

Model : 53/2024



Cartoon Cessna 182

1200 mm

Specs with ballast (battery on the front) :

1. Wingspan 1200mm / 47.2 inches
2. Flying weight : 1200 grams/ 42.3 oz/ 2.64 lbs
3. Wing loading : 48.5 gram/dm² - 15.9 oz/sq.ft.
4. Wing cube loading : 9.8 (Aerobatic)
5. Wing Area : 24.74 dm² / 383 sq.in.
6. CG : Wing Spar

Specs without ballast (battery on the tail) :

1. Wingspan 1200mm / 47.2 inches
2. Flying weight : 1000 grams/ 35.3 oz/ 2.2 lbs
3. Wing loading : 40.4 gram/dm² - 13.3 oz/sq.ft.
4. Wing cube loading : 8.1 (Trainer)
5. Wing Area : 24.74 dm² / 383 sq.in.
6. CG : Wing Spar

Electronics

- DXW 3536 1200kv Brushless motor
- 11x5 prop
- 40A-50A ESC
- 3-4S 2200mah Lipo Battery
- 4x 9 gram servo

Transmitter

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

Materials :

1. 6mm Foamboard/ Depron/ Polyfoam
2. Bamboo Chopstik
3. 4mm Carbon Tube/ Bamboo
4. 0.5mm Mica Plastic
5. hot glue, UHU glue, CA glue, PVA glue
6. Packing tapes
7. Elastic band (1.5 meters/ 5 ft)

Build Instructions :

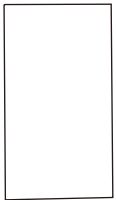
1. paper-replika.com
2. youtube channel : Julius Perdana

W2

WING FORMER
POLYFOAM/
DEPRON 5MM
6X MIRRORED

W1

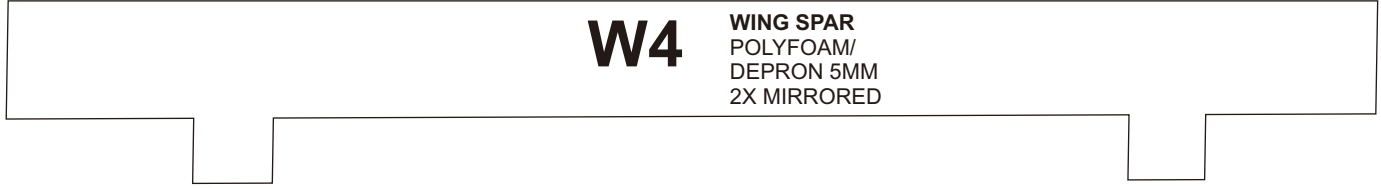
WING BASE
POLYFOAM/
DEPRON 5MM
2X MIRRORED





W3

WING SPAR
POLYFOAM/
DEPRON 5MM
2X MIRRORED



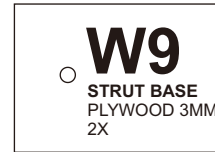
W4

WING SPAR
POLYFOAM/
DEPRON 5MM
2X MIRRORED



W8

WING SPAR
POLYFOAM/
DEPRON 5MM
2X MIRRORED



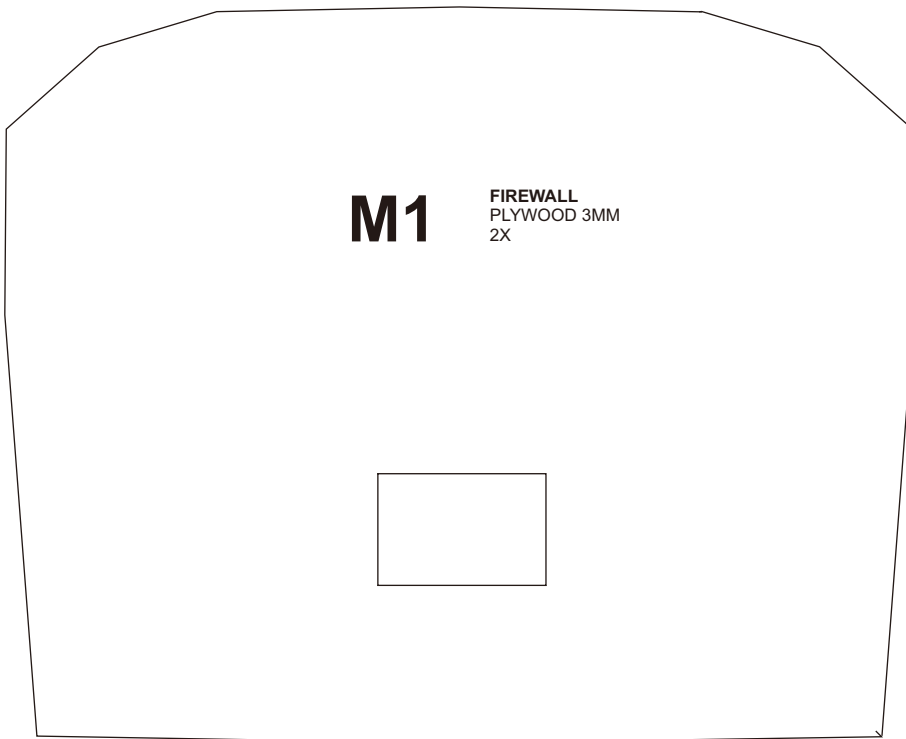
W9

STRUT BASE
PLYWOOD 3MM
2X



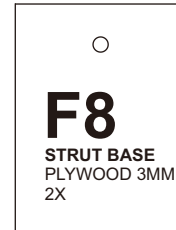
W12

WING TIP
POLYFOAM/
DEPRON 5MM
10X



M1

FIREWALL
PLYWOOD 3MM
2X



F8

STRUT BASE
PLYWOOD 3MM
2X



FRONT

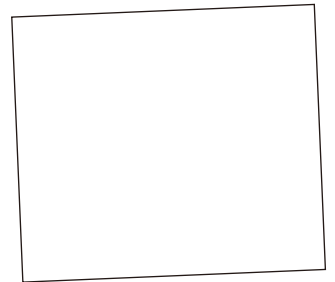
W5

**WING TOP
POLYFOAM/
DEPRON 5MM
2X MIRRORED**

JOIN HERE

W6

WING BASE
POLYFOAM/
DEPRON 5MM
2X MIRRORED



W7

WING FORMER
POLYFOAM/
DEPRON 5MM
2X MIRRORED

JOIN HERE

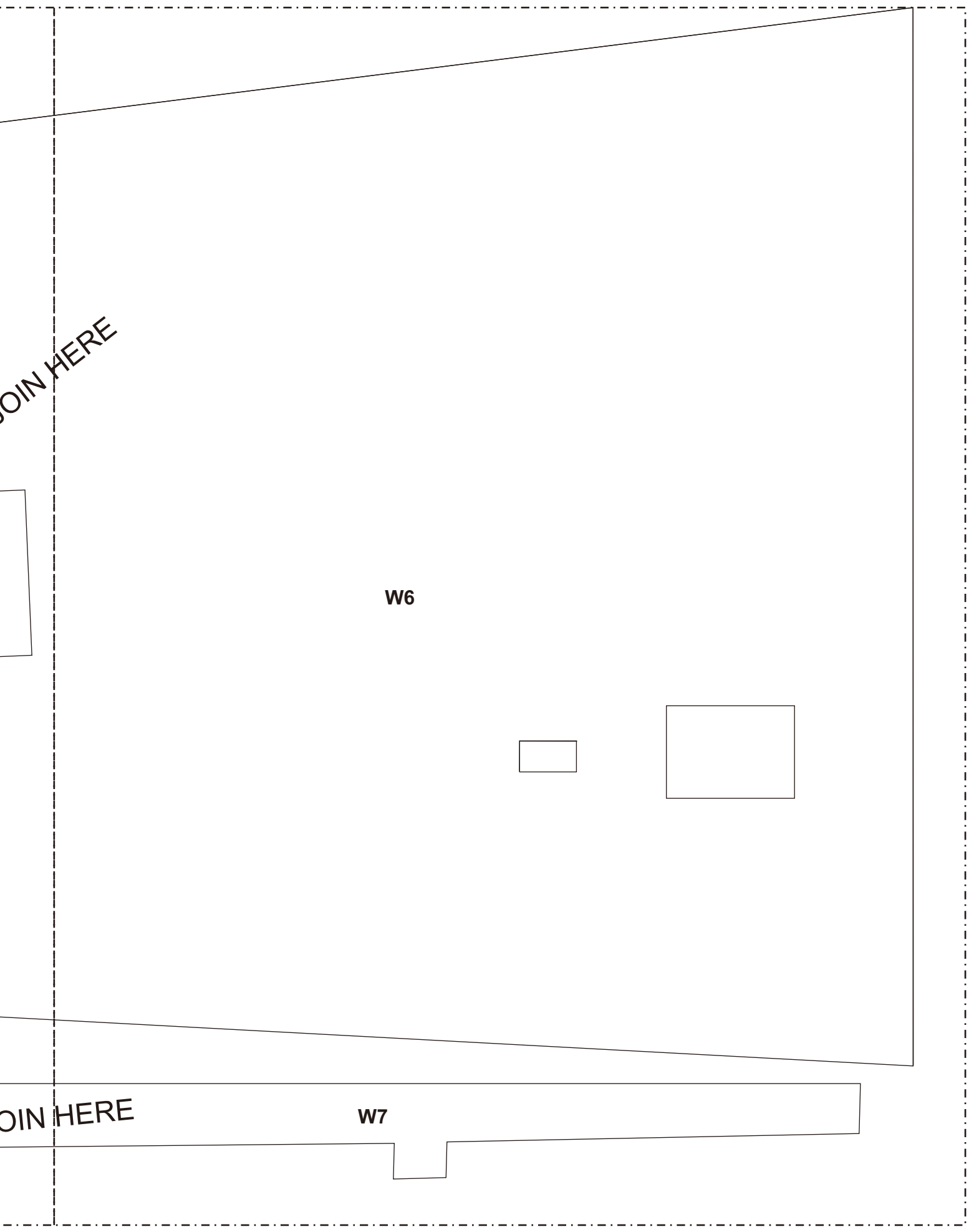


JOIN HERE

W6

JOIN HERE

W7



W10

WING TOP
POLYFOAM/
DEPRON 5MM
2X MIRRORED

JOIN HERE

W11

WING JOINER
PLYWOOD 3MM
2X

JOIN HERE

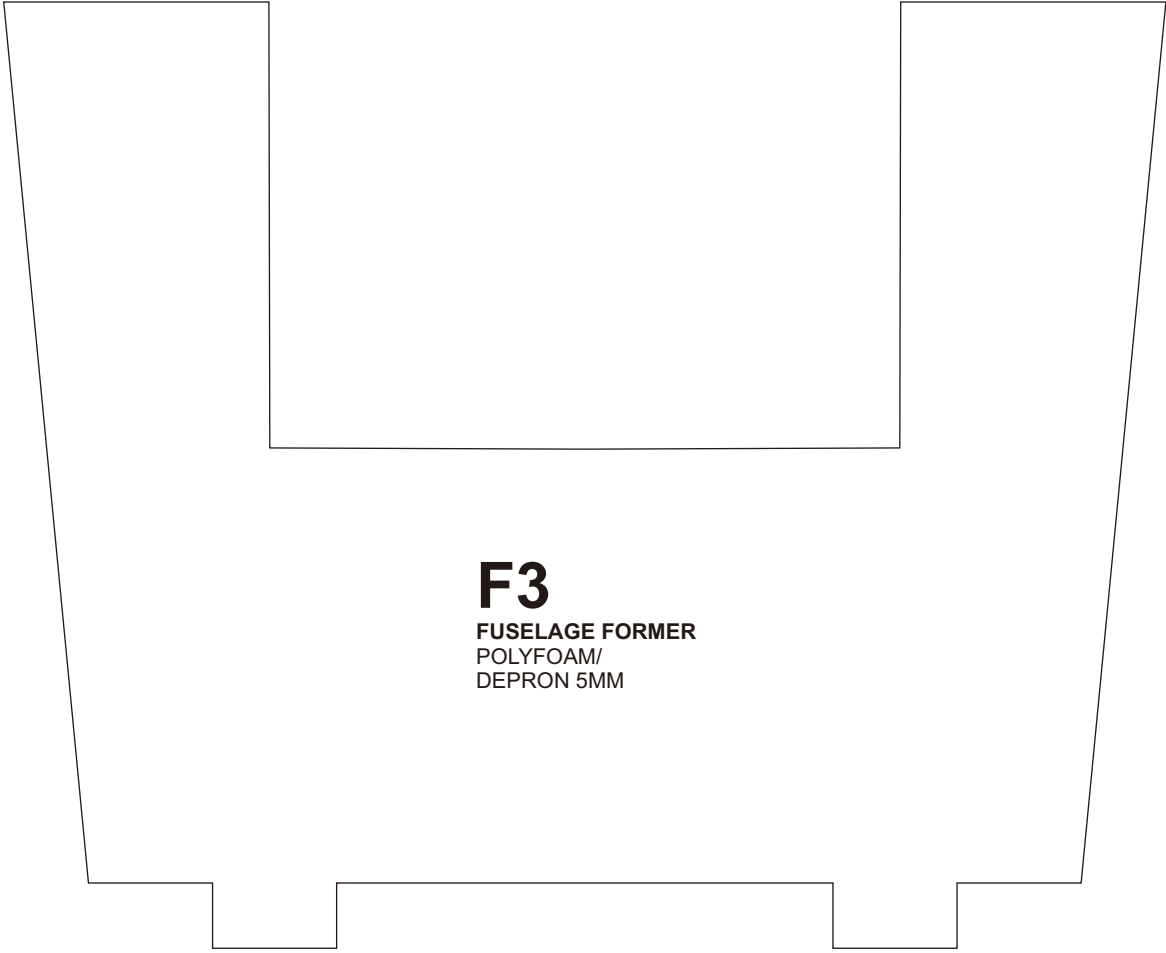
JOIN HERE

W10

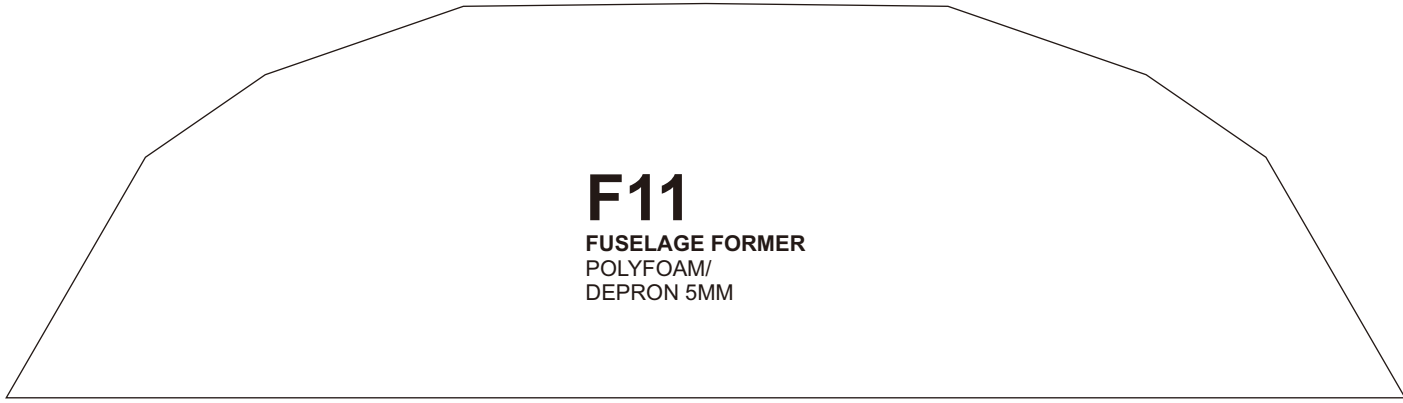
JOIN HERE

W11

JOIN HER



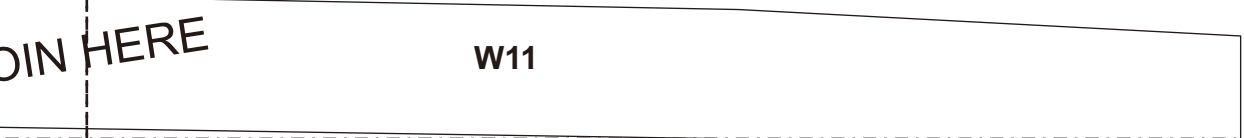
F3
FUSELAGE FORMER
POLYFOAM/
DEPRON 5MM



F11
FUSELAGE FORMER
POLYFOAM/
DEPRON 5MM

JOIN HERE

W11



G4

WHEEL PANTS
POLYFOAM/
DEPRON 5MM
4X MIRRORED

F9

BATTERY TRAY
POLYFOAM/
DEPRON 5MM

F1

FUSELAGE
POLYFOAM/
DEPRON 5MM

JOIN HERE

JOIN HERE

G7

WHEEL PANTS
POLYFOAM/
DEPRON 5MM
3X

F1

G8

WHEEL PANTS
POLYFOAM/
DEPRON 5MM - 3X

JOIN HERE

JOIN HERE

G6

WHEEL PANTS
POLYFOAM/
DEPRON 5MM
3X

F1

G5

WHEEL PANTS
POLYFOAM/
DEPRON 5MM
2X MIRRORED

F7

FUSELAGE FORMER
POLYFOAM/
DEPRON 5MM

F10

BATTERY TRAY
POLYFOAM/
DEPRON 5MM
2X

F2

FUSELAGE
POLYFOAM/
DEPRON 5MM
2X MIRRORED

JOIN HERE

JOIN HERE

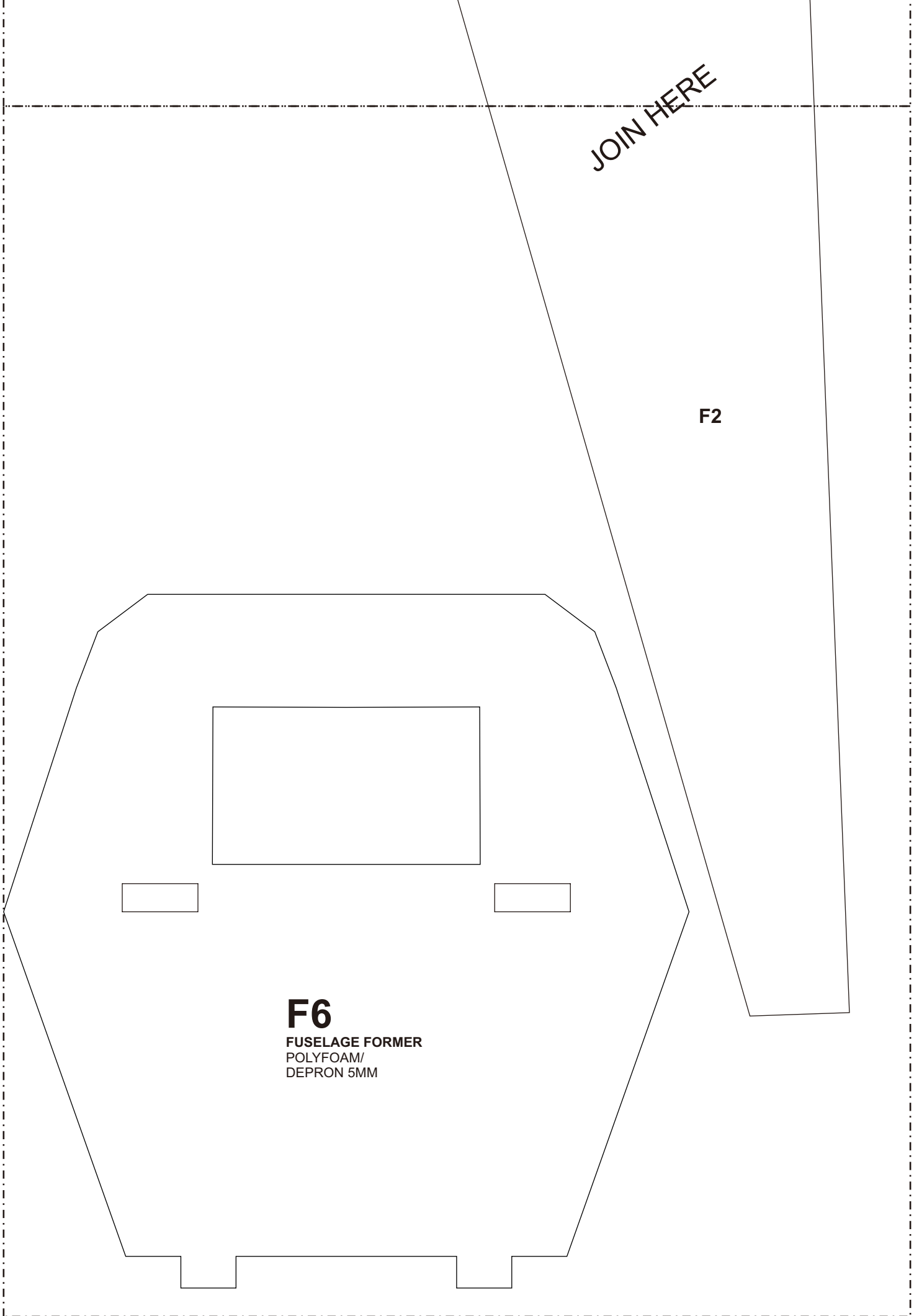
F2

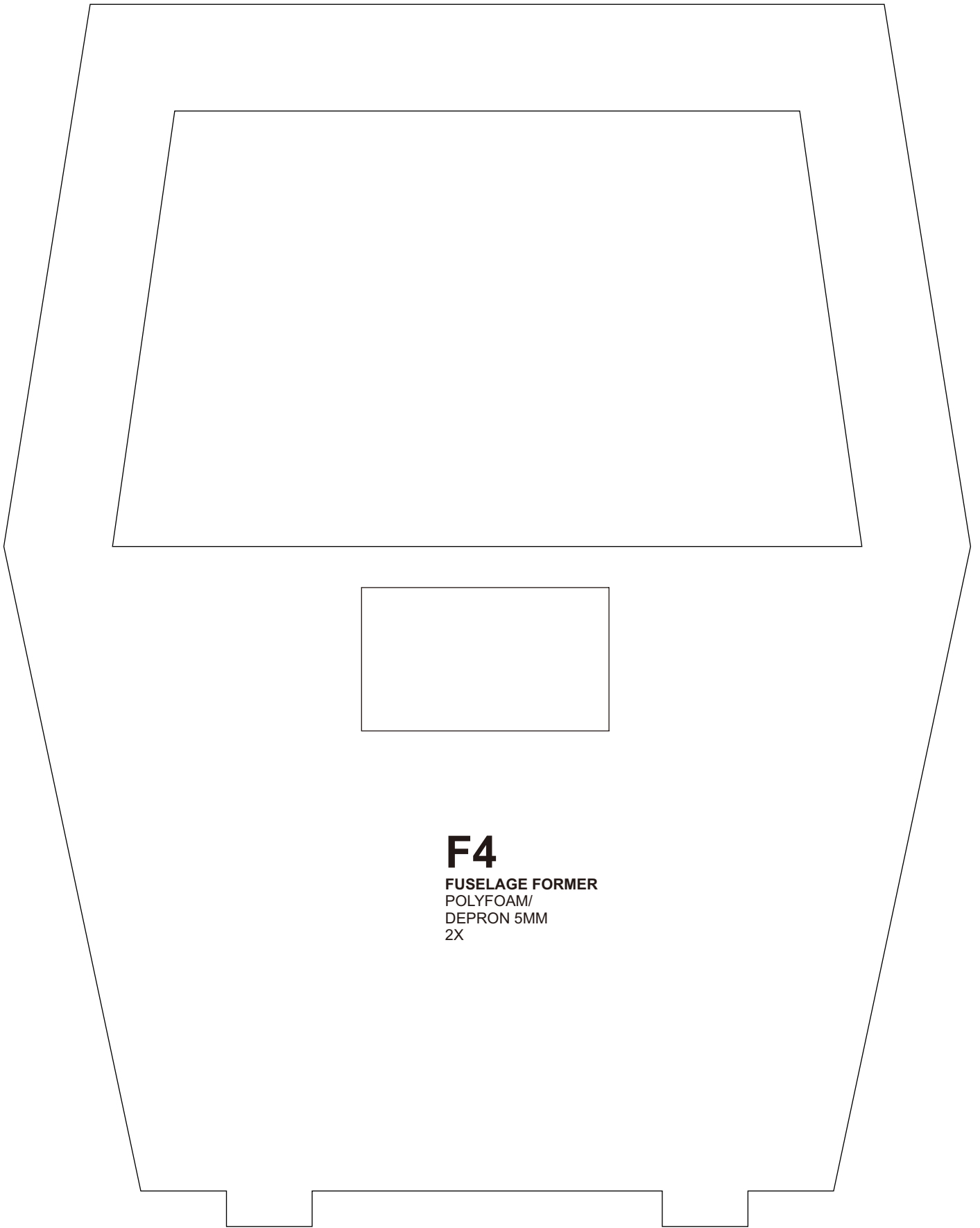
JOIN HERE

JOIN HERE

F2

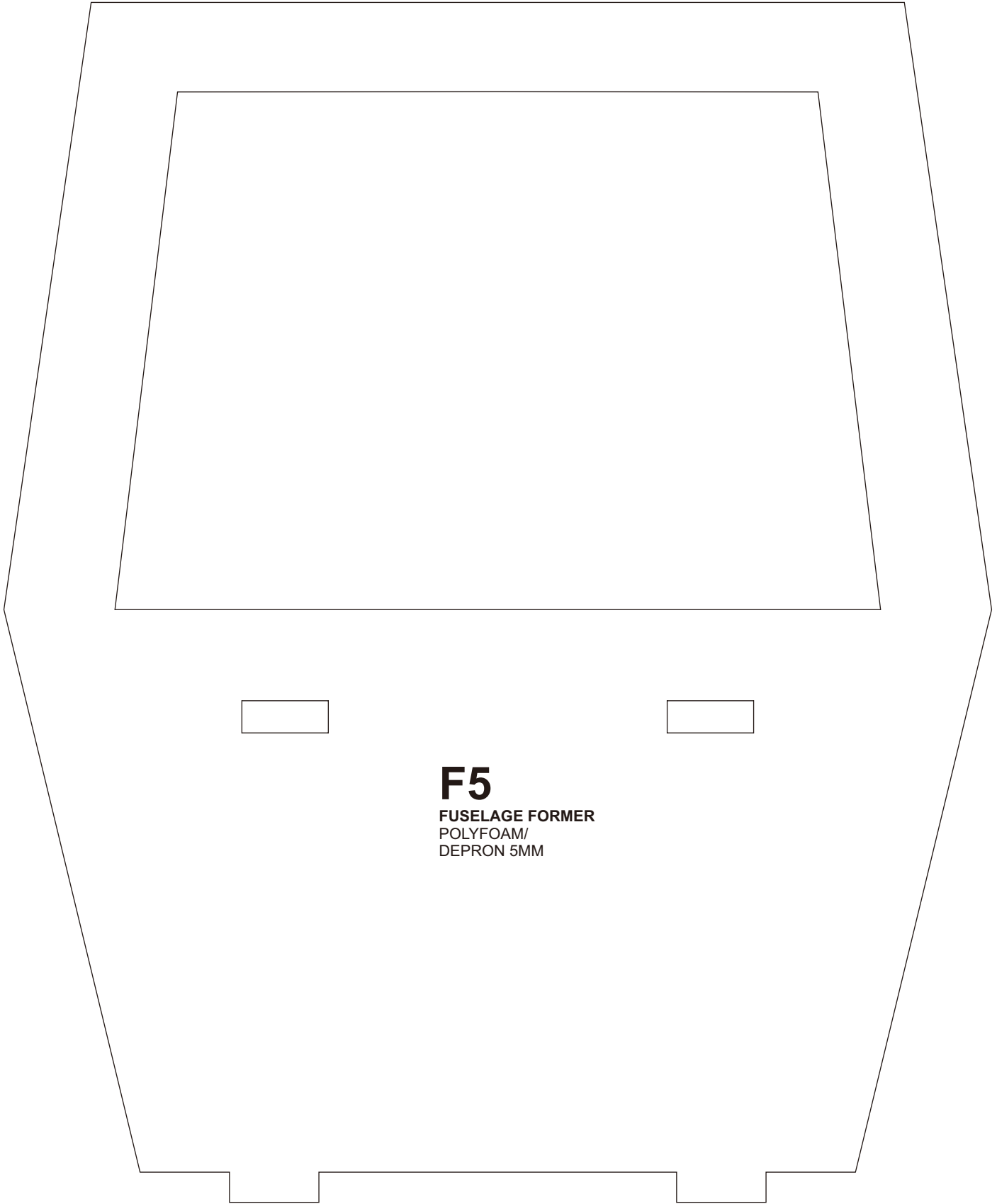
F6
FUSELAGE FORMER
POLYFOAM/
DEPRON 5MM





F4

FUSELAGE FORMER
POLYFOAM/
DEPRON 5MM
2X

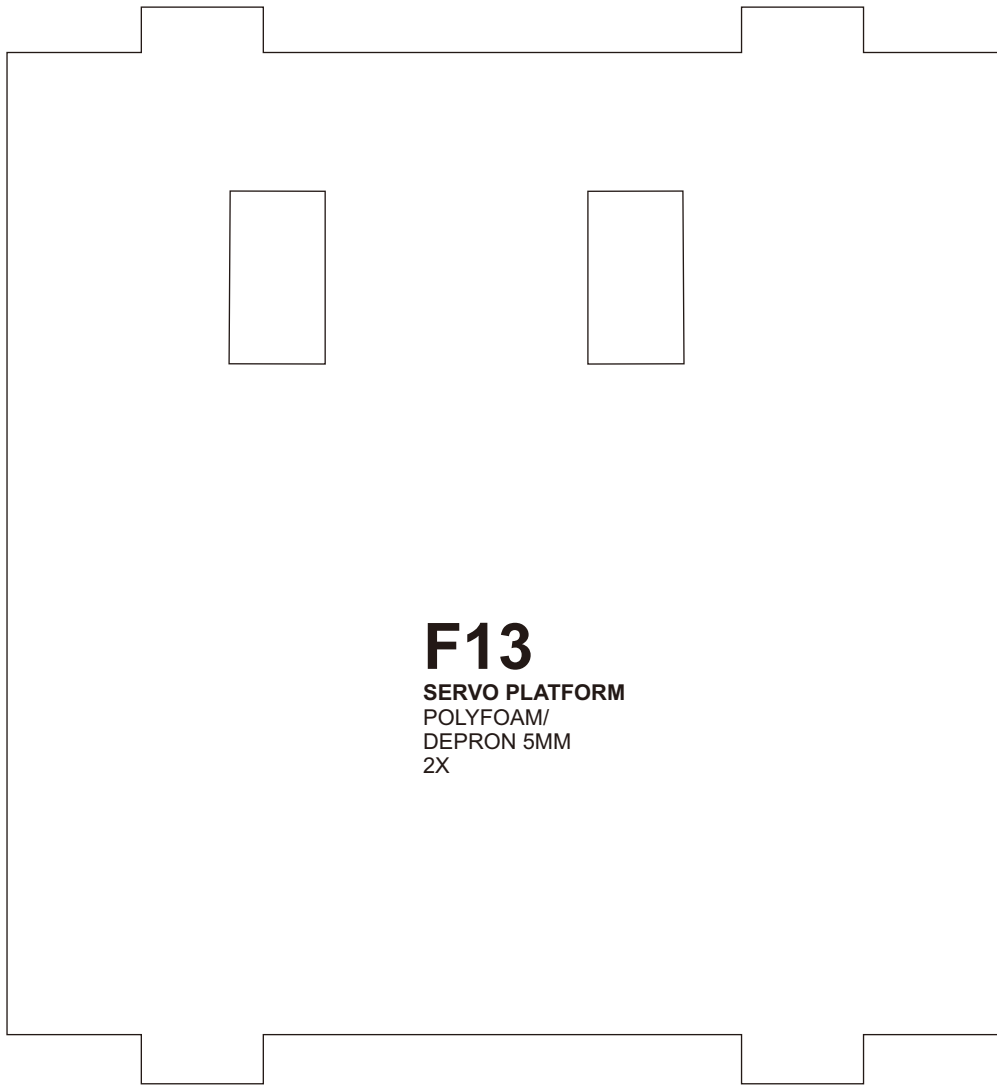


F5
FUSELAGE FORMER
POLYFOAM/
DEPRON 5MM



F12

FUSELAGE
POLYFOAM/
DEPRON 5MM



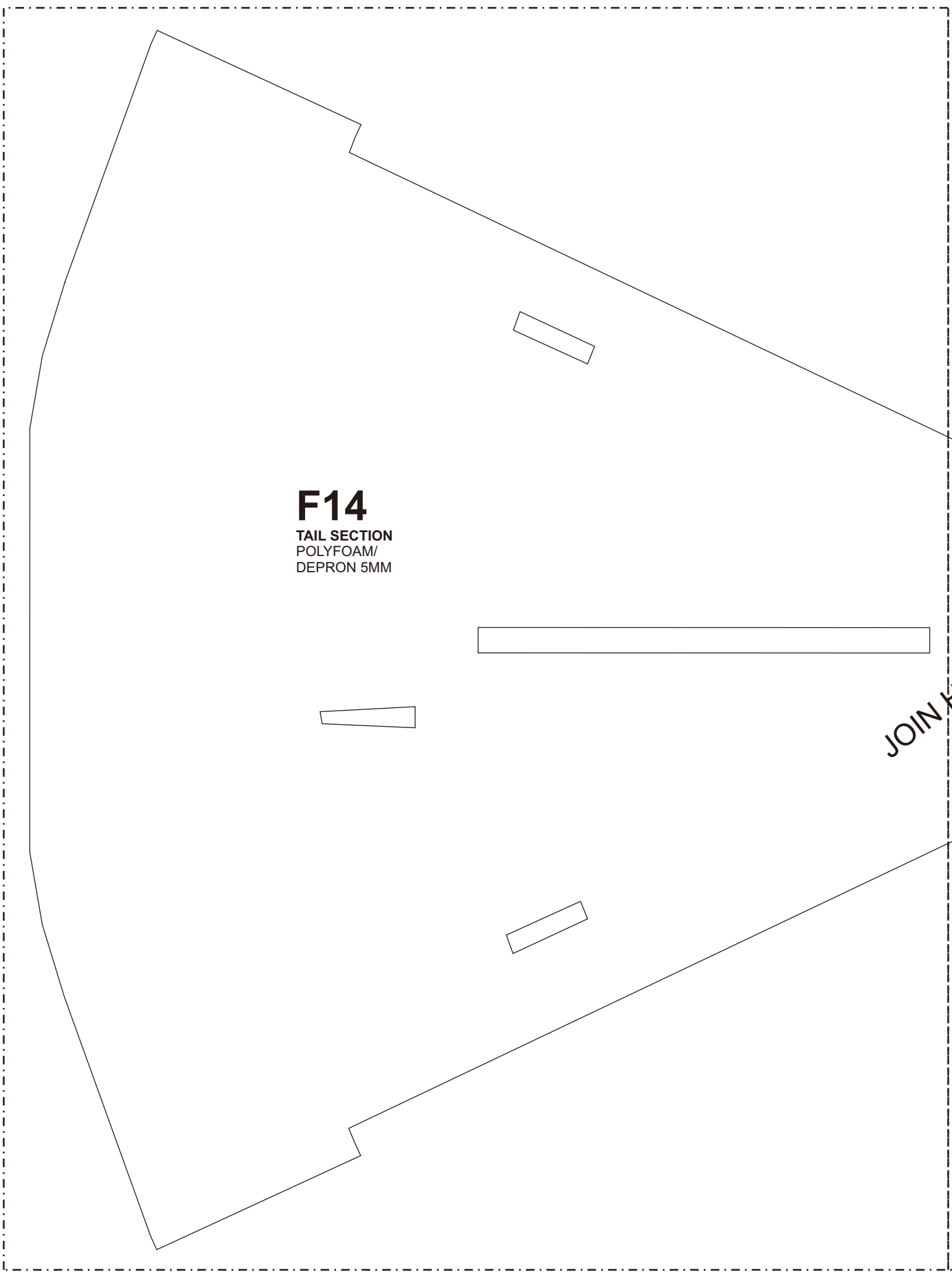
F13
SERVO PLATFORM
POLYFOAM/
DEPRON 5MM
2X



F18
ENGINE COWL
POLYFOAM/
DEPRON 5MM
8X

F14
TAIL SECTION
POLYFOAM/
DEPRON 5MM

JOIN HERE



JOIN HERE

F14

F17/C1

WINDSHIELD
POLYFOAM/
DEPRON 5MM
OR
MICA PLASTIC 0.3MM

F15

FUSELAGE
POLYFOAM/
DEPRON 5MM
2X MIRRORED

JOIN HERE

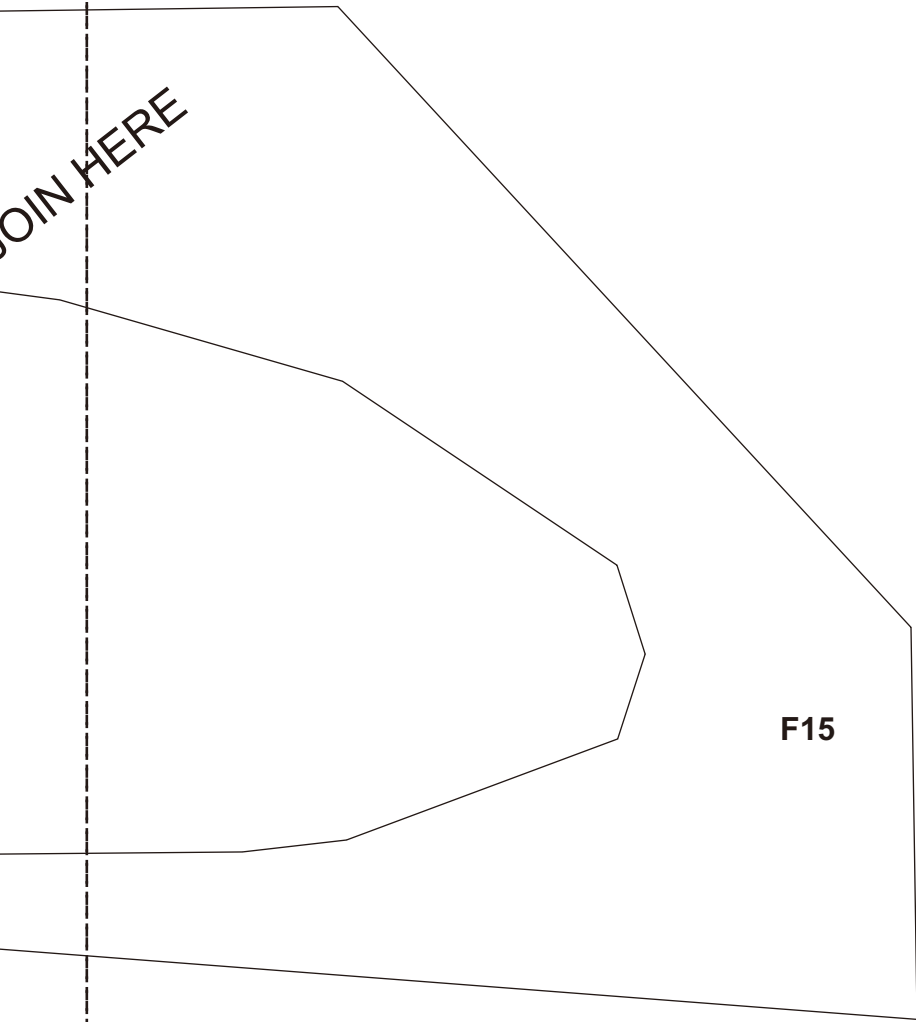
C3

WINDOW
MICA PLASTIC 0.3MM
2X

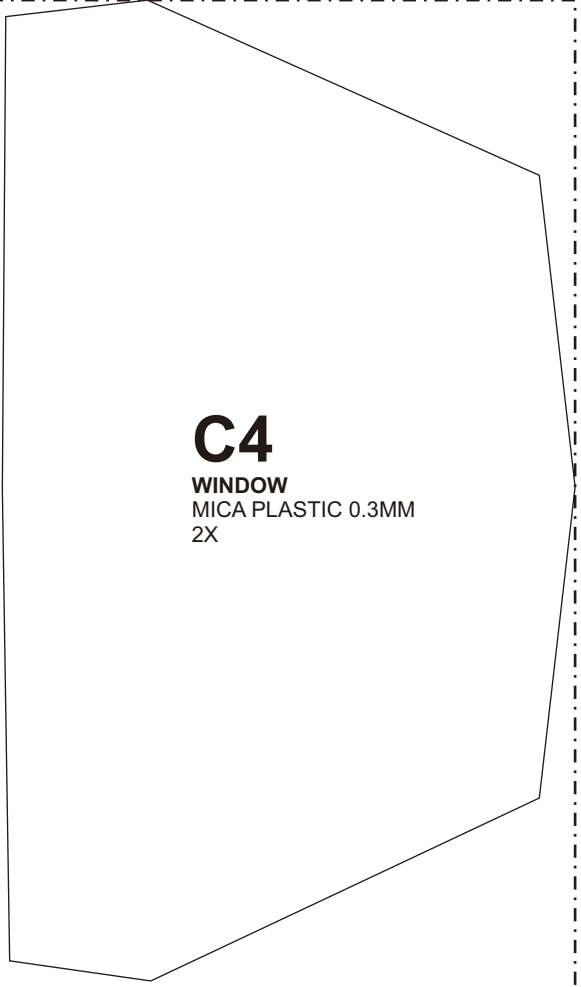
G1

FRONT LG BASE
PLYWOOD 3MM

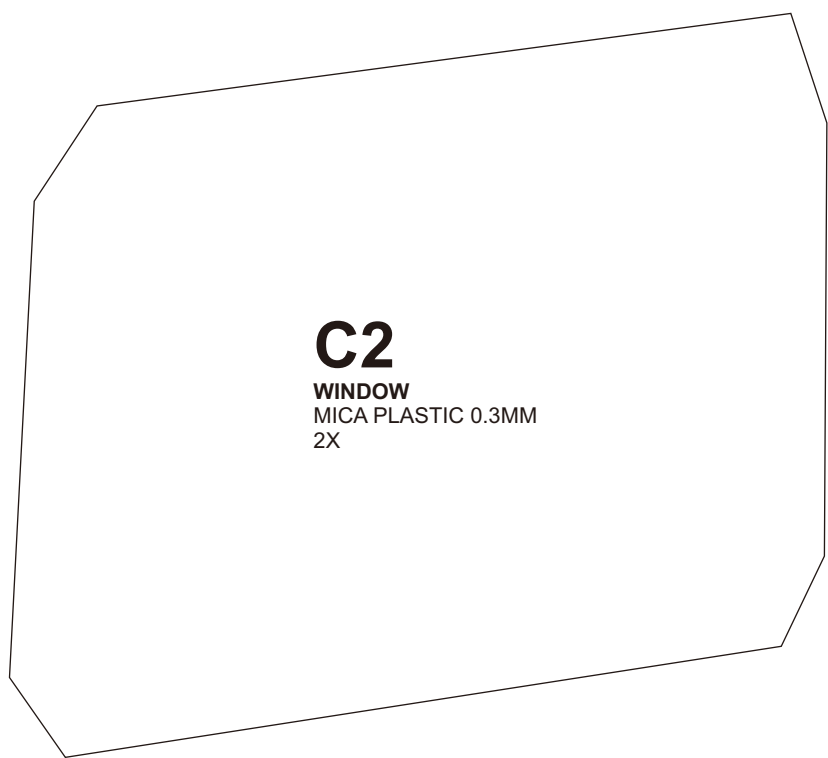
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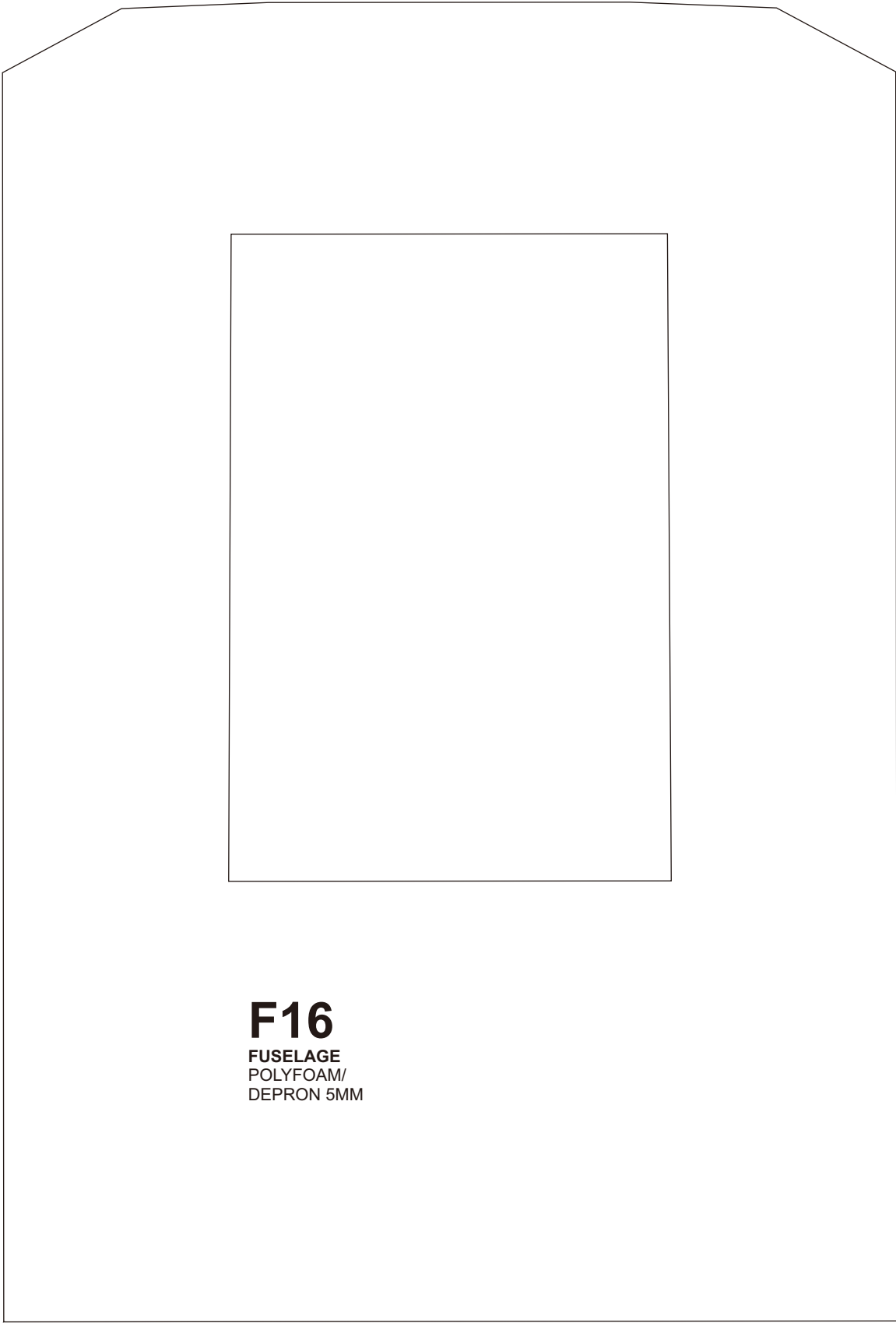
F15



C4
WINDOW
MICA PLASTIC 0.3MM
2X



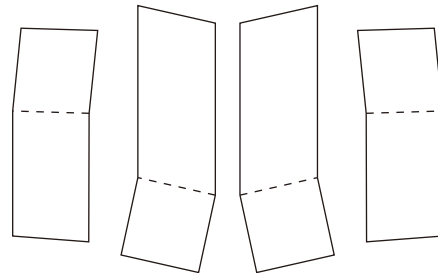
C2
WINDOW
MICA PLASTIC 0.3MM
2X



F16
FUSELAGE
POLYFOAM/
DEPRON 5MM

F18

FUSELAGE
POLYFOAM/
DEPRON 5MM



PLASTIC SHEET

G2

MAIN LG BASE
PLYWOOD 3MM

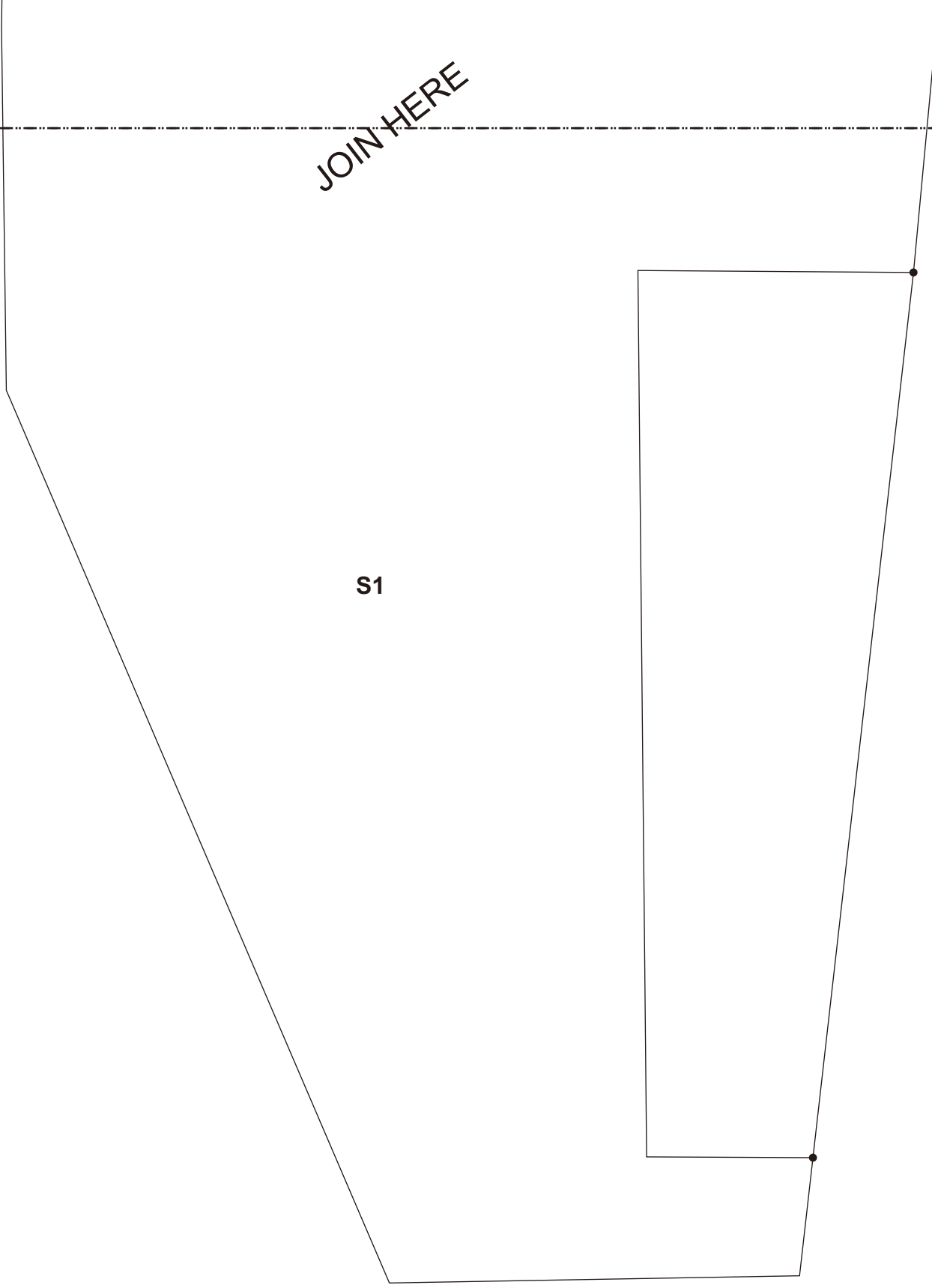
W13 WING STRUT
PLYWOOD 3MM
2X

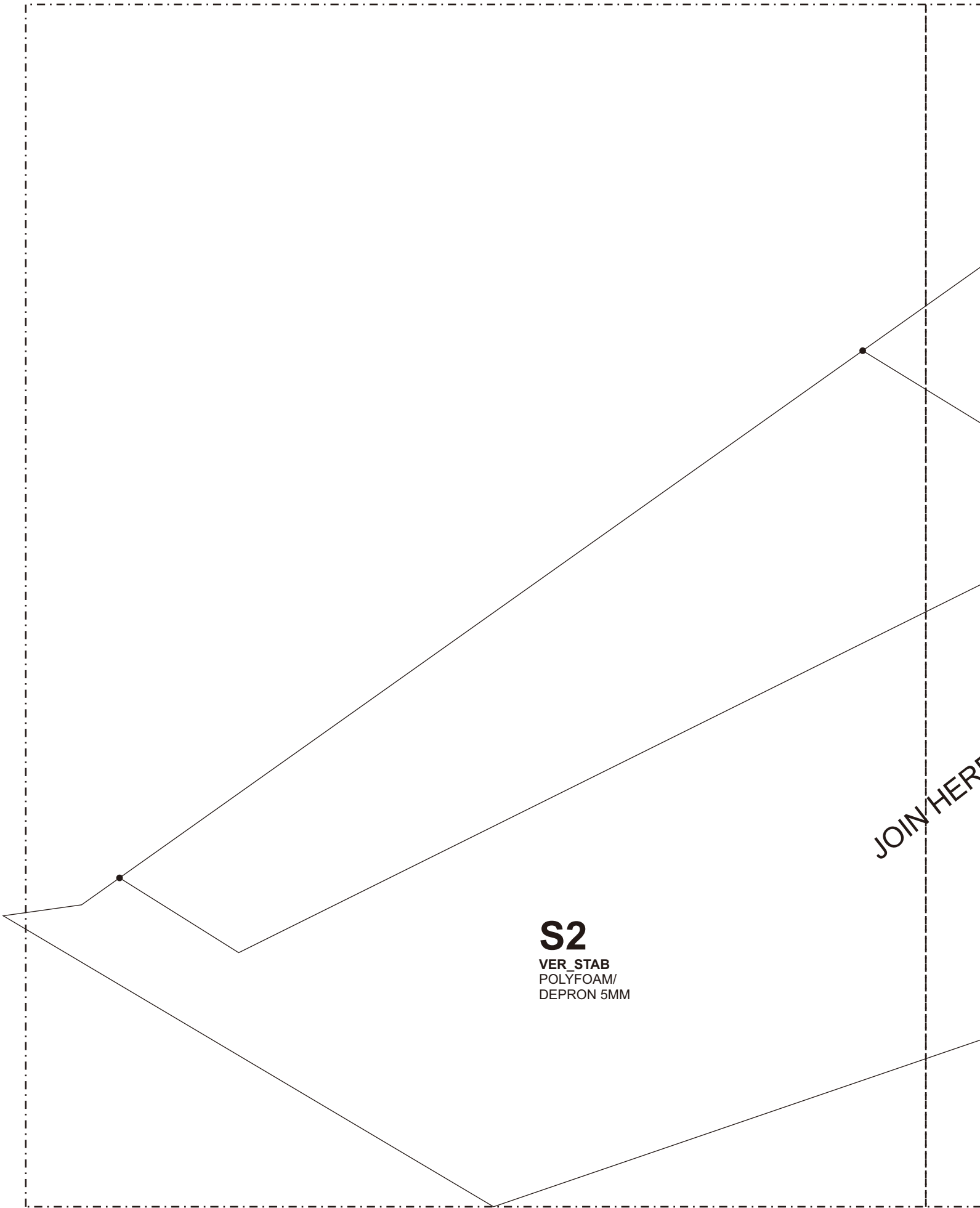
S1
HOR-STAB
POLYFOAM/
DEPRON 5MM

JOIN HERE

JOIN HERE

S1

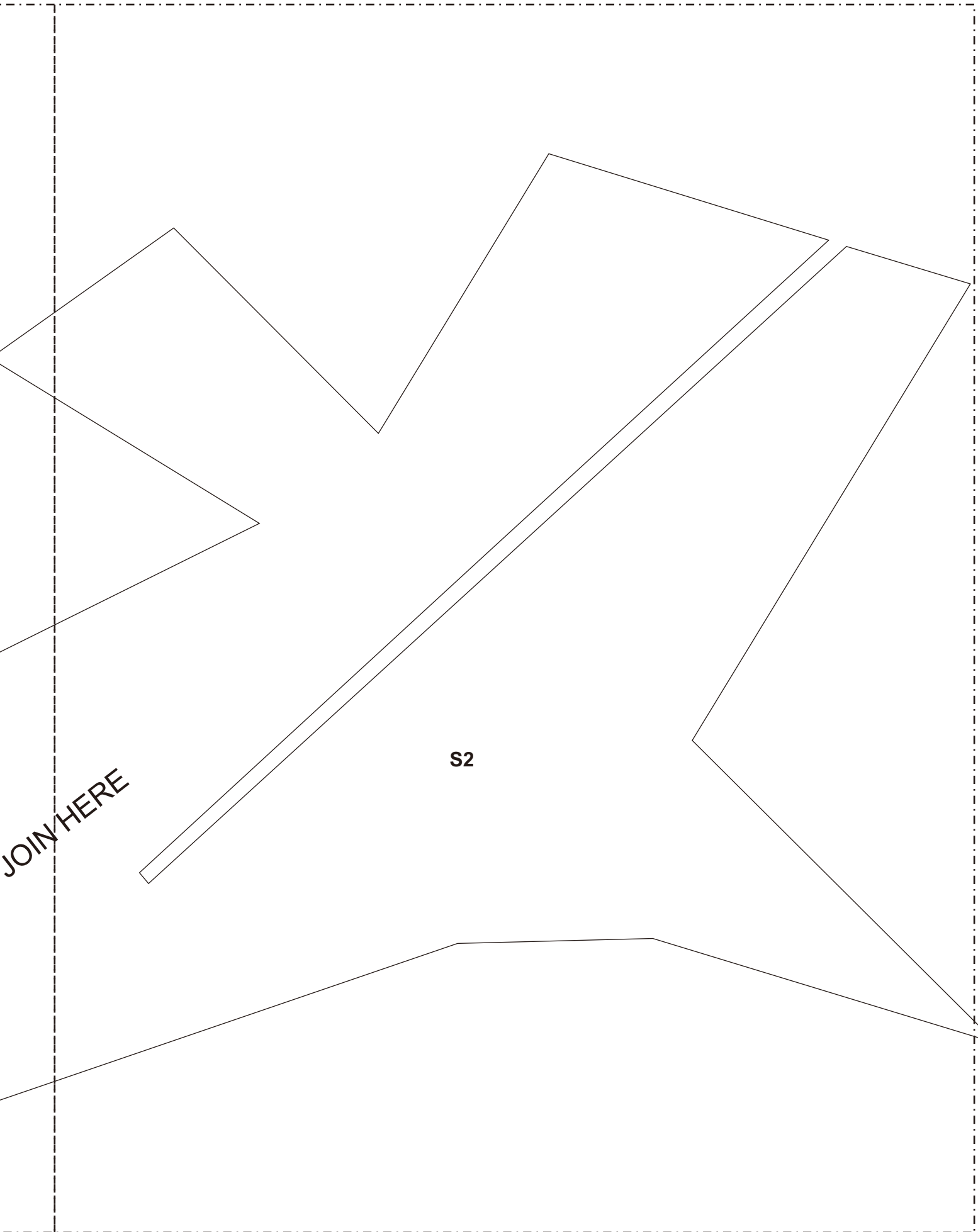




S2

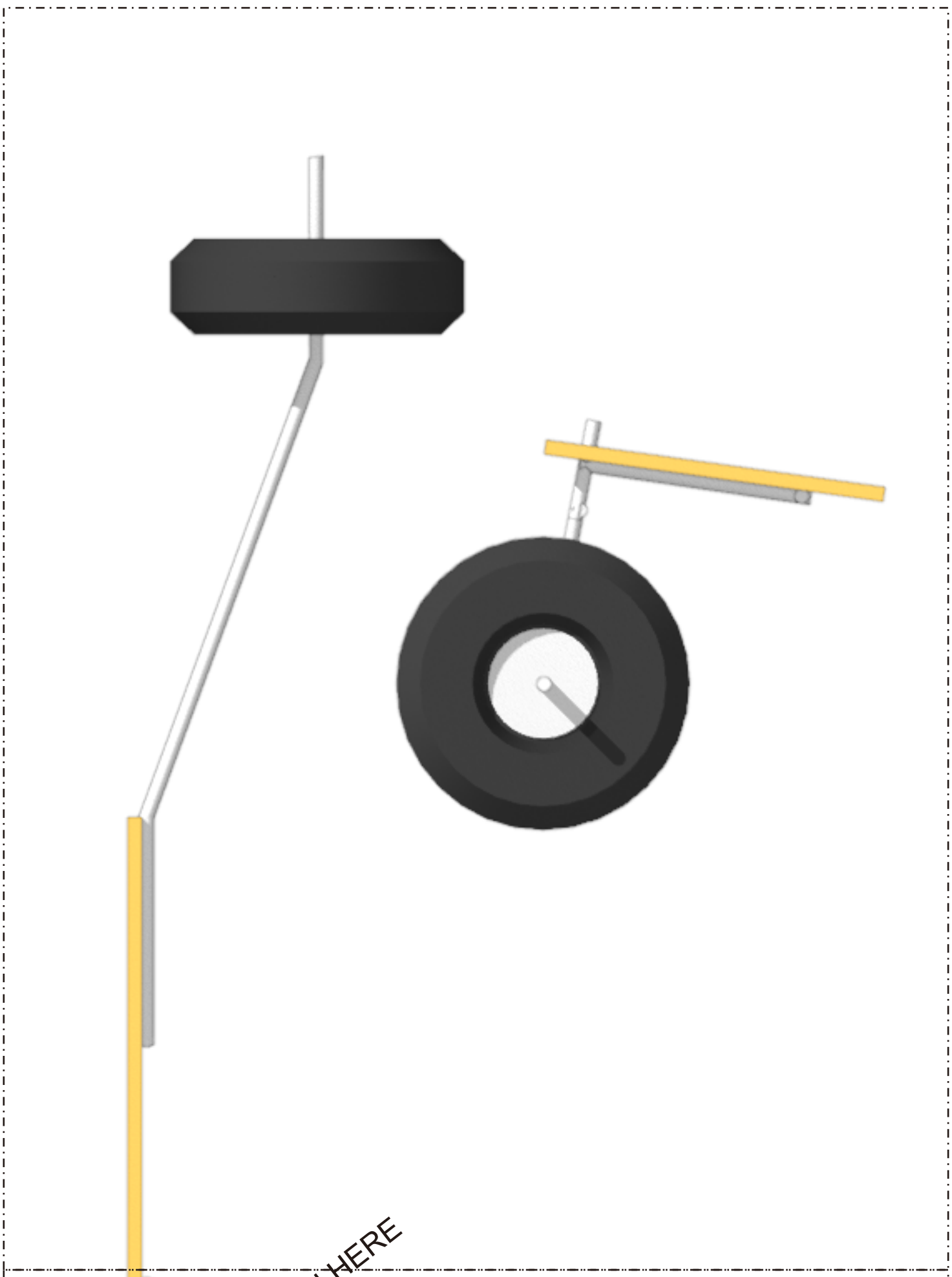
VER_STAB
POLYFOAM/
DEPRON 5MM

JOIN HERE



JOIN HERE

S2



JOIN HERE

JOIN HERE

