



Model : 49/2023



De Havilland Tiger Moth

1200mm

Specs :

1. Wingspan 1200mm / 47.2 inch
2. Flying weight : 1145 grams/ 40.4 oz
3. Wing loading : 26.2 gram/dm² - 8.6 oz/sq.ft.
4. Wing cube loading : 4 (Between glider and trainer)
5. Wing Area : 43.68 dm² / 677 sq.in.
6. CG : The rear center wing strut on the upper wing.

Electronics for test

- DXW 3536 1200kv
- Prop 10x5 (2 blades) - 11 inch
- 50A ESC - 40A minimum
- Battery Lipo 3S 2200mah
- 4 x 9 gram servos (micro servo)

Transmitter

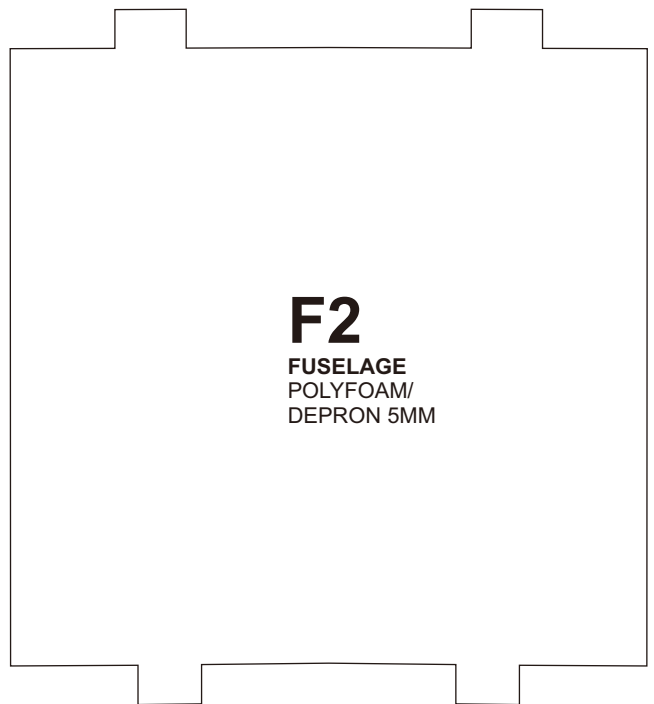
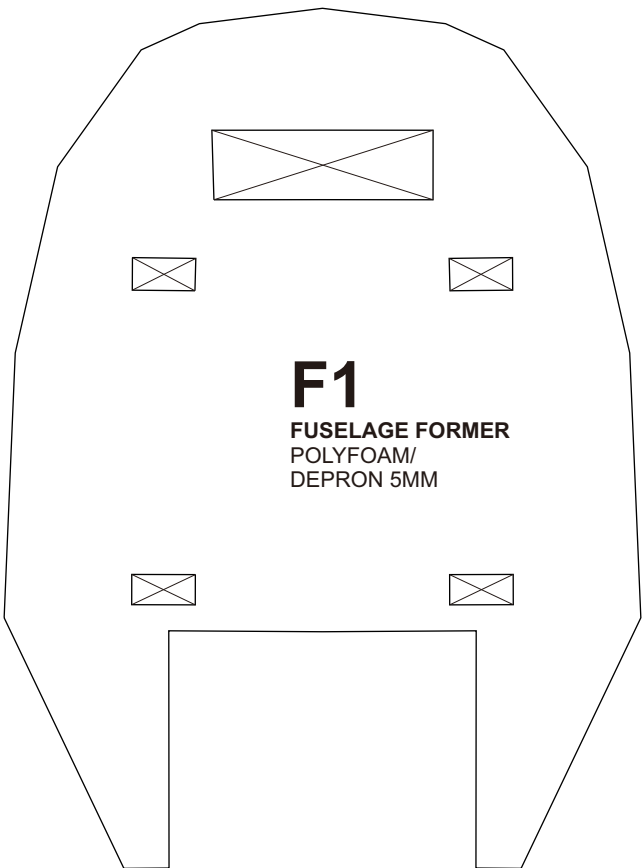
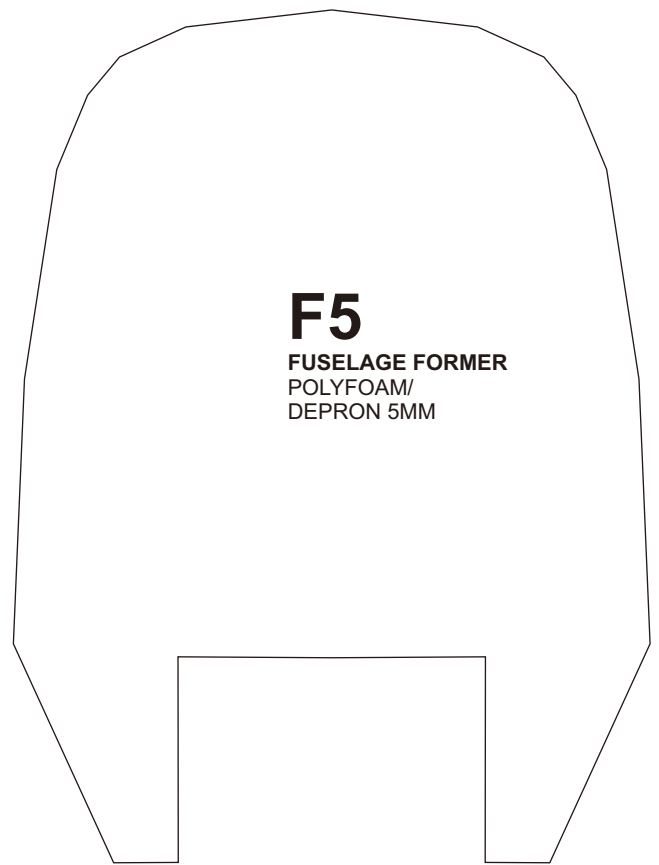
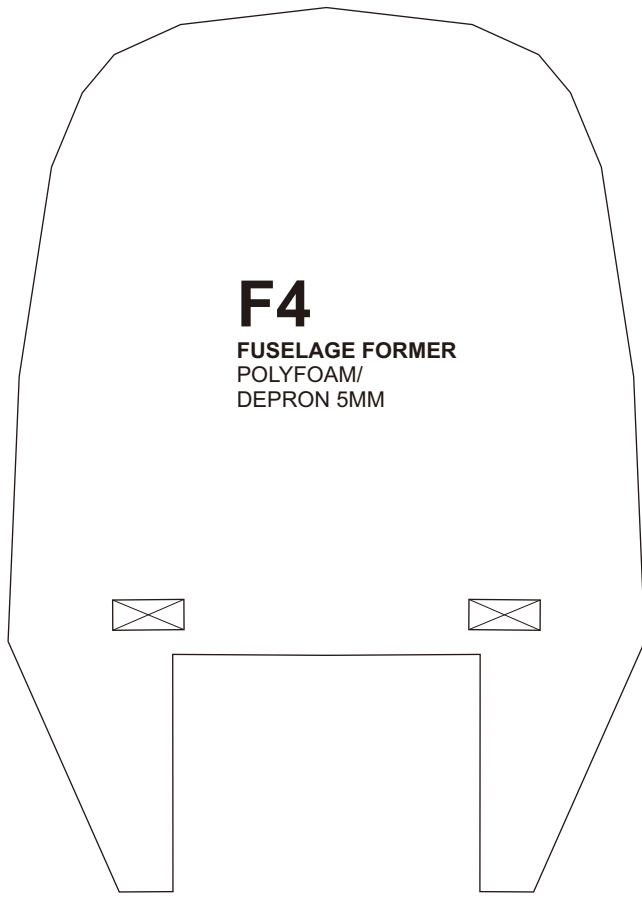
- Jumper T16 + BetaFPV Express LRS TX module
- 10 ch BetaFPV Express LRS RX

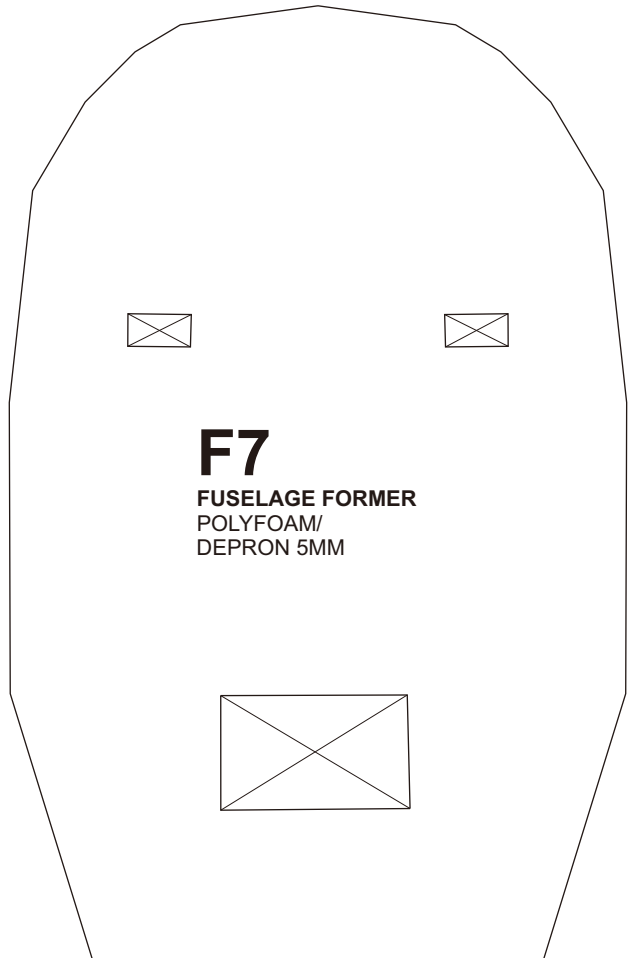
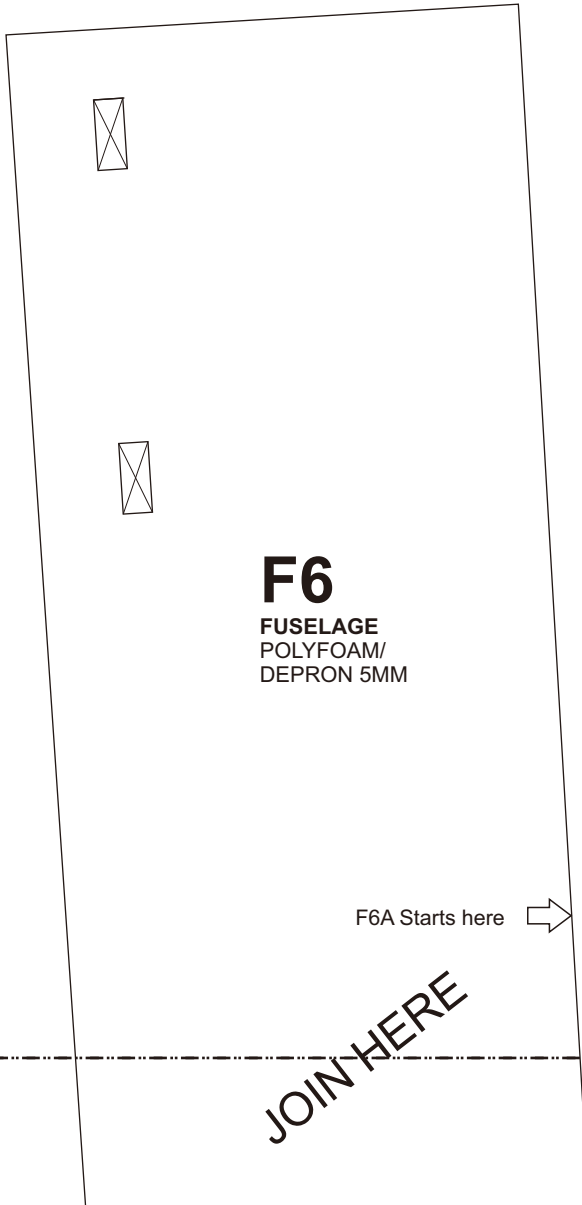
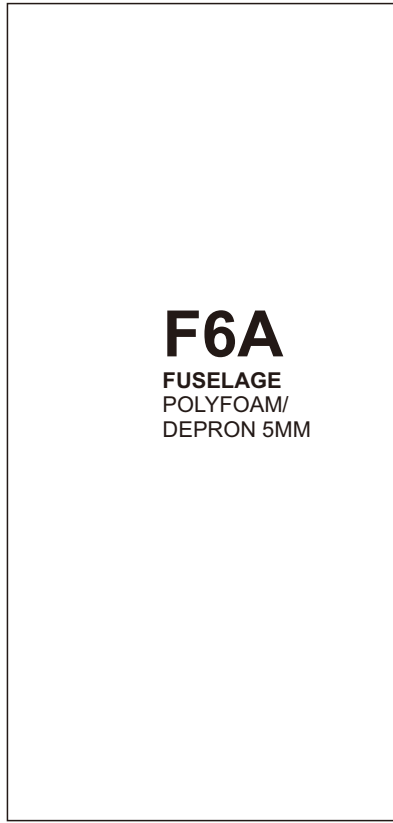
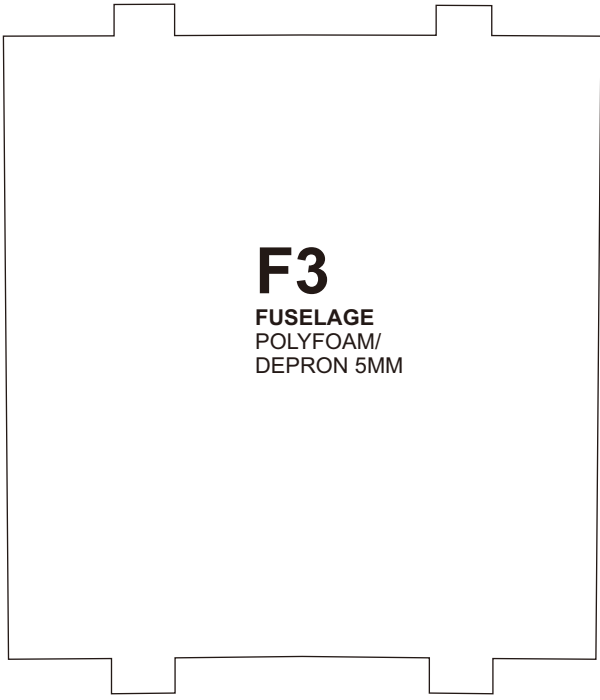
Materials :

1. 5mm Foamboard/ Depron/ Polyfoam
2. 0.3mm Mica Plastic
3. hot glue, UHU glue, CA glue, PVA glue
4. Packing tapes

Build Instructions :

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





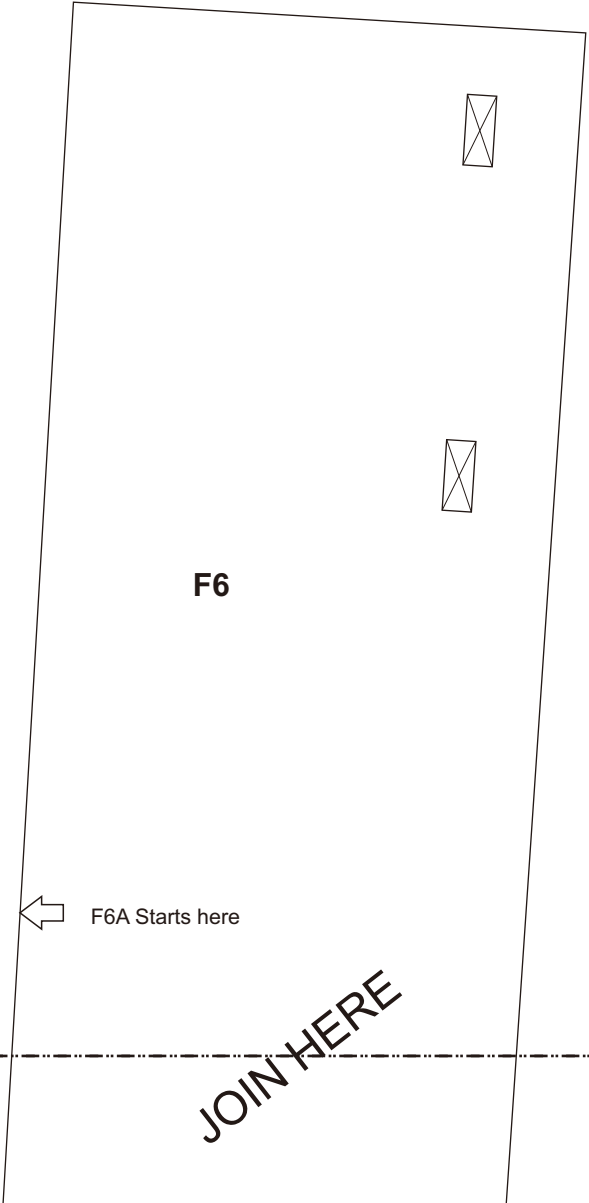
JOIN HERE



F10

FUSELAGE
POLYFOAM/
DEPRON 5MM

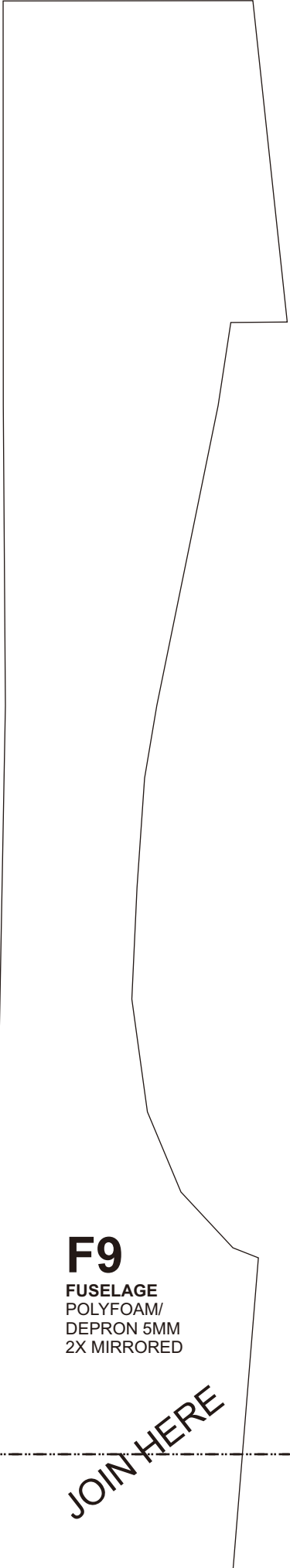
- F12**
PLYWOOD
3MM
- F12**
PLYWOOD
3MM
- F12**
PLYWOOD
3MM
- F12**
PLYWOOD
3MM



F6

← F6A Starts here

JOIN HERE



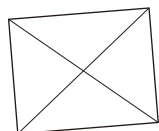
F9

FUSELAGE
POLYFOAM/
DEPRON 5MM
2X MIRRORED

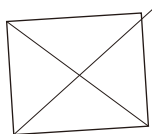
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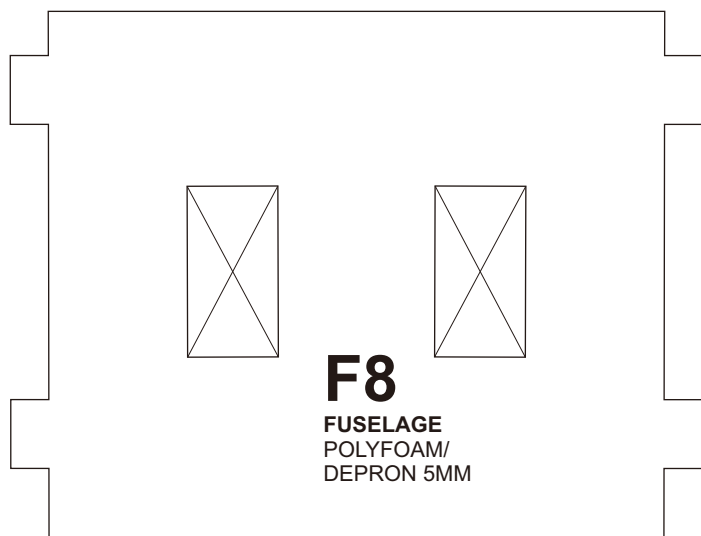
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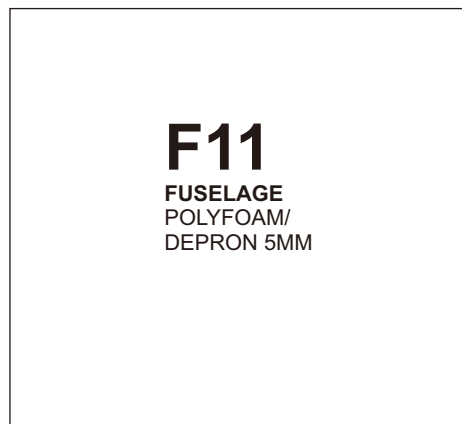
F6



JOIN HERE



F8
FUSELAGE
POLYFOAM/
DEPRON 5MM



F11
FUSELAGE
POLYFOAM/
DEPRON 5MM

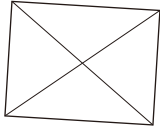
F6A Starts here

2X MIRRORED

JOIN HERE

JOIN HERE

F9



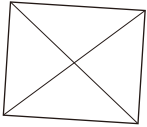
F6

F15
 FUSELAGE
 POLYFOAM/
 DEPRON 5MM
 2X MIRRORED

← FRONT

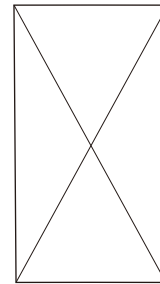
↑ UP

JOIN HERE



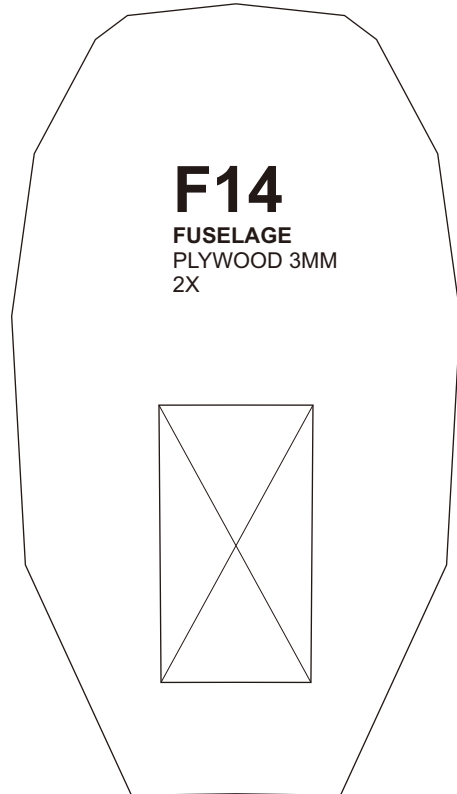
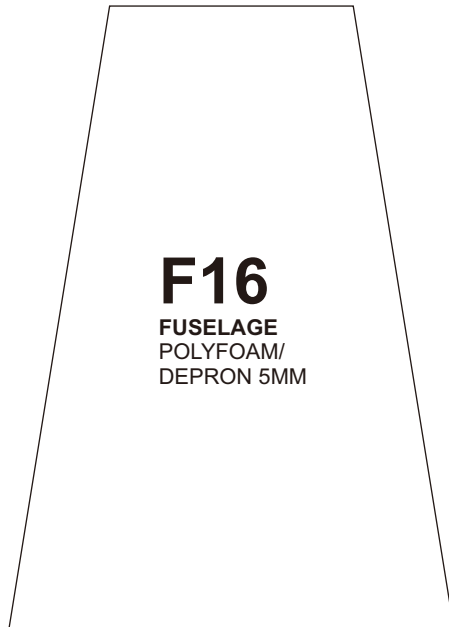
F14

FUSELAGE
 PLYWOOD 3MM
 2X



F16

FUSELAGE
 POLYFOAM/
 DEPRON 5MM



F22

FUSELAGE
PLYWOOD
3MM

F13

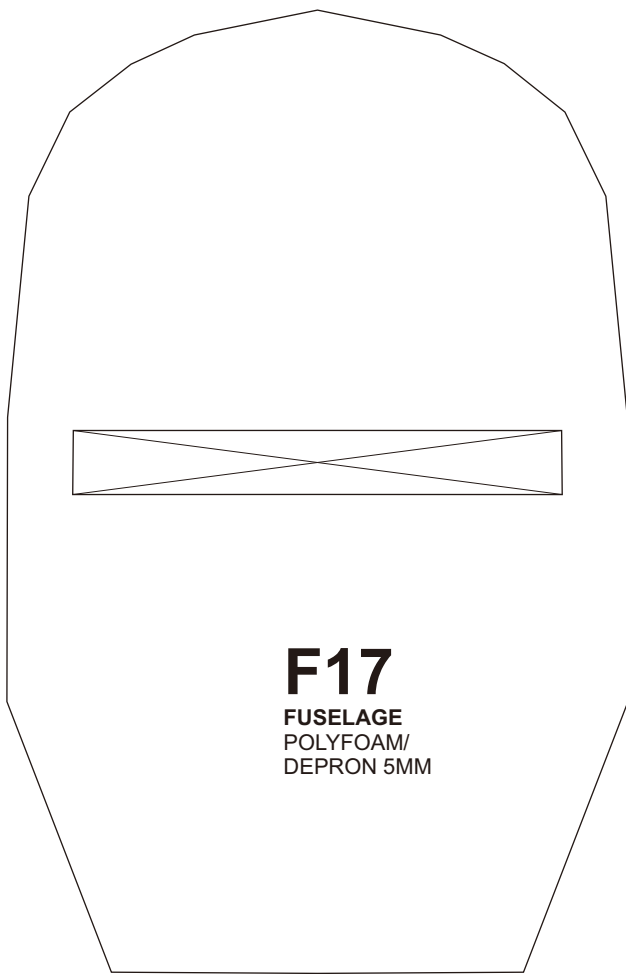
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POLYFOAM/
DEPRON 5MM

F18

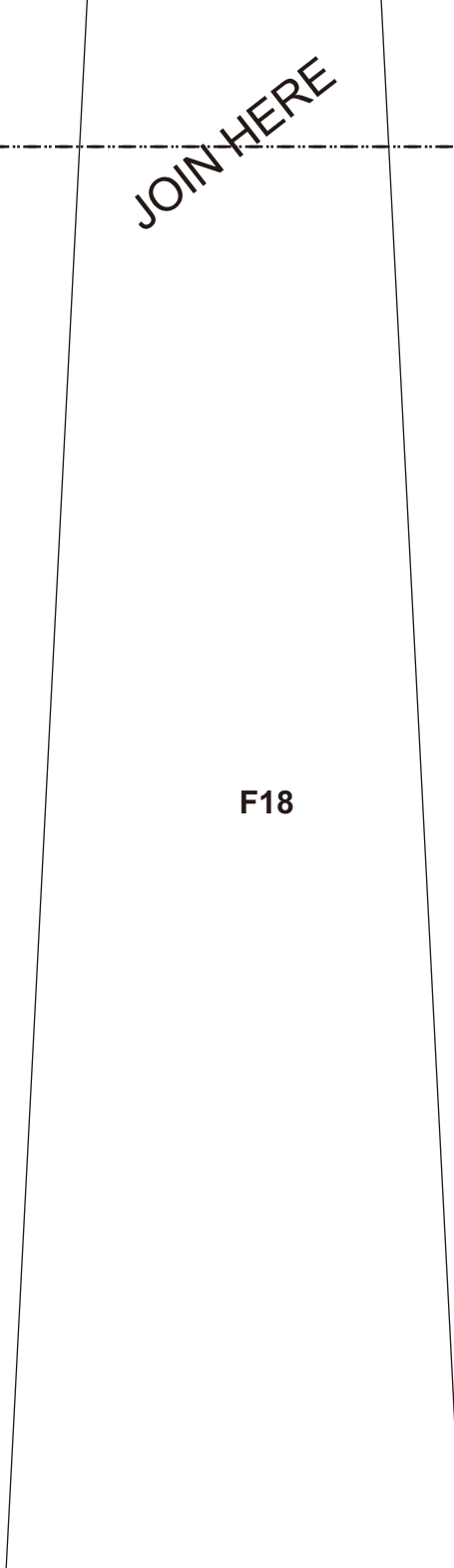
FUSELAGE
POLYFOAM/
DEPRON 5MM

JOIN HERE

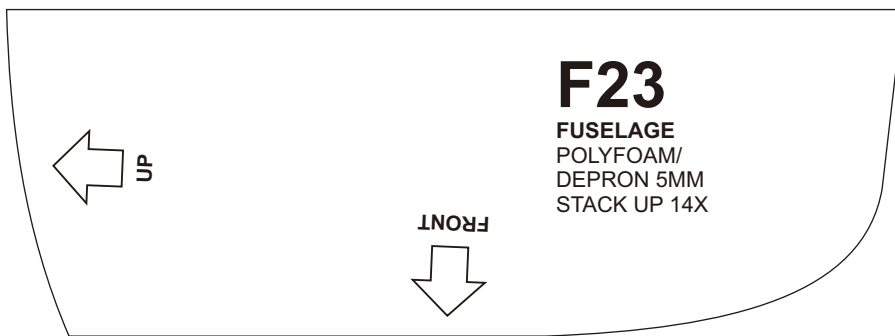
JOIN HERE



F17
FUSELAGE
POLYFOAM/
DEPRON 5MM



F18



F23
FUSELAGE
POLYFOAM/
DEPRON 5MM
STACK UP 14X



FRONT



UP

F19

FUSELAGE
POLYFOAM/
DEPRON 5MM
2X MIRRORED



FRONT



UP

F20

FUSELAGE
POLYFOAM/
DEPRON 5MM
2X MIRRORED



F21

FUSELAGE
POLYFOAM/
DEPRON 5MM

W4

WING JOINER
PLYWOOD
3MM

JOIN HERE

JOIN HERE

JOIN HERE

JOIN HERE

JOIN HERE

JOIN HERE

F19

F20

F21

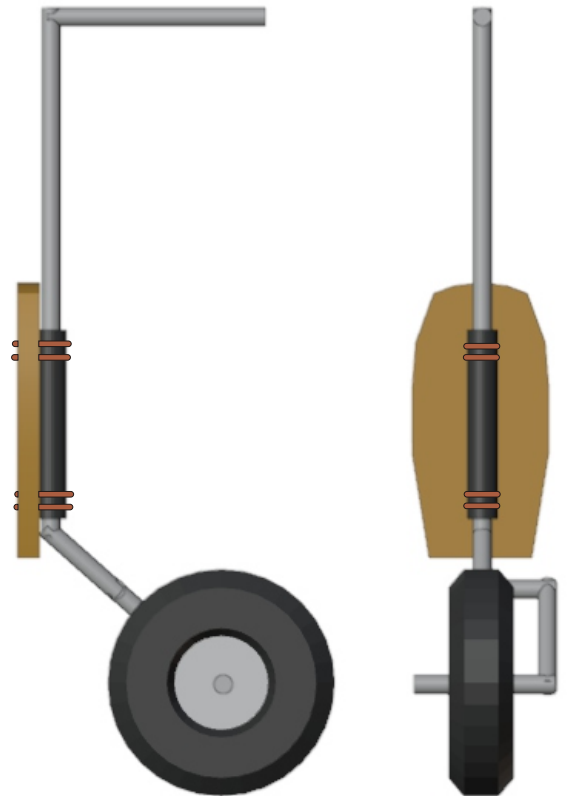
W19

WING JOINER
PLYWOOD
3MM



S1
HOR-STAB
POLYFOAM/
DEPRON 5MM

S2
VER-STAB
POLYFOAM/
DEPRON 5MM



JOIN HERE

S5
PLYWOOD 3MM

JOIN HERE

S5

PLYWOOD 3MM

S5

PLYWOOD 3MM

S1

S4

RUDDER

POLYFOAM/

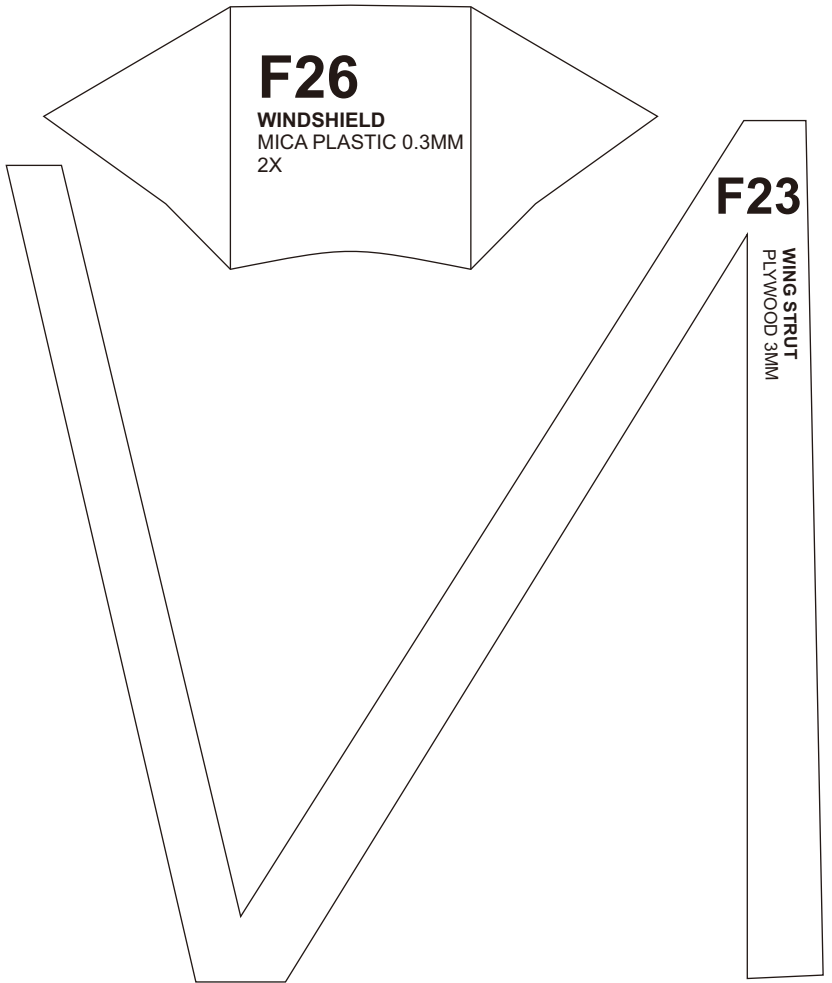
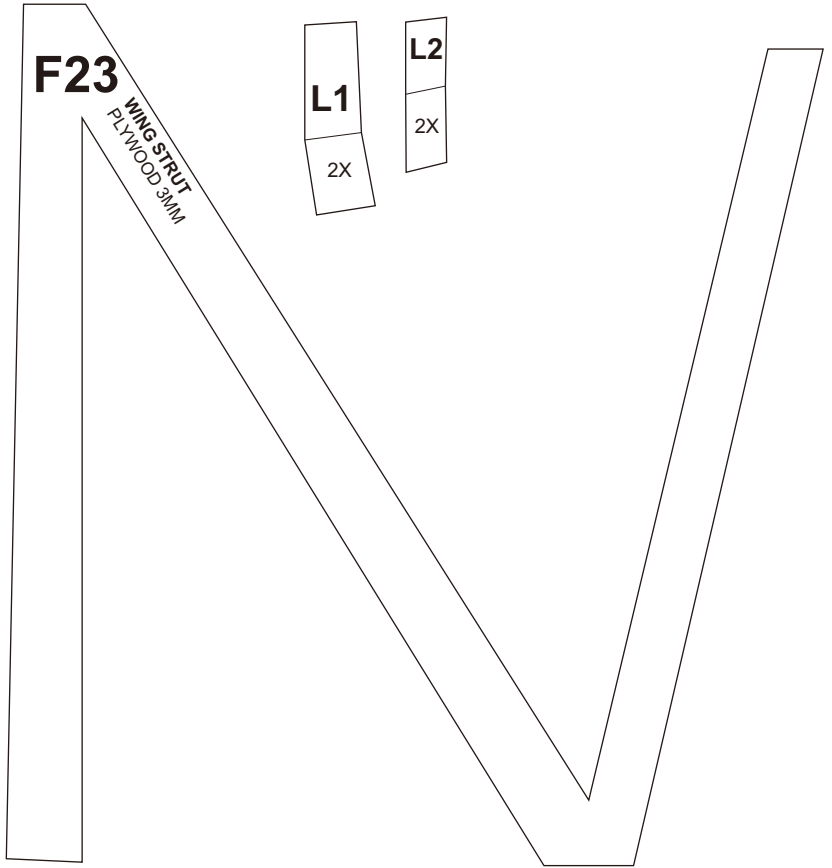
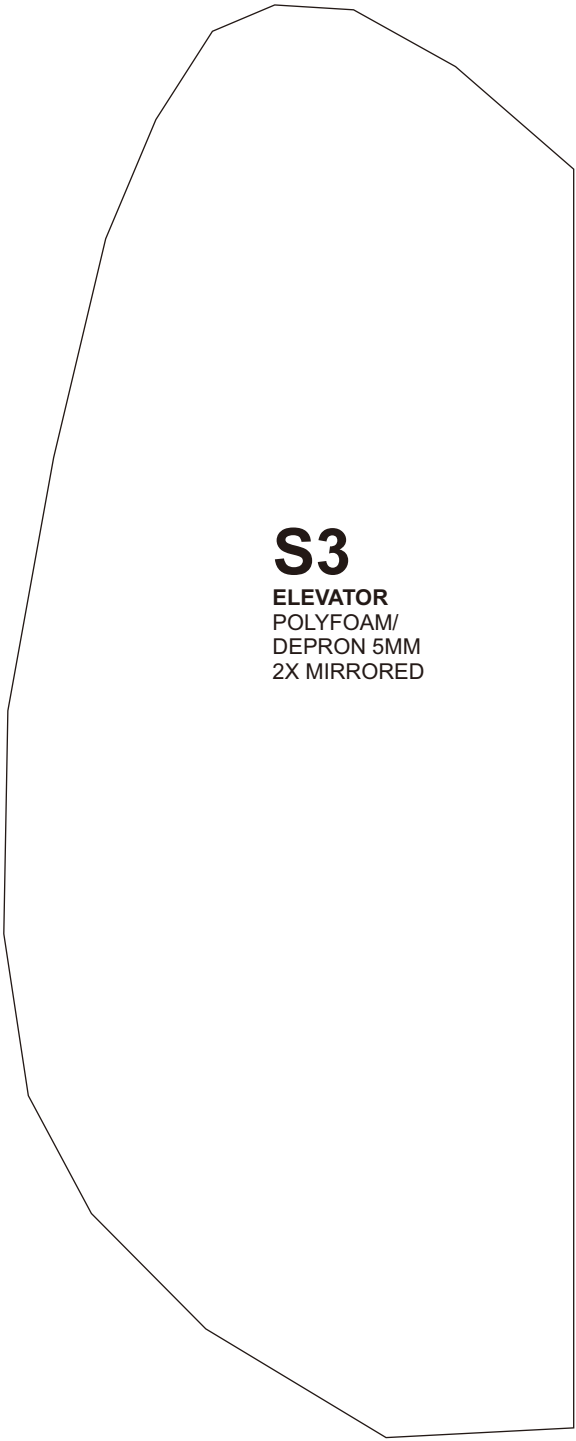
DEPRON 5MM

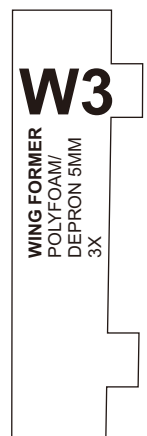
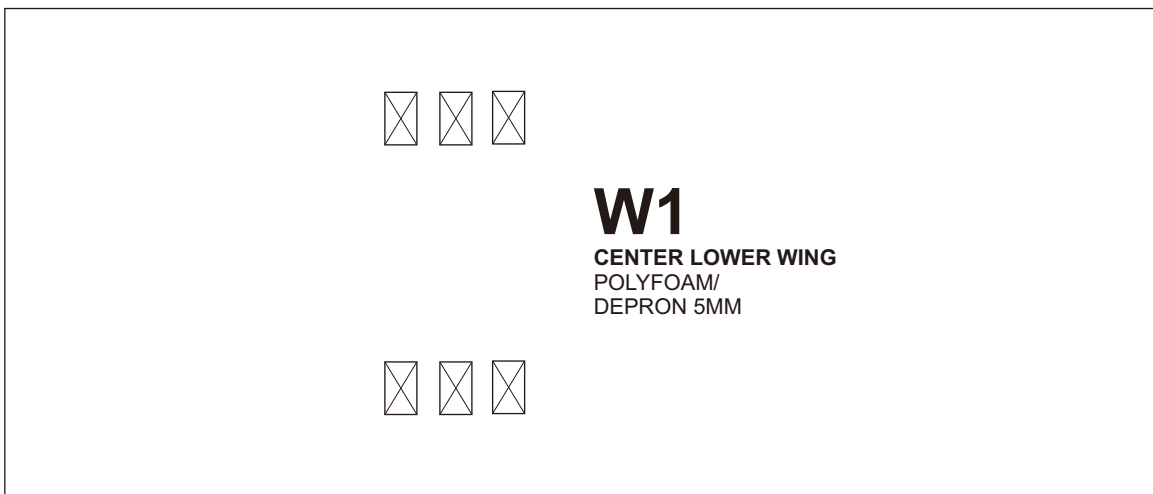
W2

WING FORMER

POLYFOAM/

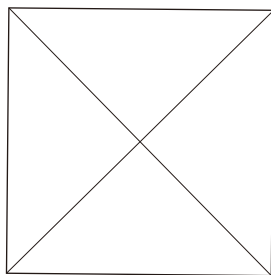
DEPRON 5MM - 2X





W6

LOWER WING
POLYFOAM/
DEPRON 5MM
2X MIRRORED



JOIN HERE



JOIN HERE



W6



JOIN HERE



JOIN HERE

W6

W5

CENTER LOWER WING
POLYFOAM/
DEPRON 5MM

W7

LOWER WING
POLYFOAM/
DEPRON 5MM
2X

W12

LOWER WING
POLYFOAM/
DEPRON 5MM
2X

W7

LOWER WING
POLYFOAM/
DEPRON 5MM
2X

W10

LOWER WING
POLYFOAM/
DEPRON 5MM
4X

W11

LOWER WING
POLYFOAM/
DEPRON 5MM
4X

W29

WING STRUT
PLYWOOD 3MM

W29

WING STRUT
PLYWOOD 3MM

W29

WING STRUT
PLYWOOD 3MM

W29

WING STRUT
PLYWOOD 3MM

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WING STRUT
PLYWOOD 3MM

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WING STRUT
PLYWOOD 3MM

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WING STRUT
PLYWOOD 3MM

W29

WING STRUT
PLYWOOD 3MM



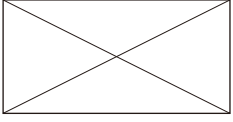
W13

LOWER WING
POLYFOAM/
DEPRON 5MM
2X MIRRORED

JOIN HERE

W8 LOWER WING
POLYFOAM/
DEPRON 5MM 2X

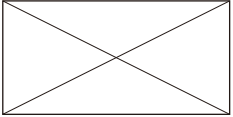
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JOIN HERE

JOIN HERE

W13



JOIN HERE

W8

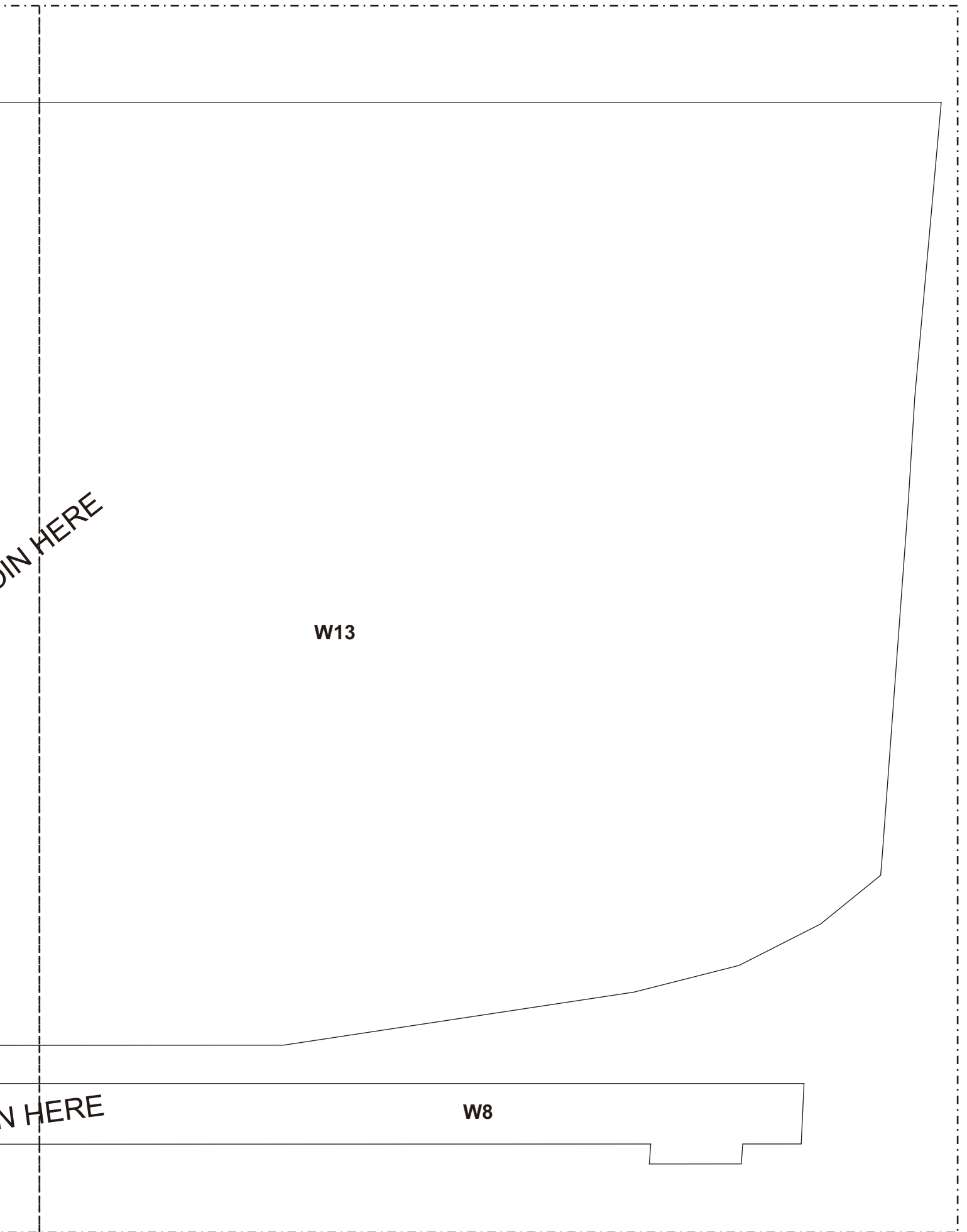
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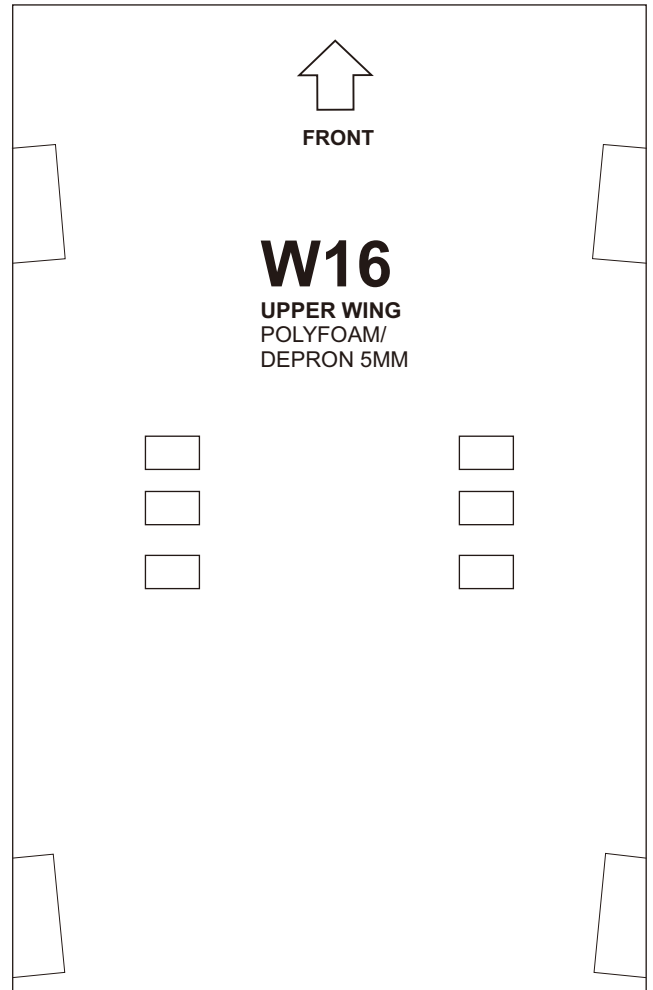
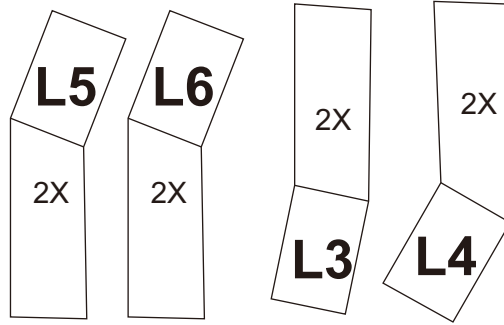
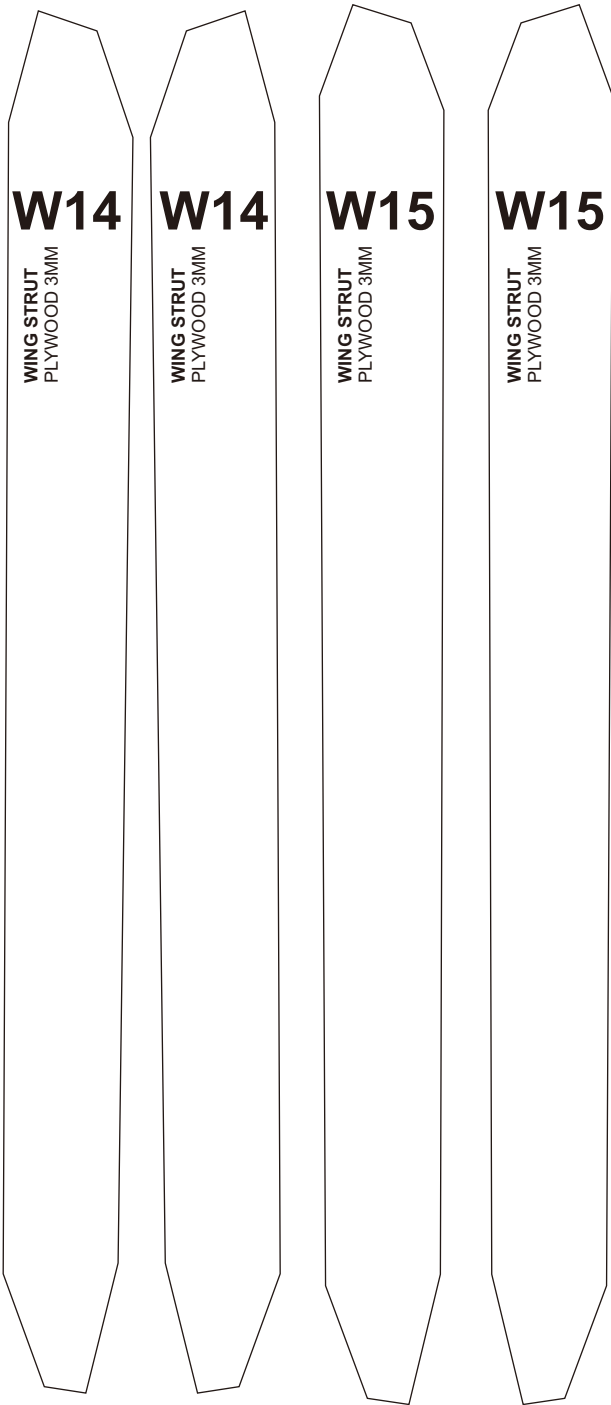
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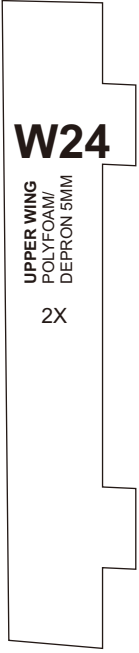
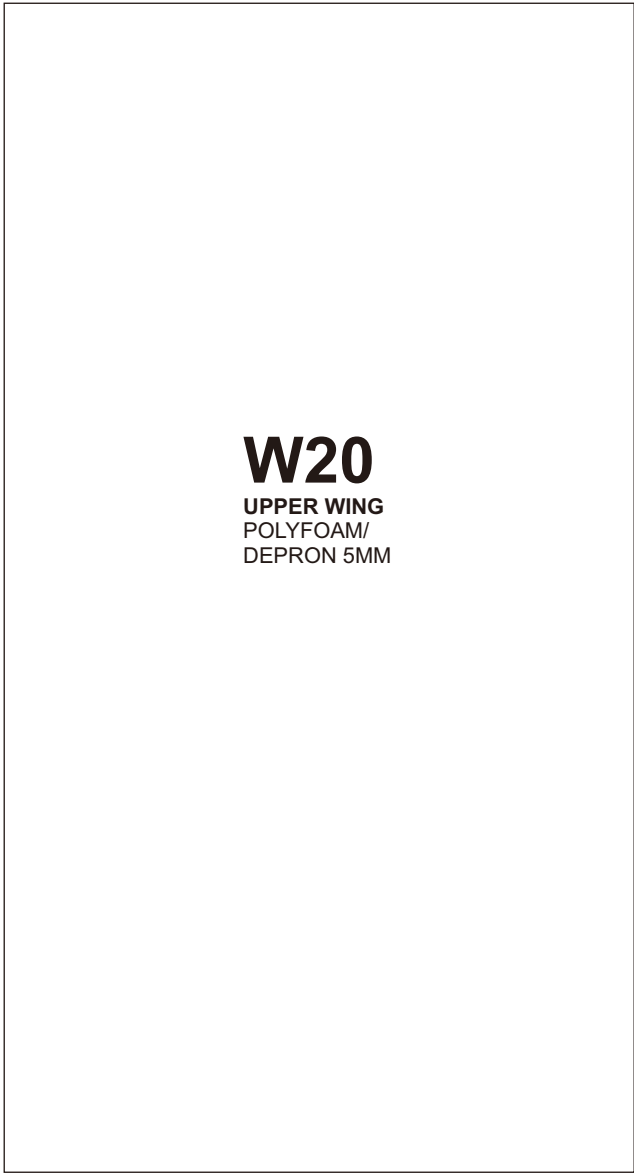
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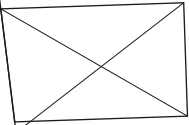
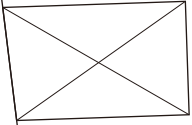
JOIN HERE

W8









W21
UPPER WING
POLYFOAM/
DEPRON 5MM
2X MIRRORED

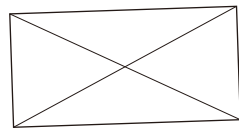
JOIN HERE

W23 UPPER WING
POLYFOAM/
DEPRON 5MM - 2X

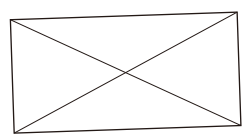
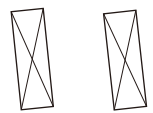
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JOIN HERE

JOIN HERE



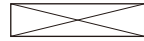
W21



JOIN HERE

JOIN HERE

JOIN HERE



W21

JOIN HERE



W28

UPPER WING
POLYFOAM/
DEPRON 5MM
2X MIRRORED

JOIN HERE

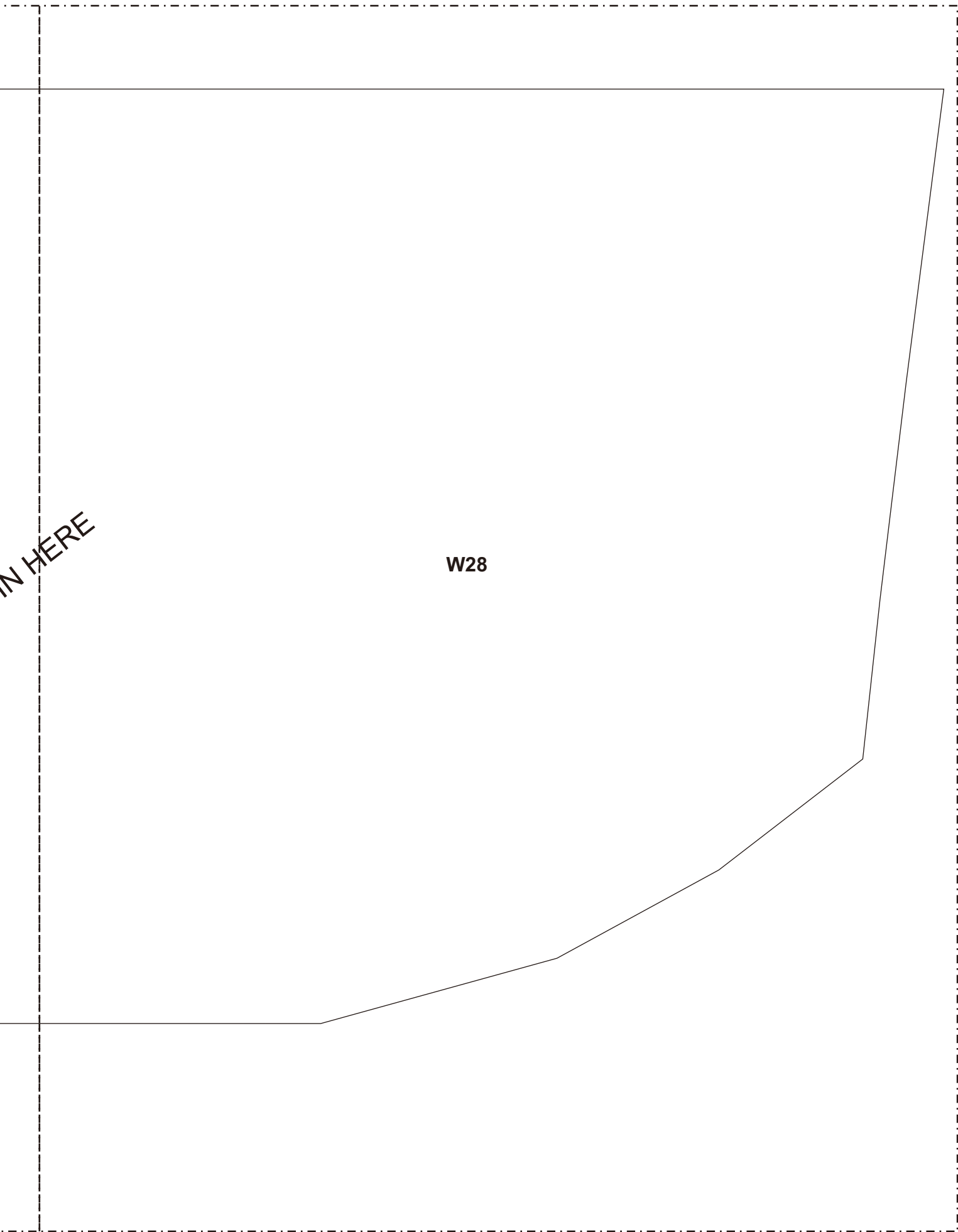
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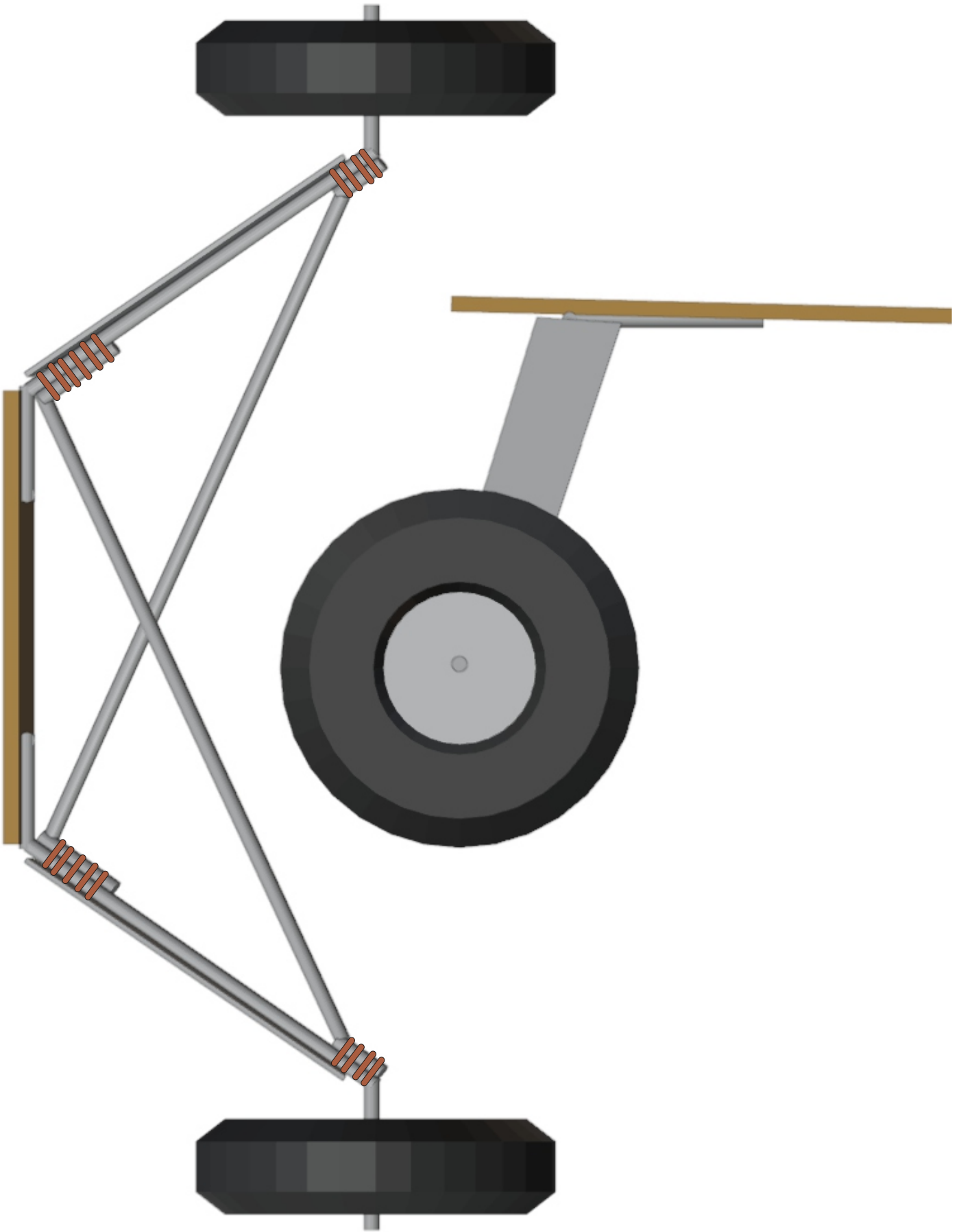
W28

JOIN HERE

IN HERE

W28







F28

ENGINE COWL
MICA PLASTIC
0.3MM

F27

ENGINE DETAIL
POLYFOAM
5mm X2

JOIN HERE

JOIN HERE

F28

