



Model : 19/2020



Cartoon Mig-21 Lancer

1000mm

Specs :

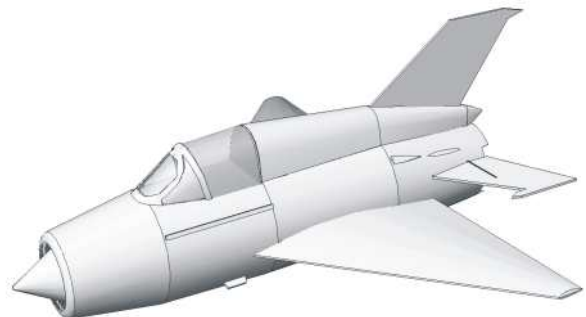
1. Wingspan 1050 mm
2. Flying weight : 1170 grams/ 41.3 oz
3. Wing loading : 37.7 g/dm² - 12.4 oz/sq.ft
4. Wing cube loading : 6.8
5. Wing Area : 31 dm² / 481 sq.in
6. CG 31 cm from TE

Electronics

- NTM 2830 2700kv
- Propeller : 6x4
- ESC 50A
- Battery Lipo 4S 2200mah
- 3 plastic gear 9 gram servos

Materials :

1. 3 mm Depron/ Polyfoam
2. 5 mm Depron/ Polyfoam
3. 7 mm Plywood
4. Hot glue, CA glue, PVA glue
5. 3 mm, 2.5 mm bicycle wheel spoke wire
6. 1.5 mm wire
7. white packing tape / wax paper
8. Bamboo chopstick
9. 0.3, 0.5 mm Mica plastic



Build Instructions :

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



F1

FUSELAGE
POLYFOAM/
DEPRON 3MM

JOIN HERE

IN HERE

F1

JOIN HERE

IN HERE

F1

JOIN HERE

JOIN HERE

F1

F4

FUSELAGE
POLYFOAM/
DEPRON 3MM

JOIN HERE

IN HERE

F4

JOIN HERE

IN HERE

JOIN H

F3

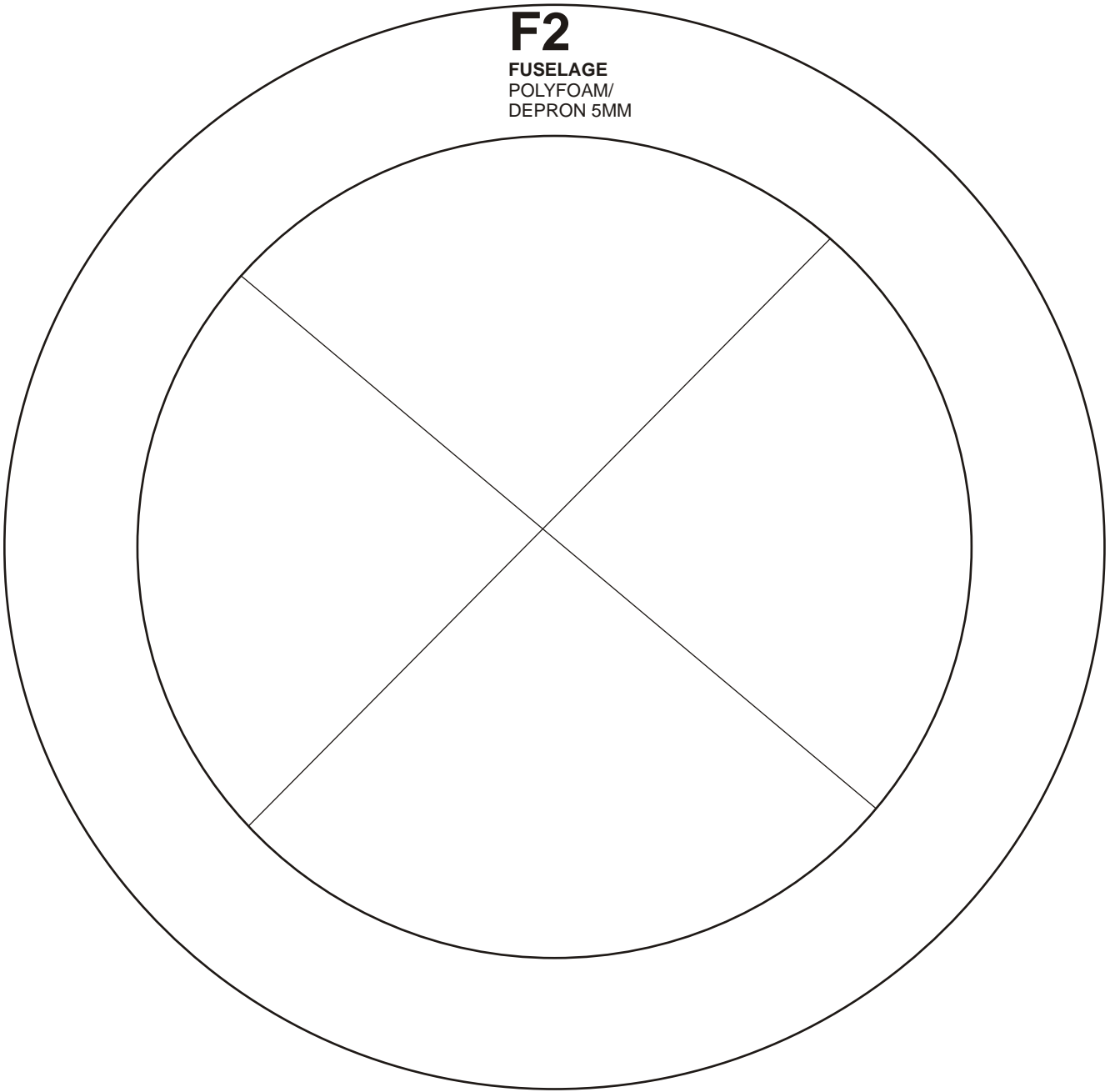
FUSELAGE
POLYFOAM/
DEPRON 3MM

JOIN HERE

F3

F2

FUSELAGE
POLYFOAM/
DEPRON 5MM





F5
FUSELAGE FORMER
POLYFOAM/
DEPRON 5MM



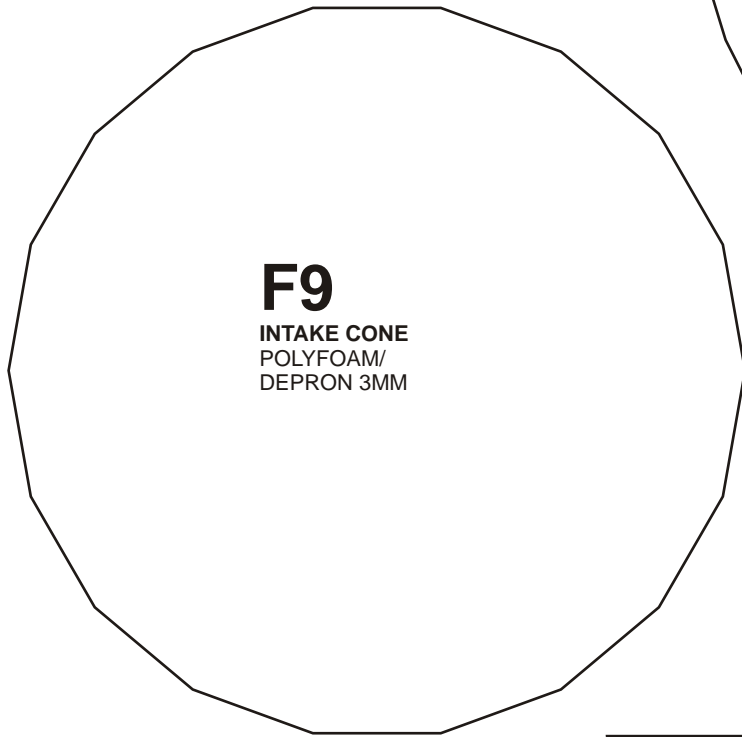
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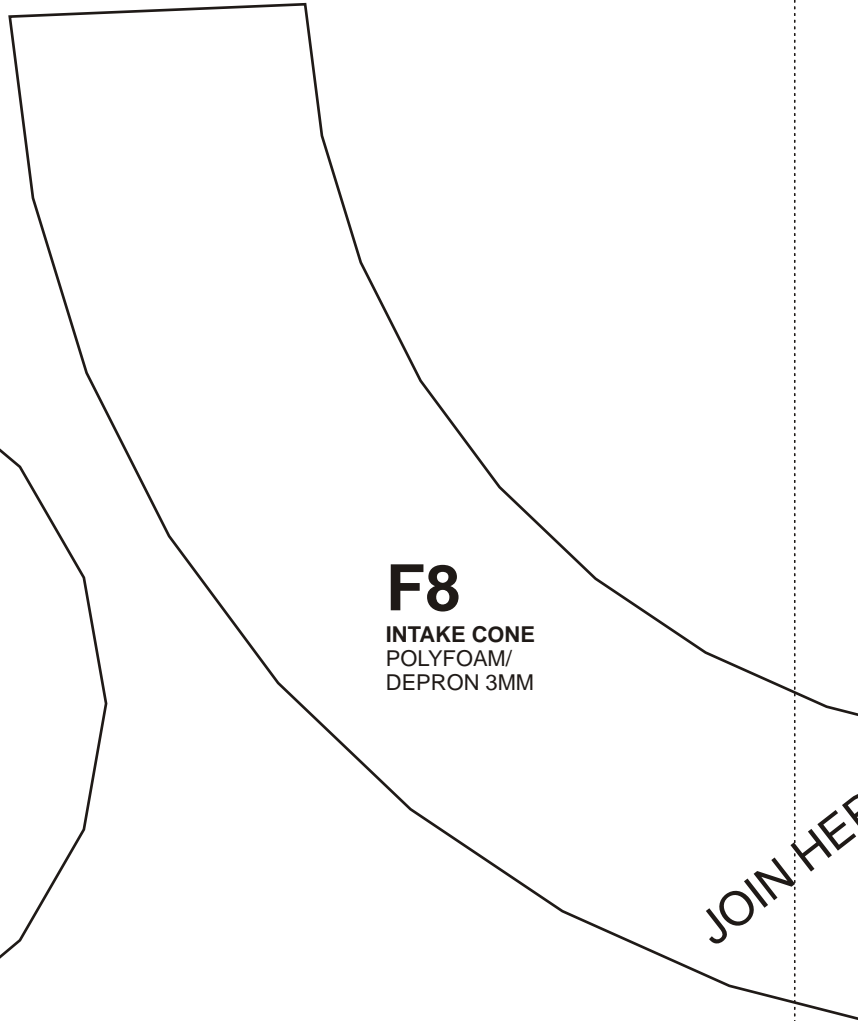
F5

F6

FUSELAGE FORMER
POLYFOAM/
DEPRON 5MM
2X



F9
INTAKE CONE
POLYFOAM/
DEPRON 3MM



F8
INTAKE CONE
POLYFOAM/
DEPRON 3MM

JOIN HERE



F7
FUSELAGE FORMER
POLYFOAM/
DEPRON 5MM
2X



D2



D3

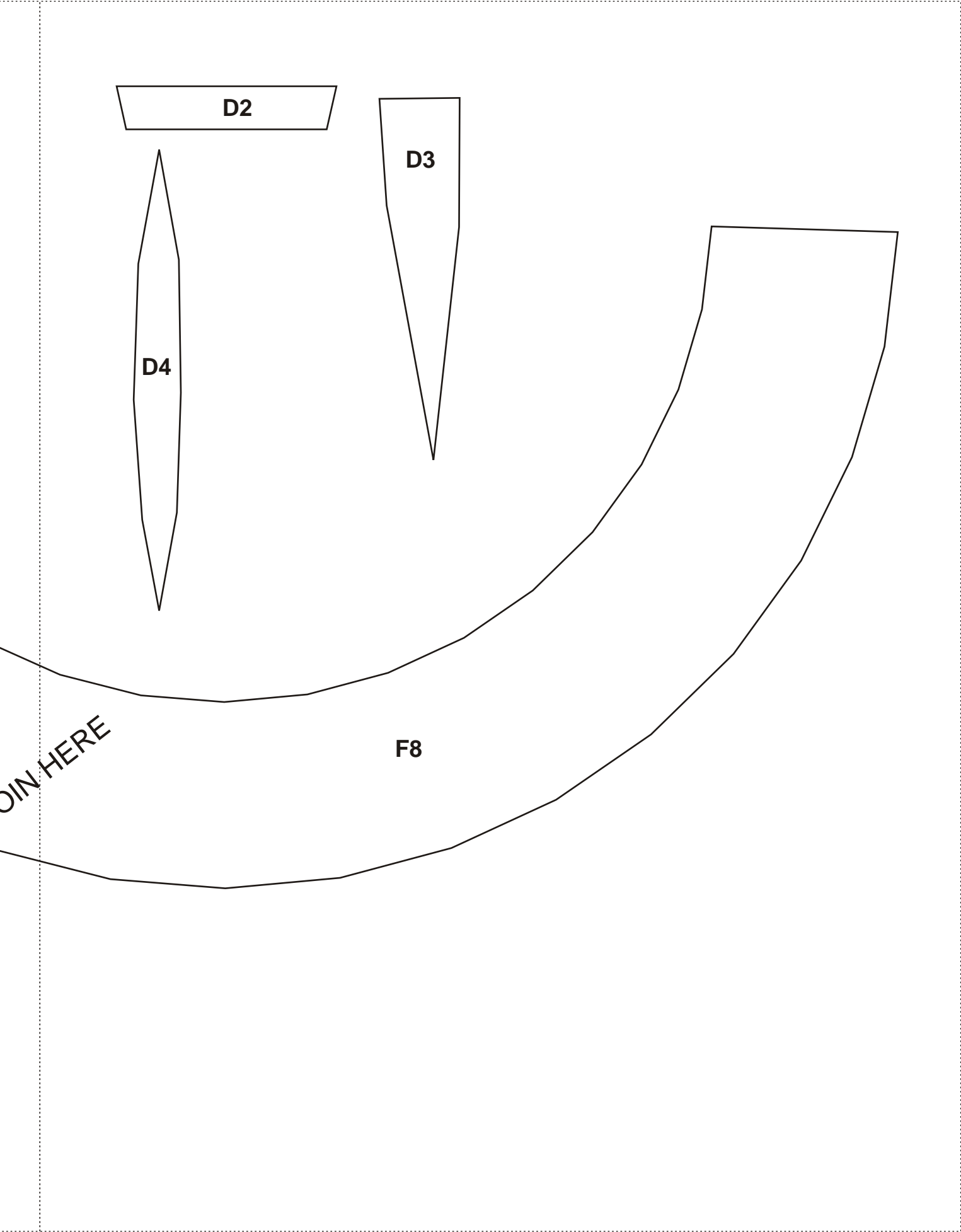


D4



JOIN HERE

F8



F10

FUSELAGE
POLYFOAM/
DEPRON 3MM

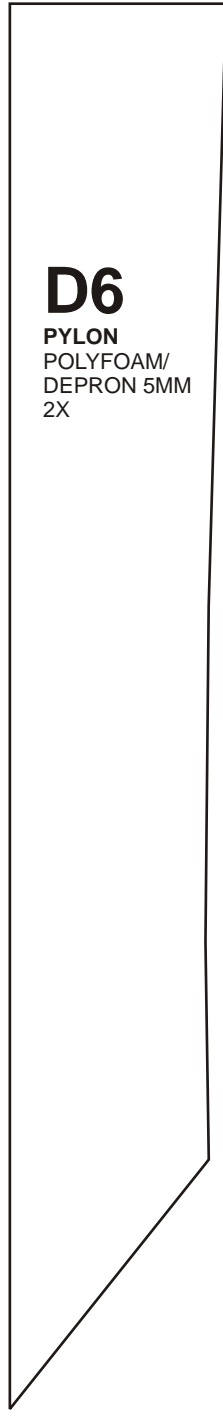
JOIN HERE

JOIN HERE

JOIN HERE

JOIN HERE

F10



D6
PYLON
POLYFOAM/
DEPRON 5MM
2X

D1

JOIN HERE

JOIN HERE

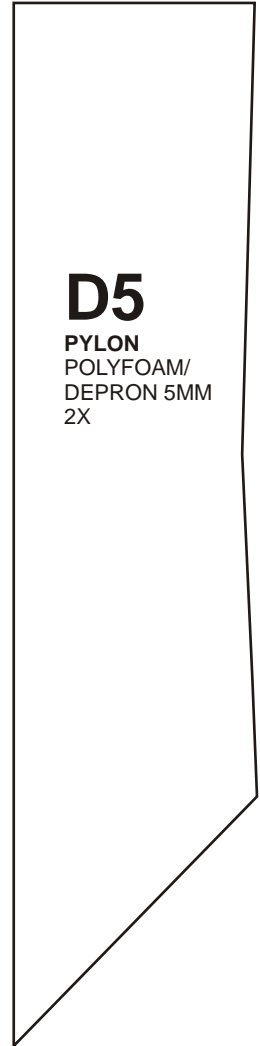
F10

JOIN HERE

JOIN HERE

JOIN HERE

F10



D5
PYLON
POLYFOAM/
DEPRON 5MM
2X

JOIN HERE

JOIN HERE

JOIN HERE

F10

JOIN HERE

JOIN HERE

F10

JOIN HERE

W4

F14

INTAKE CONE
POLYFOAM/
DEPRON 3MM

JOIN HERE

W4

AIRFOIL FORMER
POLYFOAM/
DEPRON 5MM
2X

JOIN HERE

JOIN HERE

W2

JOIN HERE

JOIN HERE

W1

JOIN HERE

W3

JOIN HERE

JOIN HERE

JOIN HERE

W4

W3

AIRFOIL FORMER
POLYFOAM/
DEPRON 5MM
2X

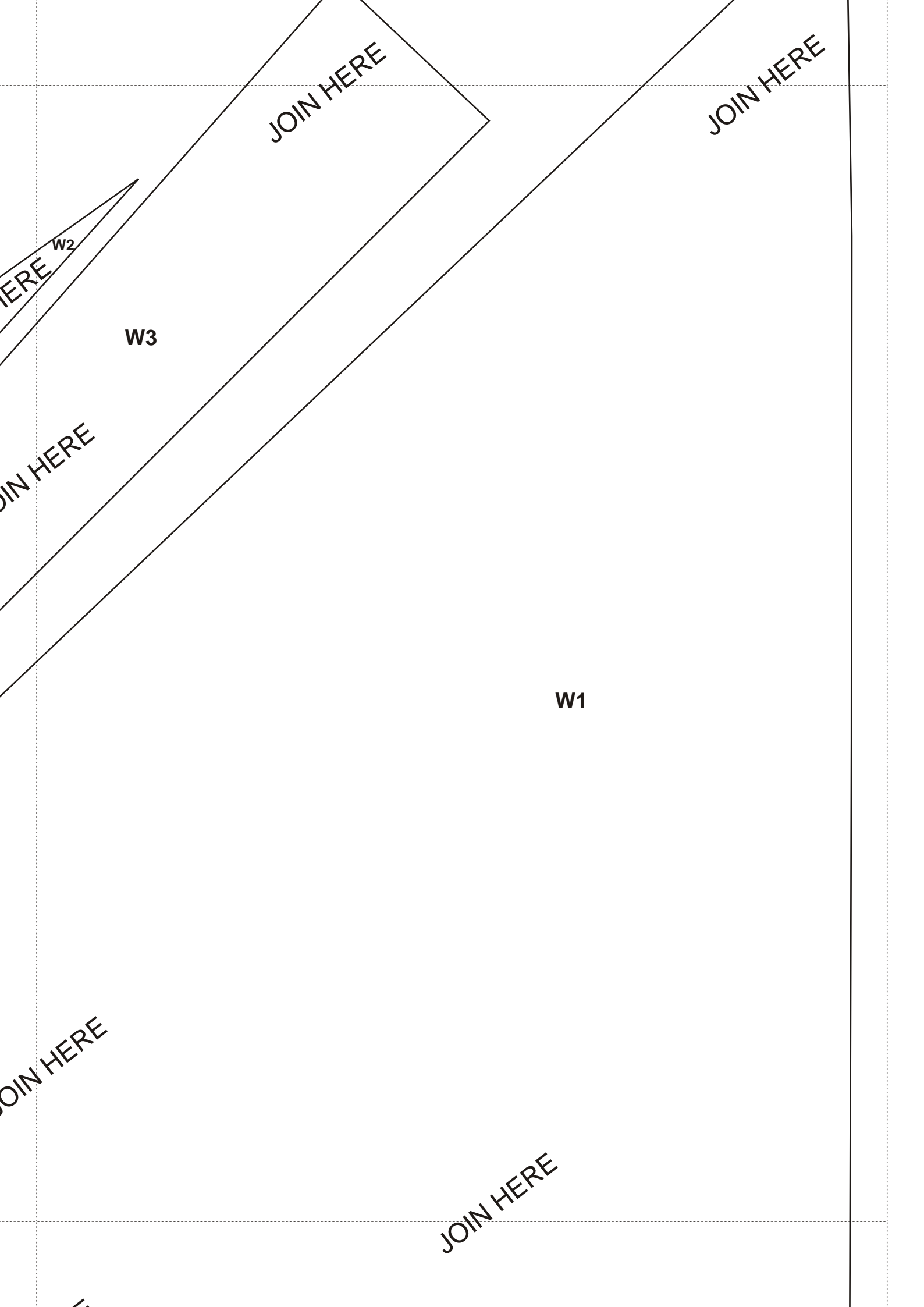
W2

AIRFOIL FORMER
POLYFOAM/
DEPRON 5MM
2X

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JOIN HERE



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W4

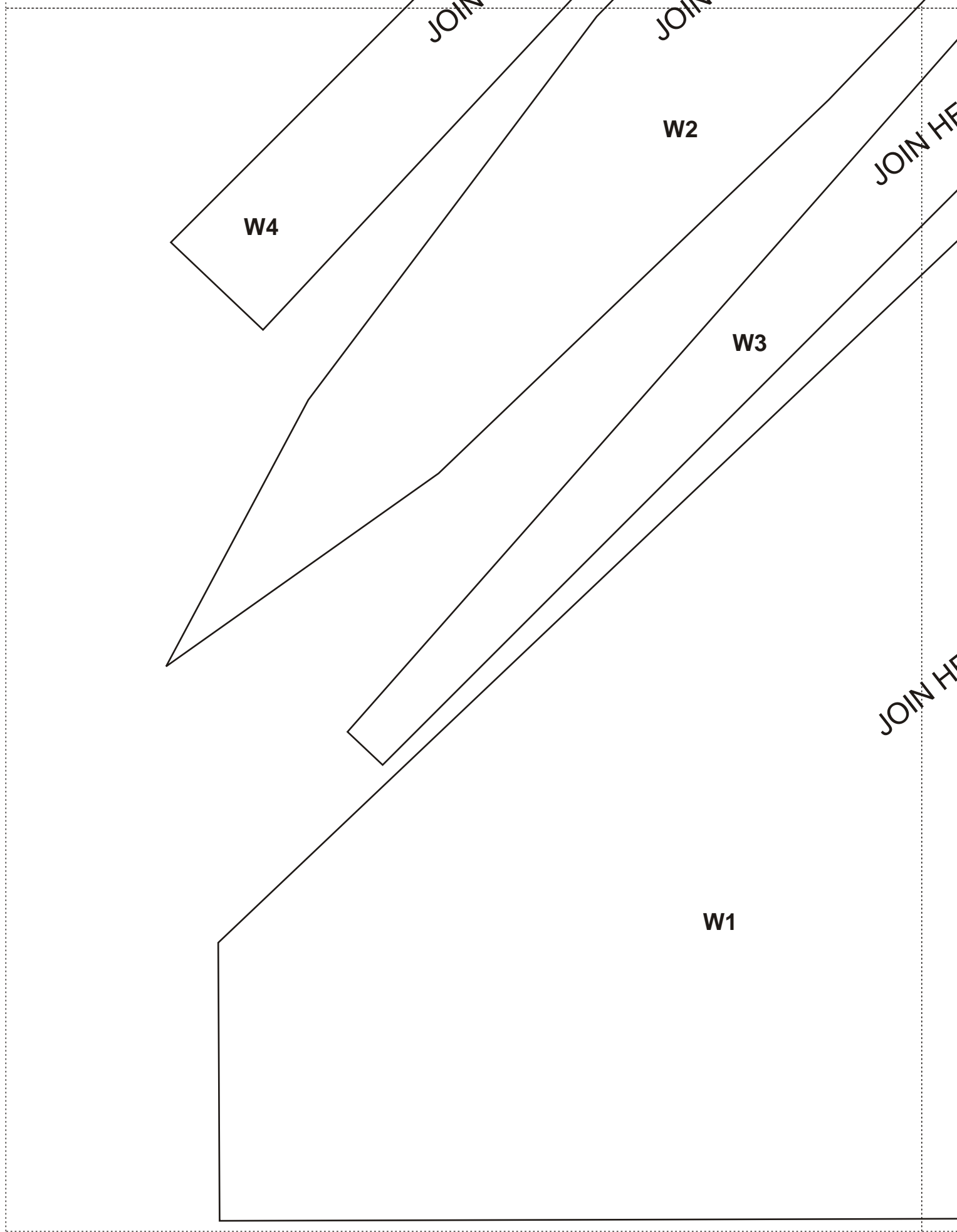
W2

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W3

JOIN HE

W1



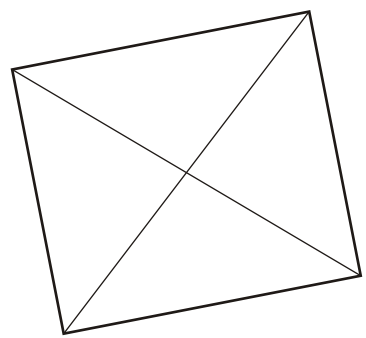
JOIN HERE JOIN HERE

W3

JOIN HERE

JOIN HER

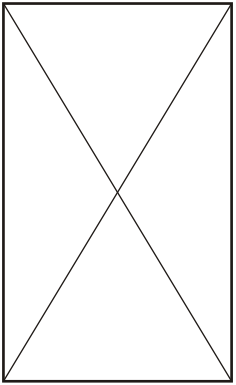
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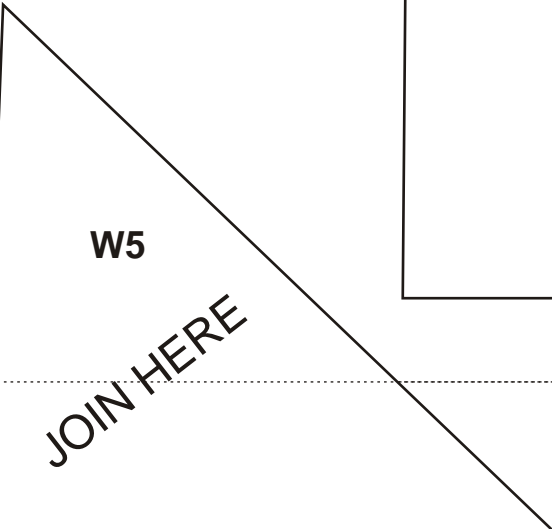
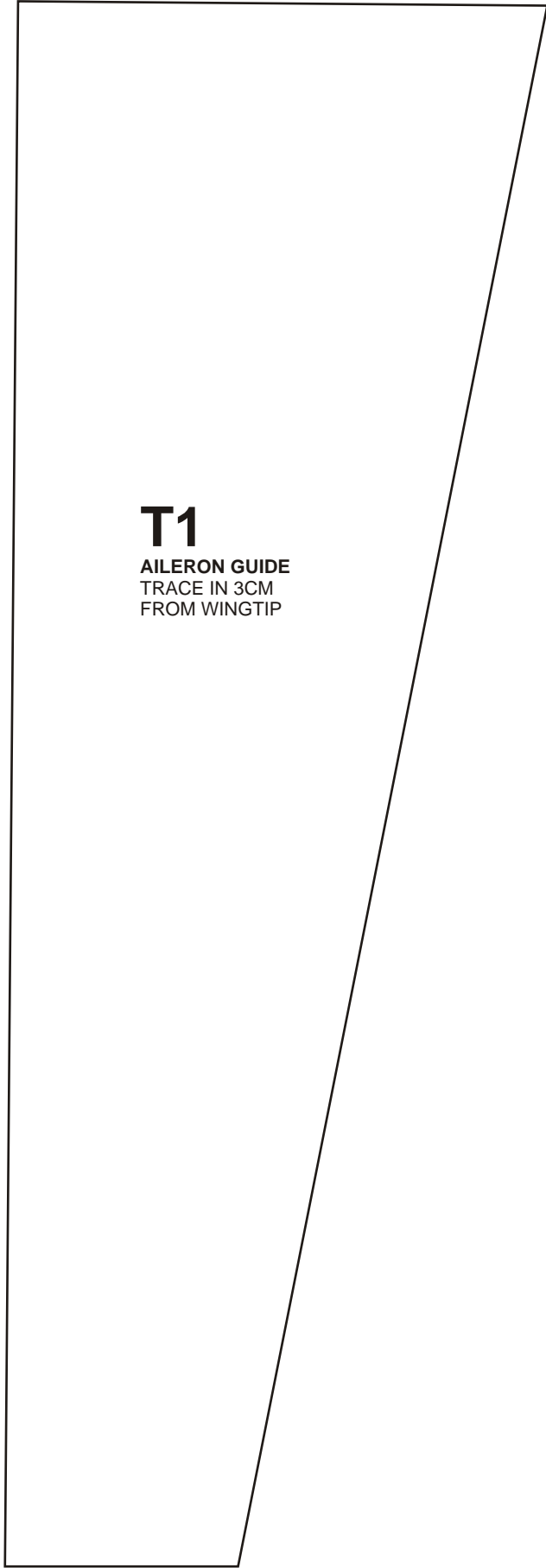
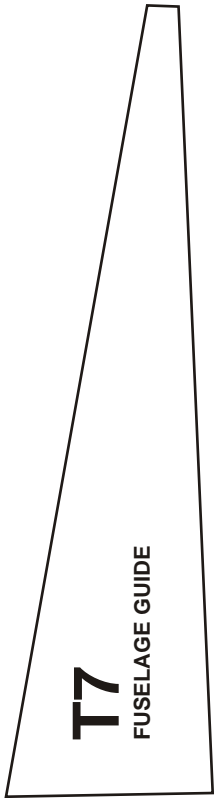
W1
BOTTOM WING
POLYFOAM/
DEPRON 3MM
2X MIRRORED

JOIN HERE

JOIN HERE



W1



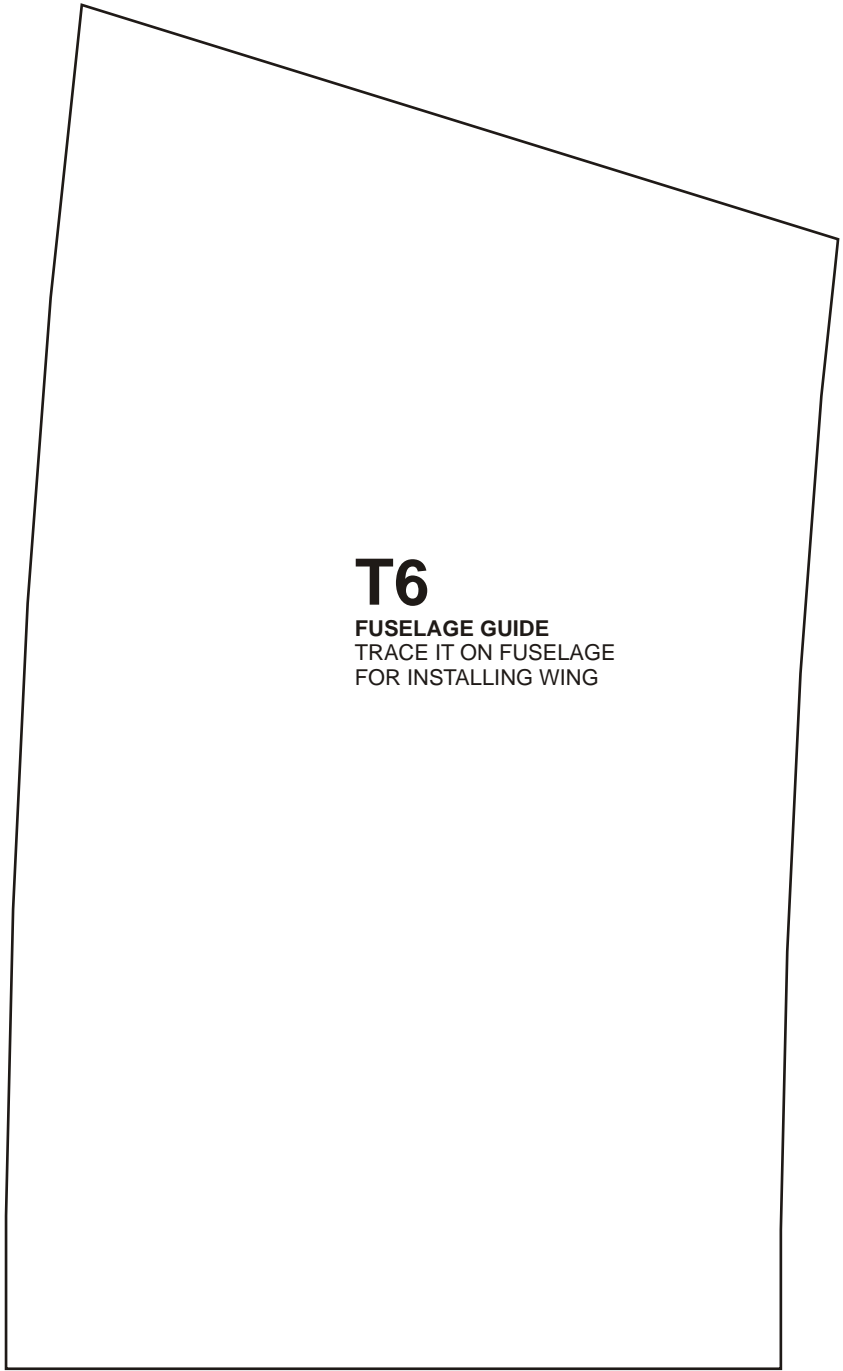
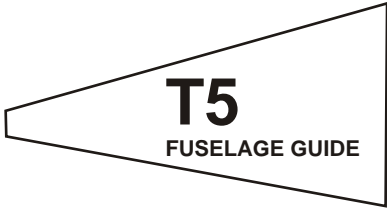
JOIN HERE

W5

TOP WING
POLYFOAM/
DEPRON 3MM
2X MIRRORED

JOIN HERE

JOIN HERE



JOIN HERE

W5

JOIN HERE

JOIN HERE

W5

JOIN HER

JOIN HERE

JOIN HERE

W5

JOIN HERE

JOIN HERE

W5



T2

FUSELAGE GUIDE
TRACE IT ON FUSELAGE
FOR INSTALLING WING

JOIN HERE



T4

FUSELAGE GUIDE
TRACE IT ON FUSELAGE
FOR INSTALLING WING

JOIN HERE

JOIN HERE

T2

T3

FUSELAGE GUIDE
TRACE IT ON FUSELAGE
FOR INSTALLING WING

JOIN HERE

T4

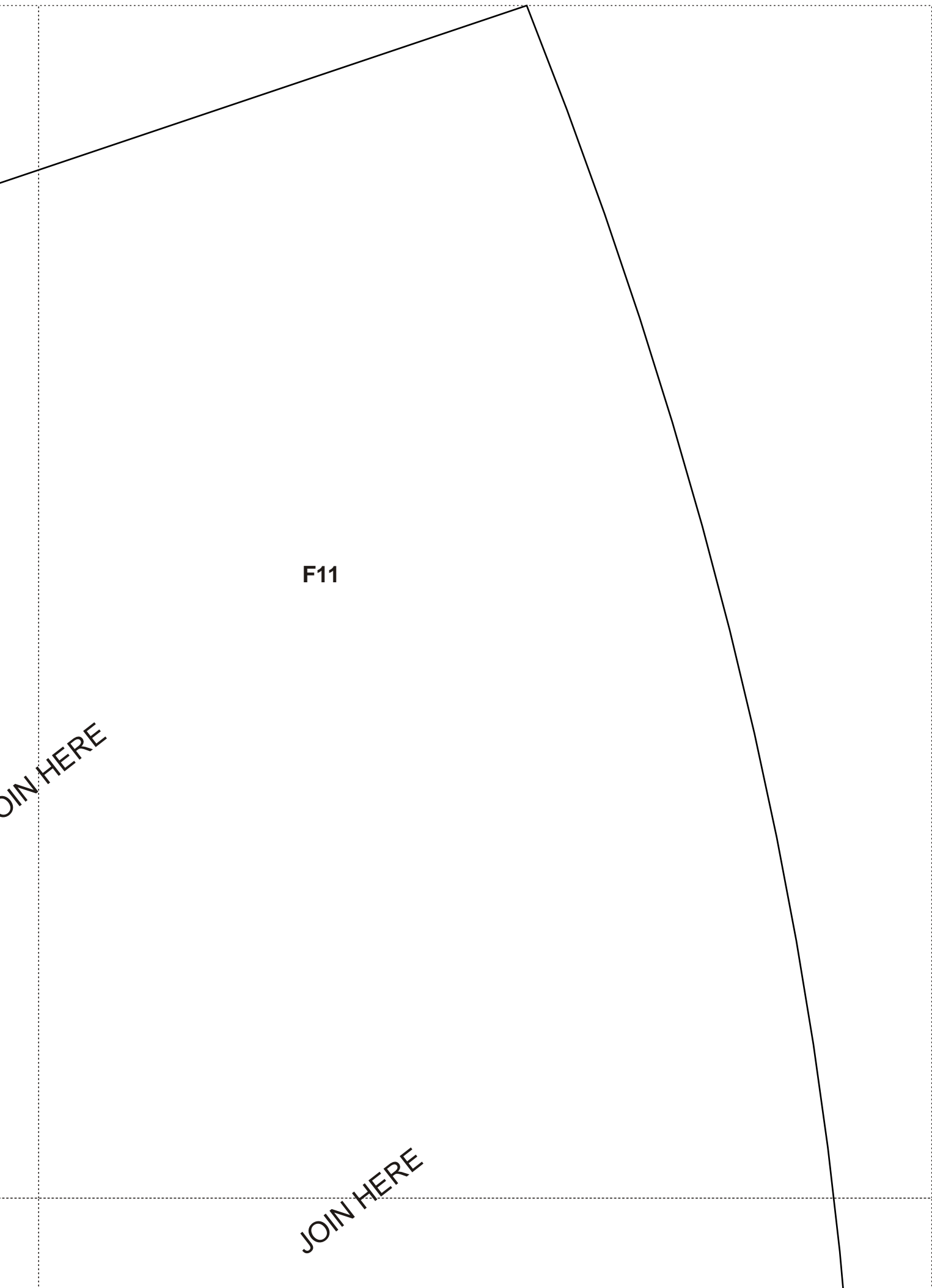


F11

FUSELAGE/TAIL
POLYFOAM/
DEPRON 3MM

JOIN HERE

JOIN HERE



F11

JOIN HERE

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F11

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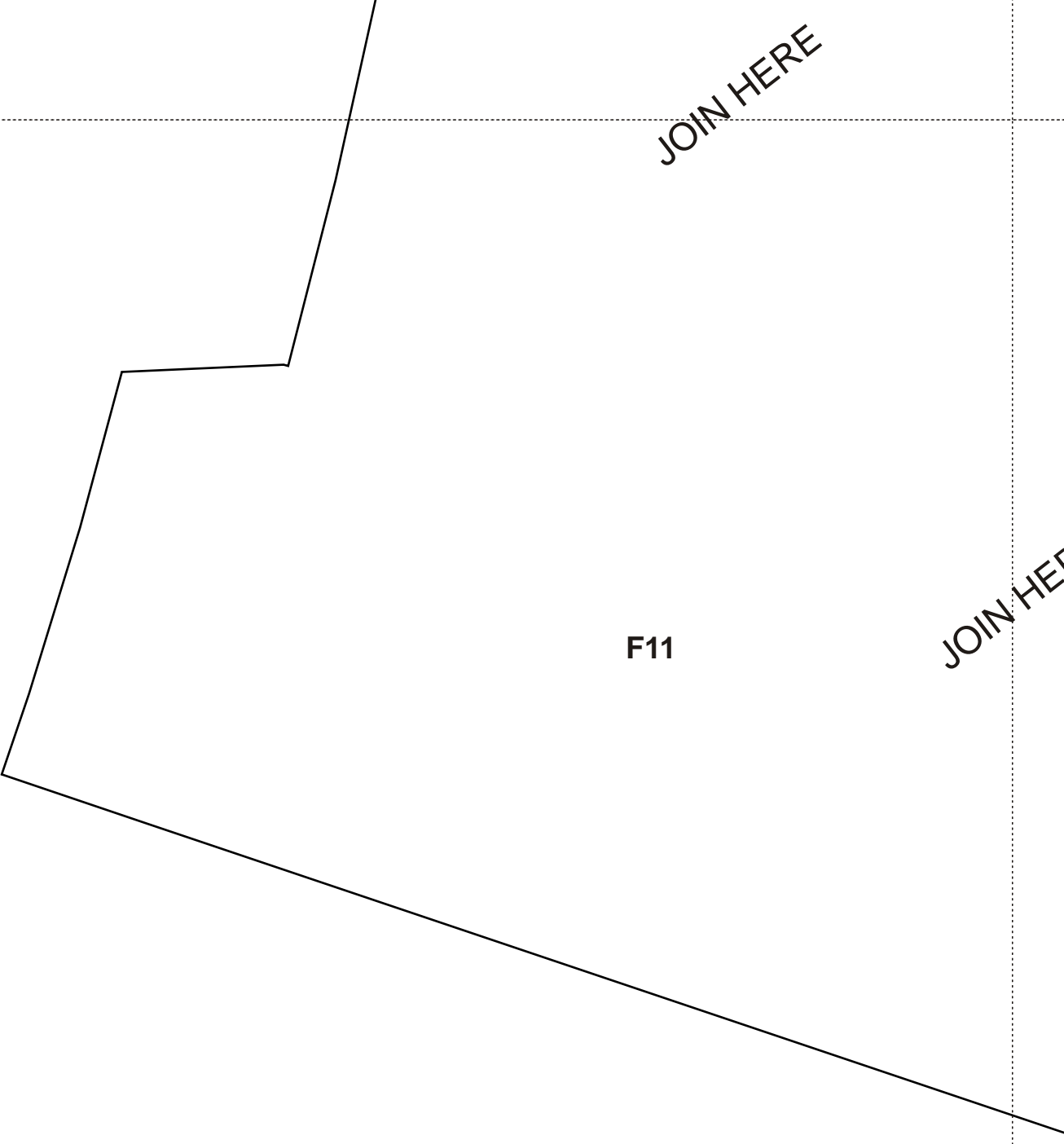
F11

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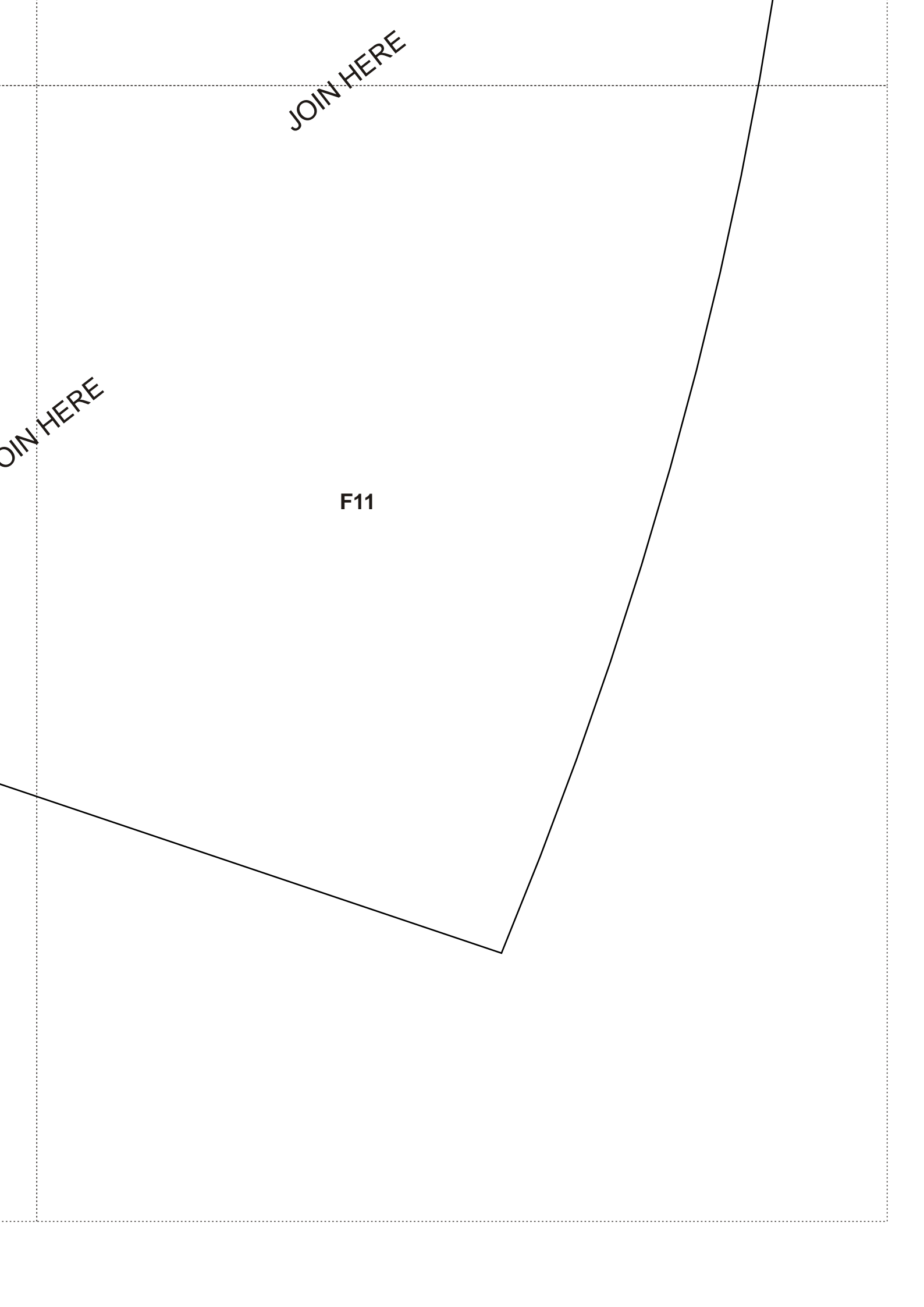
F11



JOIN HERE

JOIN HERE

F11



F12
FUSELAGE
POLYFOAM/
DEPRON 3MM

JOIN HERE

JOIN HERE

F12



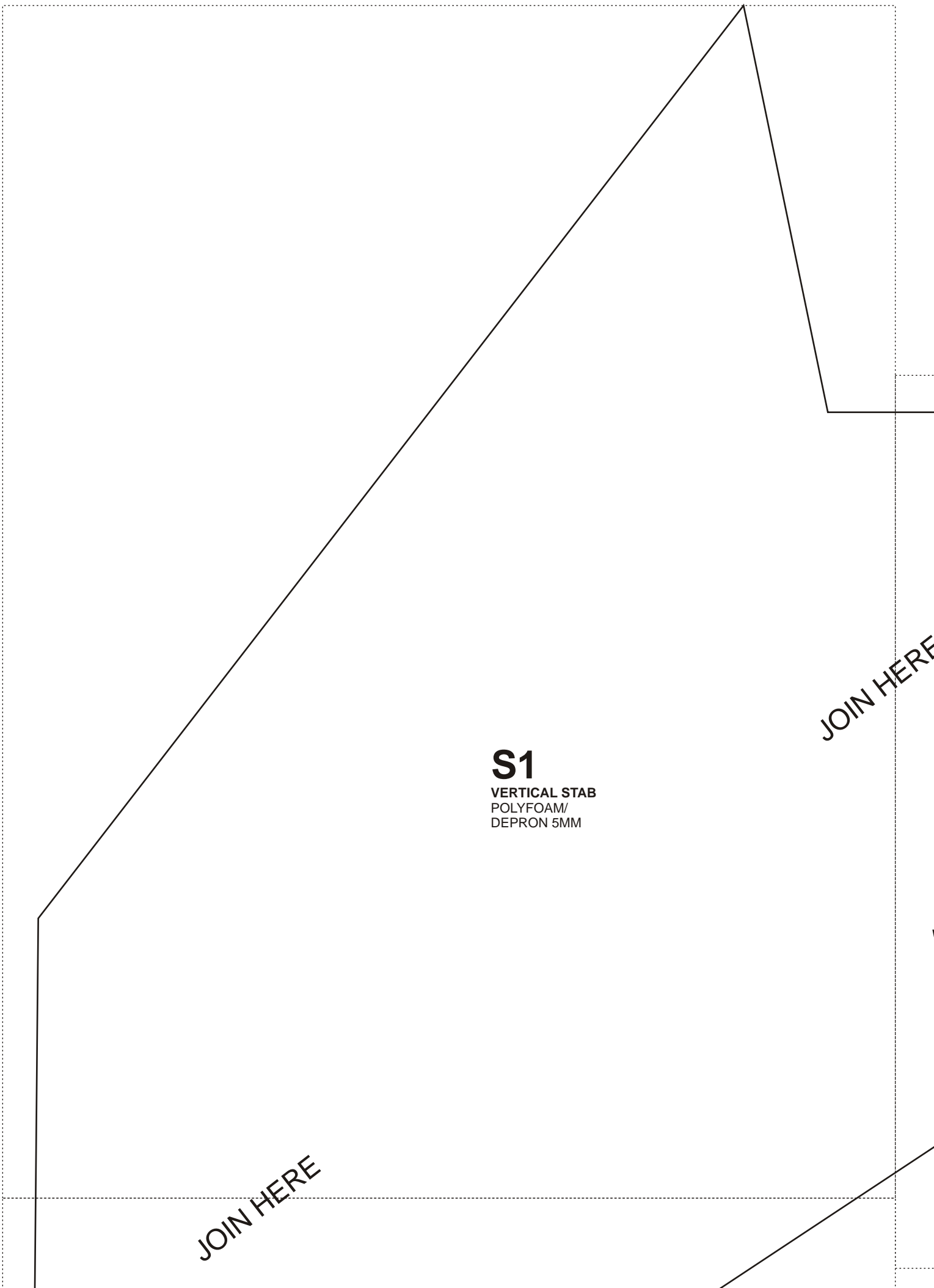
F13

FUSELAGE
POLYFOAM/
DEPRON 3MM

JOIN HERE

JOIN HERE

F13



S1

VERTICAL STAB
POLYFOAM/
DEPRON 5MM

JOIN HERE

JOIN HERE

JOIN HERE

S1

T8

ELEVATOR SHAFT
TRACE IT ON TAIL



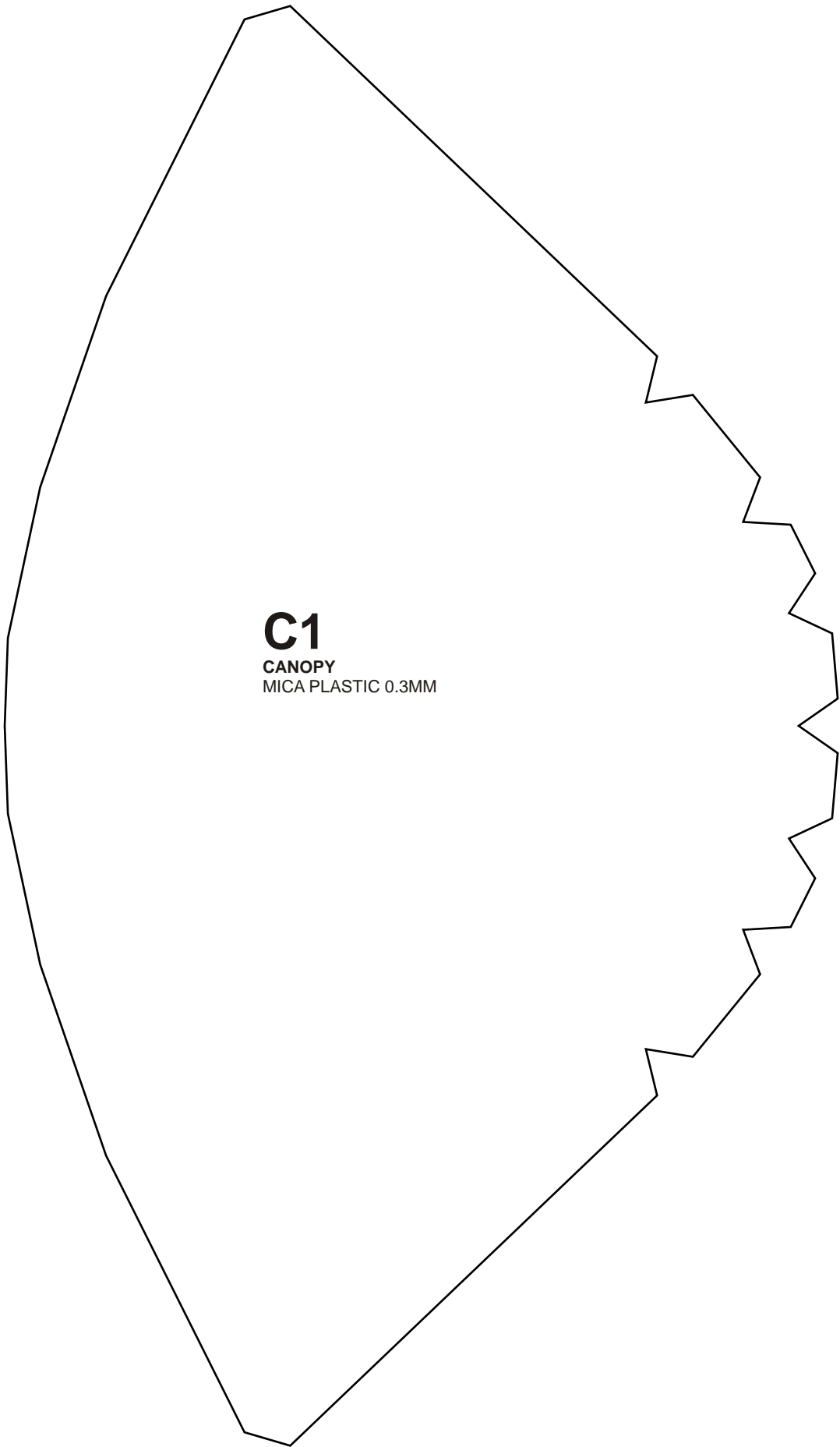
S1

JOIN HERE

S2

ELEVATOR
POLYFOAM/
DEPRON 5MM
2X



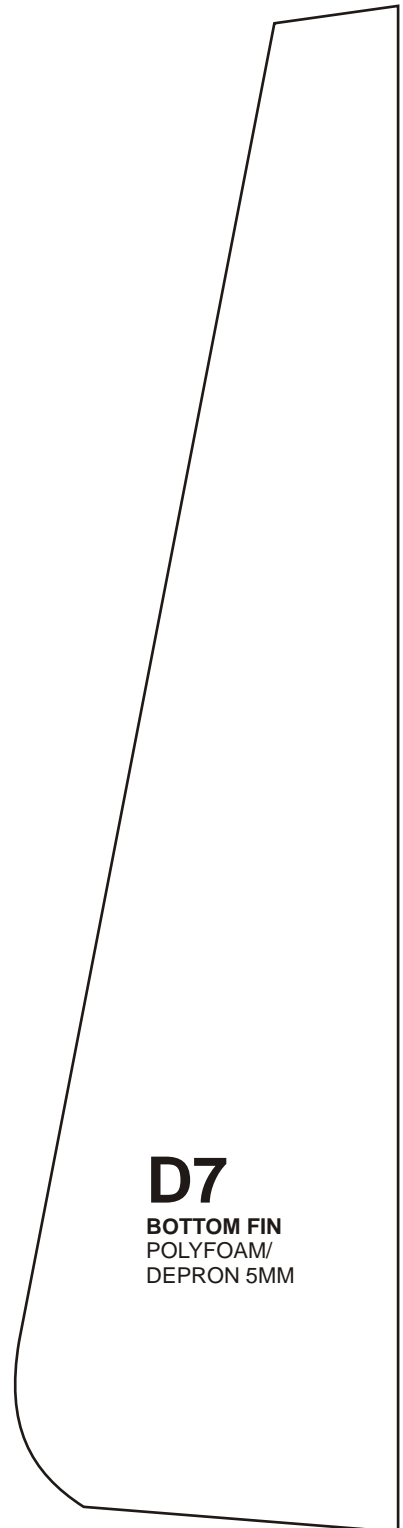
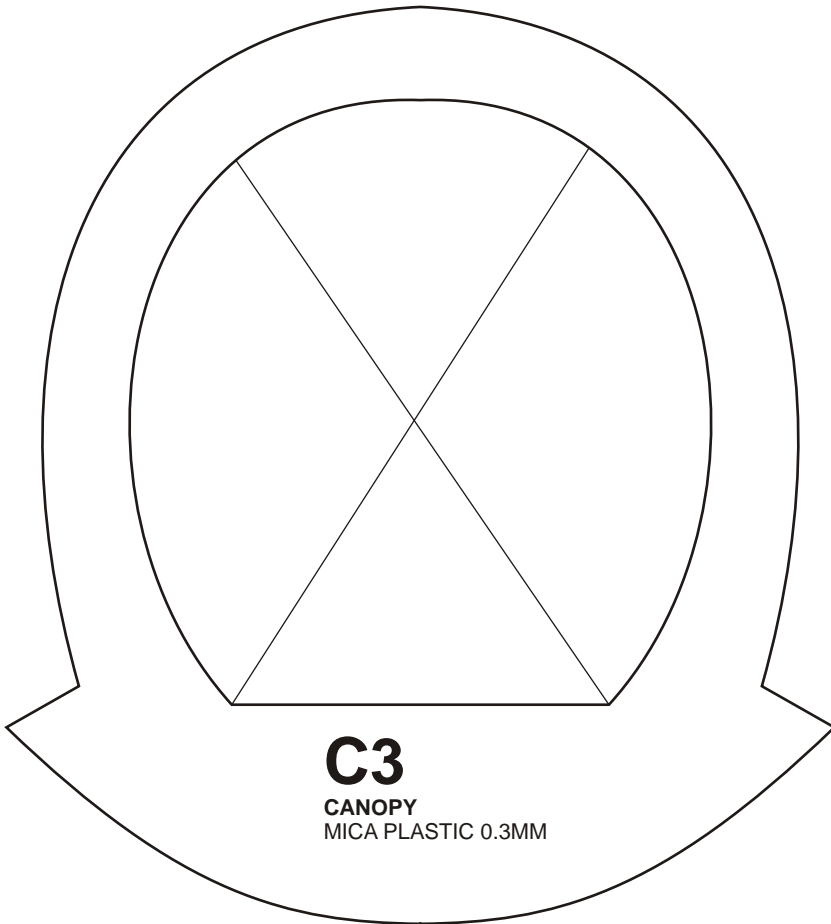
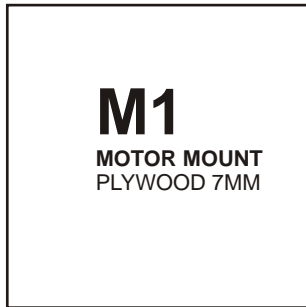
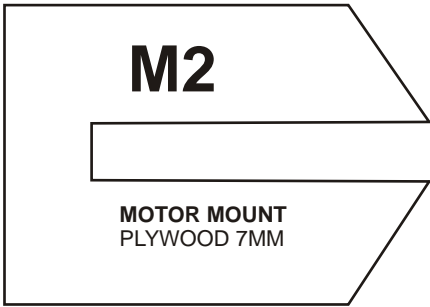
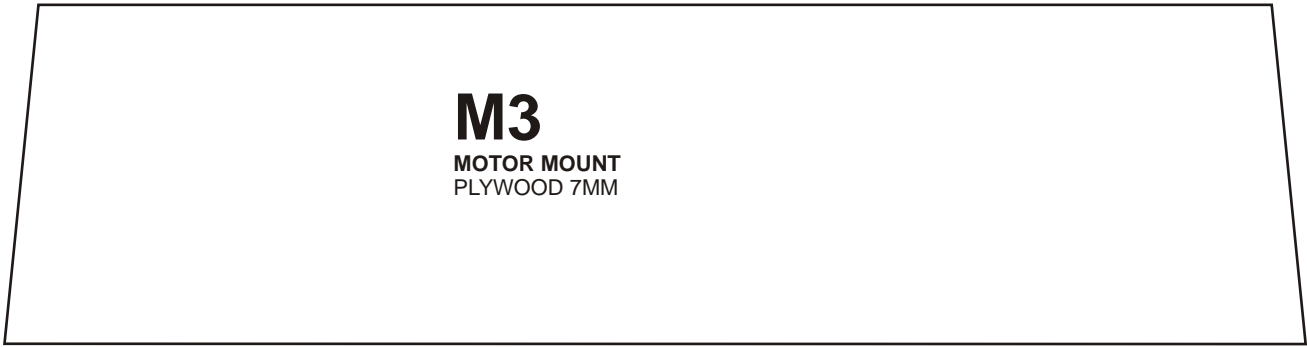


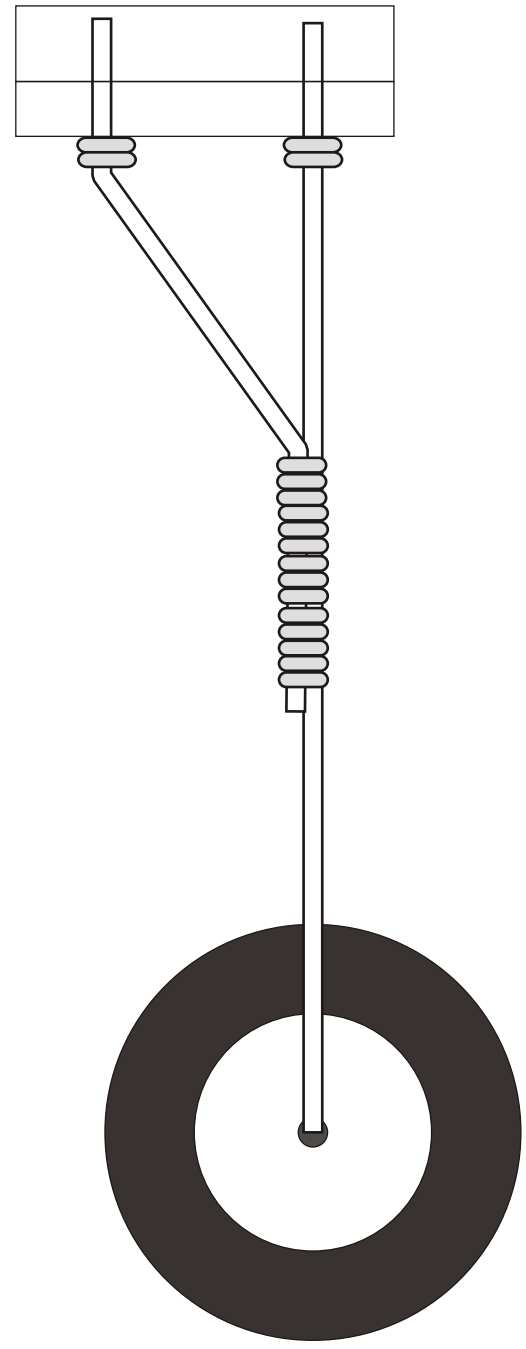
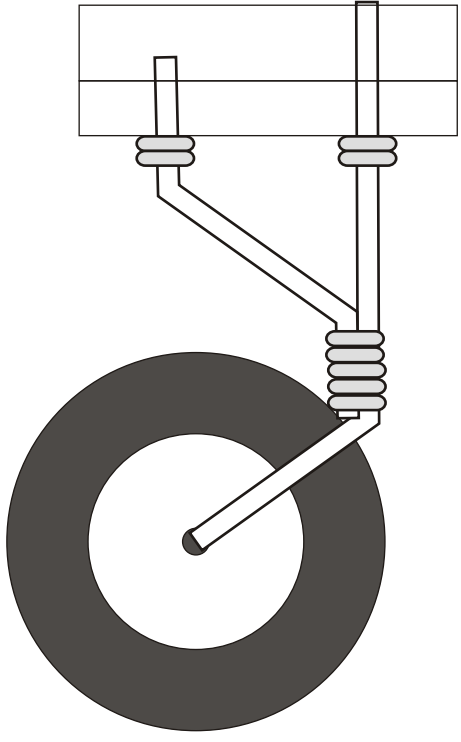
C1
CANOPY
MICA PLASTIC 0.3MM

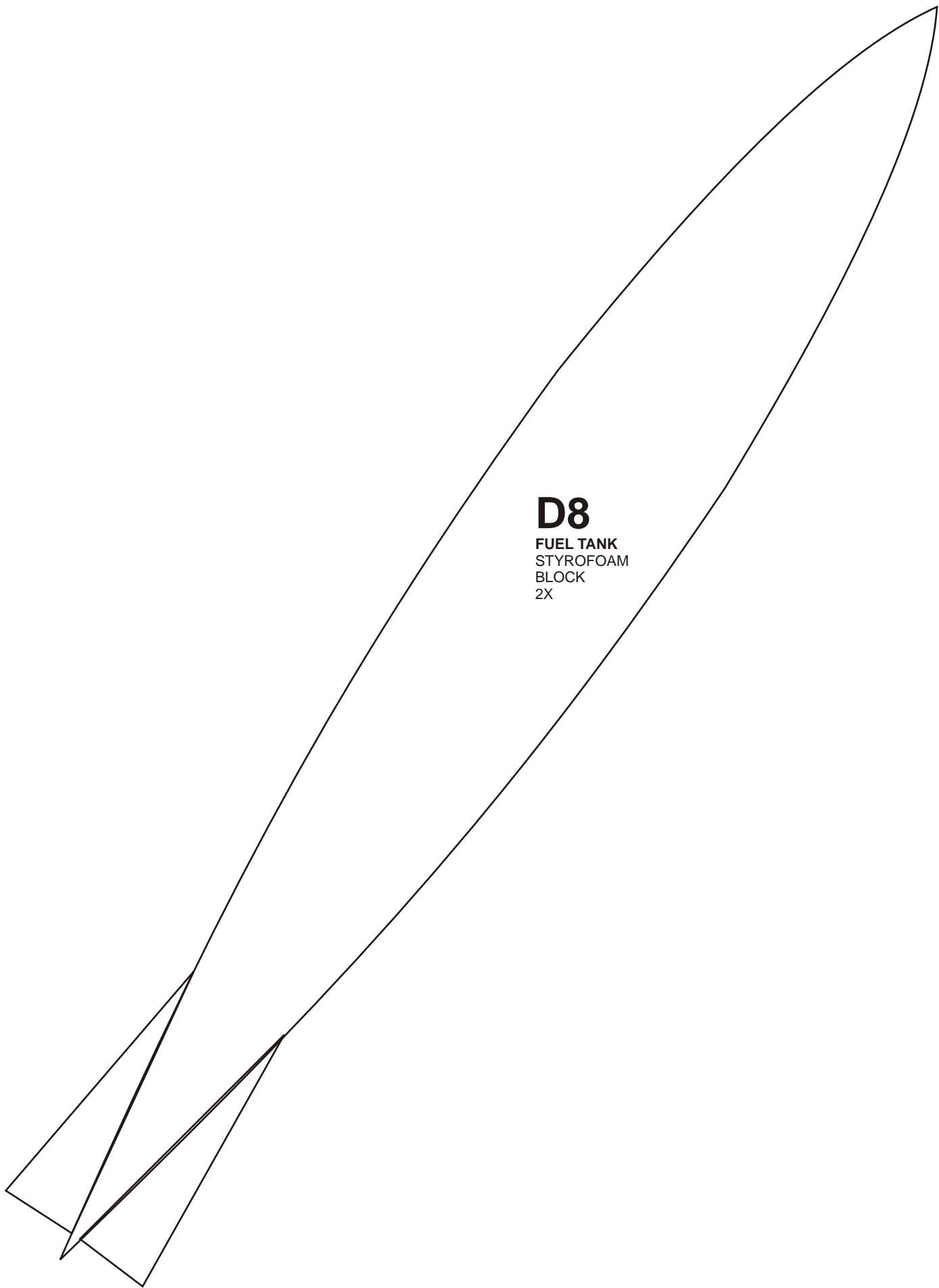


C2

CANOPY
MICA PLASTIC 0.3MM

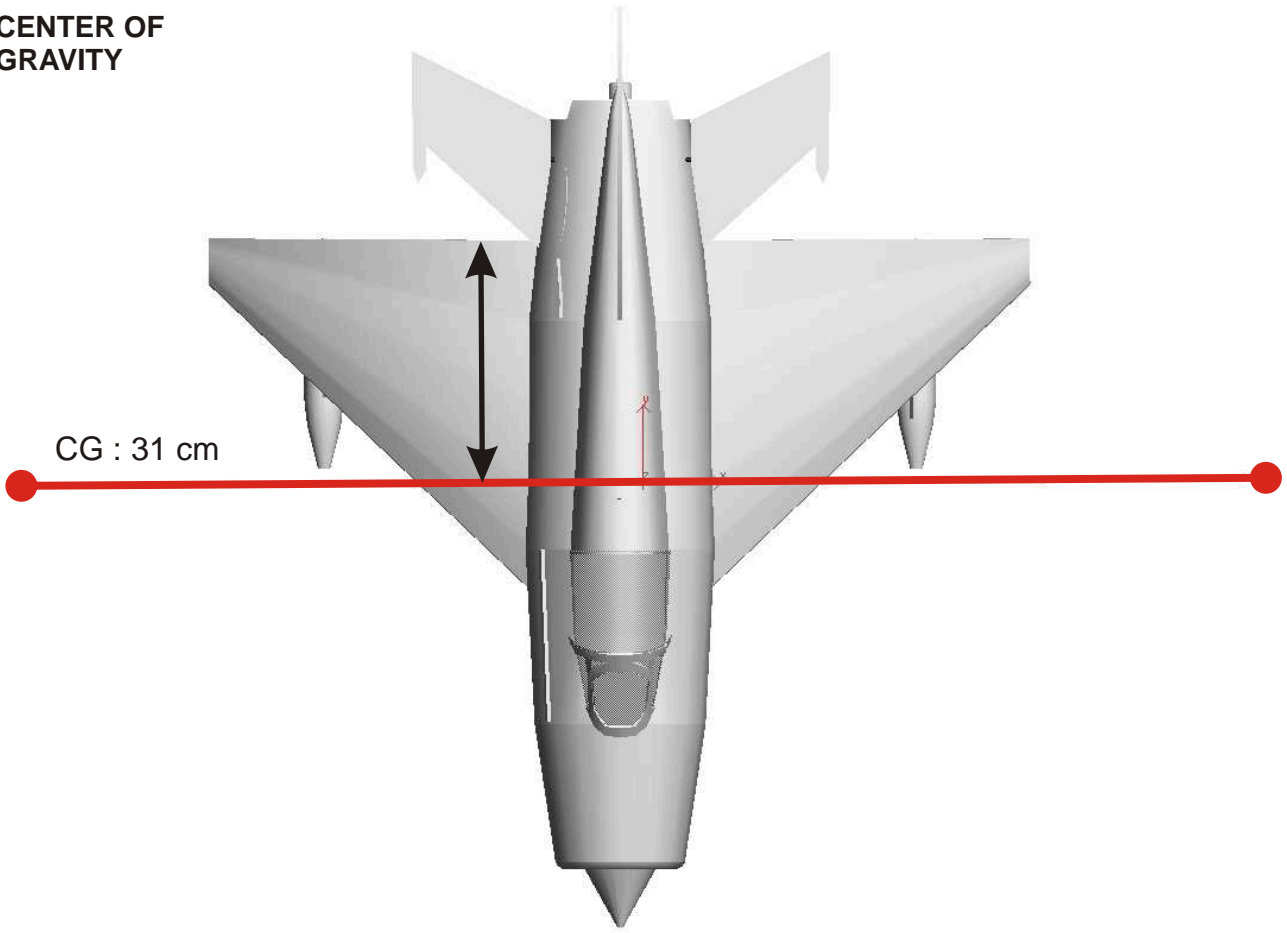






D8
FUEL TANK
STYROFOAM
BLOCK
2X

CENTER OF GRAVITY



ELEVATOR NEUTRAL POSITION

