



Model : 58/2025



# F4U CORSAIR

**1300 mm**

## Specs :

1. Wingspan 1300 mm / 51 inches
2. Flying weight : 1588 grams/ 56 oz / 3.5 lbs
3. Wing loading : 47.3 gram/dm<sup>2</sup> - 15.5 oz/sq.ft.
4. Wing cube loading : 8.2 (Trainer-Aerobatic)
5. Wing Area : 33.56 dm<sup>2</sup> / 520 sq.in.
6. CG : 7 cm / 2.75 inch from leading edge

## Electronics for test

- DXW 3536 1200kv Brushless motor
- 50A ESC Hobbywing Skywalker
- Battery Lipo 4S 2200mah
- 5 x 9 gram servos (metal micro servo)

## Prop :

- 11x5x3 prop

## Transmitter

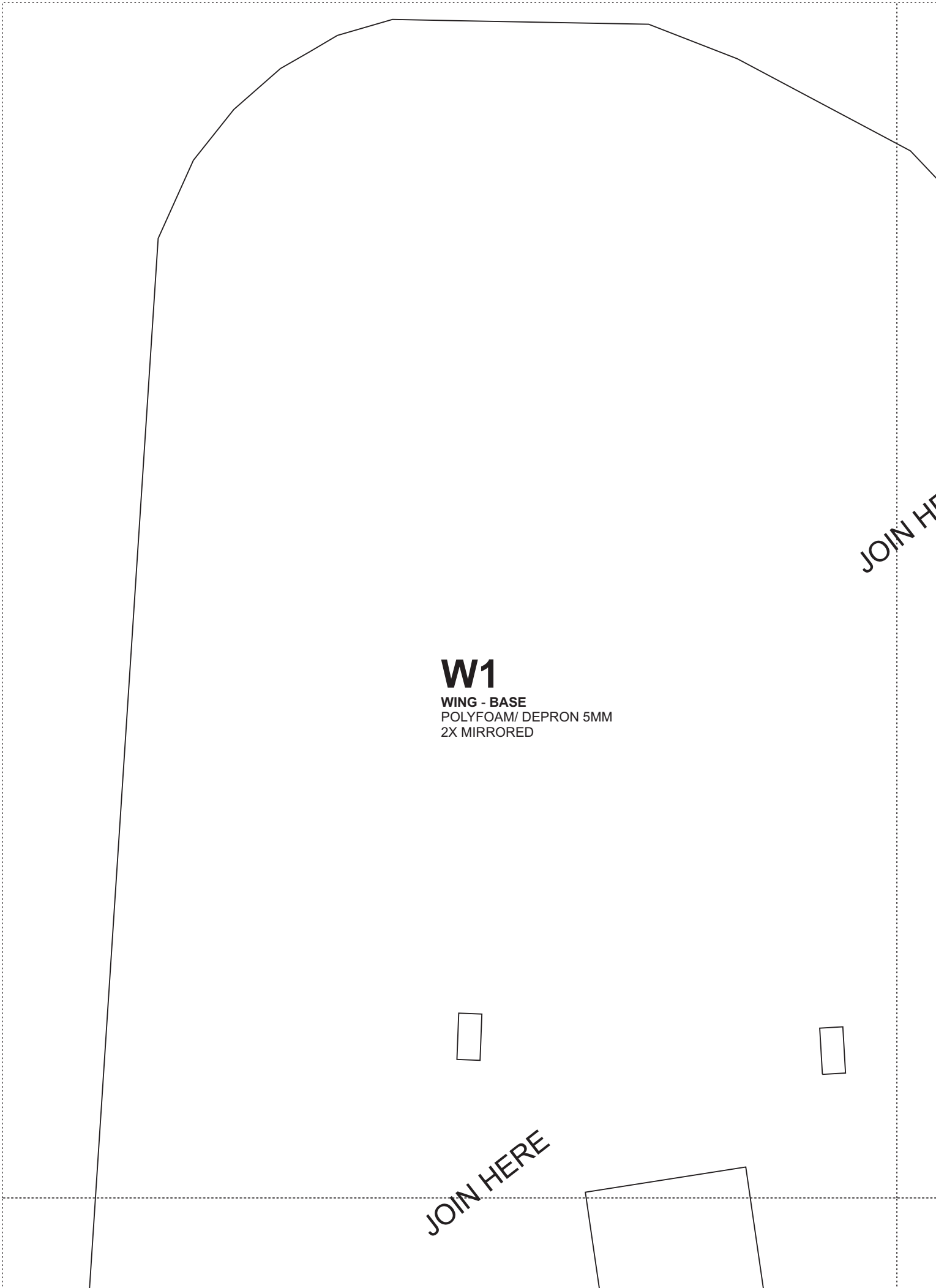
- Jumper T16 + BetaFPV Express LRS TX module
- 5 ch BetaFPV Express LRS RX

## 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](http://paper-replika.com)
2. youtube channel : Julius Perdana



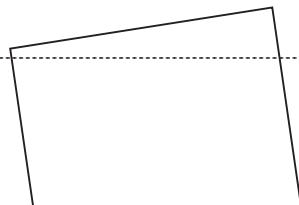
# W1

WING - BASE  
POLYFOAM/ DEPRON 5MM  
2X MIRRORED

JOIN HERE



JOIN HERE



JOIN HERE

**W4**

LG SCREW MOUNTING  
PLYWOOD 3MM  
4X

**W3**

WING - SPAR  
POLYFOAM/  
DEPRON 5MM  
2X

**W4**

WING - SPAR  
POLYFOAM/  
DEPRON 5MM  
2X

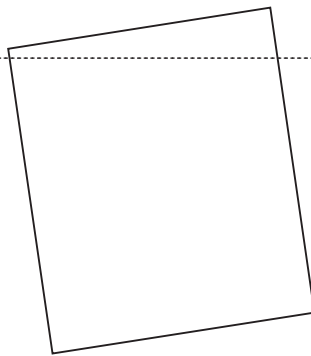
**W2**

WING - FORMER  
POLYFOAM/  
DEPRON 5MM  
2X

W1

JOIN HERE

JOIN HERE



W1



JOIN HERE

JOIN HERE

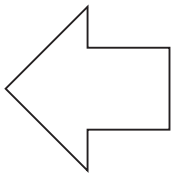
JOIN HERE

W1



# W7

MID WING - BASE  
POLYFOAM/ DEPRON 5MM  
2X MIRRORED



OUTER WING



JOIN HERE

JOIN HERE

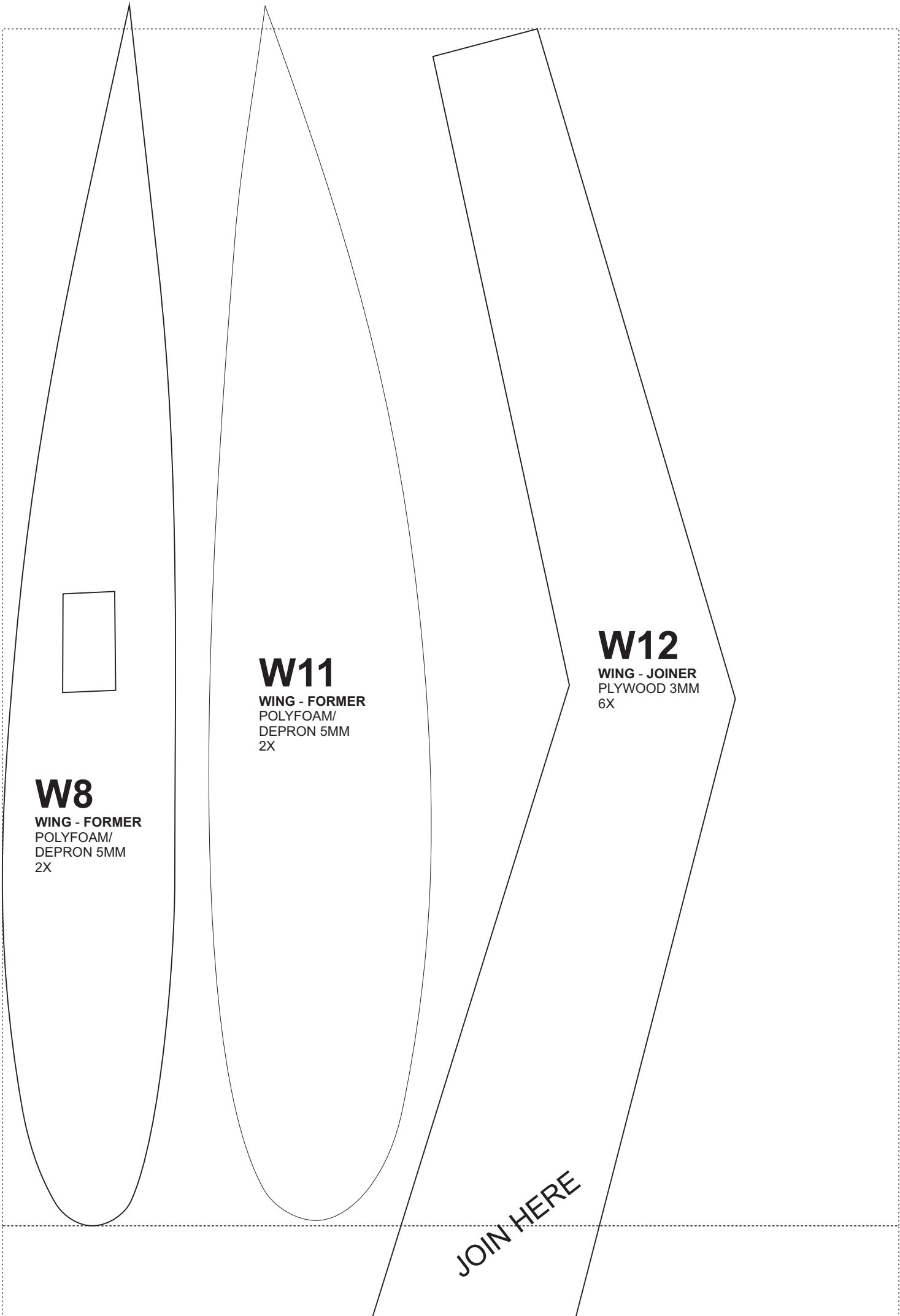
W7

**W9**

MID WING - SPAR  
POLYFOAM/ DEPRON 5MM  
2X MIRRORED

**W10**

MID WING - SPAR  
POLYFOAM/  
DEPRON 5MM  
2X MIRRORED



**W8**

WING - FORMER  
POLYFOAM/  
DEPRON 5MM  
2X

**W11**

WING - FORMER  
POLYFOAM/  
DEPRON 5MM  
2X

**W12**

WING - JOINER  
PLYWOOD 3MM  
6X

JOIN HERE



JOIN HERE

W12

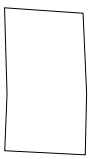


**F15**

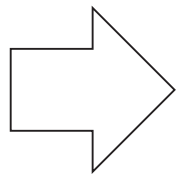
FIREWALL/ MOTOR MOUNT  
POLYFOAM/ DEPRON 5MM  
2X

# W13

MID WING - TOP  
POLYFOAM/ DEPRON 5MM  
2X MIRRORED



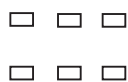
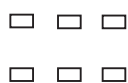
OUTER WING



**W13**

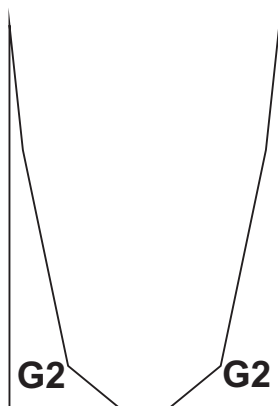
**W14**

WING JOINER  
PLYWOOD 3MM



**G1**

LG BASE  
PLYWOOD 3MM



**G2**

**G2**

**G3**

LG BASE  
PLYWOOD 3MM

**W15**

WING DETAIL  
PLYWOOD 3MM  
2X MIRRORED

**S2A**

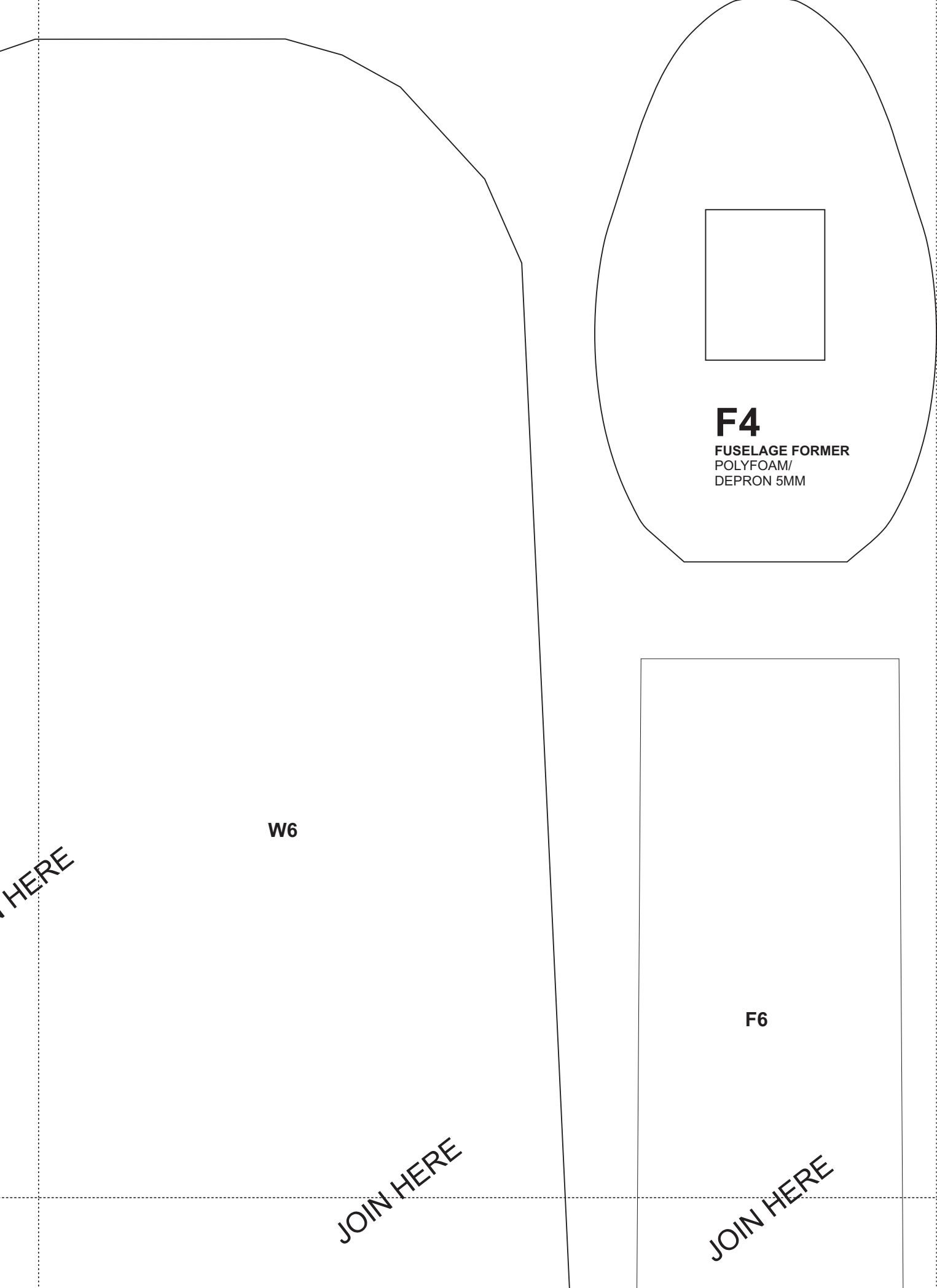
HOR-STAB  
POLYFOAM/  
DEPRON 5MM  
2X MIRRORED

**W6**

OUTER WING - TOP  
POLYFOAM/ DEPRON 5MM  
2X MIRRORED

JOIN HERE

JOIN HERE



W6



**F4**  
FUSELAGE FORMER  
POLYFOAM/  
DEPRON 5MM

F6

JOIN HERE

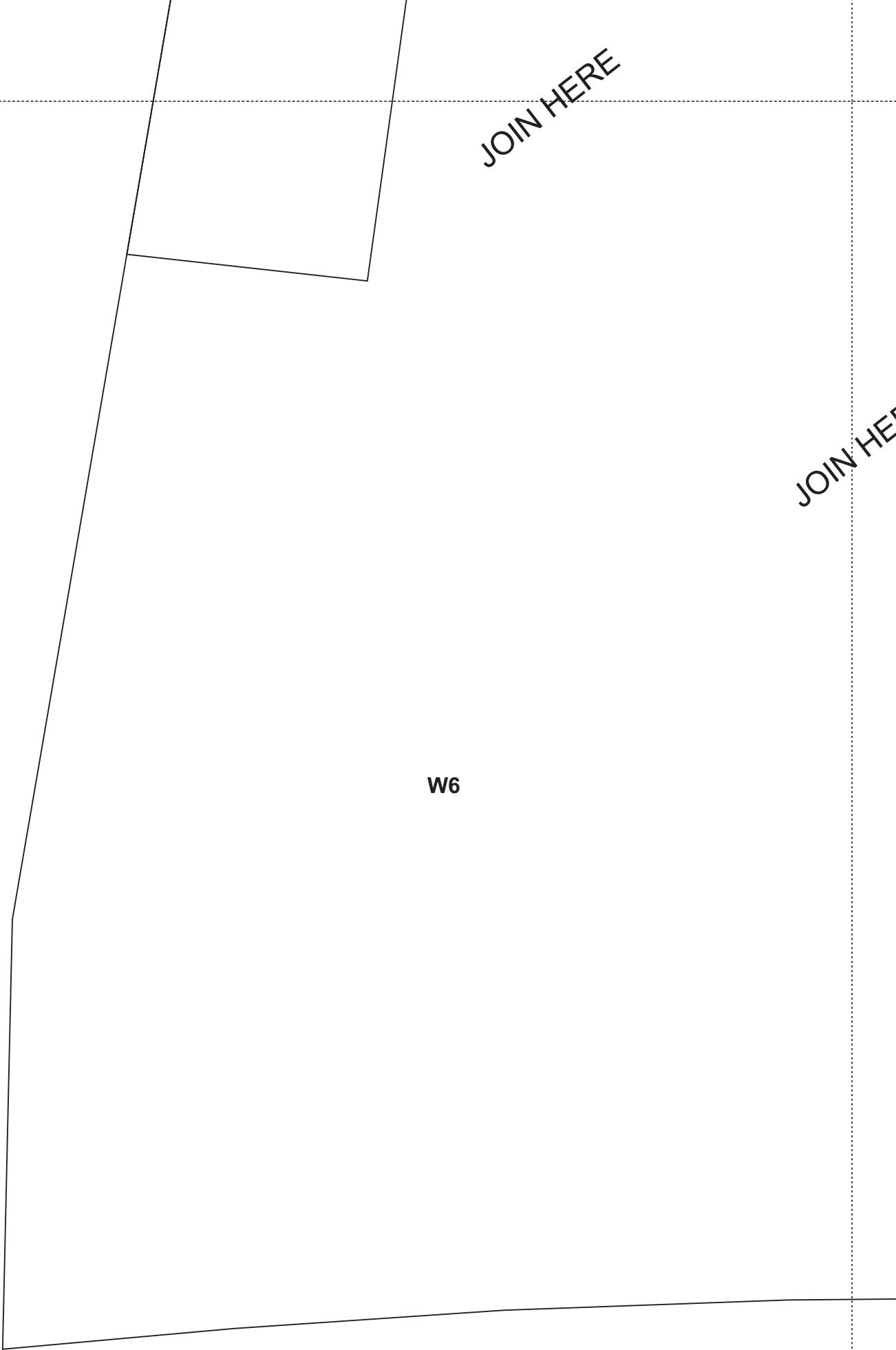
JOIN HERE

HERE

JOIN HERE

JOIN HERE

W6



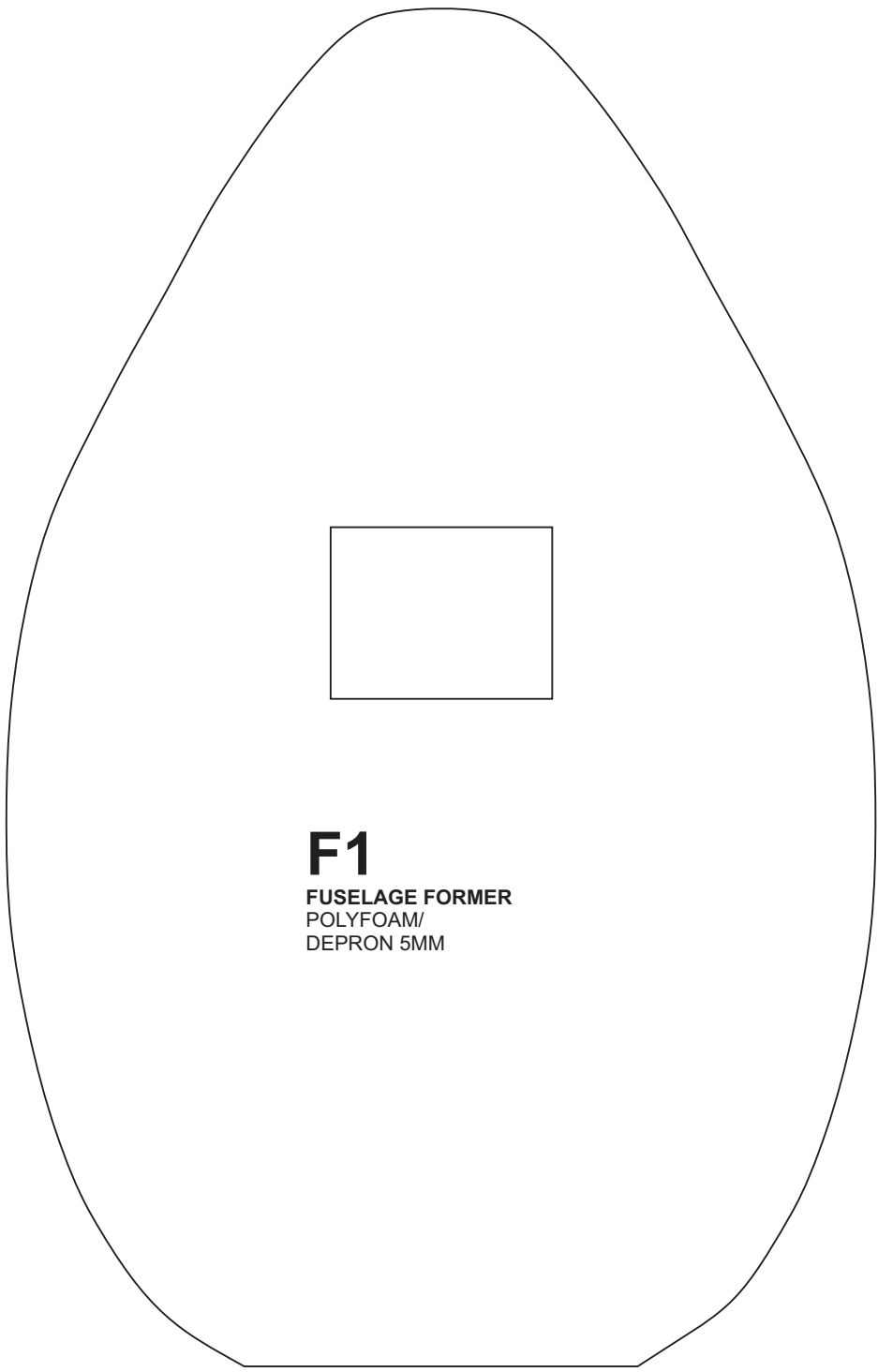
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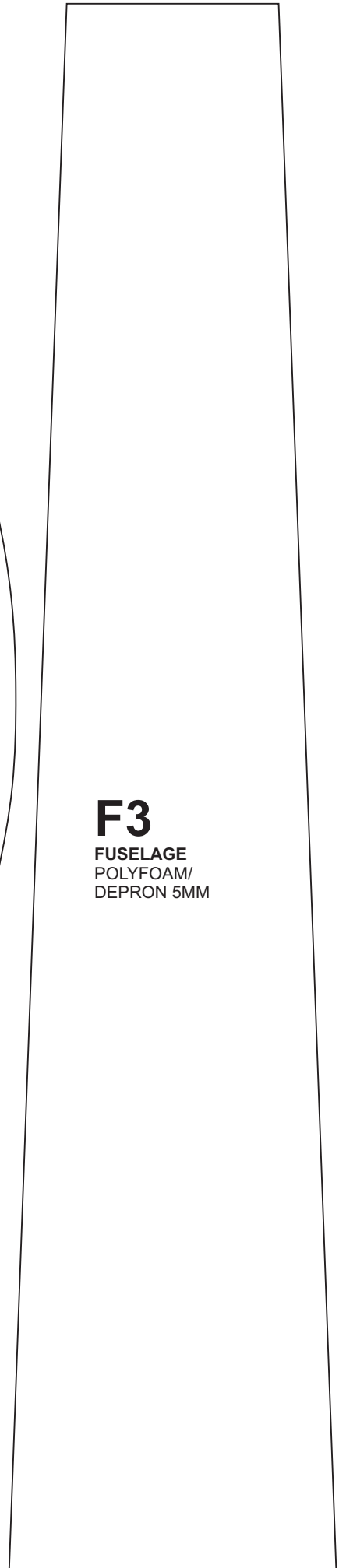
**F6**  
FUSELAGE  
POLYFOAM/  
DEPRON 5MM

**W6**



**F1**

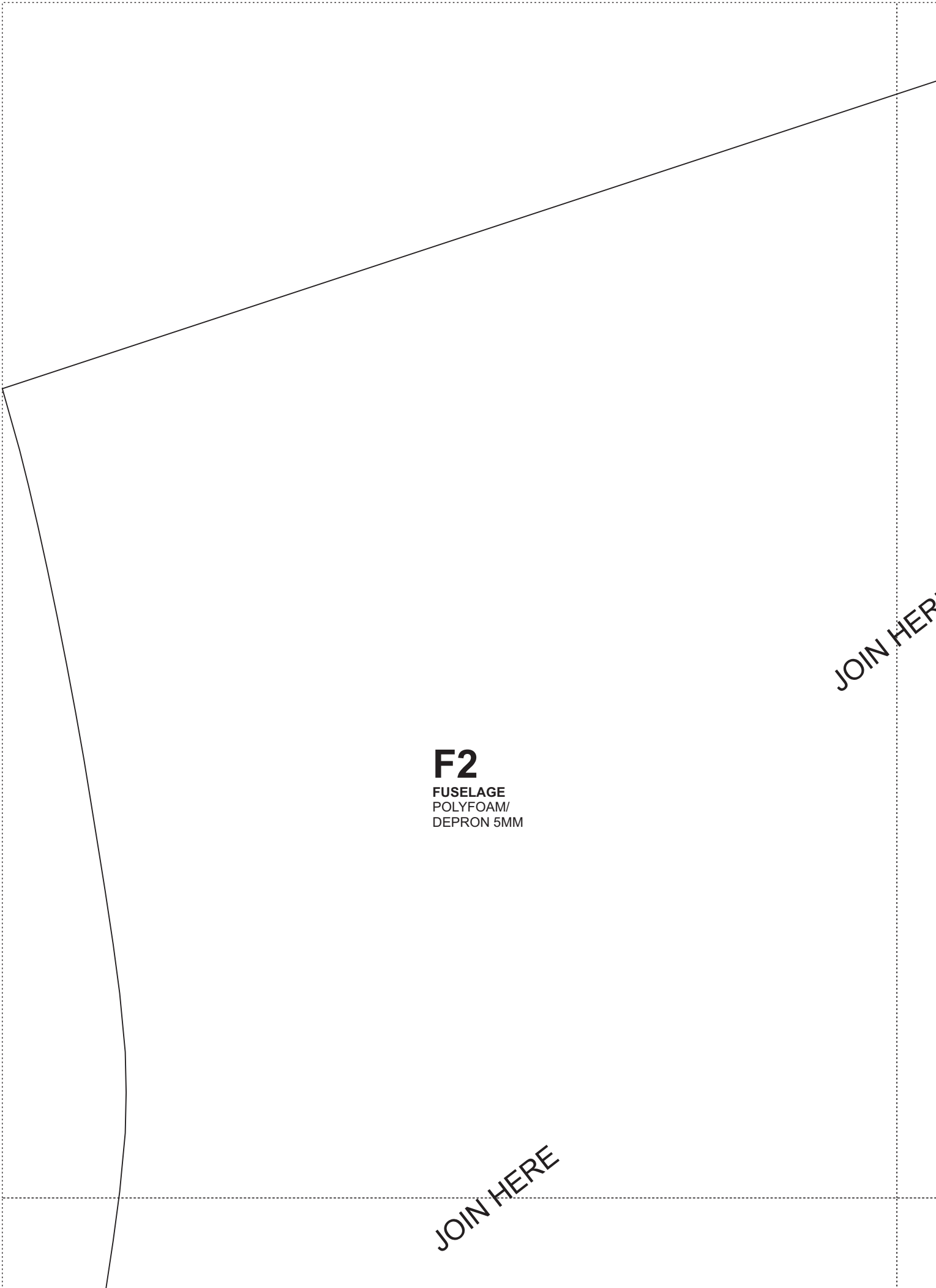
**FUSELAGE FORMER**  
POLYFOAM/  
DEPRON 5MM



**F3**

**FUSELAGE**  
POLYFOAM/  
DEPRON 5MM





**F2**

FUSELAGE  
POLYFOAM/  
DEPRON 5MM

JOIN HERE

JOIN HERE

JOIN HERE

F2

JOIN HERE

**F19**  
COWL  
POLYFOAM/  
DEPRON 5MM

JOIN HERE

JOIN HERE

F2

JOIN HERE

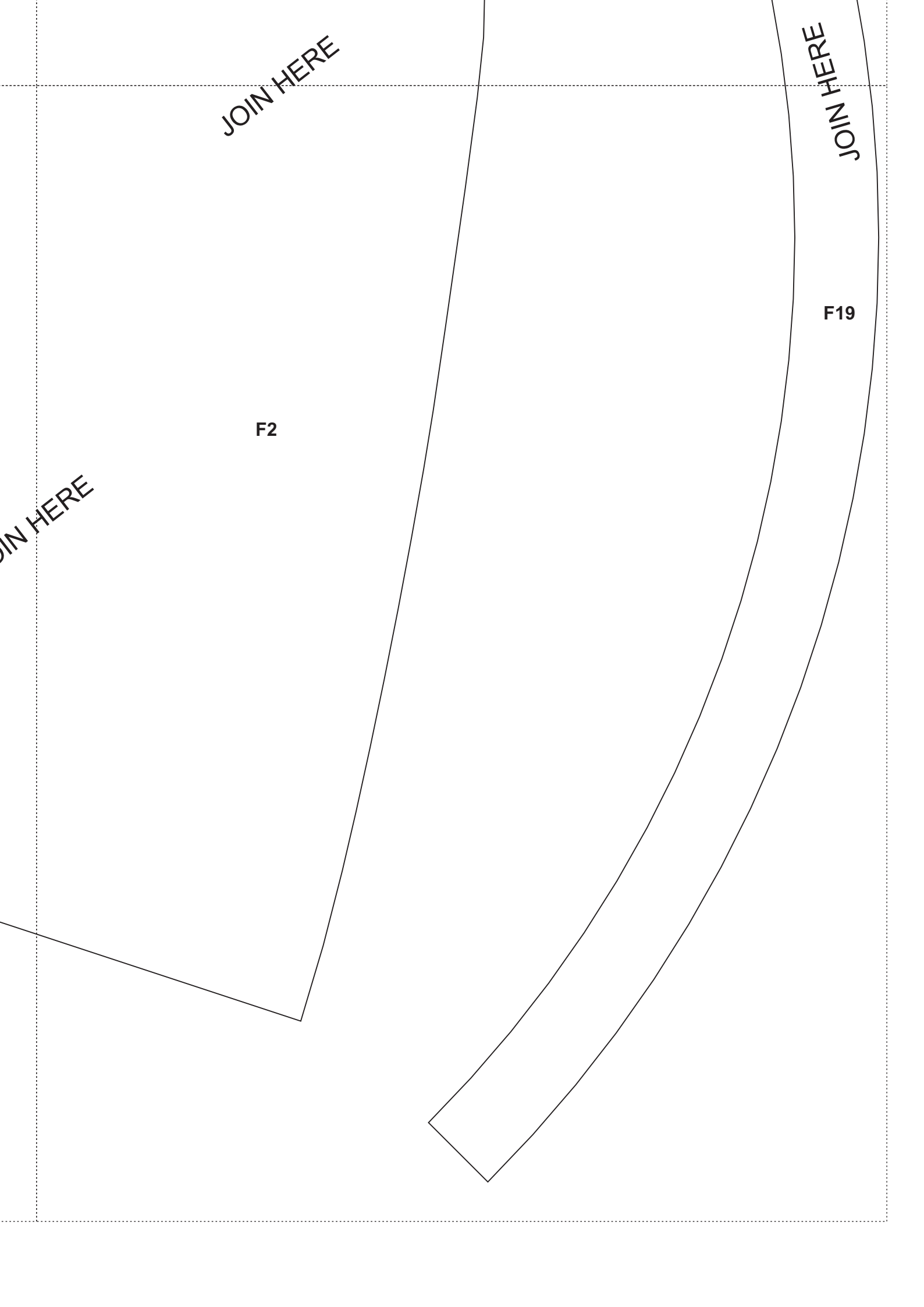
JOIN HERE

JOIN HERE

F19

F2

JOIN HERE



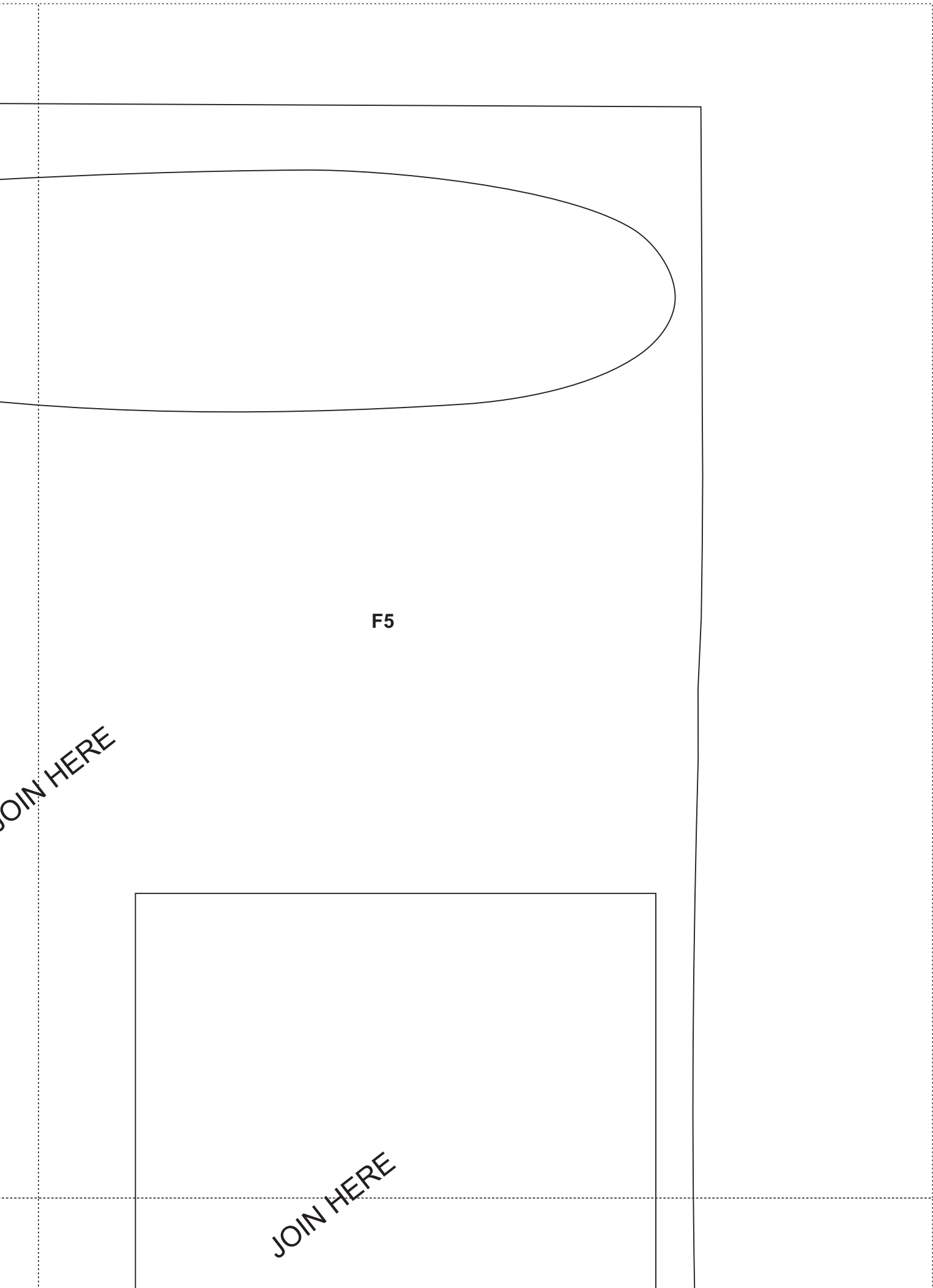


**F5**

FUSELAGE  
POLYFOAM/  
DEPRON 5MM

JOIN HERE

JOIN HERE



**F5**

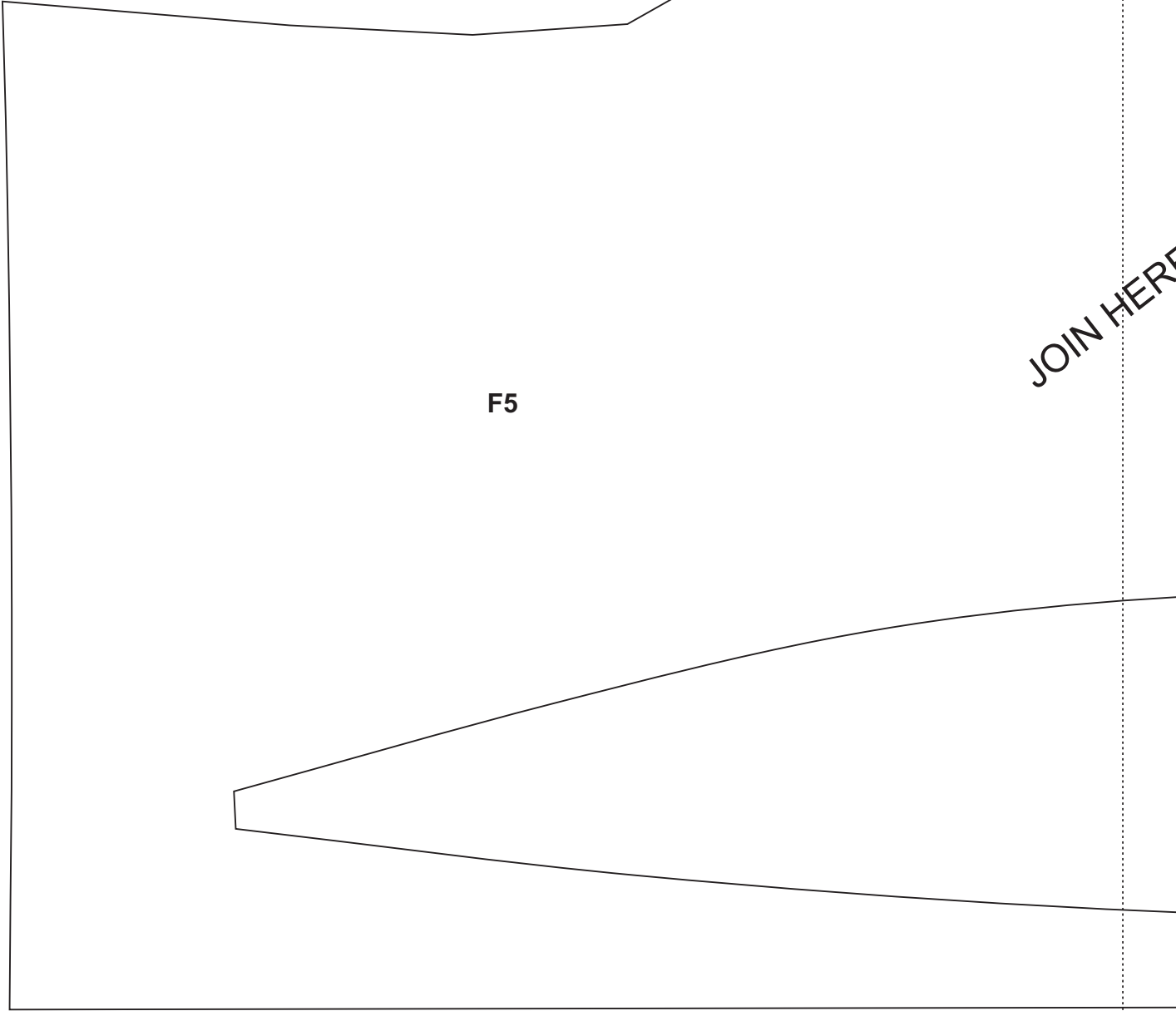
**JOIN HERE**

**JOIN HERE**

JOIN HERE

F5

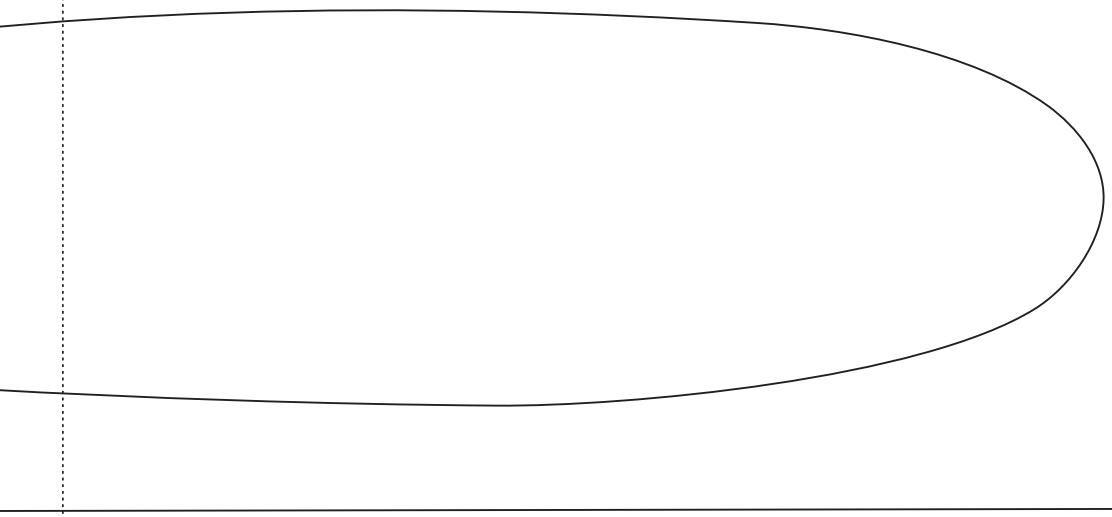
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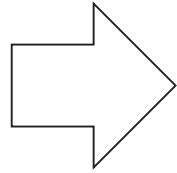
JOIN HERE

F5

IN HERE







RIGHT

**F7**

FUSELAGE  
POLYFOAM/  
DEPRON 5MM

JOIN HERE

**F8**

FUSELAGE  
POLYFOAM/  
DEPRON 5MM  
2X

JOIN HERE

JOIN HERE

**F7**

JOIN HERE

**F8**



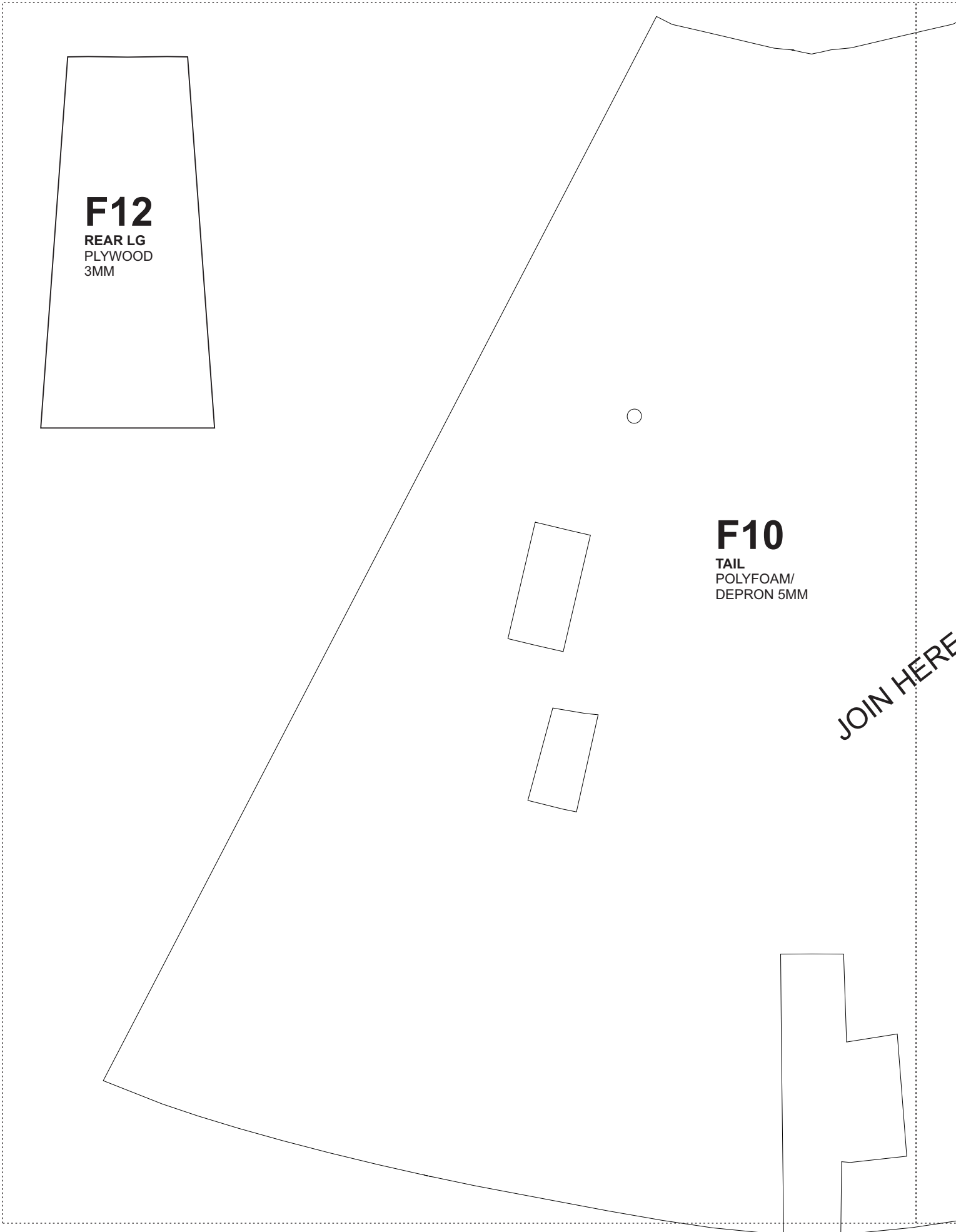
**F12**

REAR LG  
PLYWOOD  
3MM

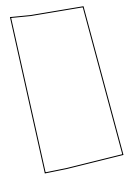
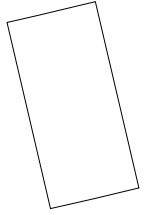
**F10**

TAIL  
POLYFOAM/  
DEPRON 5MM

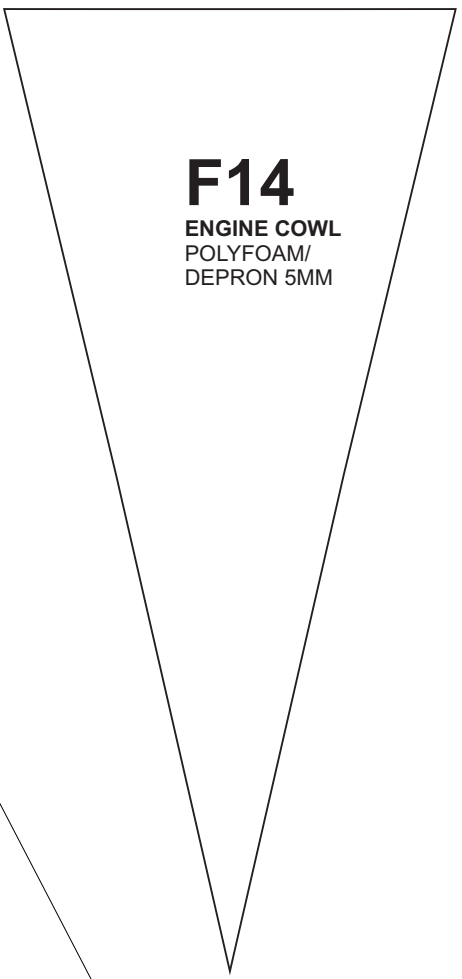
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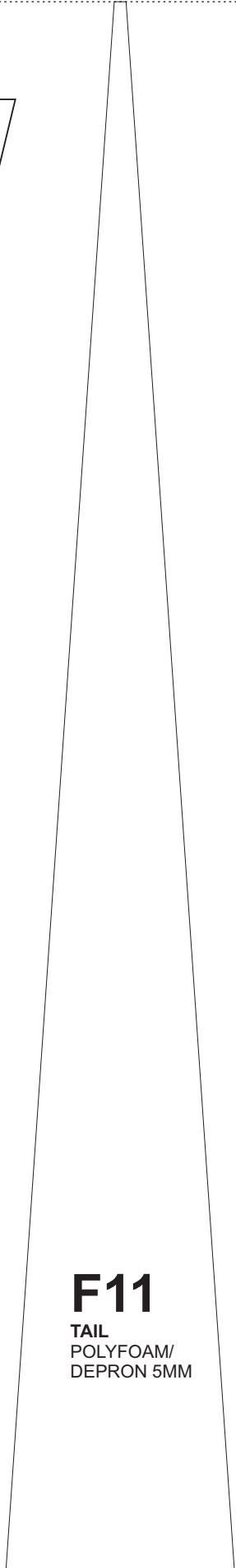
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**F10**



**F14**  
ENGINE COWL  
POLYFOAM/  
DEPRON 5MM

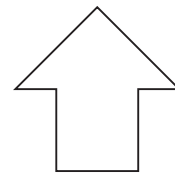


**F11**  
TAIL  
POLYFOAM/  
DEPRON 5MM

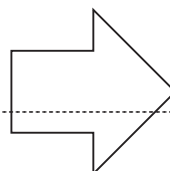
JOIN HERE

# F13

ENGINE COWL  
POLYFOAM/  
DEPRON 5MM

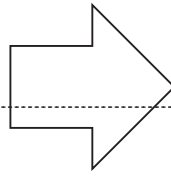


LEFT



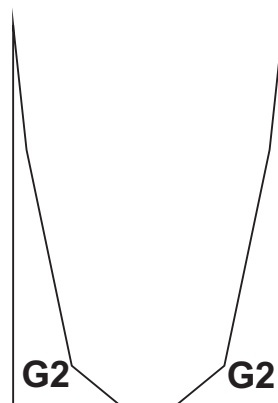
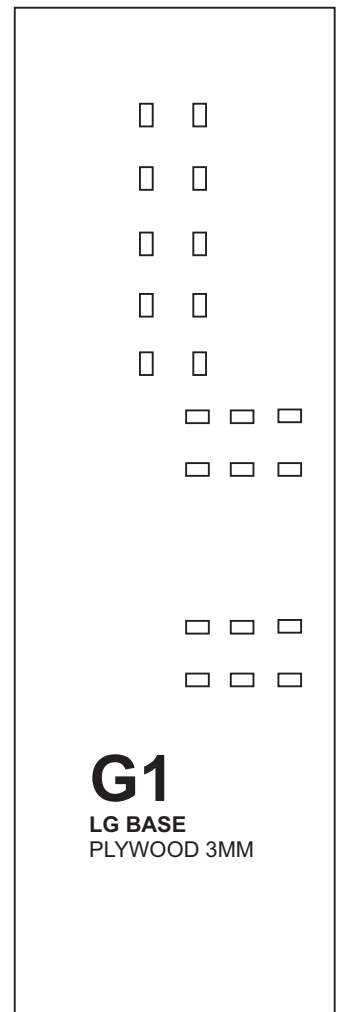
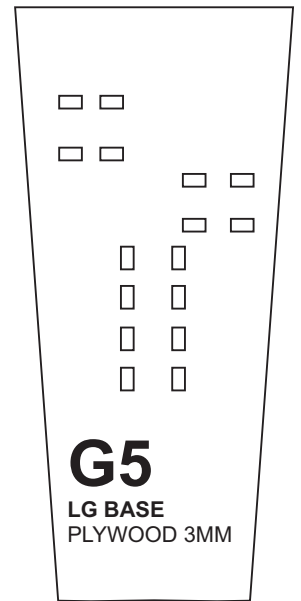
FRONT

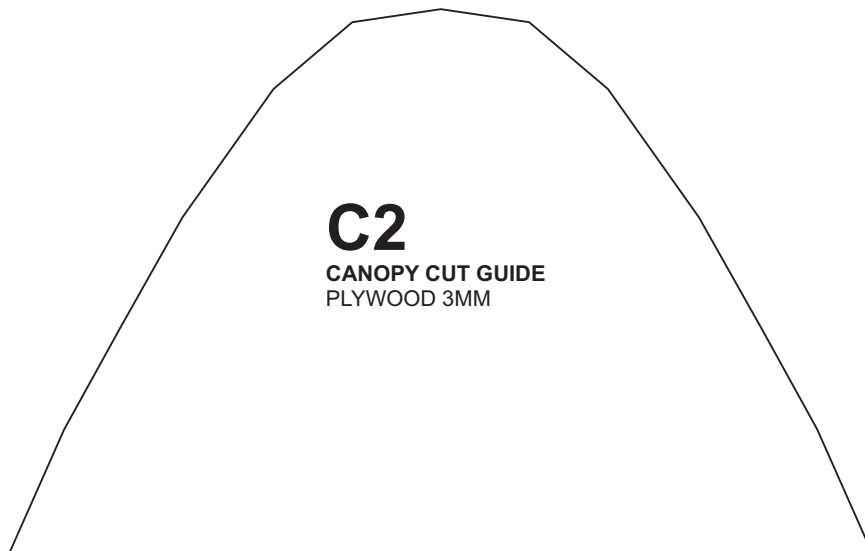
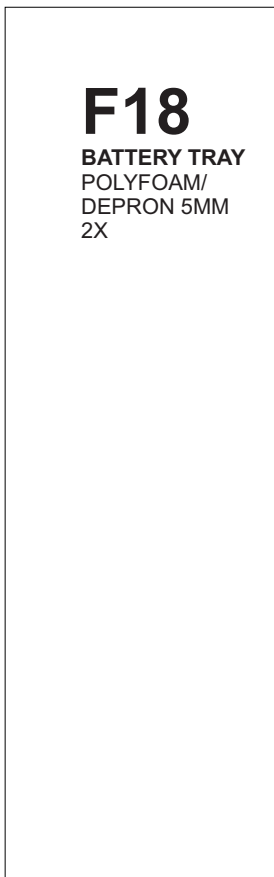
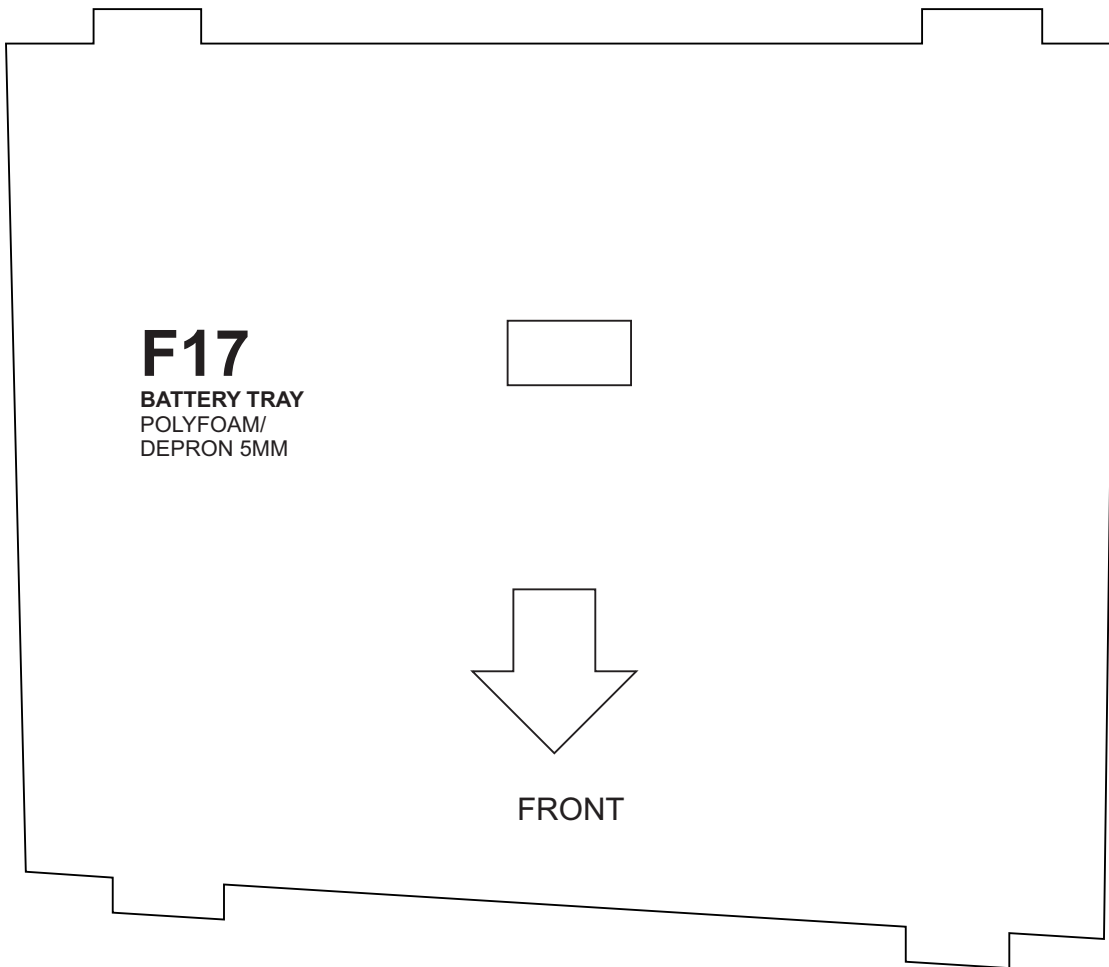
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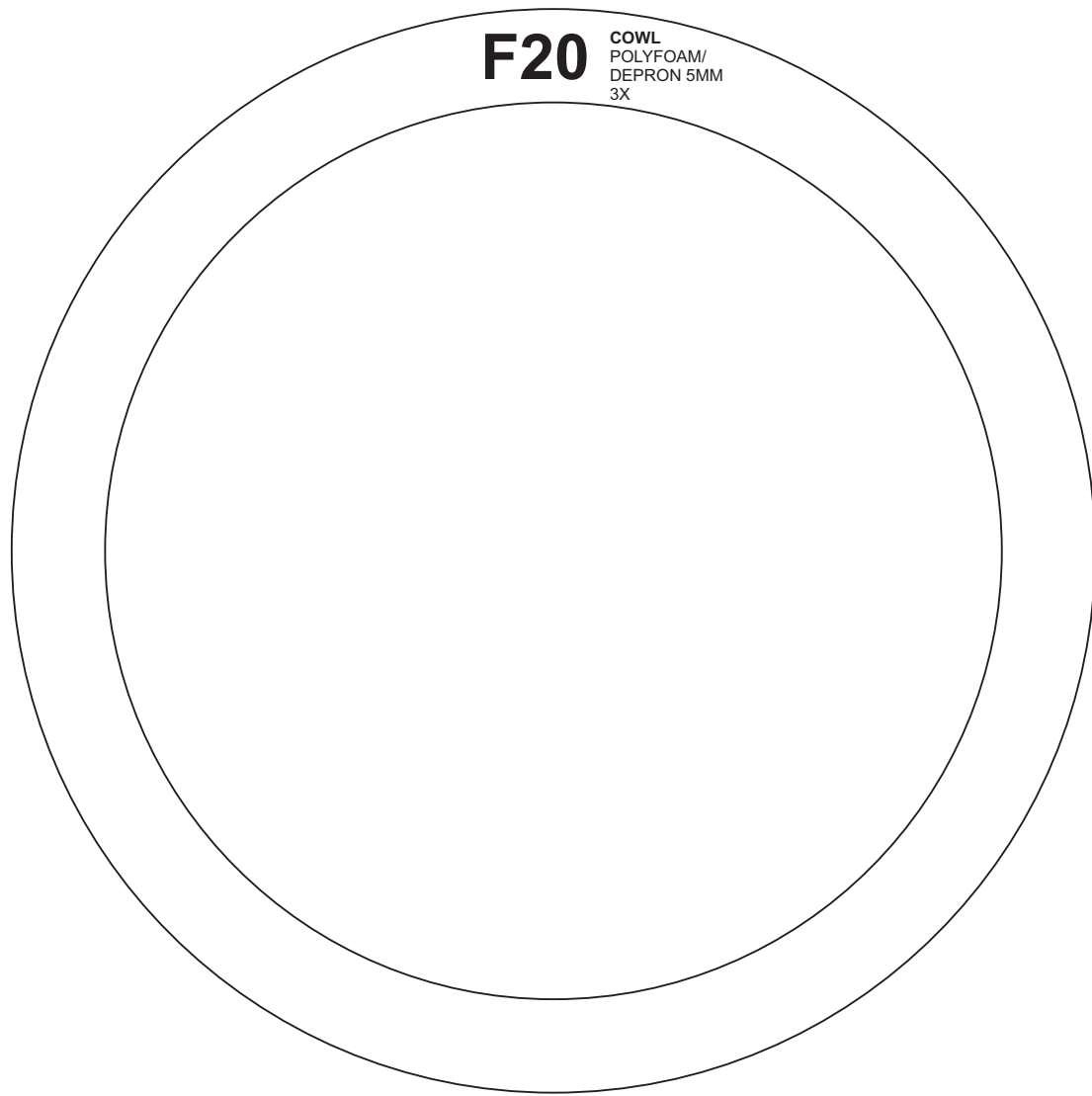
FRONT

**F13**

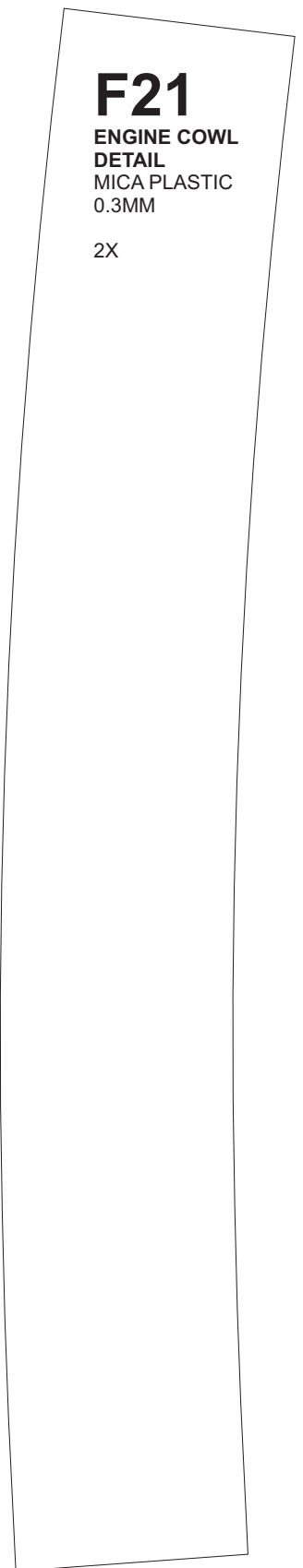






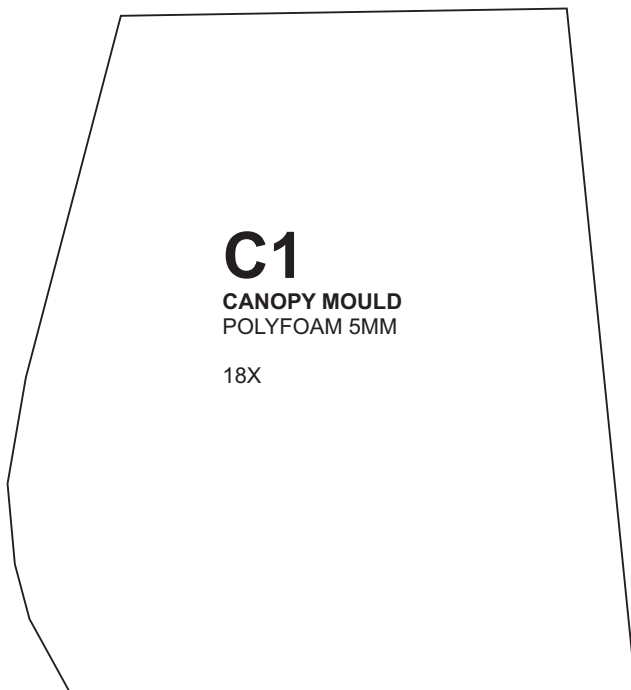


**F20** COWL  
POLYFOAM/  
DEPRON 5MM  
3X



**F21** ENGINE COWL  
DETAIL  
MICA PLASTIC  
0.3MM

2X



**C1** CANOPY MOULD  
POLYFOAM 5MM

18X



**S4**

**VERTICAL STAB**  
POLYFOAM/  
DEPRON 5MM  
2X

**S5**

**RUDDER**  
POLYFOAM/  
DEPRON 5MM  
2X

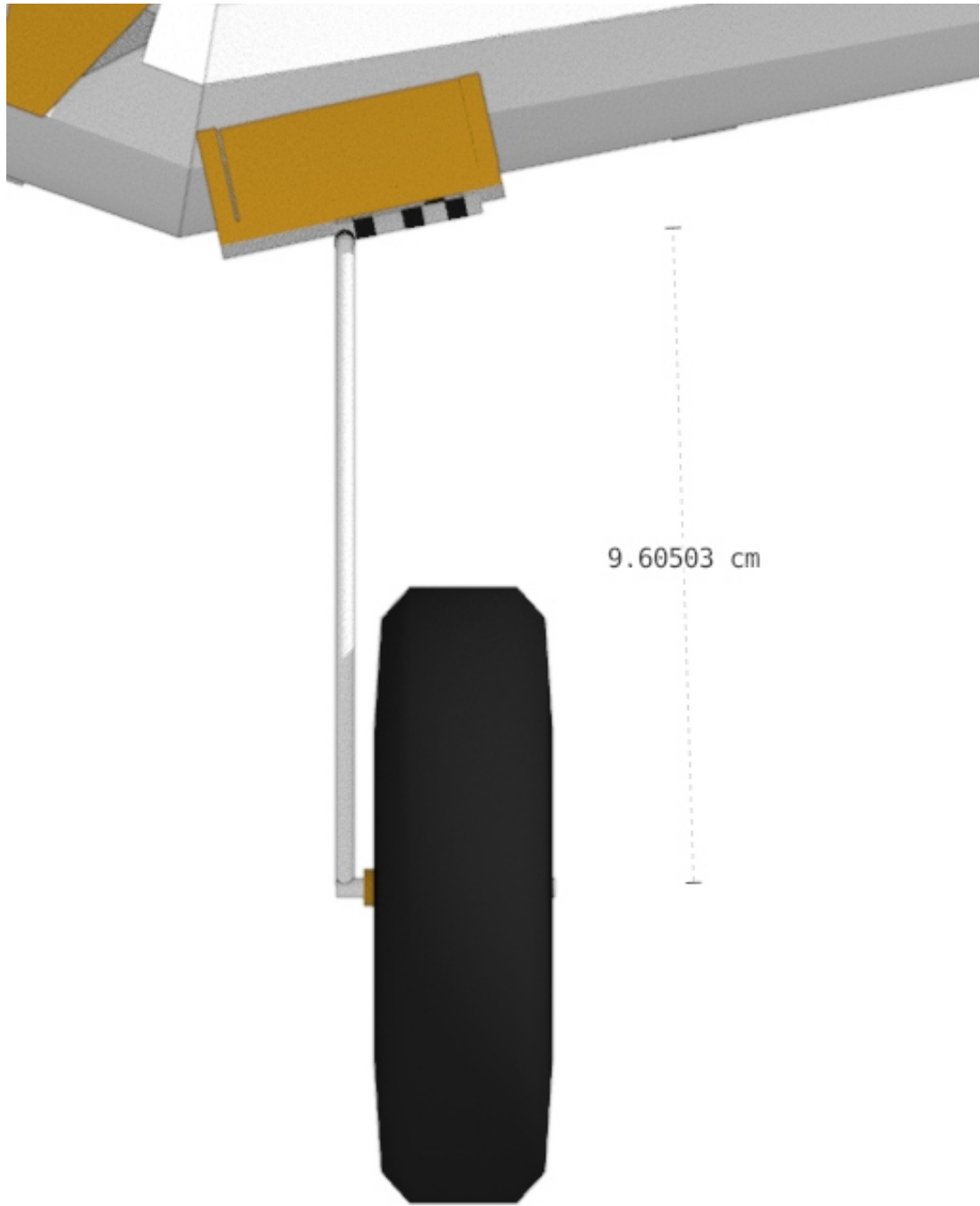


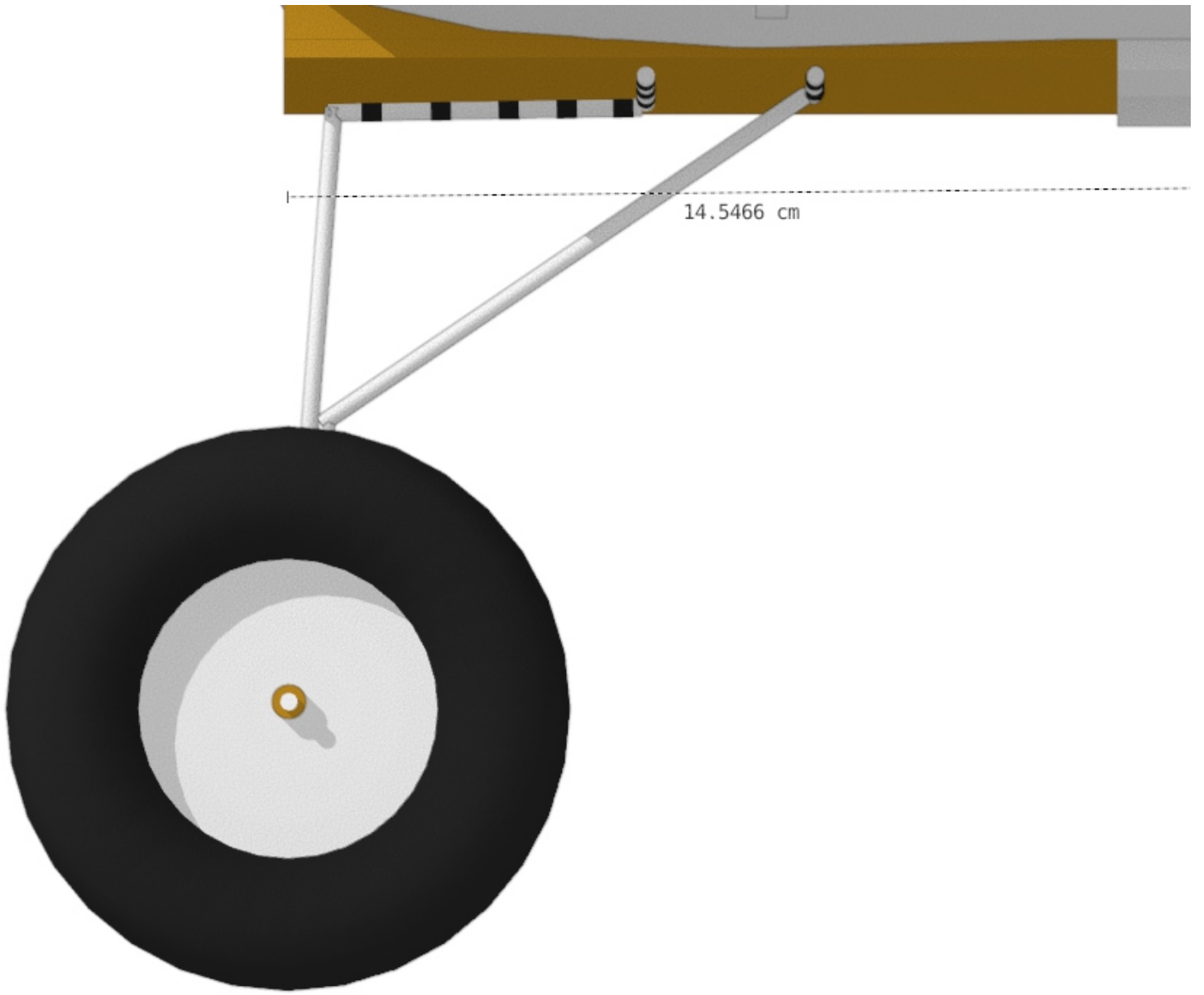
**S3**

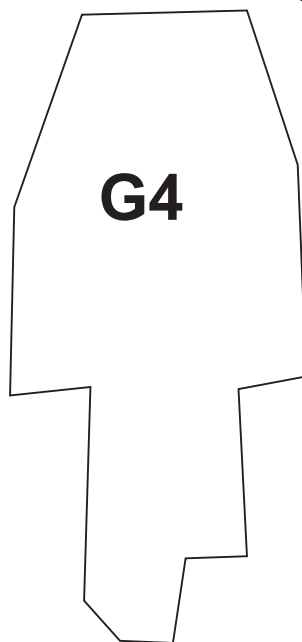
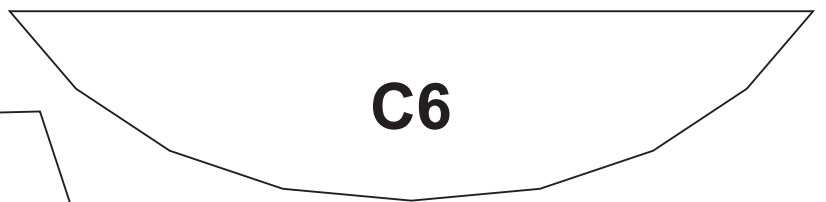
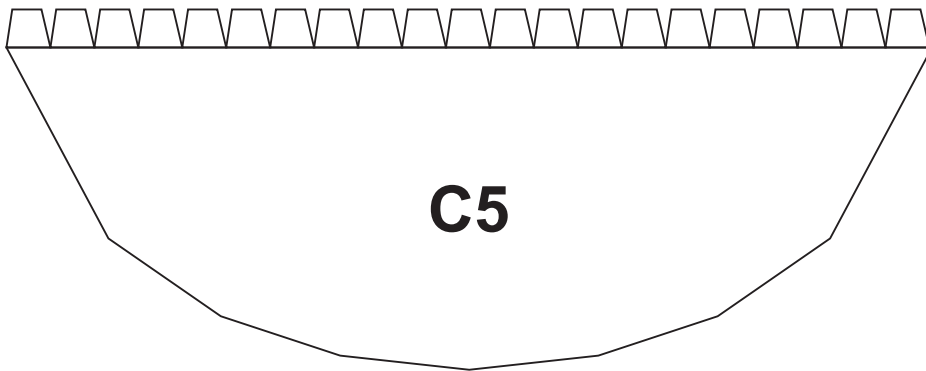
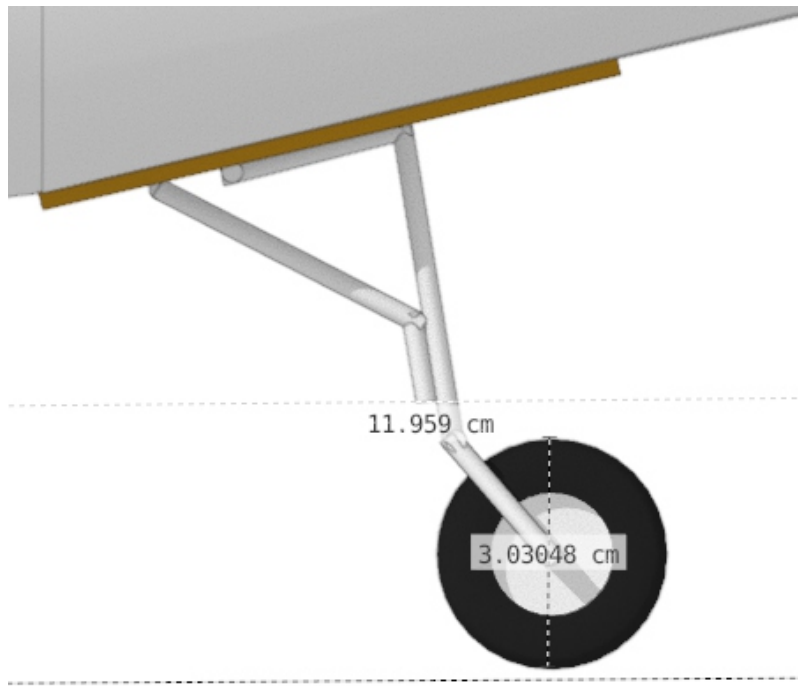
**ELEVATOR**  
POLYFOAM/  
DEPRON 5MM  
4X MIRRORED

**S2**

**HOR-STAB**  
POLYFOAM/  
DEPRON 5MM  
2X MIRRORED



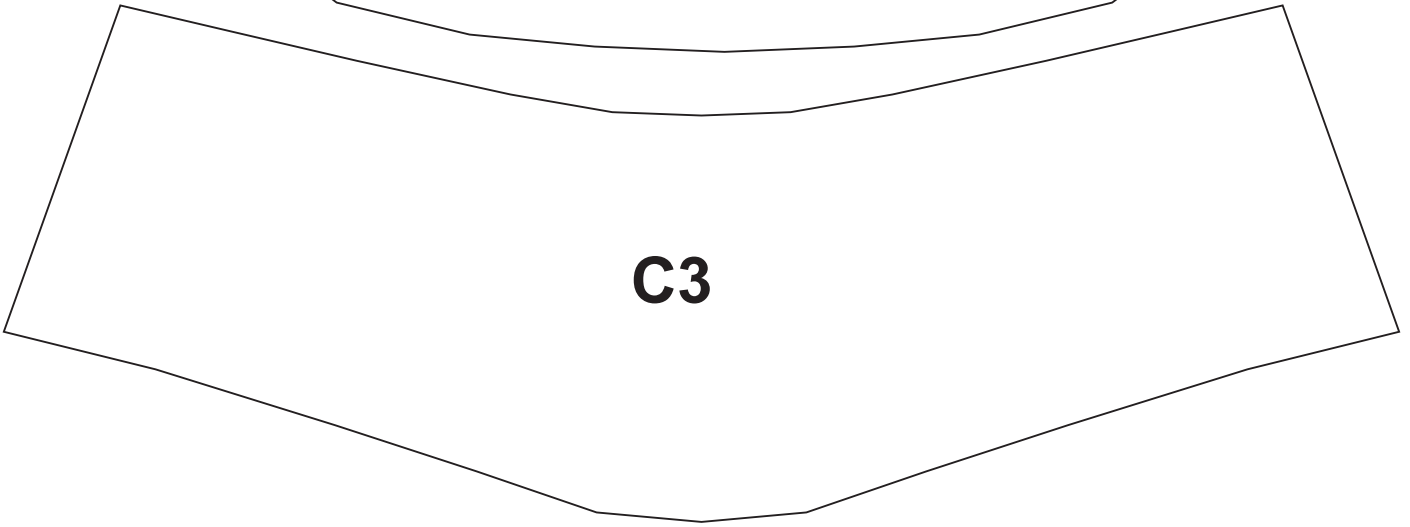




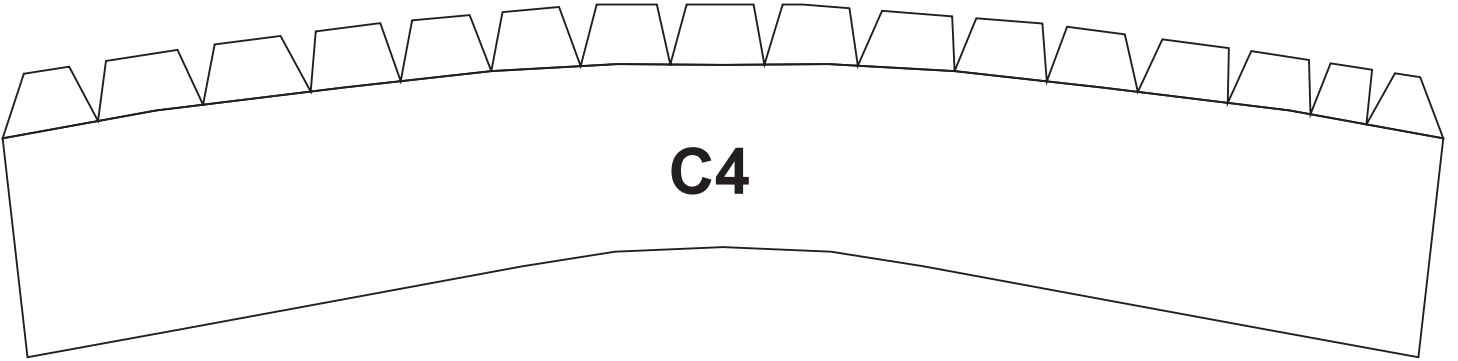


**C7**

**WINDSHIELD  
MICA PLASTIC  
0.3MM**



**C3**



**C4**