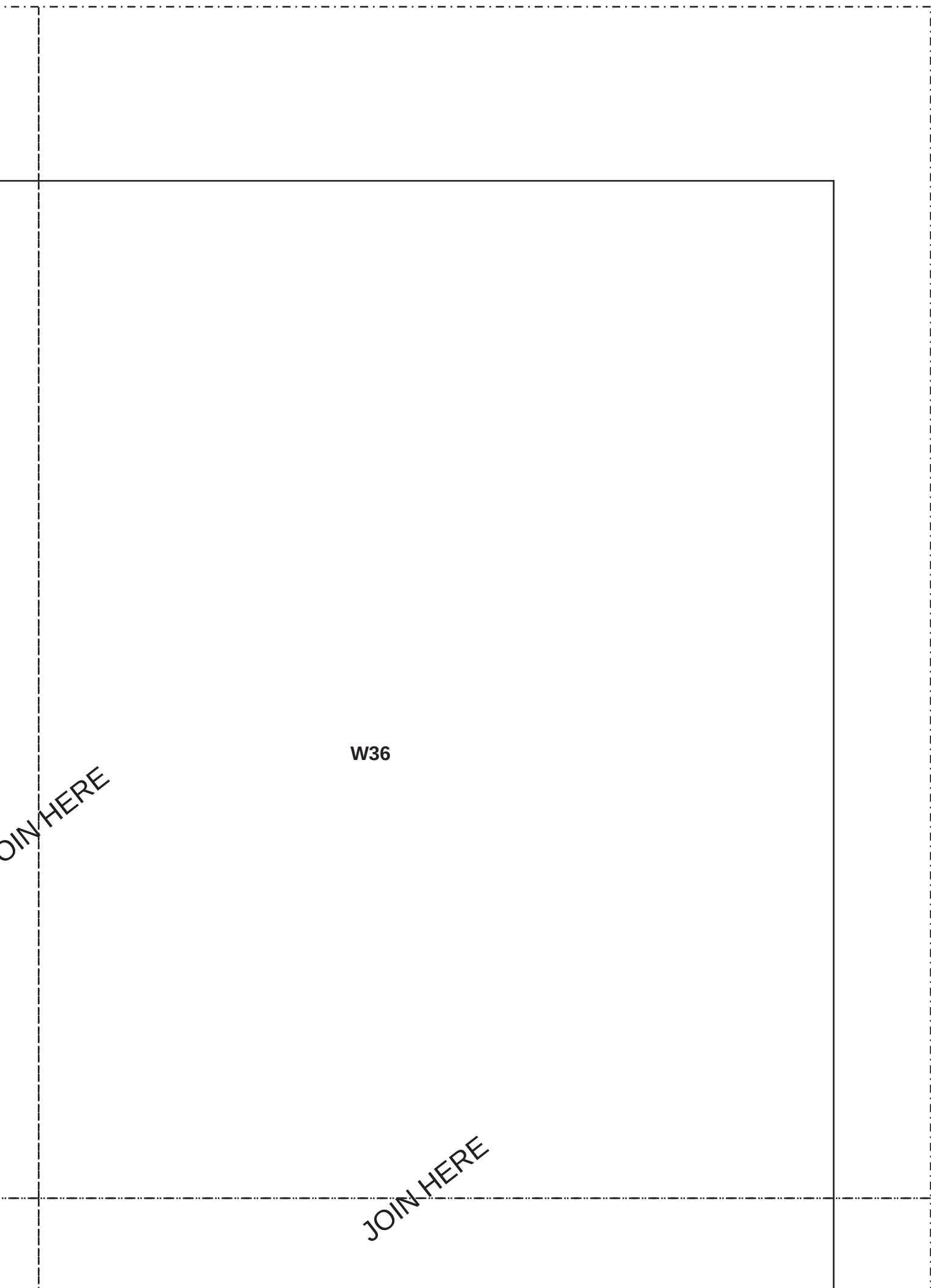
W12

W36

MIDDLE WING
POLYFOAM/
DEPRON 5MM

JOIN HERE

JOIN HERE



W36

JOIN HERE

JOIN HERE

JOIN HERE

W36

JOIN HERE

JOIN HERE

JOIN HERE

JOIN HERE

W36

JOIN HERE

JOIN HERE

W36

JOIN HERE

JOIN HERE

JOIN HERE

JOIN HERE

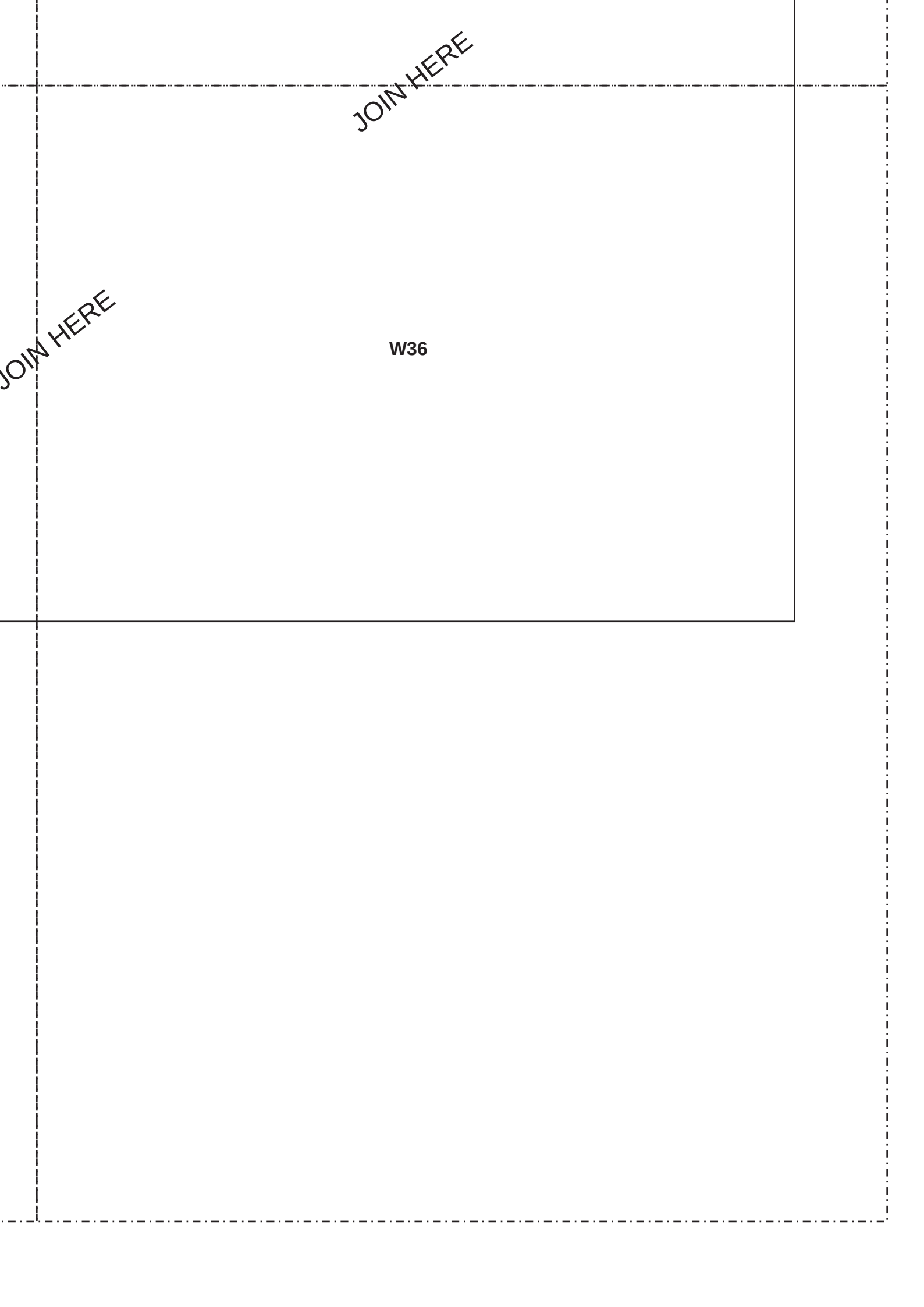
W36

JOIN HERE

JOIN HERE

W36

JOIN HERE



JOIN HERE

JOIN HERE

W36

W39

ENGINE
POLYFOAM/
DEPRON 5MM
4X MIRRORED

W40

ENGINE
POLYFOAM/
DEPRON 5MM
4X MIRRORED

JOIN HERE

W39

JOIN HERE

W39

W42

ENGINE
POLYFOAM/
DEPRON 5MM
8X MIRRORED

W43

ENGINE
POLYFOAM/
DEPRON 5MM
8X MIRRORED



W41

ENGINE
POLYFOAM/
DEPRON 5MM
4X MIRRORED

JOIN HERE

JOIN HERE

W41

W44

ENGINE
POLYFOAM/
DEPRON 5MM
4X MIRRORED

W37

OUTER WING
POLYFOAM/
DEPRON 5MM
2X MIRRORED

JOIN HERE

JOIN HERE

JOIN HERE

W37

JOIN HERE

JOIN HERE

W37

JOIN HERE

JOIN HERE

JOIN HERE

W37

JOIN HERE

JOIN HERE

JOIN HERE

JOIN HERE

W37

JOIN HERE

JOIN HERE

IN HERE

W37

AILERON

JOIN HERE

JOIN HERE

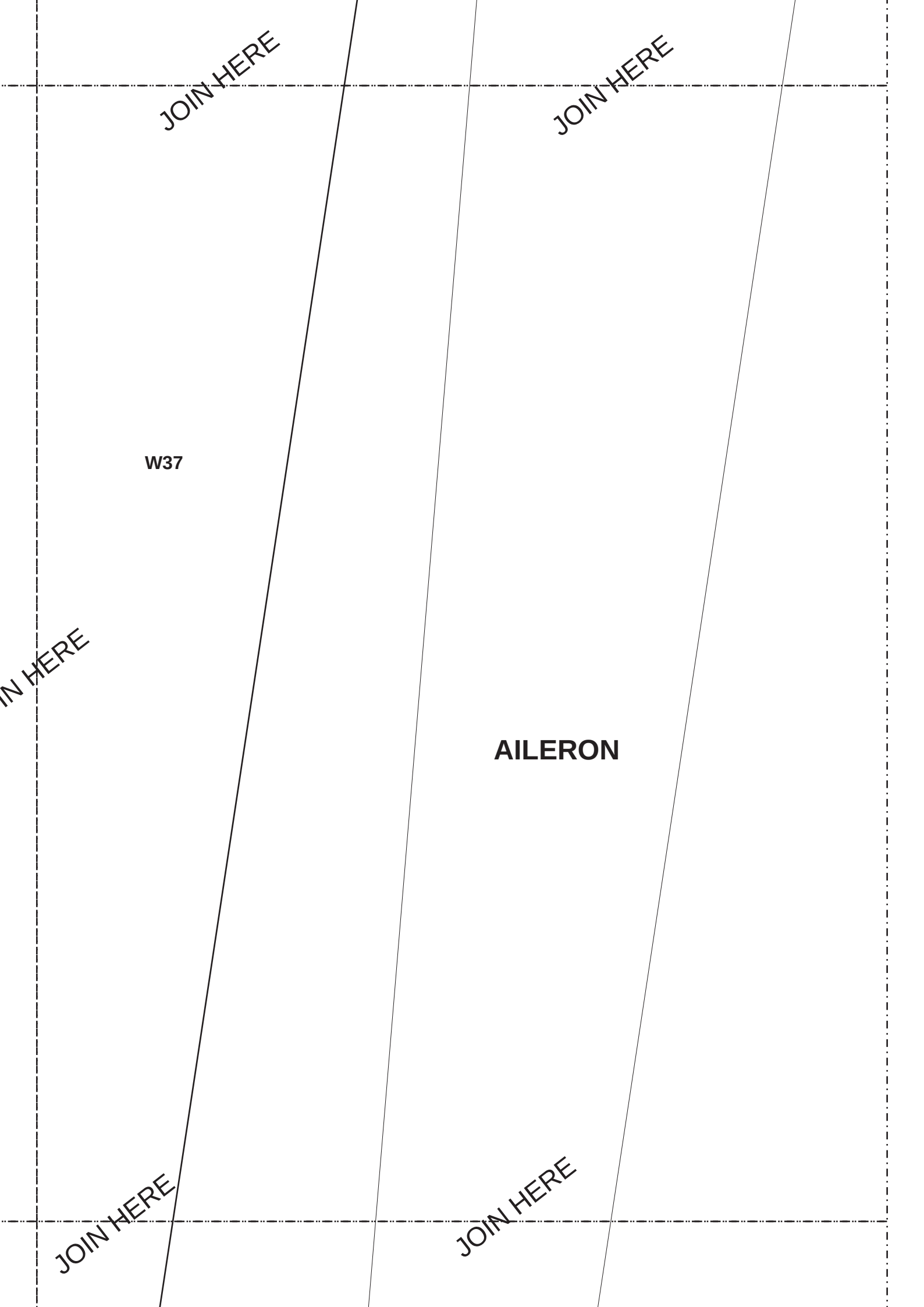
JOIN HERE

W37

JOIN HERE

JOIN HERE

JO



JOIN HERE

JOIN HERE

W37

JOIN HERE

AILERON

JOIN HERE

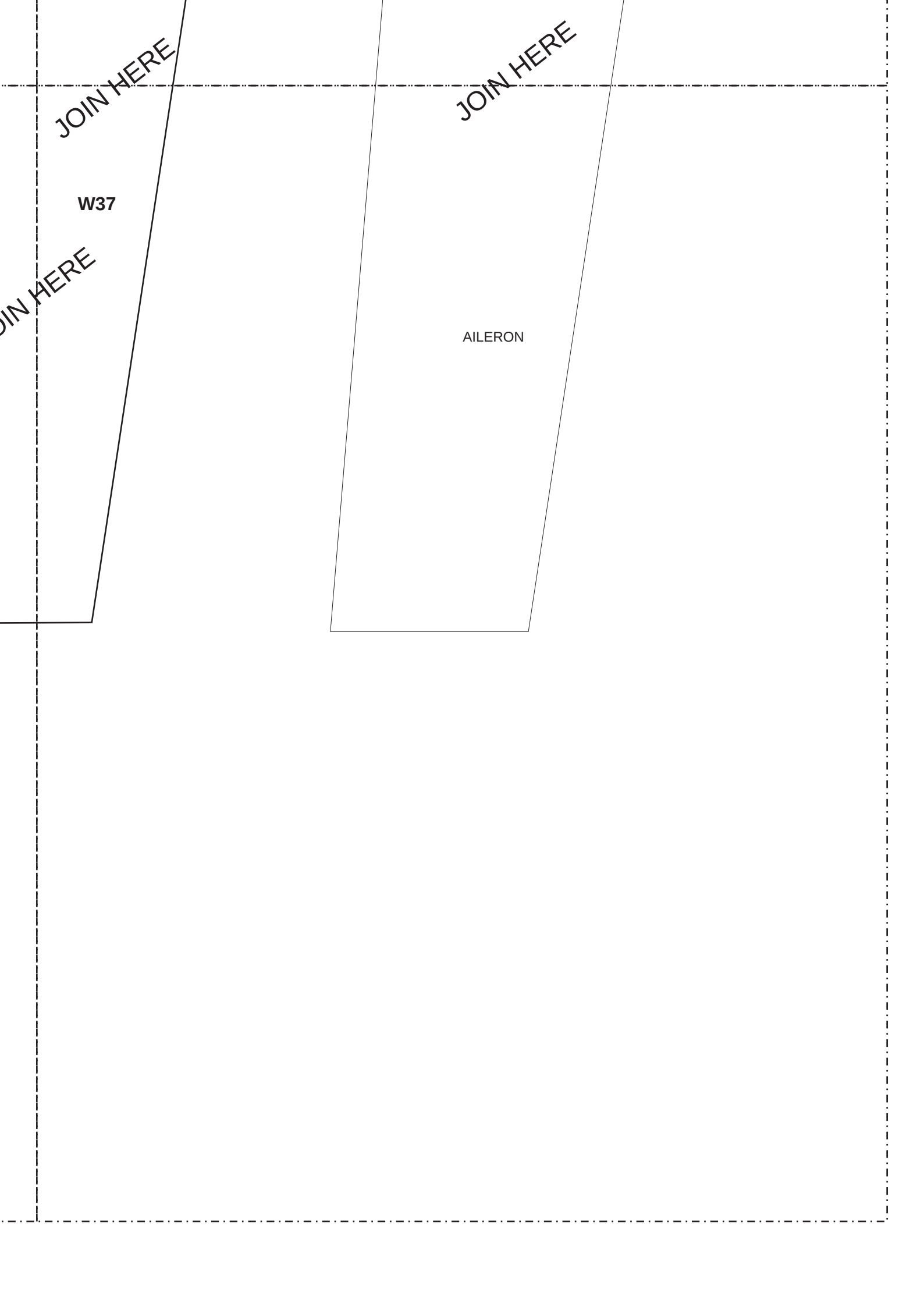
JOIN HERE

JOIN HERE

JO

JOIN HER

W37



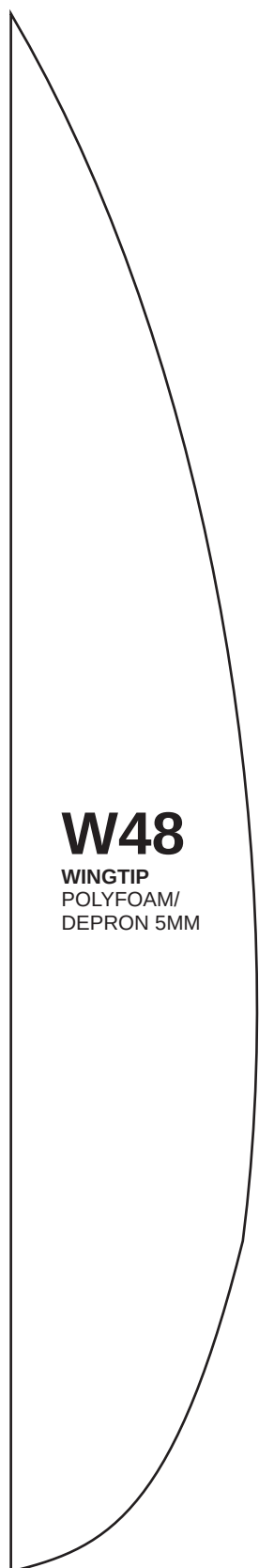
JOIN HERE

W37

JOIN HERE

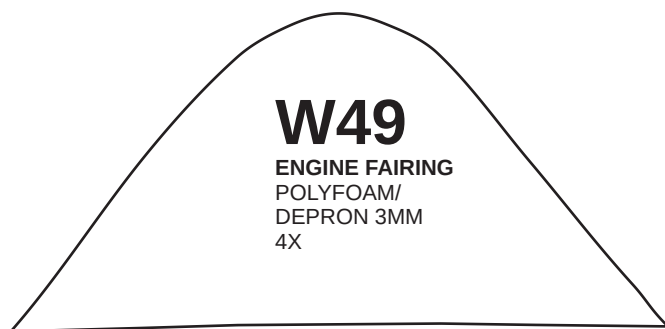
JOIN HERE

AILERON



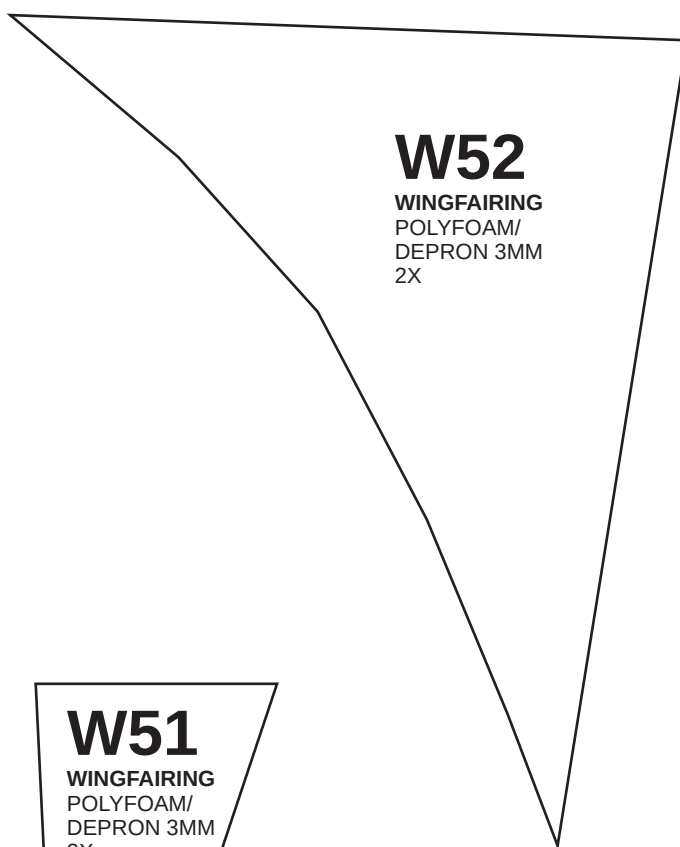
W48

WINGTIP
POLYFOAM/
DEPRON 5MM



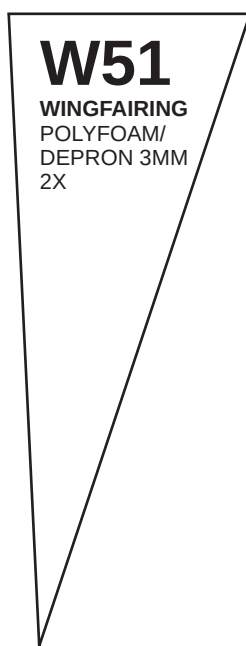
W49

ENGINE FAIRING
POLYFOAM/
DEPRON 3MM
4X



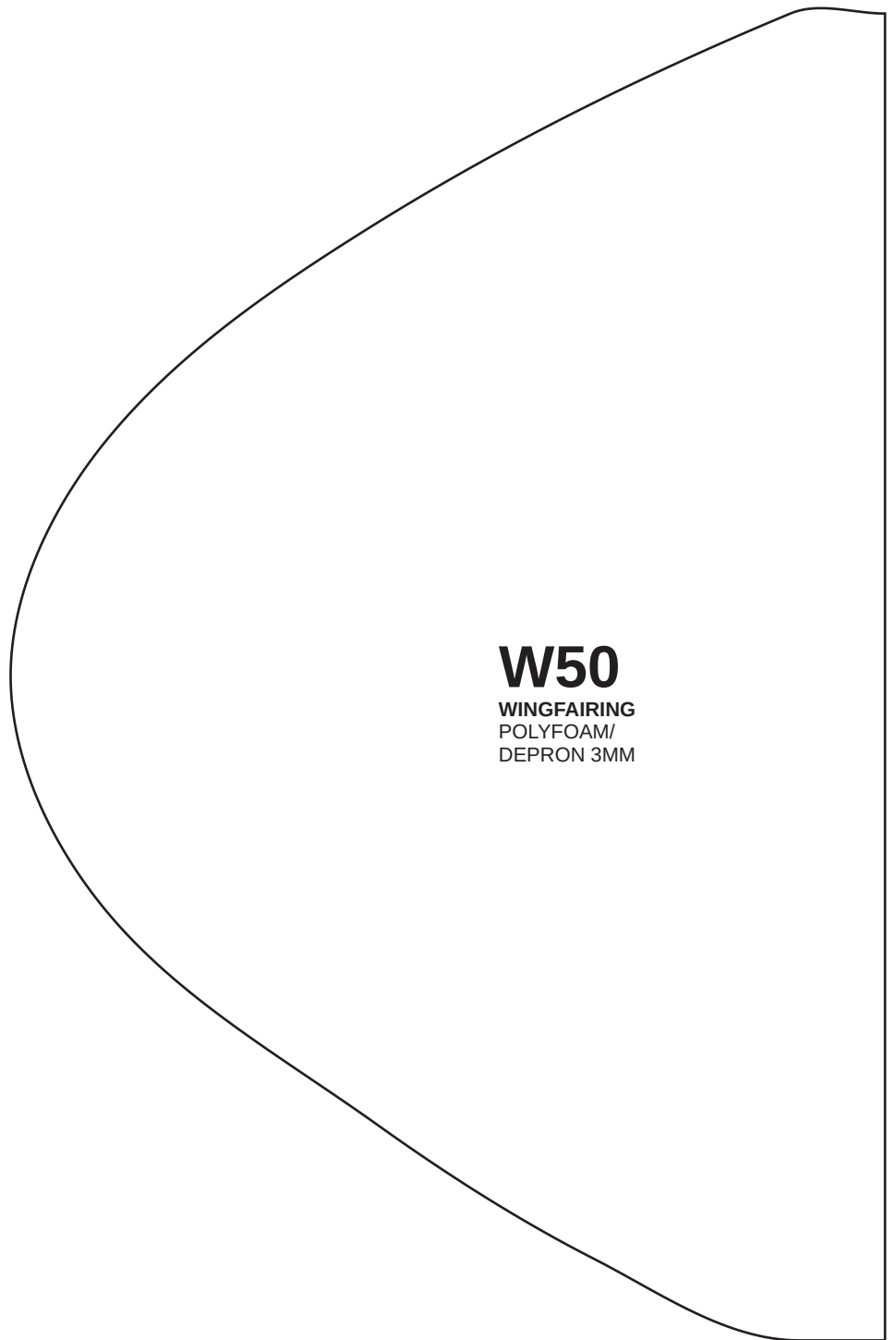
W52

WINGFAIRING
POLYFOAM/
DEPRON 3MM
2X



W51

WINGFAIRING
POLYFOAM/
DEPRON 3MM
2X

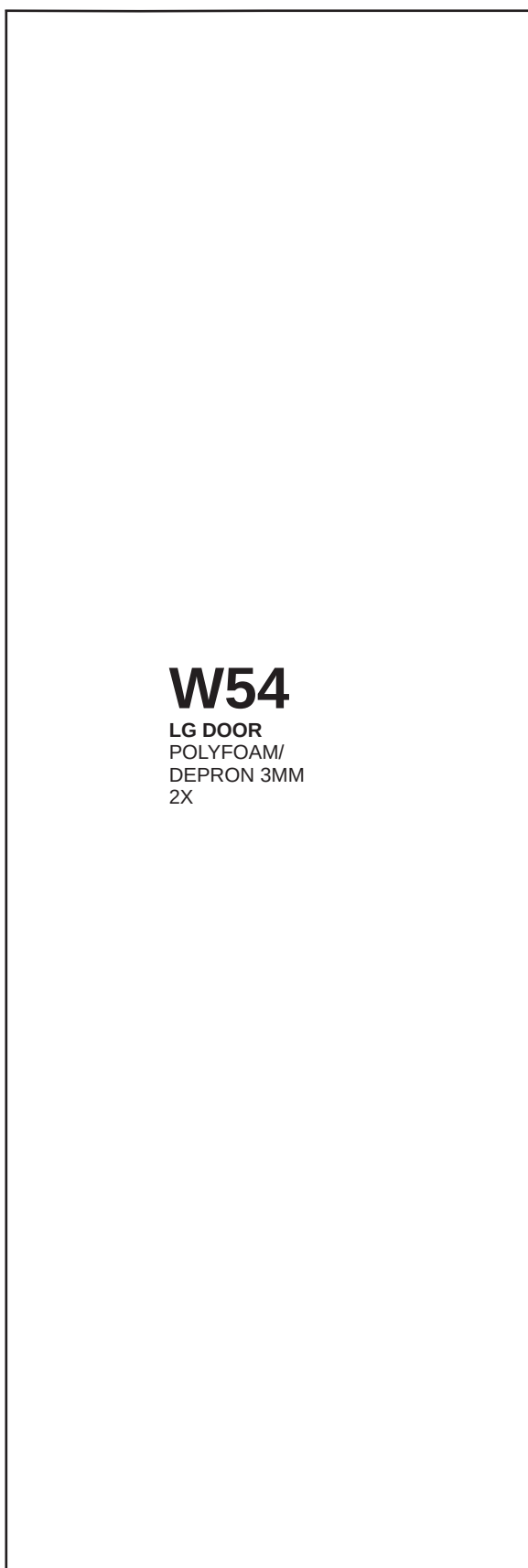


W50

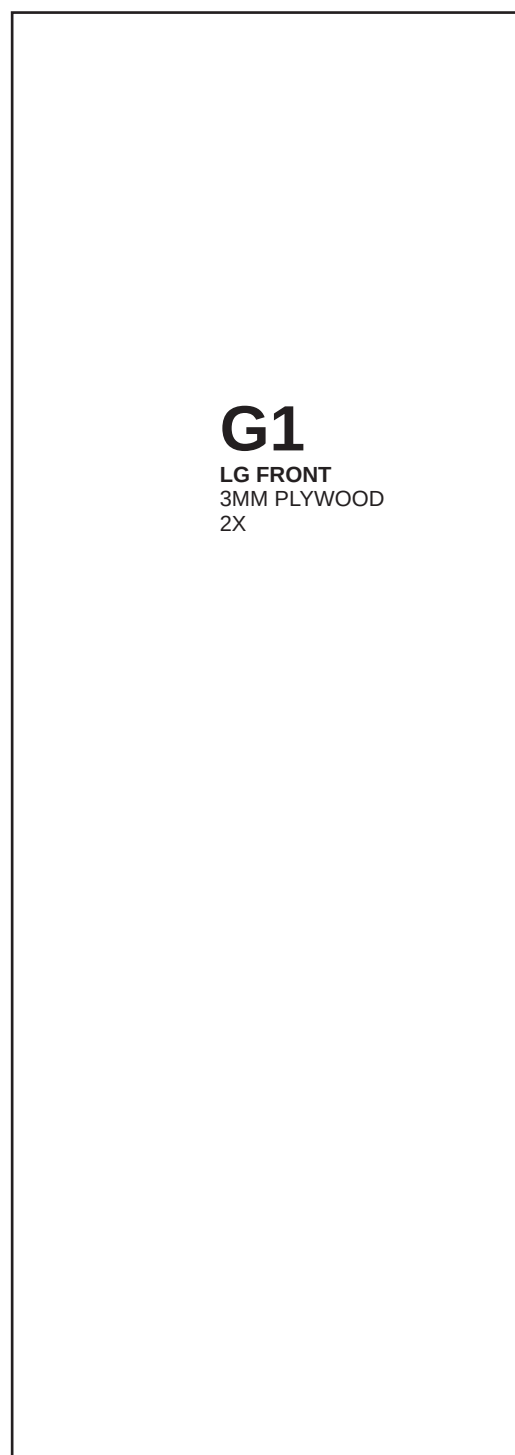
WINGFAIRING
POLYFOAM/
DEPRON 3MM



W55
LG DOOR
POLYFOAM/
DEPRON 3MM
4X



W54
LG DOOR
POLYFOAM/
DEPRON 3MM
2X



G1
LG FRONT
3MM PLYWOOD
2X

