



Model : 57/2024



DARA TRAINER

1500 mm

Specs :

1. Wingspan 1500 mm / 59 inches
2. Flying weight : 1530 grams/ 54 oz / 3.37 lbs
3. Wing loading : 41.8 gram/dm² - 13.7 oz/sq.ft.
4. Wing cube loading : 6.9 (Trainer)
5. Wing Area : 36.6 dm² / 567 sq.in.
6. CG : 6.5 cm / 2.55 inch from leading edge

Electronics for test

- DXW 3536 1200kv Brushless motor
- 60A ESC Hobbywing Skywalker
- Battery Lipo 3S 2200mah
- Battery Lipo 4S 2200mah
- 5 x 9 gram servos (metal micro servo)

Prop :

- 10x6 props
- 50mm 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

F2

FUSELAGE
POLYFOAM/ DEPRON 5MM
2X MIRRORED

F15

STEERING
PLYWOOD
3MM

JOIN HERE

JOIN HERE

F2

JOIN HERE

JOIN HERE

F2

FRONT



F10

FIREWALL
PLYWOOD 3MM
2X

F14

NOSE FORMER
PLYWOOD 3MM



F1
FUSELAGE
POLYFOAM/
DEPRON 5MM

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JOIN HERE

F1

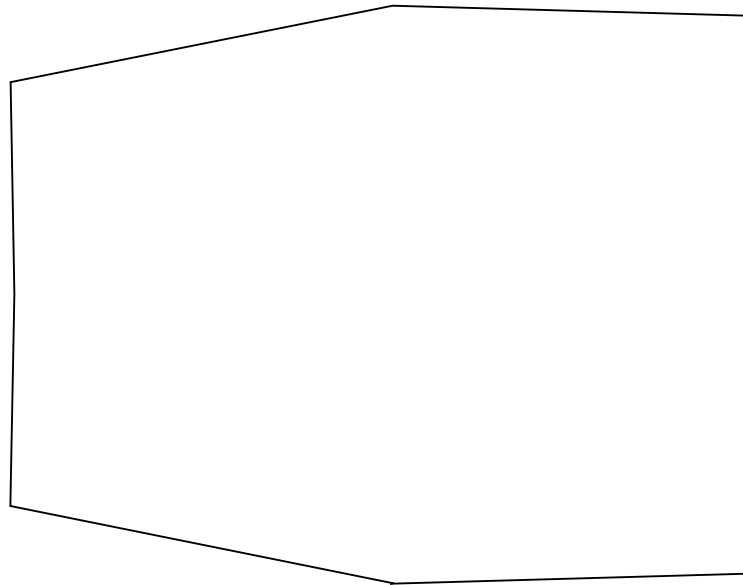
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F1

F8

FUSELAGE FORMER
POLYFOAM 5MM + PLYWOOD 3MM





F4

FUSELAGE
POLYFOAM/
DEPRON 5MM

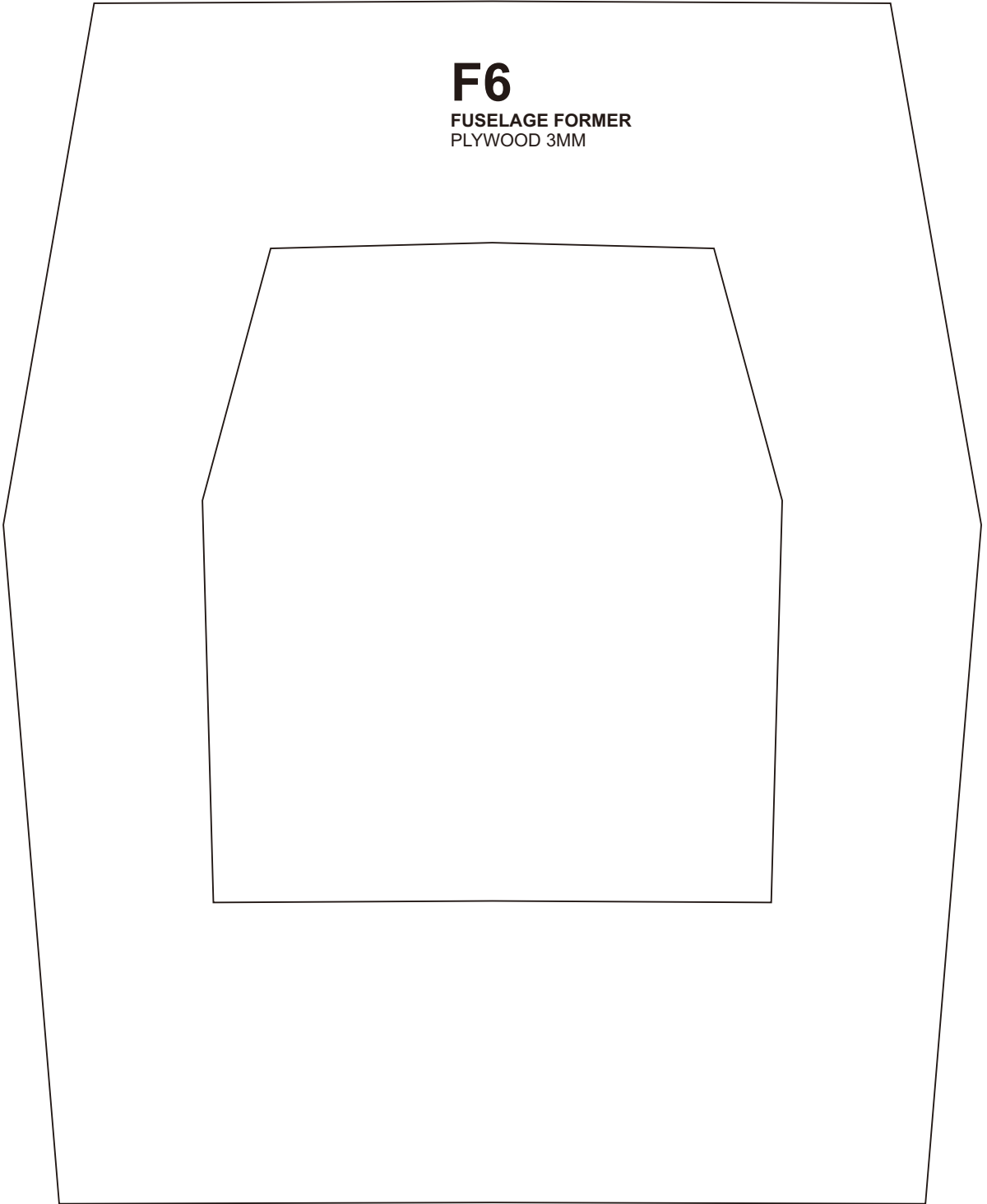
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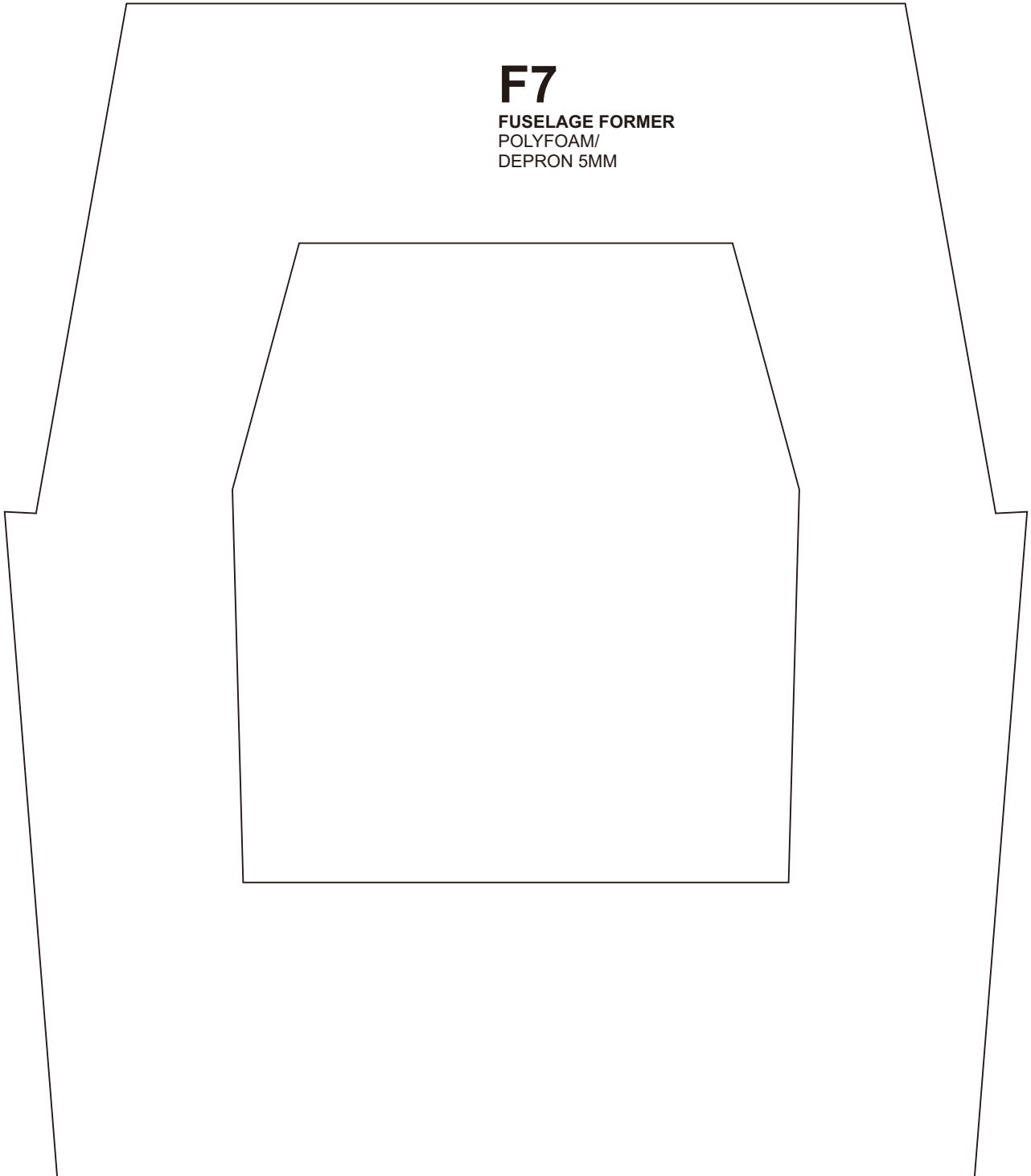
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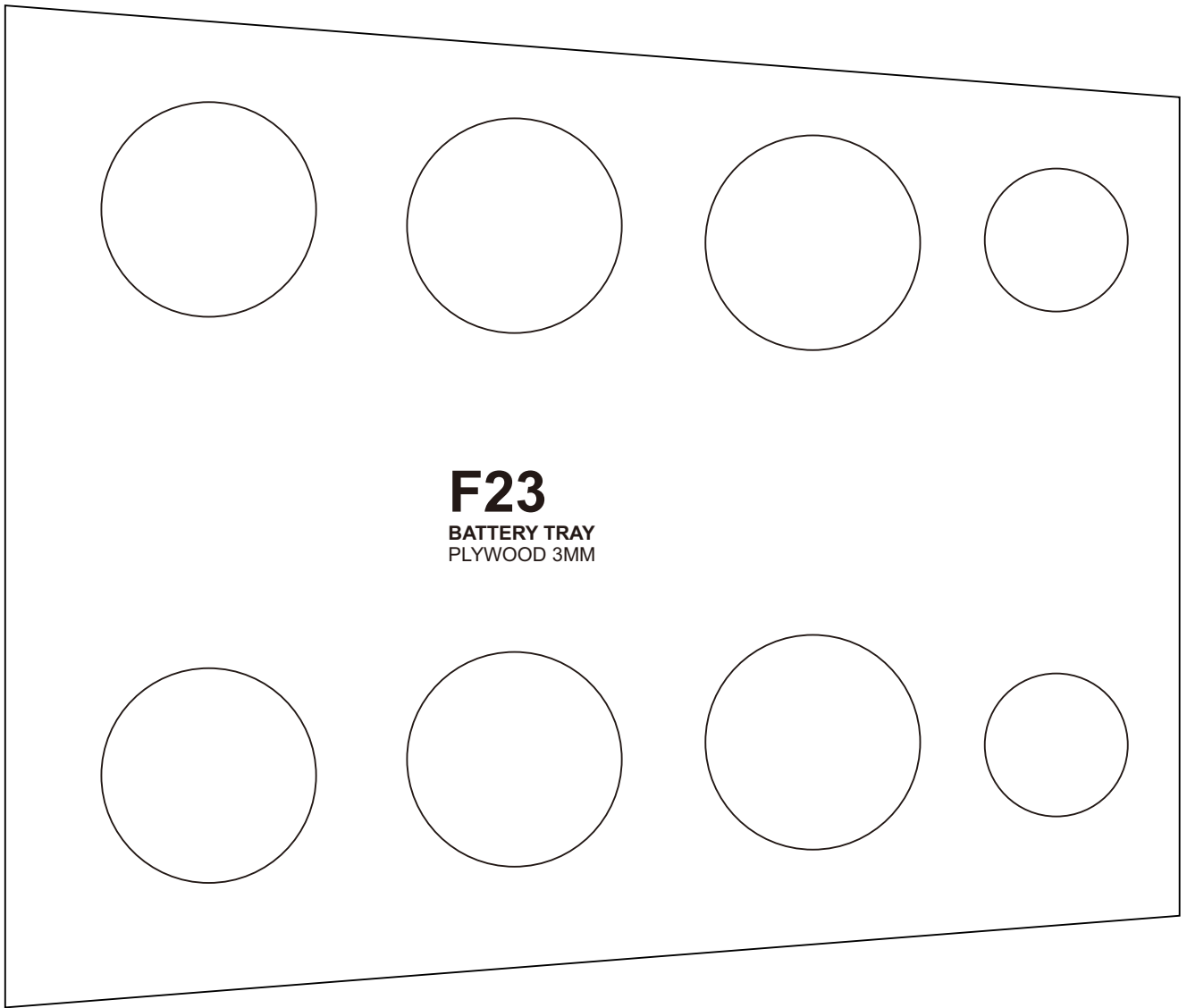
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PLYWOOD 3MM

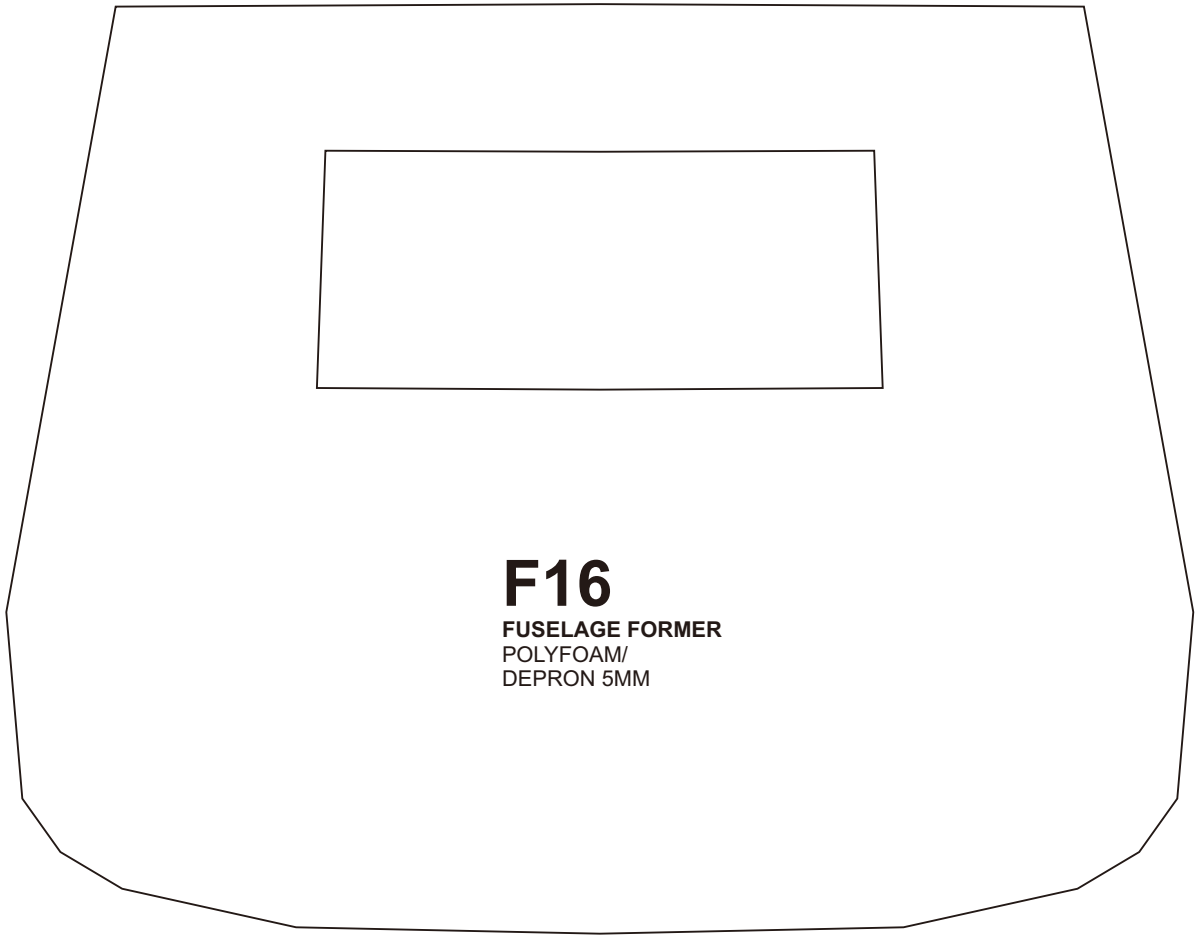


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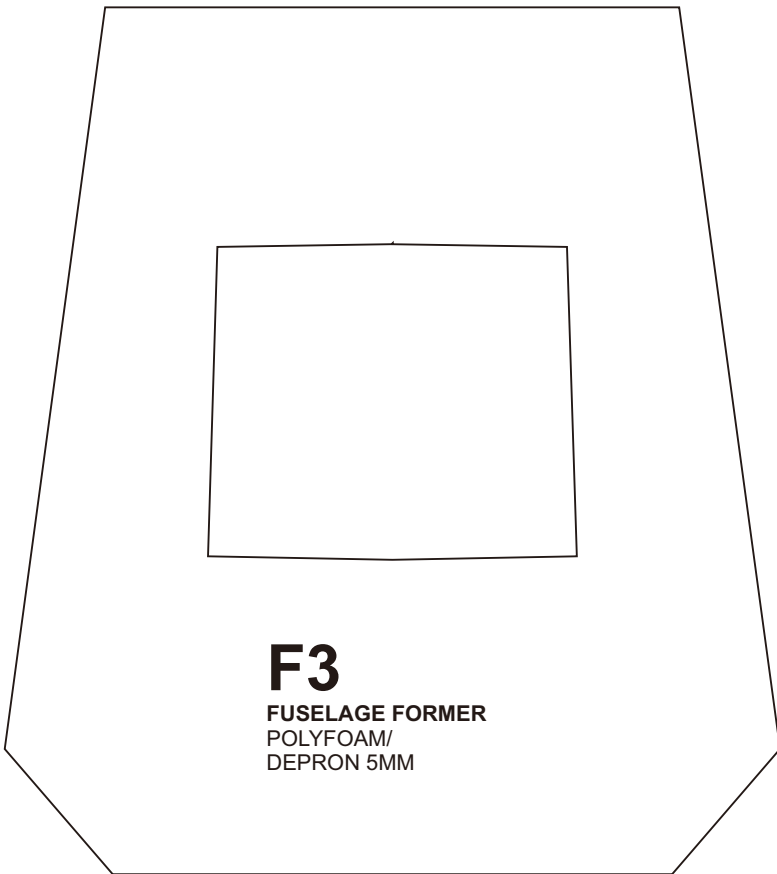
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POLYFOAM/
DEPRON 5MM







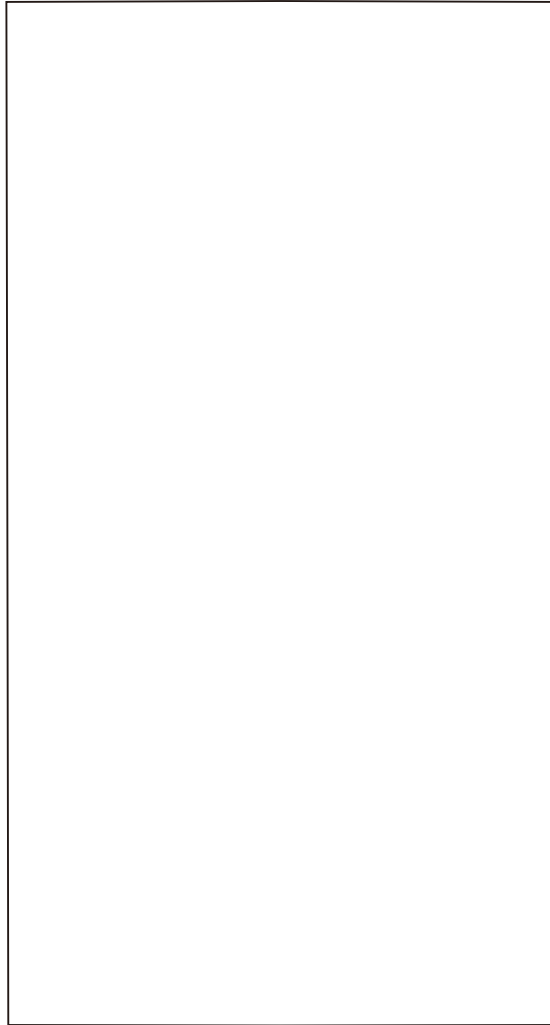
F16
FUSELAGE FORMER
POLYFOAM/
DEPRON 5MM



F3
FUSELAGE FORMER
POLYFOAM/
DEPRON 5MM

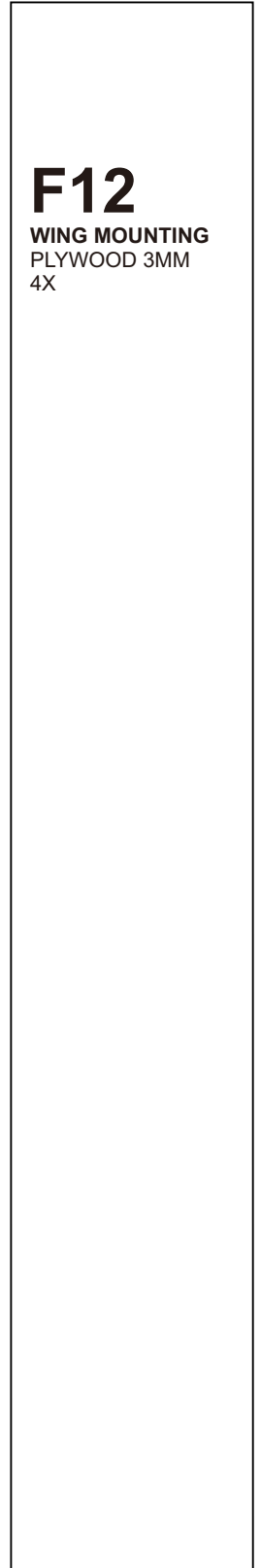
F11

FUSELAGE FORMER
POLYFOAM/
DEPRON 5MM



F12

WING MOUNTING
PLYWOOD 3MM
4X



F24

**ENGINE COWL
POLYFOAM/
DEPRON 5MM**

F5
FUSELAGE
POLYFOAM/
DEPRON 5MM
2X MIRRORED

F18
FUSELAGE
POLYFOAM/
DEPRON 5MM
2X MIRRORED

JOIN HERE

JOIN HERE

F5

F17
FUSELAGE
POLYFOAM/
DEPRON 5MM



F20

TAIL SECTION
POLYFOAM/
DEPRON 5MM
2X MIRRORED

JOIN HERE



F19

TAIL SECTION
POLYFOAM/
DEPRON 5MM

JOIN HERE

JOIN HERE

F20

JOIN HERE

F19



F26
WINDSHIELD
PAPER CARD

JOIN HERE

JOIN HERE

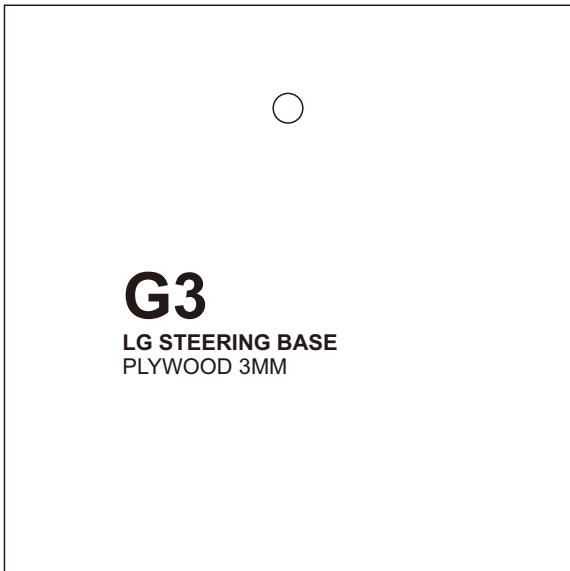
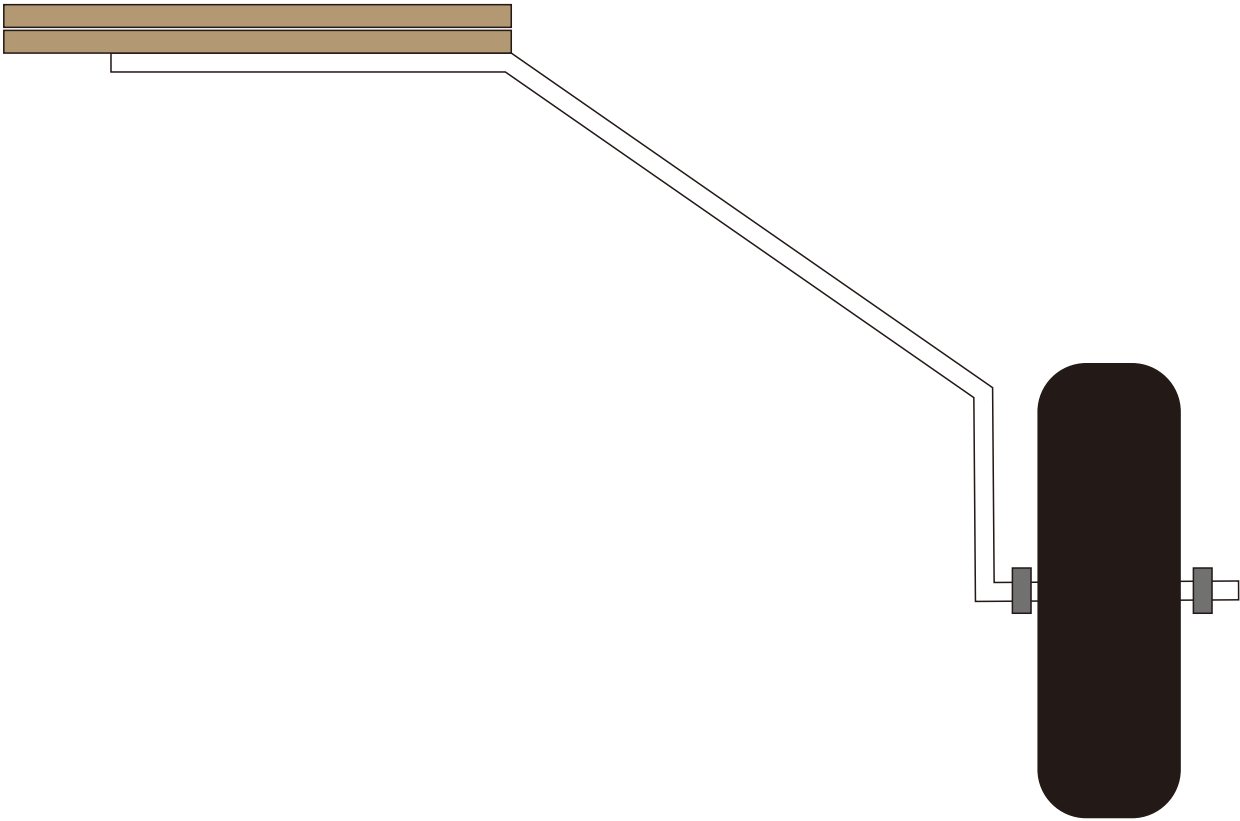
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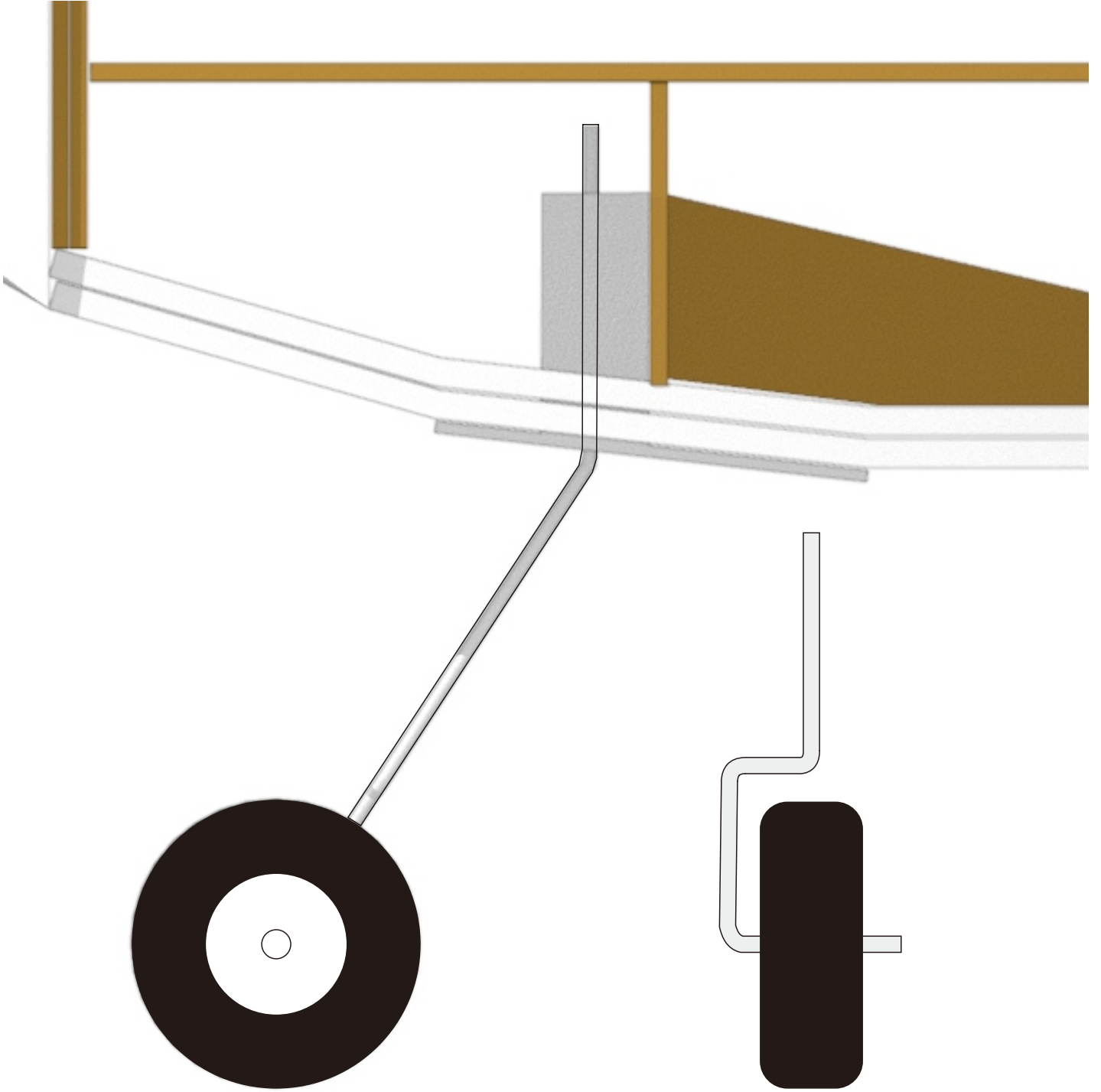
G1
LG BASE
PLYWOOD 3MM

A rectangular panel with a grid of 20 small square holes. The holes are arranged in two columns of 10 on the left side and two columns of 5 on the right side, with a gap between the columns.

G2
LG BASE
PLYWOOD 3MM

A rectangular panel with a smooth surface and no holes.





S1

ELEVATOR
POLYFOAM/
DEPRON 5MM

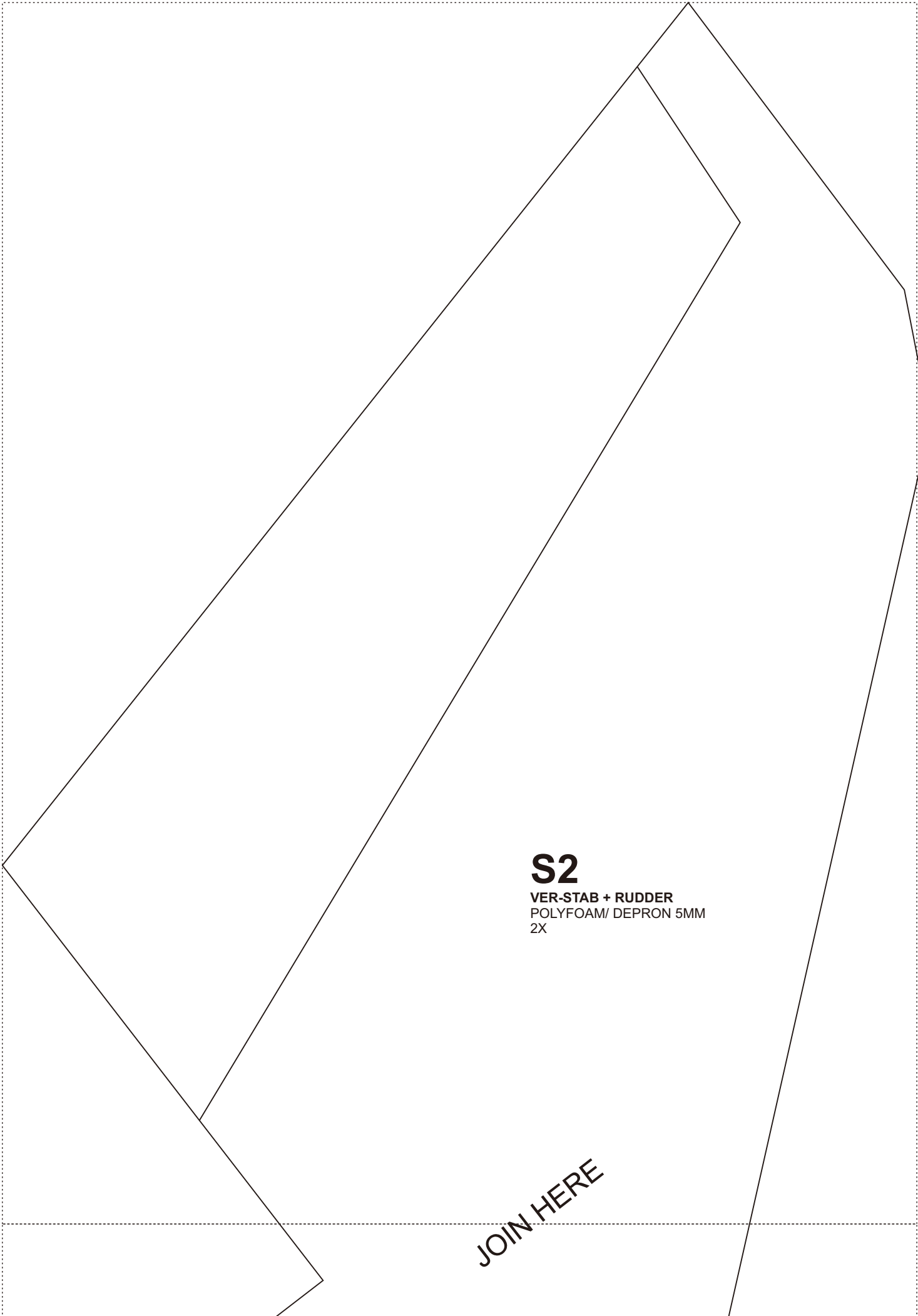
S1

HOR-STAB
POLYFOAM/ DEPRON 5MM
2X

JOIN HERE

JOIN HERE

S1



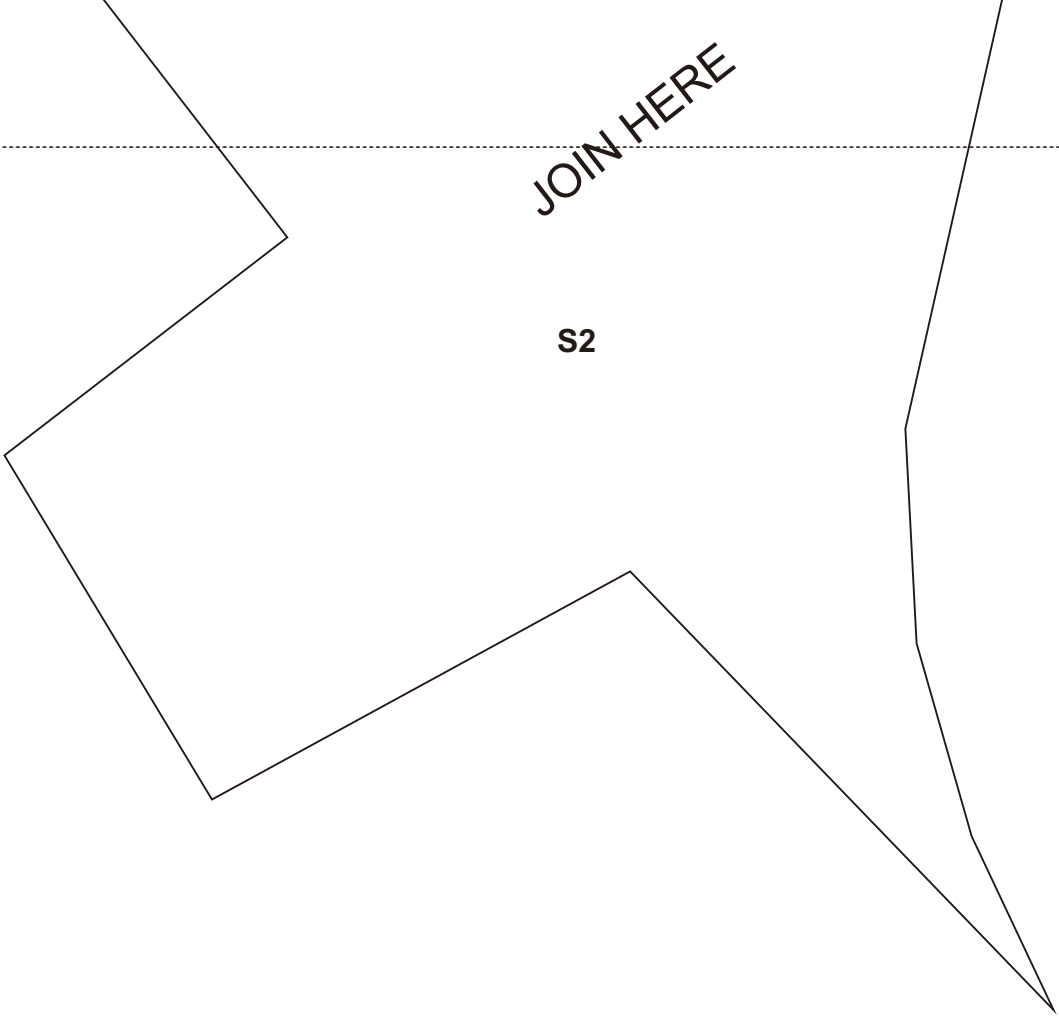
S2

VER-STAB + RUDDER
POLYFOAM/ DEPRON 5MM
2X

JOIN HERE

JOIN HERE

S2



AILERON

W1

WING
POLYFOAM/ DEPRON 5MM
2X

JOIN HERE

JOIN HERE

JOIN HERE

W1

JOIN HERE

JOIN HERE

FLAP

JOIN HERE

W1

JOIN HERE

JOIN HERE

JOIN HERE

W1

SCREW
MOUNT

SCREW
MOUNT

JOIN HERE

JOIN HERE

W1

JOIN HERE

JOIN HERE



JOIN HERE



AILERON
SERVO

W1

JOIN HERE

JOIN HERE

W1

FLAP
SERVO

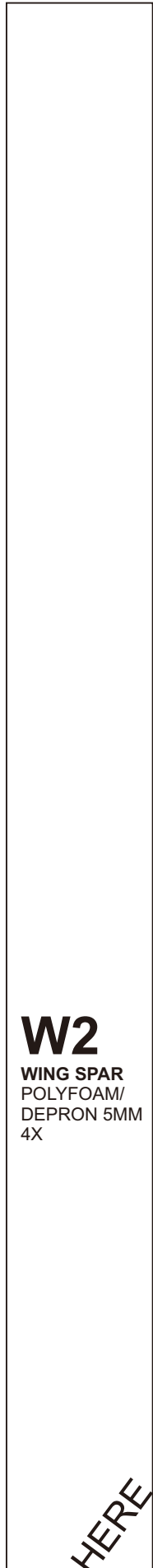
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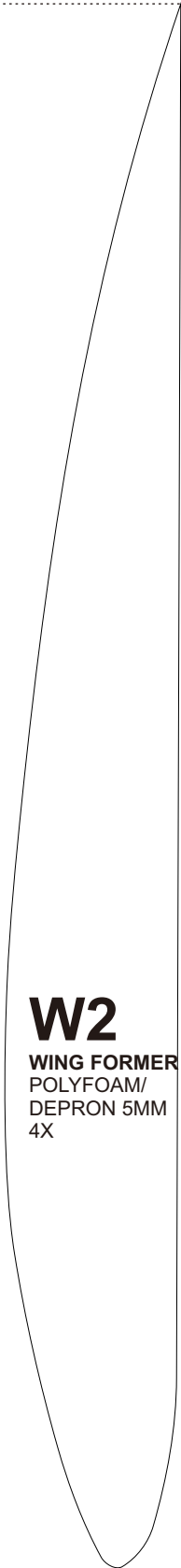
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W1



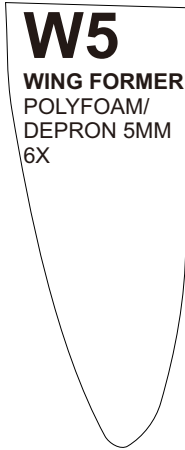
W2

WING SPAR
POLYFOAM/
DEPRON 5MM
4X



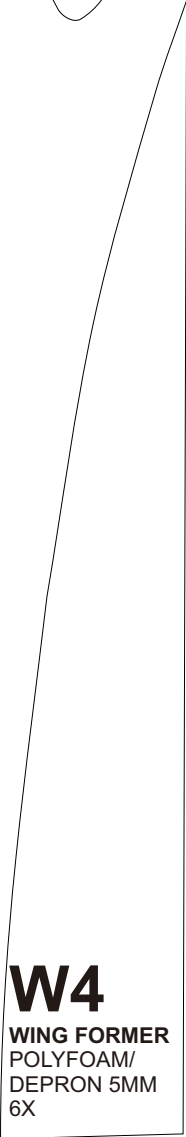
W2

WING FORMER
POLYFOAM/
DEPRON 5MM
4X



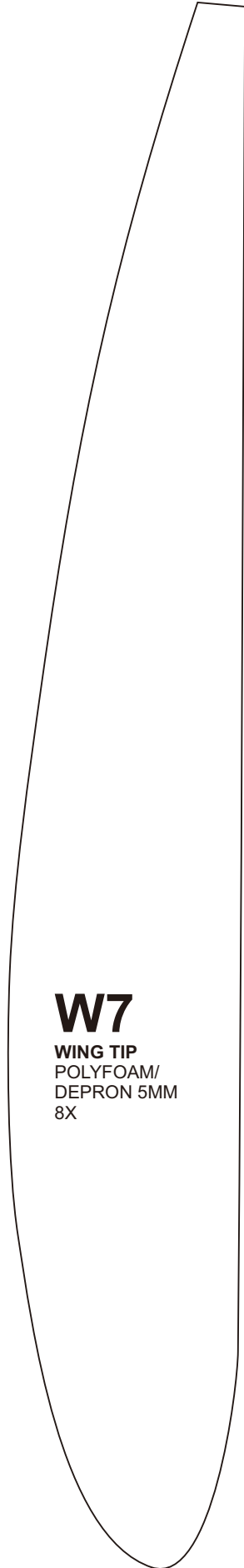
W5

WING FORMER
POLYFOAM/
DEPRON 5MM
6X



W4

WING FORMER
POLYFOAM/
DEPRON 5MM
6X



W7

WING TIP
POLYFOAM/
DEPRON 5MM
8X



W8

WING MOUNT
PLYWOOD 3MM
4X

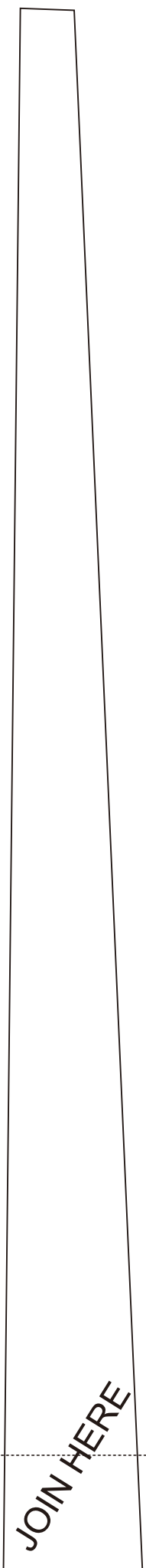
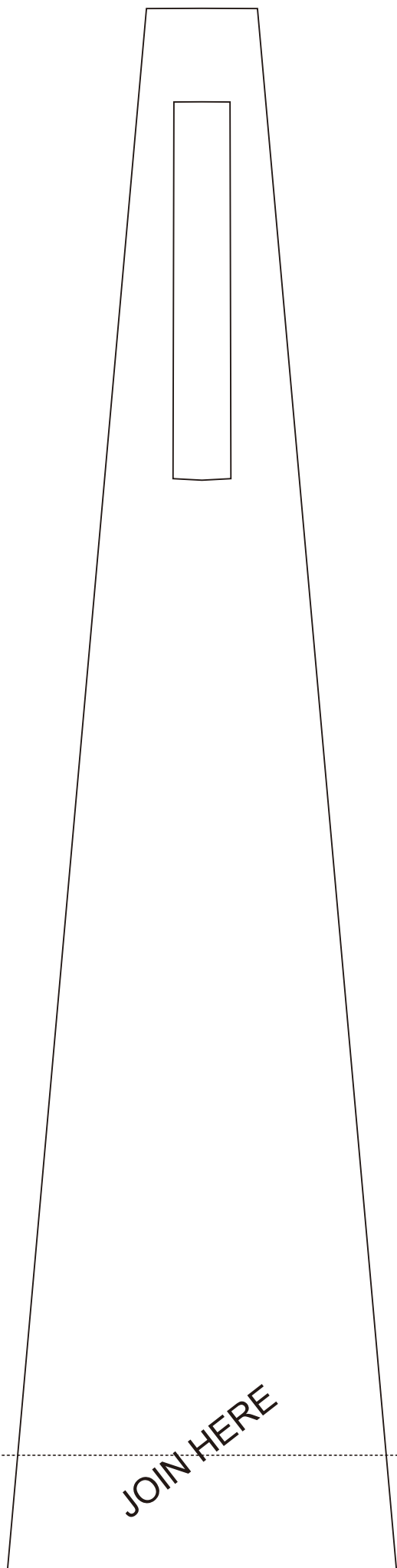
JOIN HERE





JOIN HERE

W2



JOIN HERE

JOIN HERE

JOIN HERE

JOIN HERE

JOIN HERE

JOIN HERE

F22

F21

TAIL SECTION
POLYFOAM/
DEPRON 5MM
2X MIRRORED

W2

F25

ENGINE COWL
POLYFOAM/
DEPRON 5MM
5X