



Model : 22/2020



Piper Seneca II

1200mm

Specs :

1. Wingspan 1200mm / 47.2 inches
2. Flying weight : 900 grams/ 31.7 oz
3. Wing loading : 43 gram/dm² - 14.1 oz/sq.ft.
4. Wing cube loading : 9.4
5. Wing Area : 20.9 dm² / 324 sq.in.
6. CG : 3.5 cm

Electronics

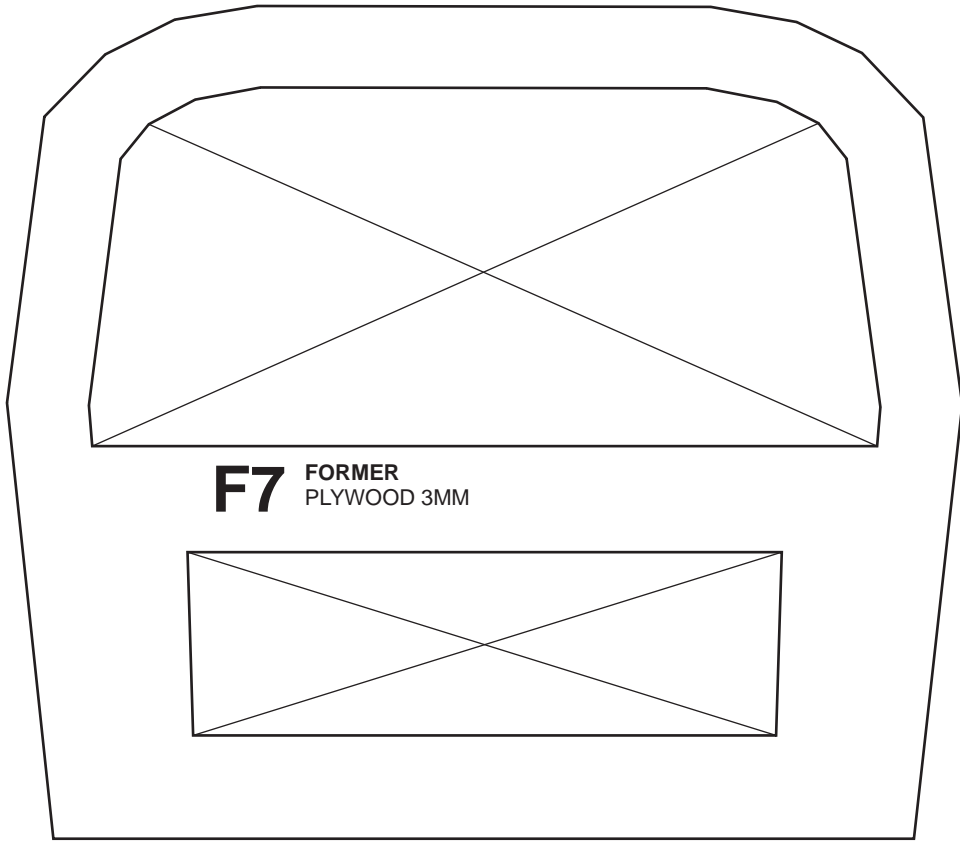
- 2305 2300-2700kv brushless motor with 6 inch 3 blade propeller (x2)
- BLHeli 30A ESC (x2)
- Battery Lipo 3S 2200mah / Li-on 3000mah
- 4 plastic gear 9 gram servos (micro servo)

Materials :

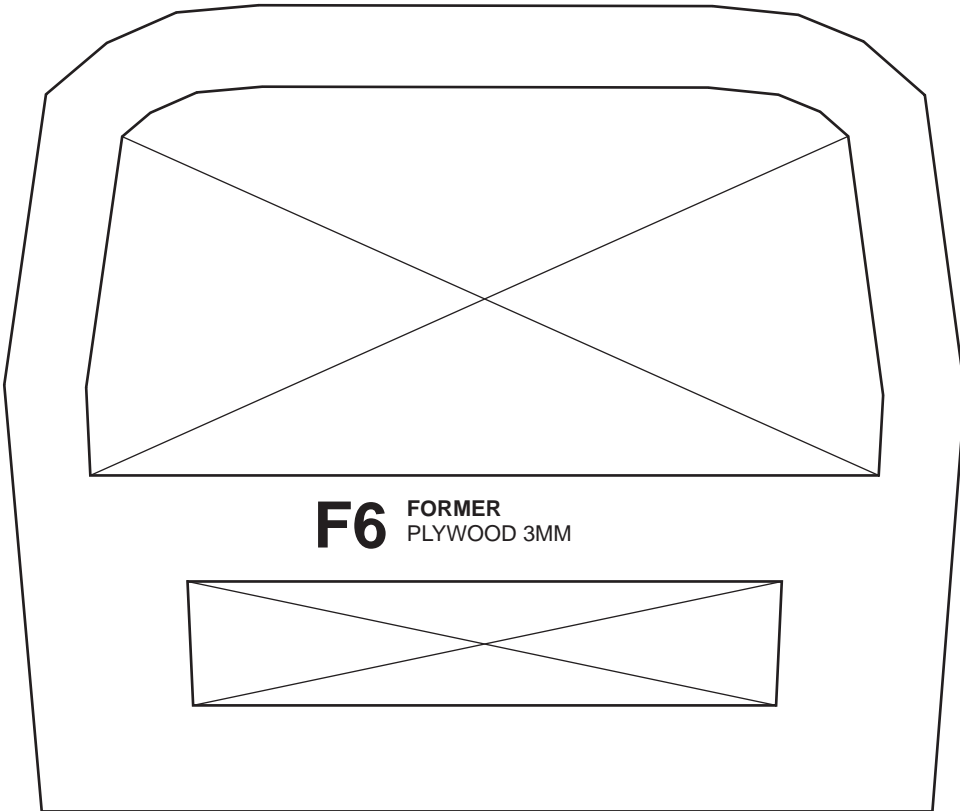
1. 5mm Depron/ Polyfoam
2. 3mm + 7mm Plywood
3. 0.3mm + 0.5mm Mica Plastic
4. hot glue, UHU glue, CA glue
5. packing tap/wax paper/ laminating film

Build Instructions :

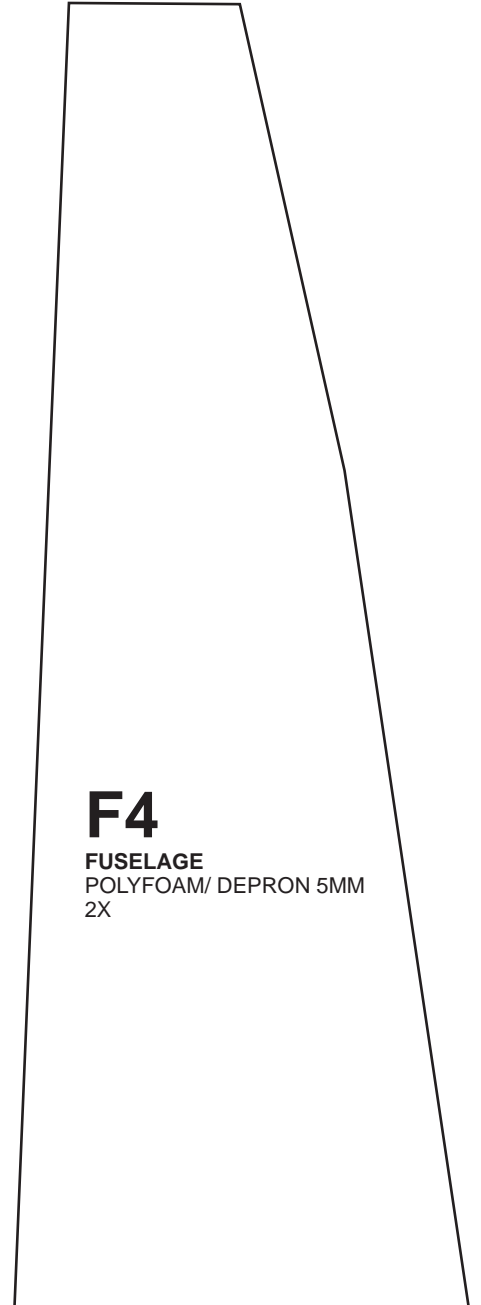
1. paper-replika.com
2. youtube channel : Julius Perdana



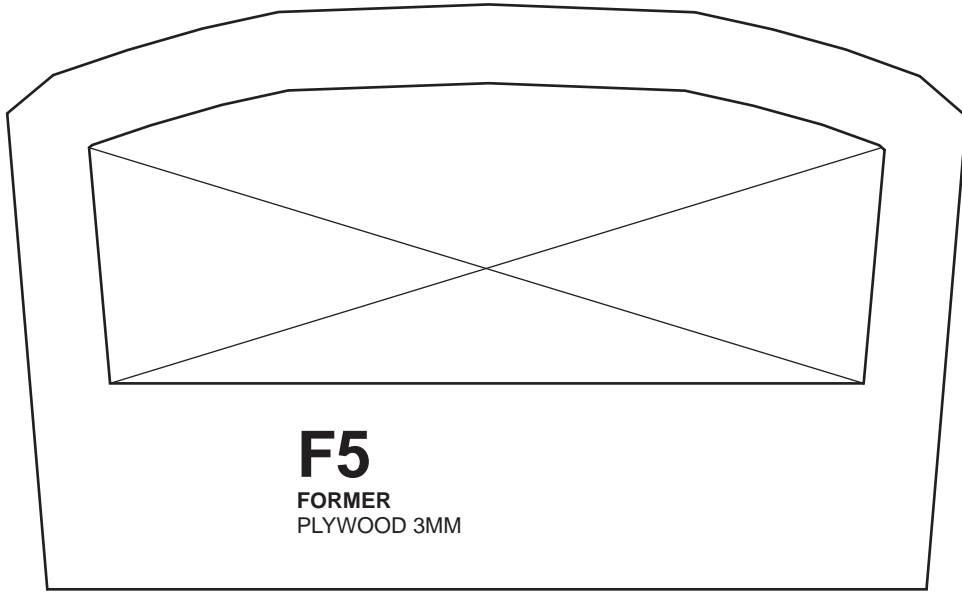
F7 FORMER
PLYWOOD 3MM



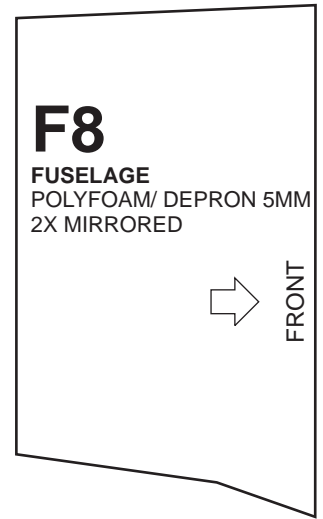
F6 FORMER
PLYWOOD 3MM



F4
FUSELAGE
POLYFOAM/ DEPRON 5MM
2X



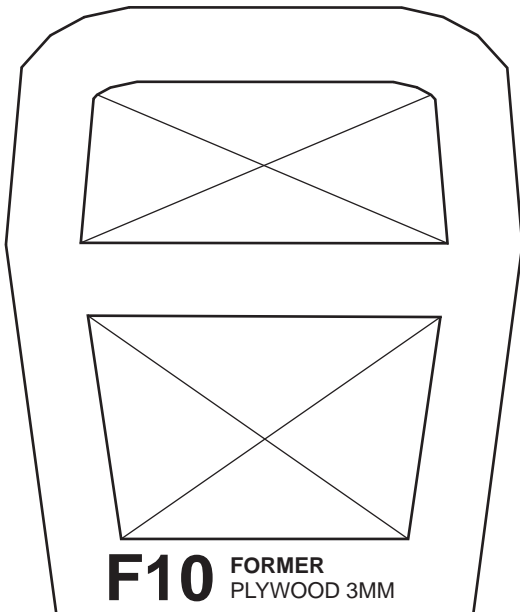
F5
FORMER
PLYWOOD 3MM



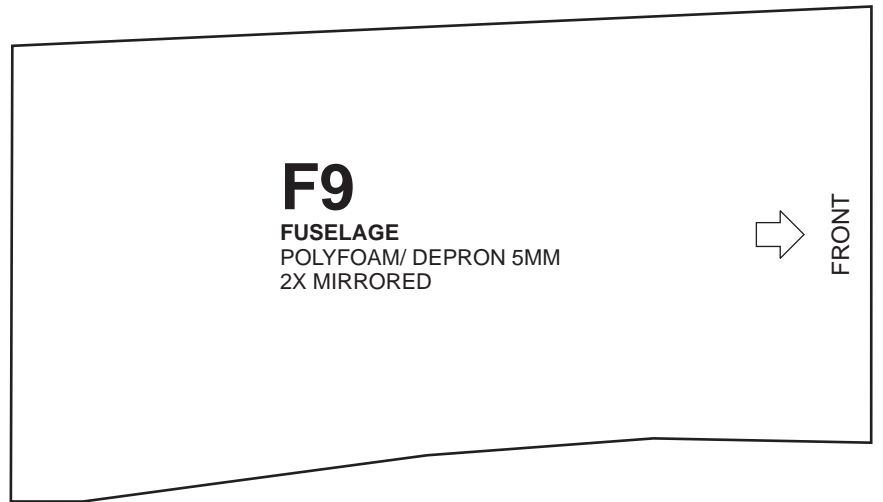
F8
FUSELAGE
POLYFOAM/ DEPRON 5MM
2X MIRRORED



FRONT



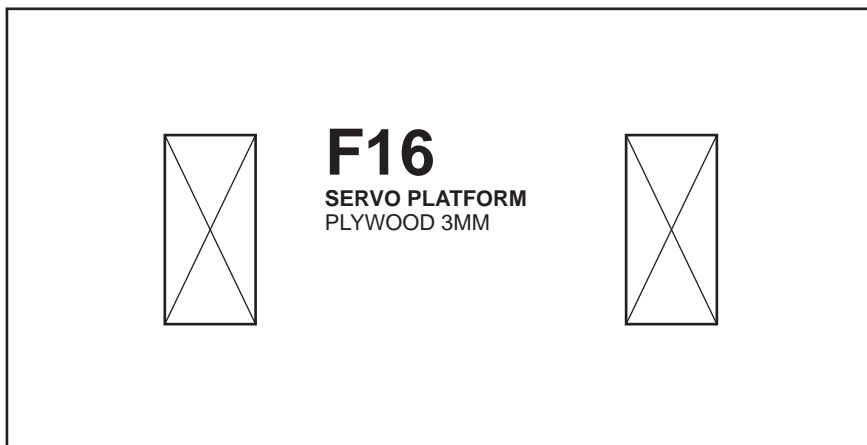
F10 FORMER
PLYWOOD 3MM



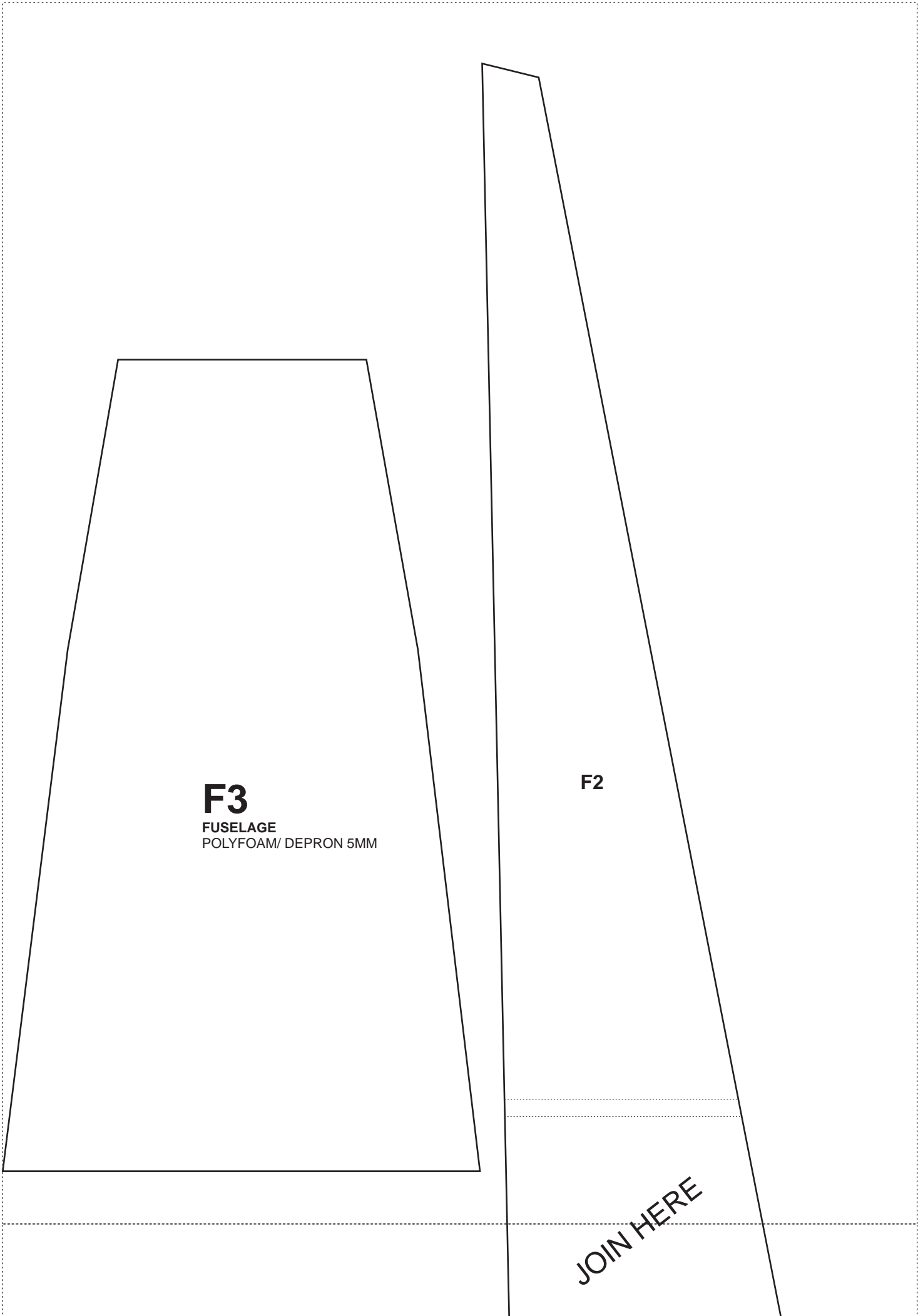
F9
FUSELAGE
POLYFOAM/ DEPRON 5MM
2X MIRRORED



FRONT



F16
SERVO PLATFORM
PLYWOOD 3MM



F3
FUSELAGE
POLYFOAM/ DEPRON 5MM

F2

JOIN HERE

JOIN HERE

F2

F1

JOIN HERE

JOIN HERE

JOIN HERE

JOIN HERE

F2

FUSELAGE
POLYFOAM/ DEPRON 5MM
2X MIRRORED

F1

JOIN HERE

JOIN HERE

JOIN HERE

JOIN HERE

F2

F1

FUSELAGE
POLYFOAM/ DEPRON 5MM

JOIN HERE

JOIN HERE

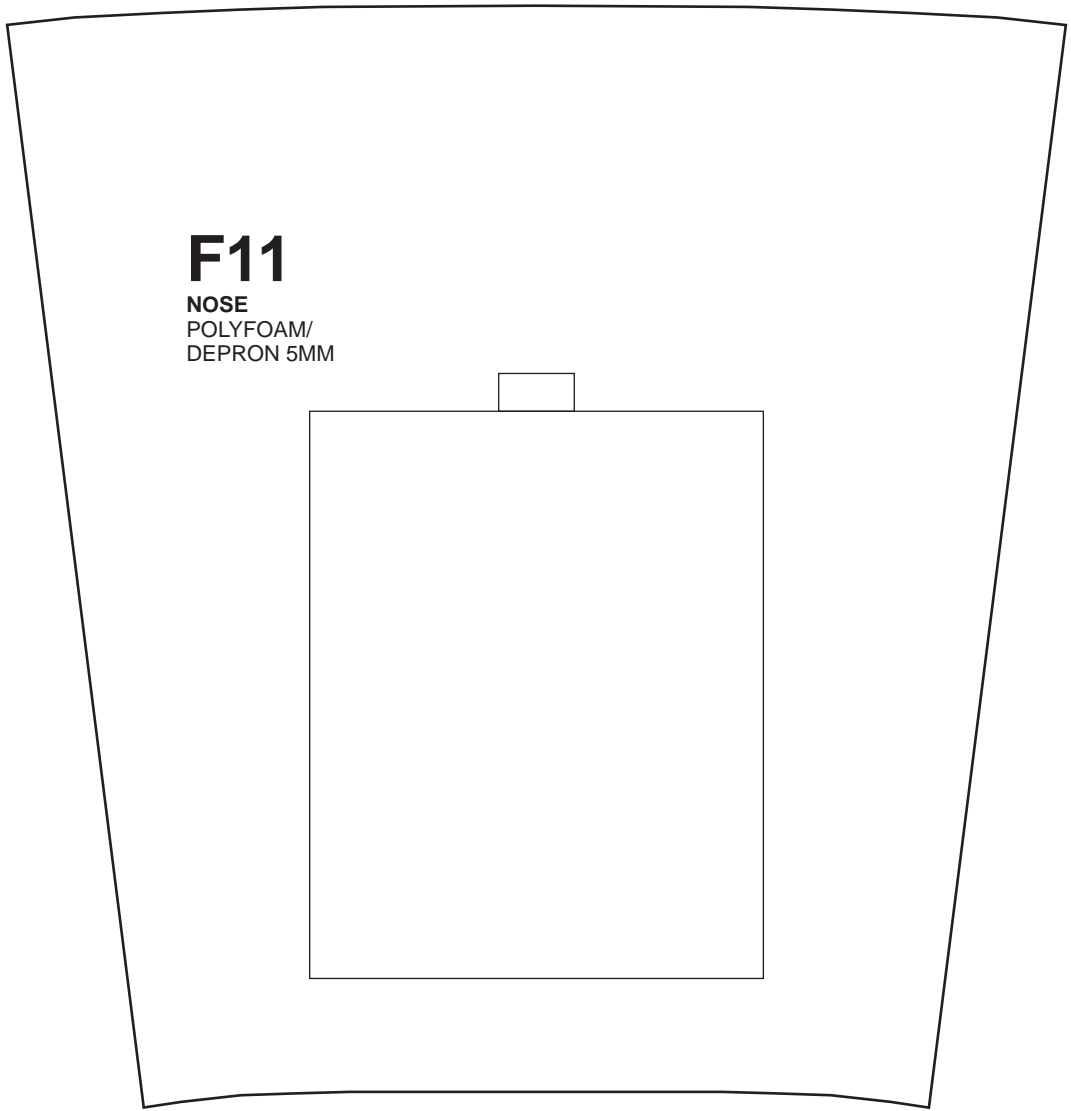
F1

T1

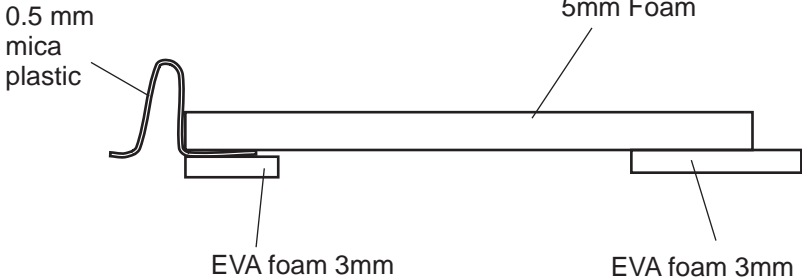
NOSE
TRACE ON
FOAM BLOCK

F12

NOSE
POLYFOAM/
DEPRON 5MM



LOCK SYSTEM





F13

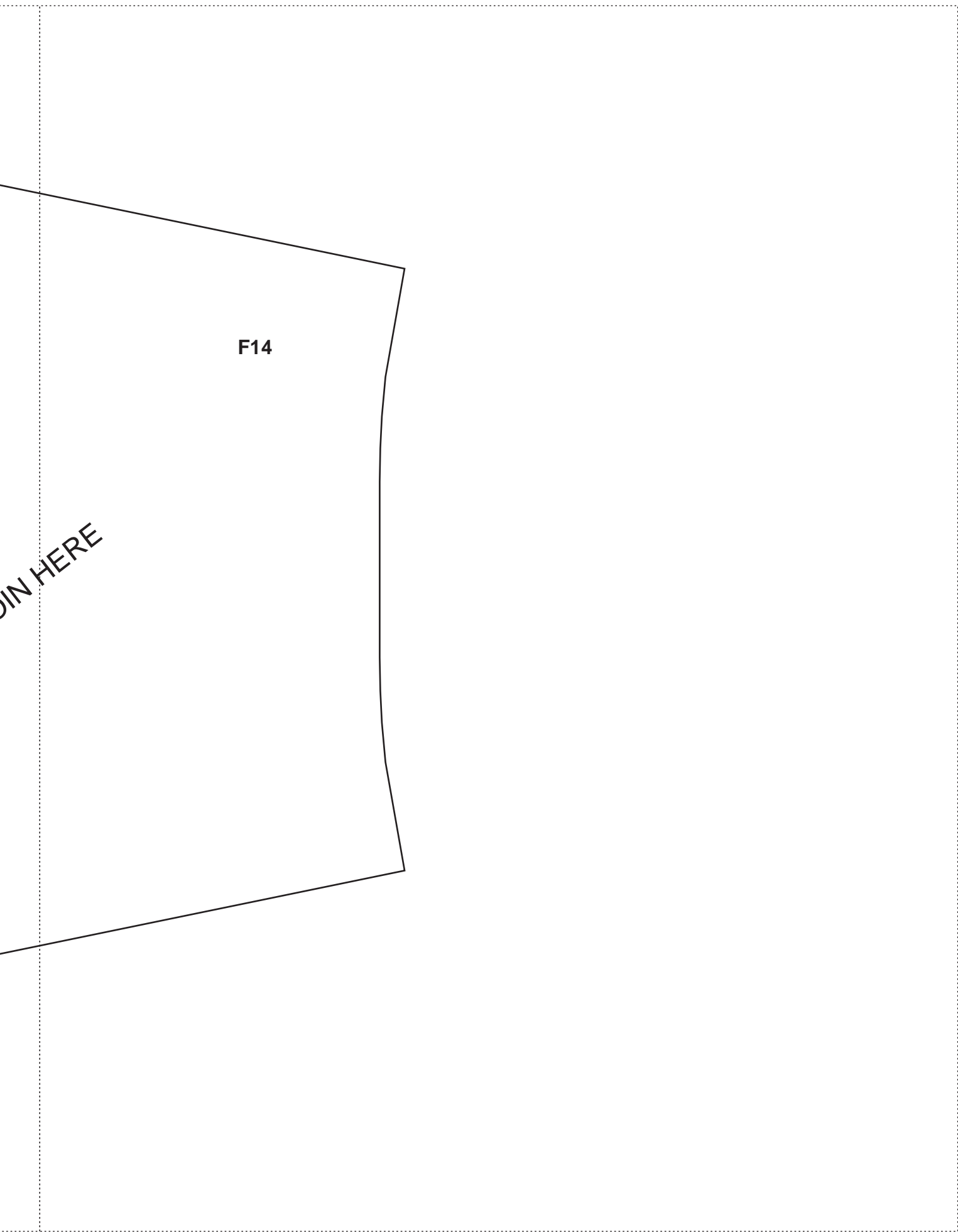
FUSELAGE
POLYFOAM/
DEPRON 5MM



F14

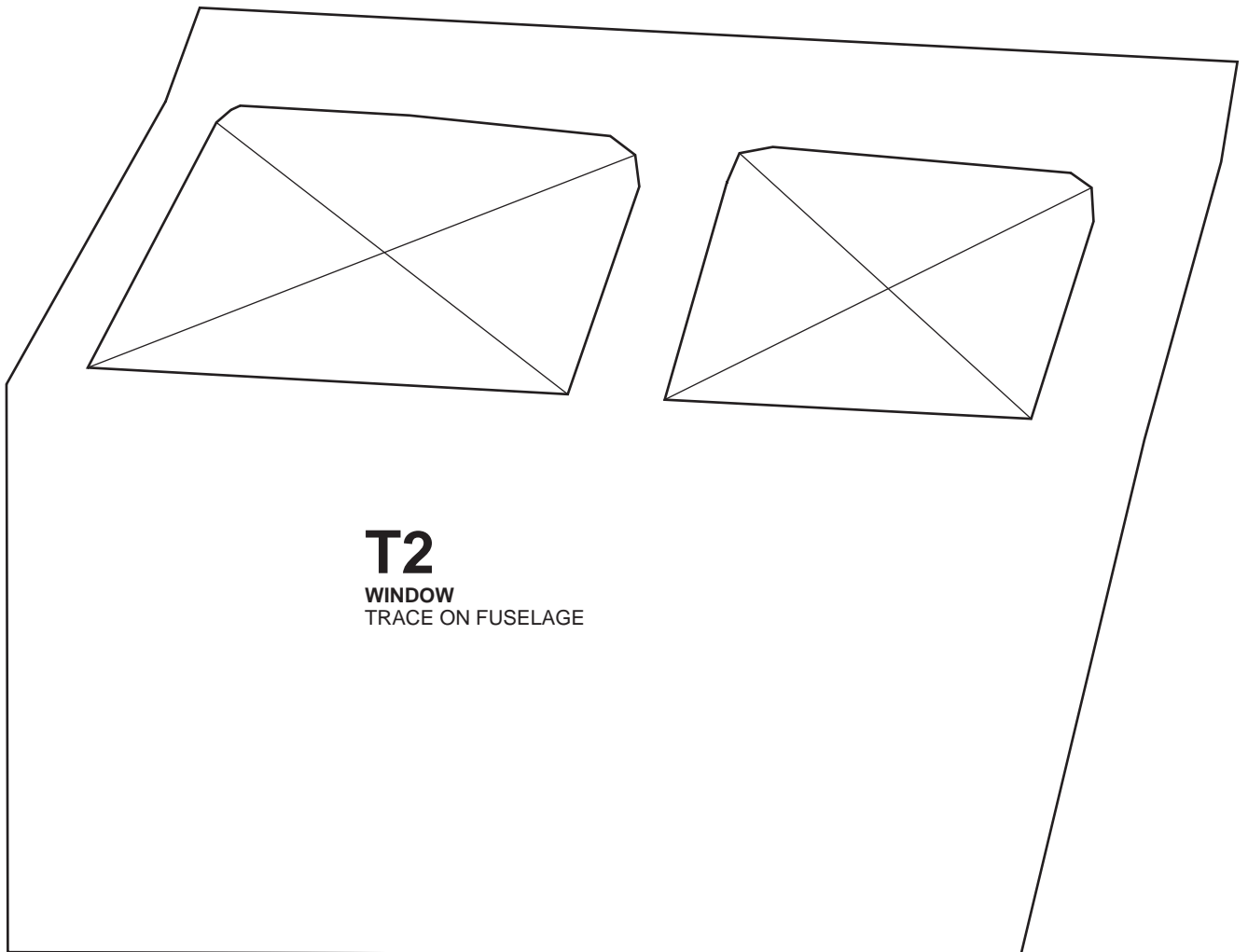
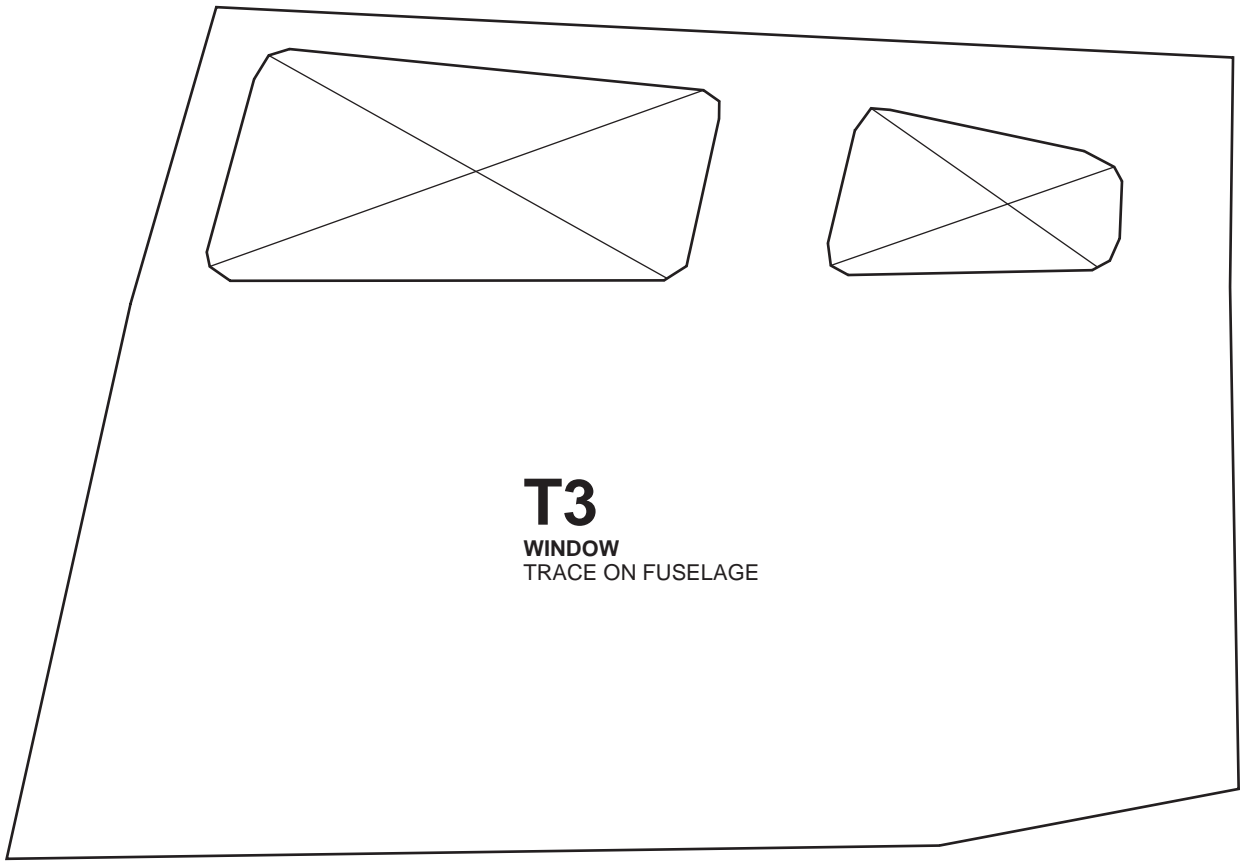
FUSELAGE
POLYFOAM/
DEPRON 5MM

JOIN HERE



F14

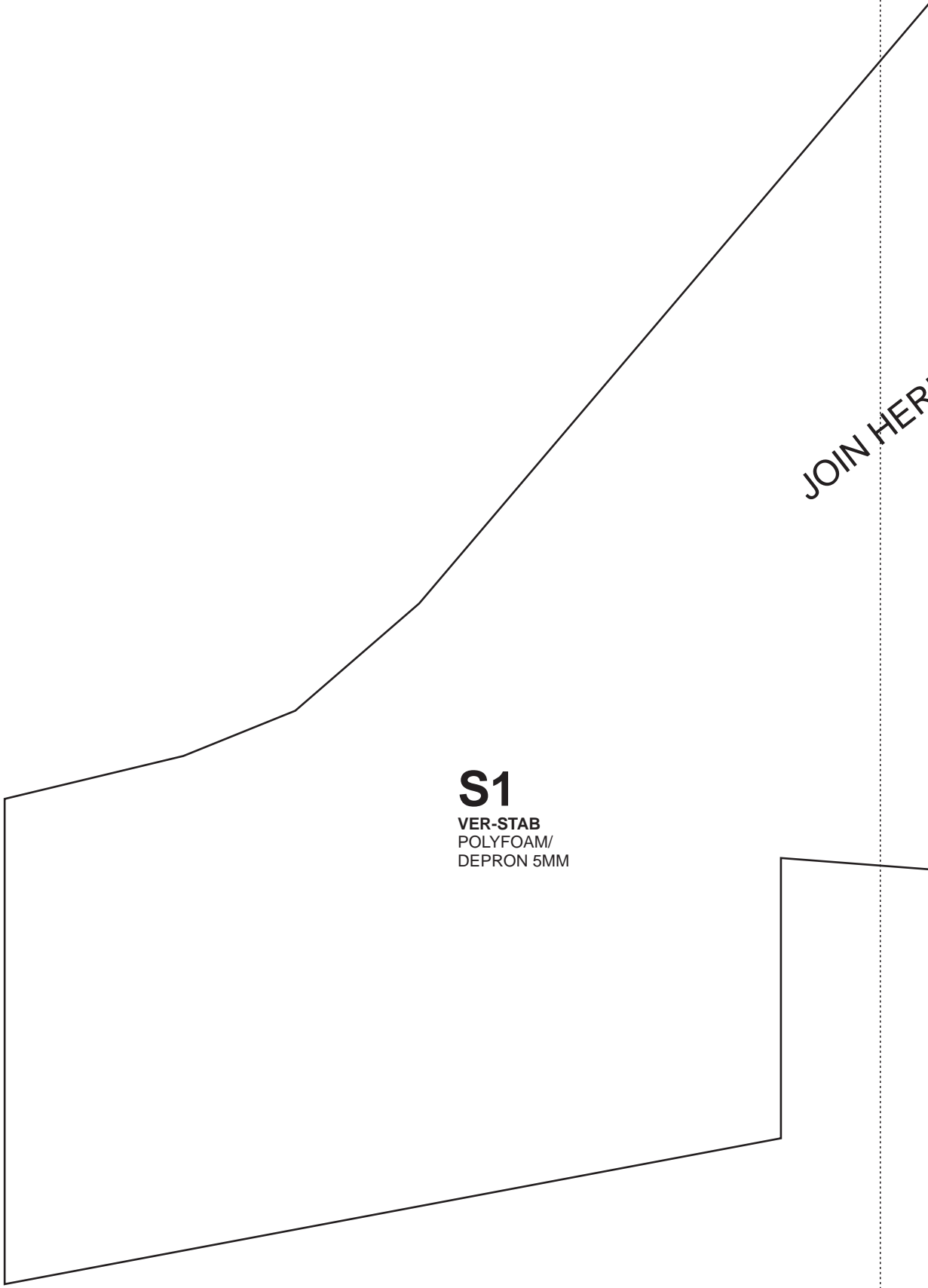
JOIN HERE



JOIN HERE

S1

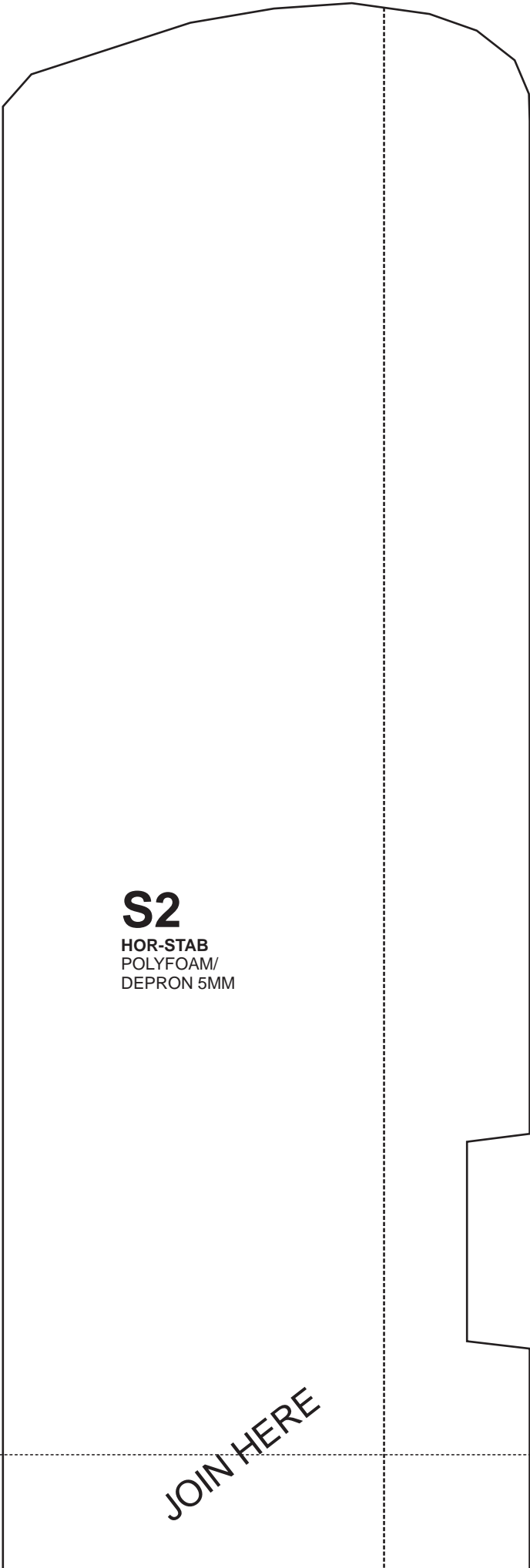
VER-STAB
POLYFOAM/
DEPRON 5MM



JOIN HERE

S1

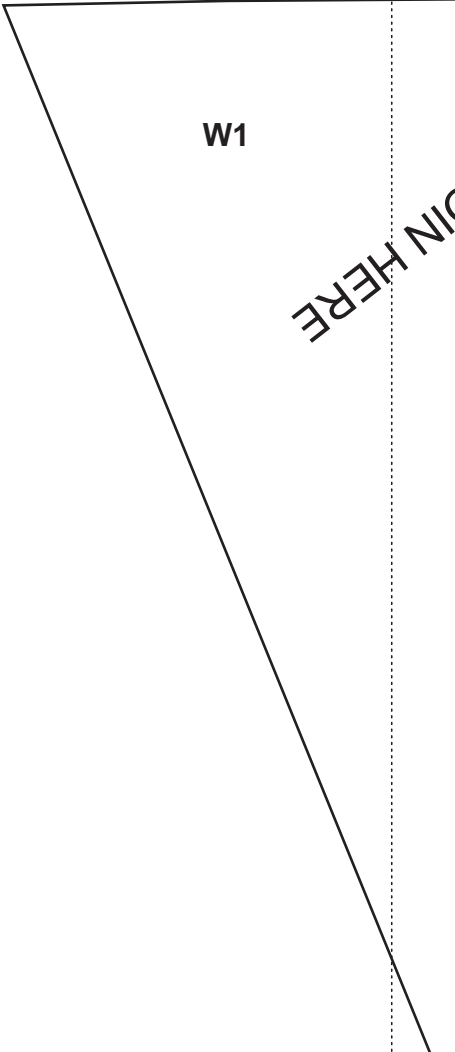
F15
FUSELAGE
POLYFOAM/
DEPRON 5MM



S2

HOR-STAB
POLYFOAM/
DEPRON 5MM

JOIN HERE



W1

JOIN HERE

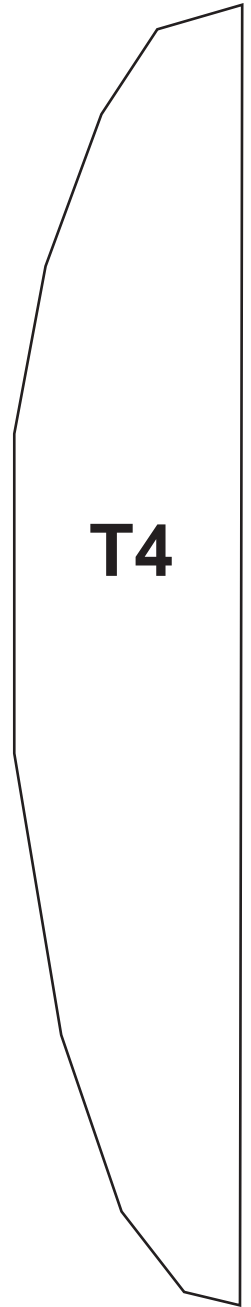
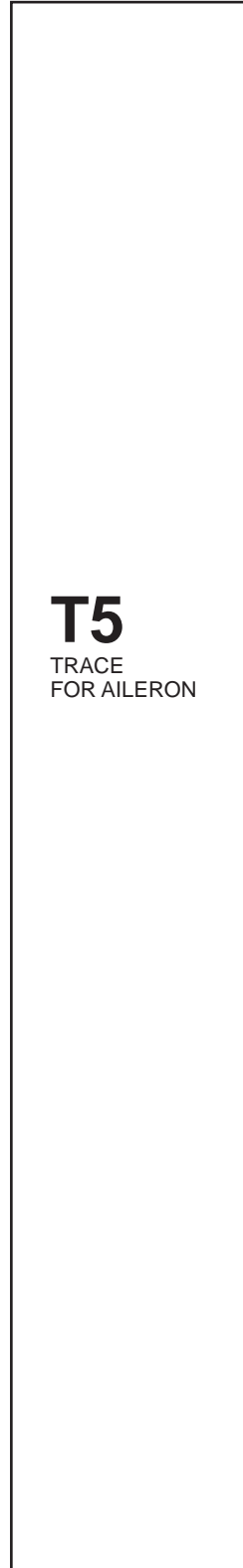
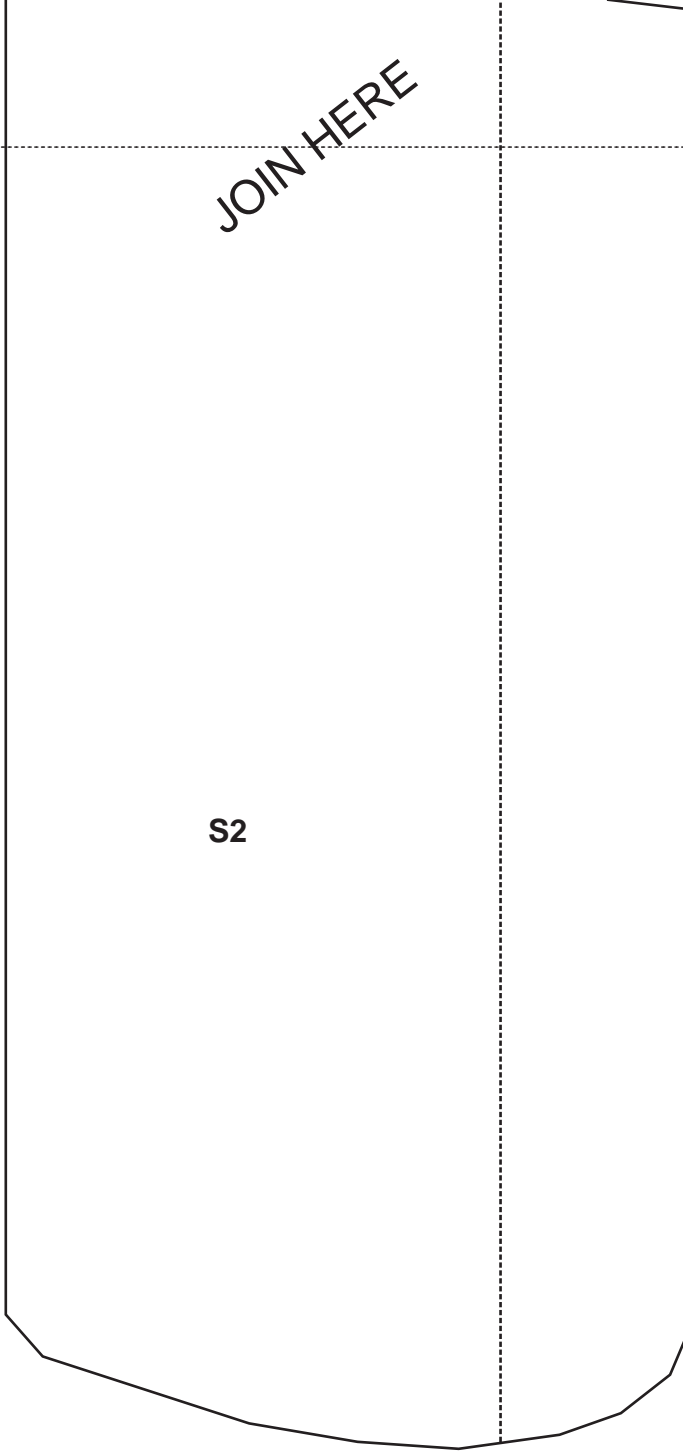
JOIN HERE

S2

T5

TRACE
FOR AILERON

T4





W4

AIRFOIL
POLYFOAM/ DEPRON 5MM
X2



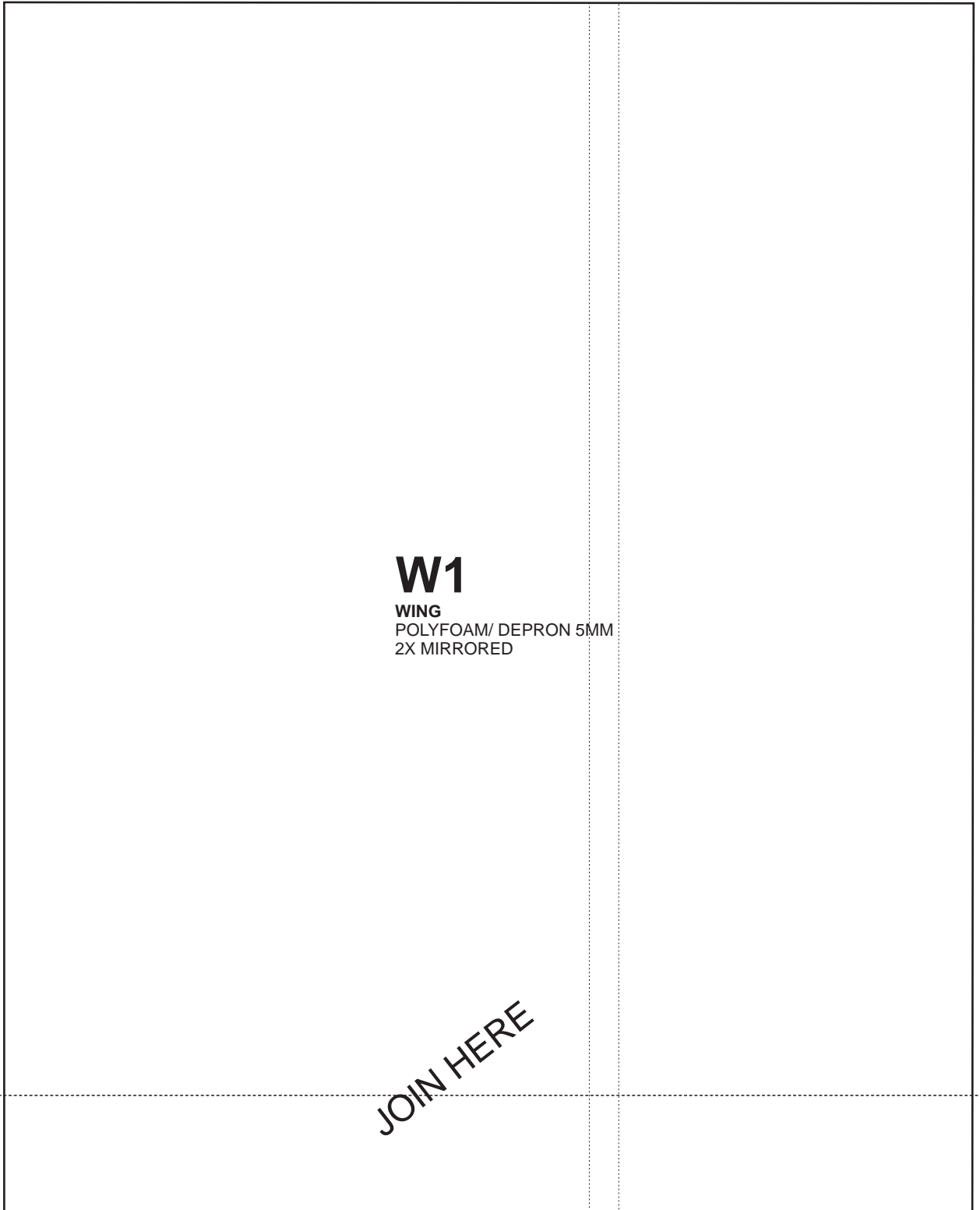
W2

AIRFOIL
POLYFOAM/ DEPRON 5MM
X2



SPAR
POLYFOAM/ DEPRON 5MM
X2

W3



W1

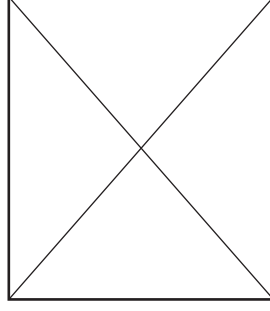
WING
POLYFOAM/ DEPRON 5MM
2X MIRRORED

JOIN HERE

JOIN HERE

JOIN HERE

JOIN HERE



W3

W1

JOIN HERE

JOIN HERE

JOIN HERE

JOIN HERE

JOIN HER

W3

W1

W5

W6 SPAR
POLYFOAM/ DEPRON 5MM X2

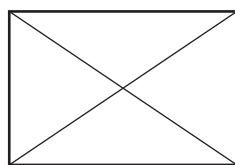
W7

JOIN HERE

JOIN HERE

W7

WING
POLYFOAM/ DEPRON 5MM
2X MIRRORED



JOIN HERE

JOIN HERE

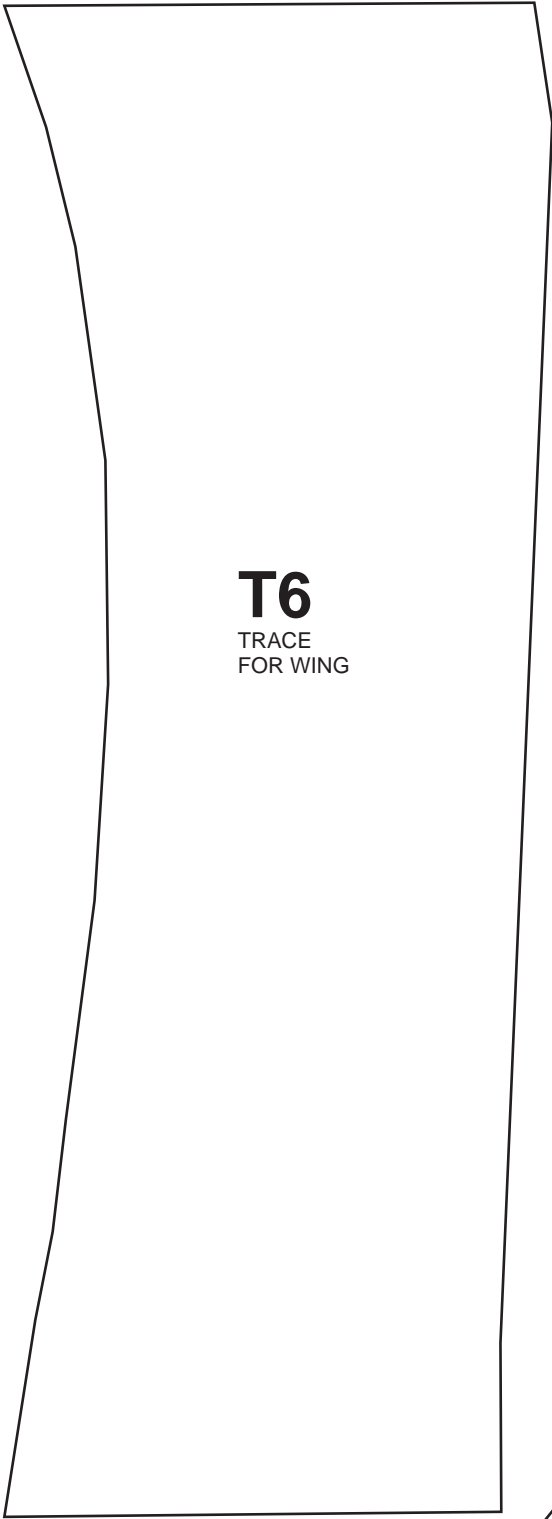


W7

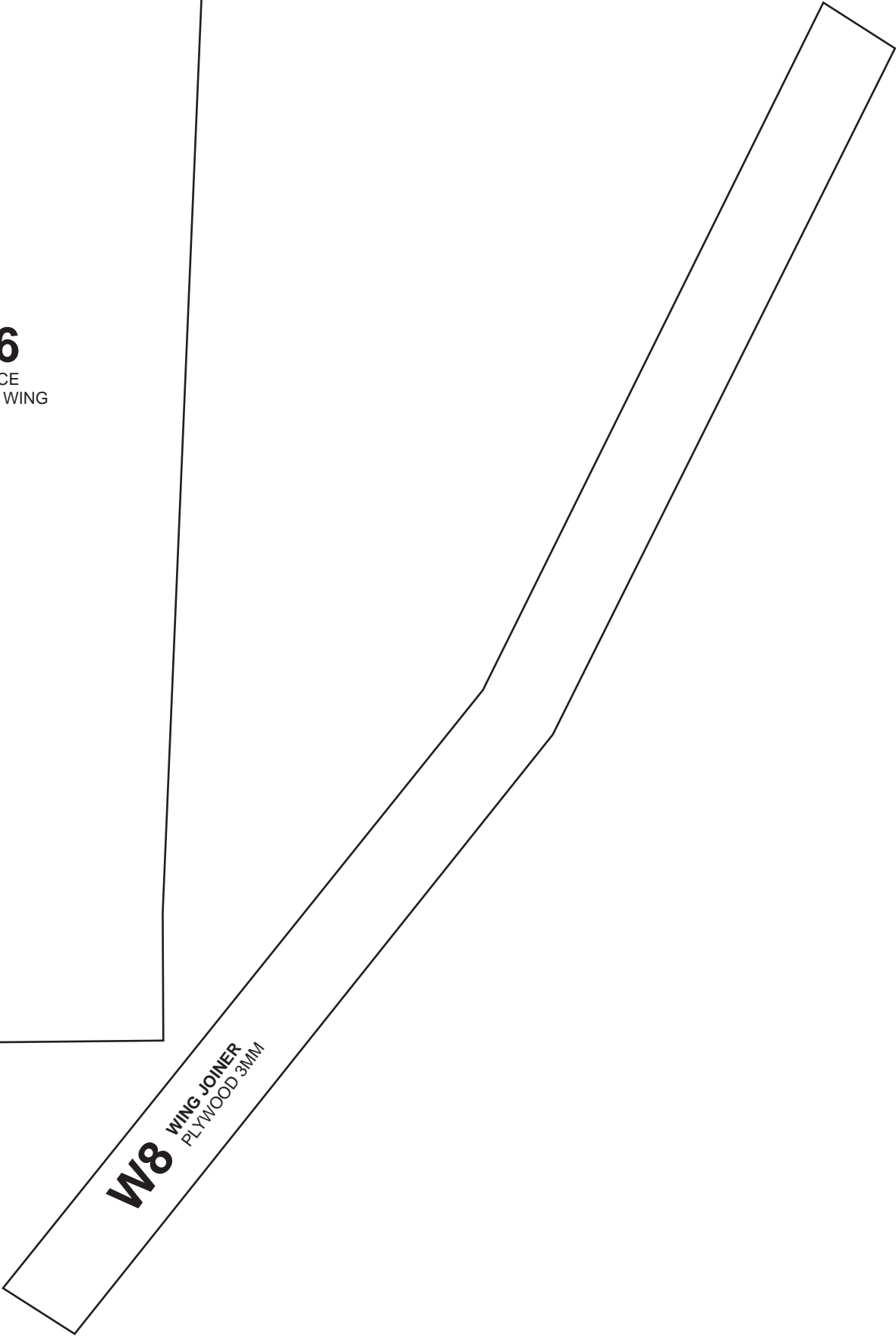
JOIN HERE

W7

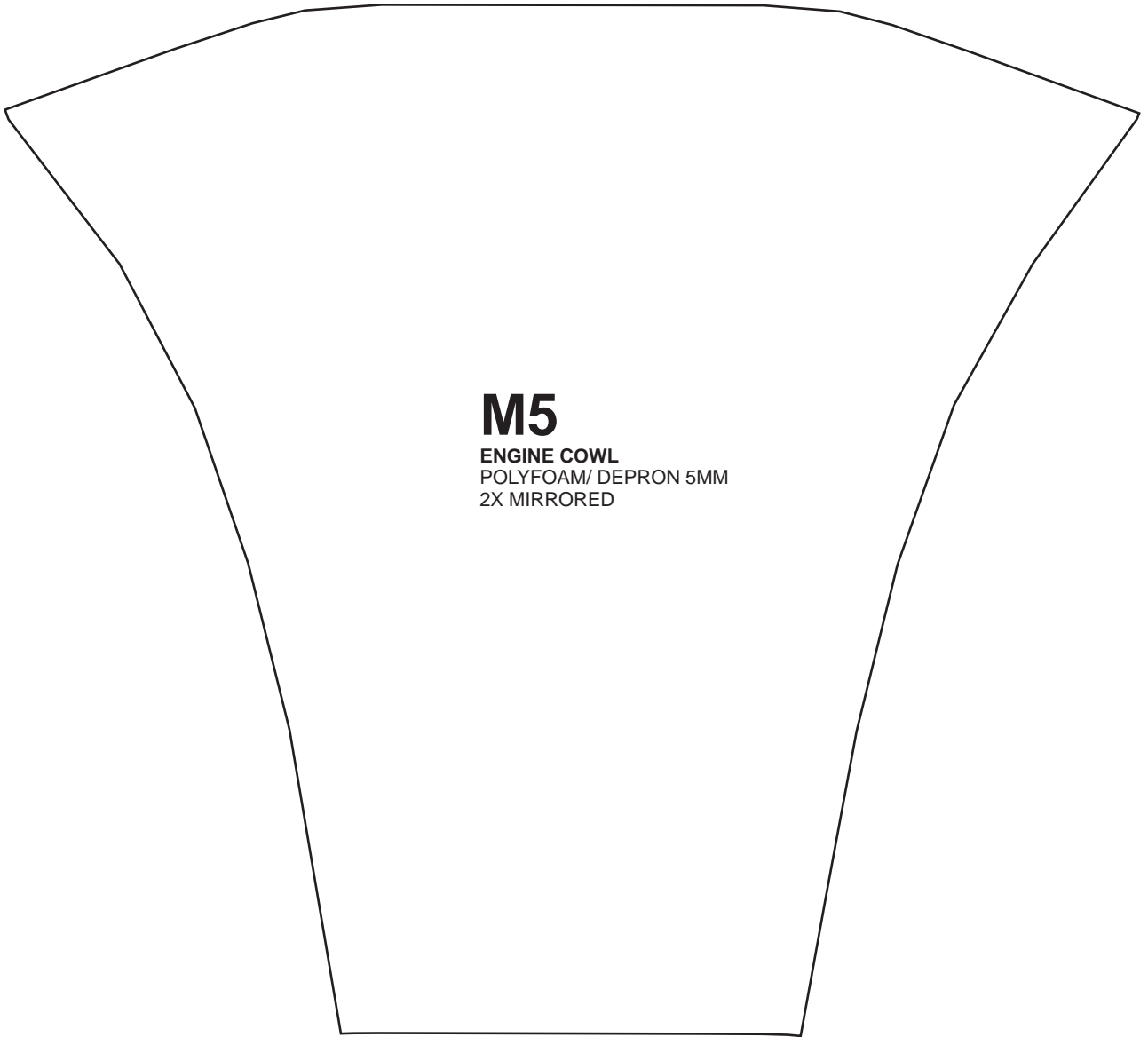
JOIN HERE



T6
TRACE
FOR WING

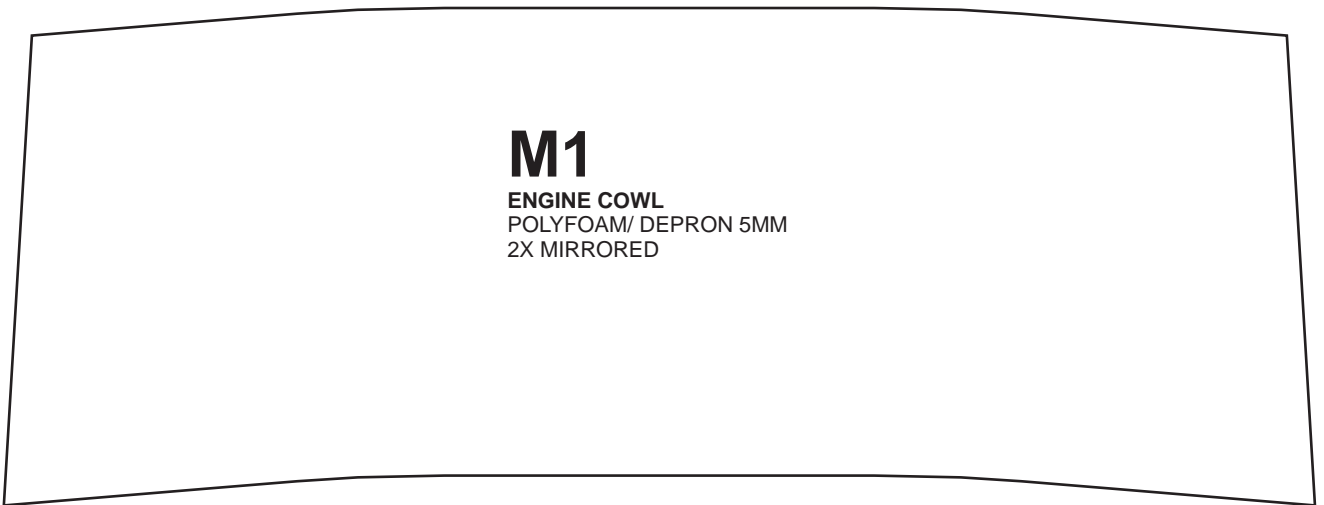


W8 WING JOINER
PLYWOOD 3MM



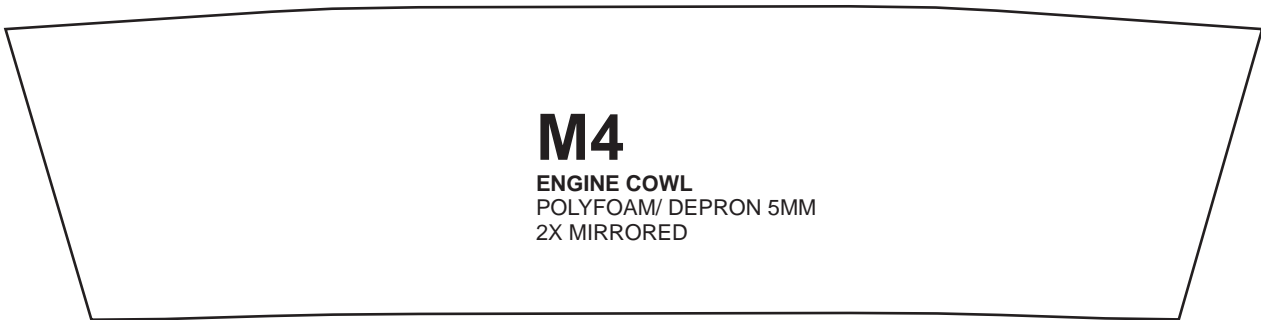
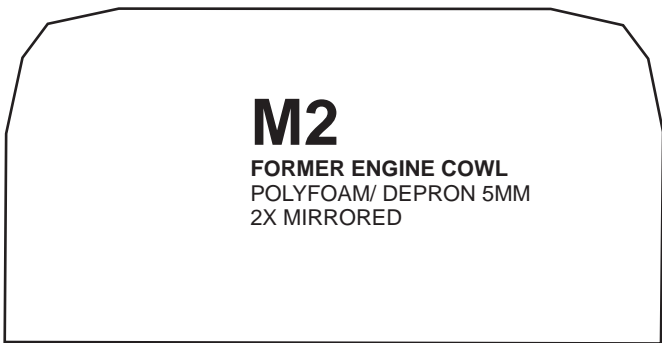
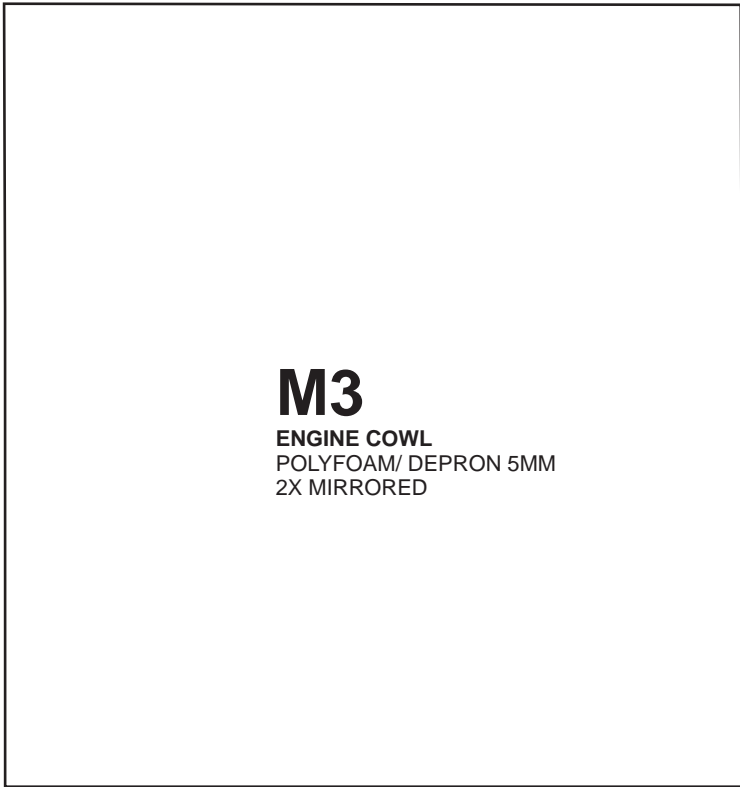
M5

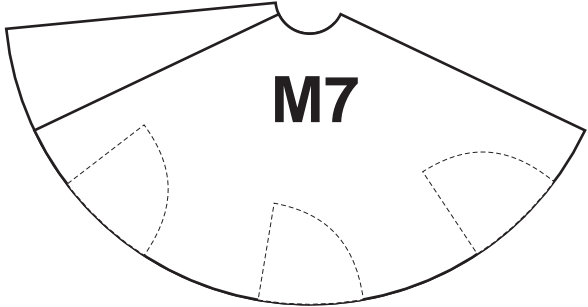
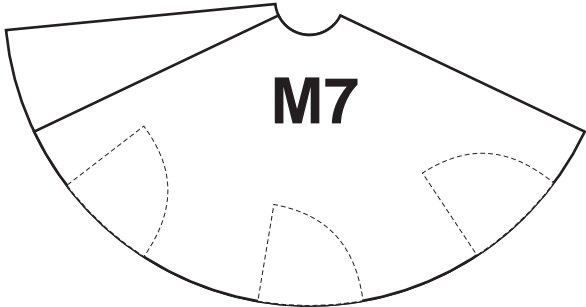
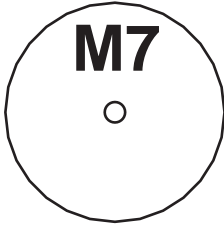
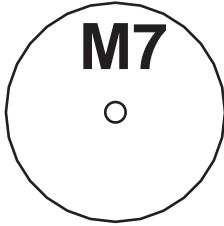
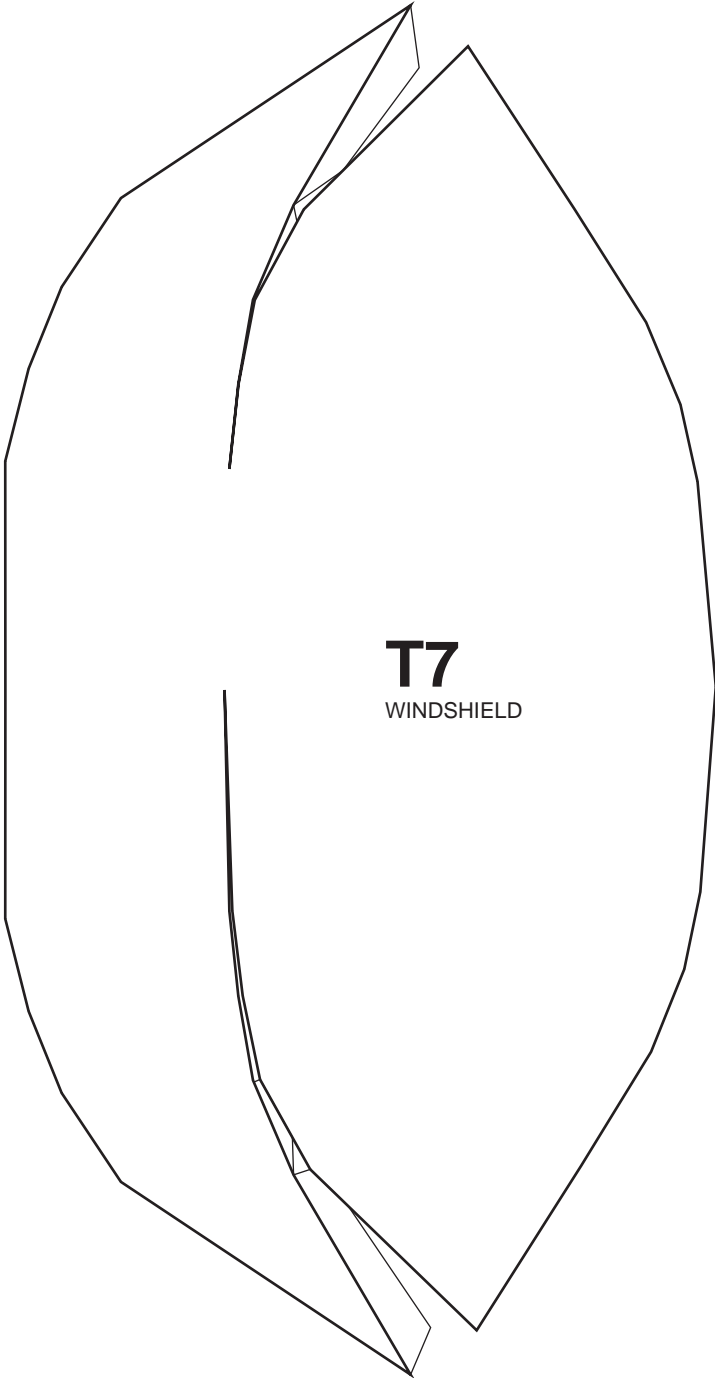
ENGINE COWL
POLYFOAM/ DEPRON 5MM
2X MIRRORED

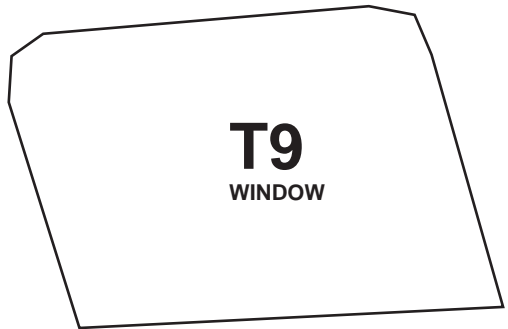
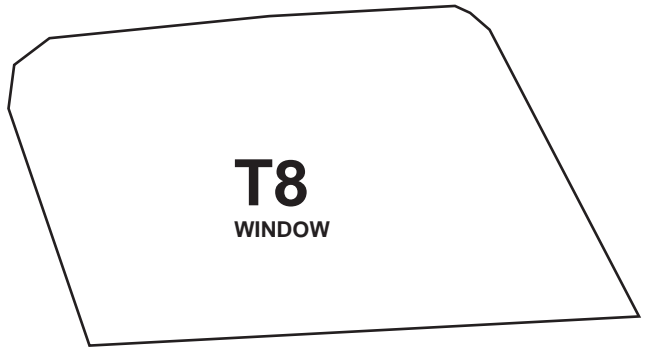
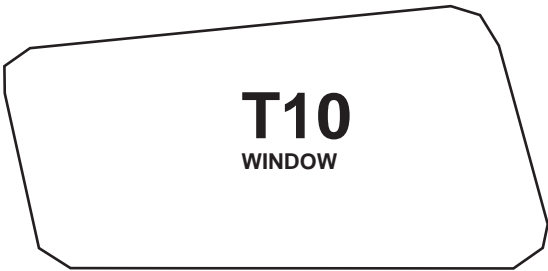
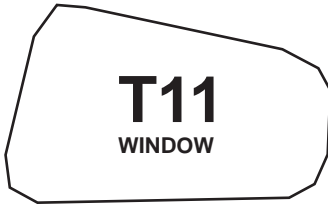
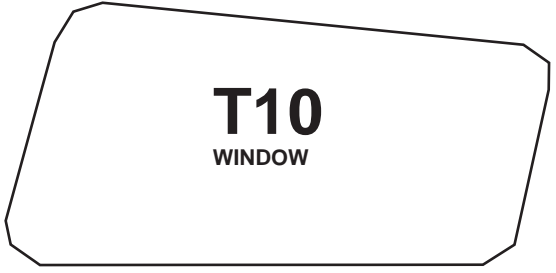
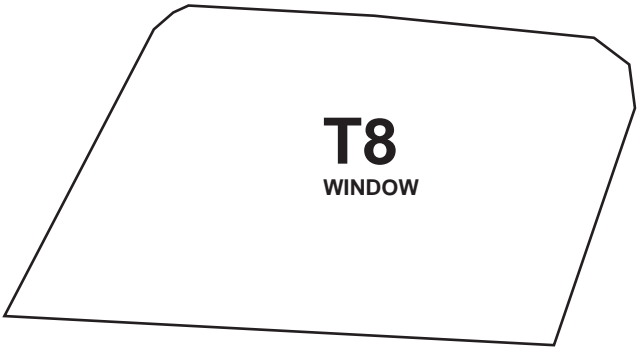


M1

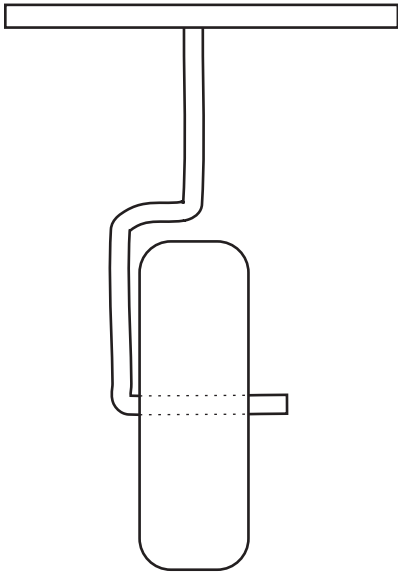
ENGINE COWL
POLYFOAM/ DEPRON 5MM
2X MIRRORED



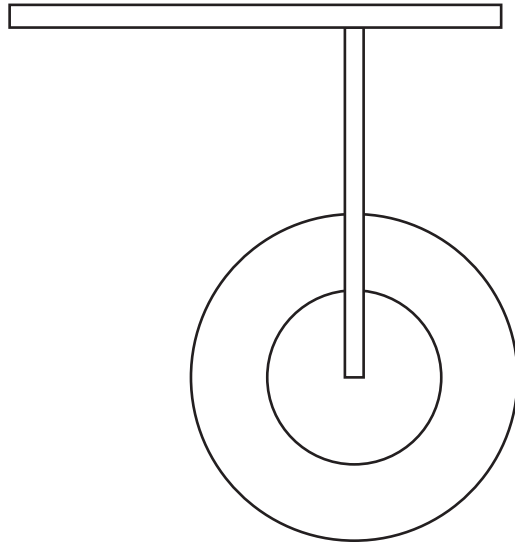




MAIN LANDING GEAR



FRONT LANDING GEAR



G3

LANDING GEAR DOOR x2

G2

LANDING
GEAR DOOR
x2

WIRING DIAGRAM

