



Model : 42/2023



Cessna L-19/ O-1 Bird Dog

2000mm

Specs :

1. Wingspan 2000mm / 79 inches
2. Flying weight : 2900 grams/ 102.3 oz
3. Wing loading : 51.1 gram/dm² - 16.7 oz/sq.ft.
4. Wing cube loading : 6.8 (Trainers = 6-7)
5. Wing Area : 56.80 dm² / 880 sq.in.
6. CG : 25% wing chord

Electronics for test

1. 5mm Foamboard/ Depron/ Polyfoam
2. 10mm + 3mm Carbon Tube 1 meter and 50 cm
3. 0.3mm Mica Plastic
4. hot glue, UHU glue, CA glue
5. Packing tapes

Transmitter

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

Materials :

1. 5mm Foamboard/ Depron/ Polyfoam
2. 10mm + 3mm Carbon Tube 1 meter and 50 cm
3. 0.3mm Mica Plastic
4. hot glue, UHU glue, CA glue
5. Packing tapes

Build Instructions :

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

↑FRONT

F1
FUSELAGE
POLYFOAM/
DEPRON 5MM

JOIN HERE

↑FRONT

F2
FUSELAGE
POLYFOAM/
DEPRON 5MM
2X MIRRORED

JOIN HERE

JOIN HERE

JOIN HERE

F1

F2

F3

FUSELAGE
POLYFOAM/
DEPRON 5MM

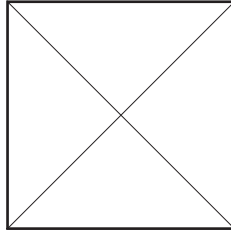


JOIN HERE

JOIN HERE

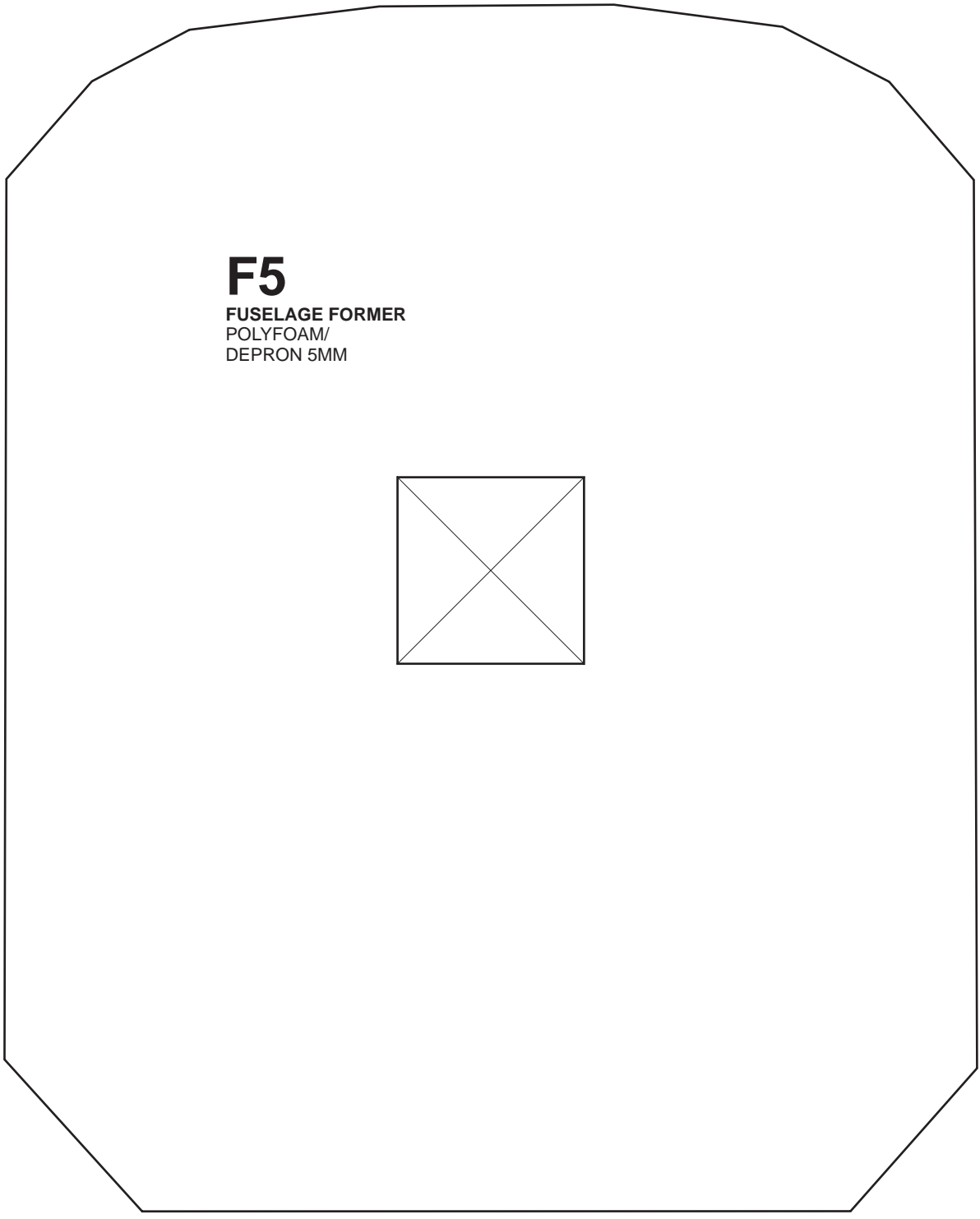
F3

← FRONT



F4
FUSELAGE FORMER
POLYFOAM/
DEPRON 5MM

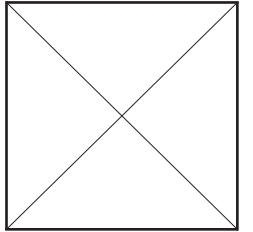
F9
FUSELAGE FORMER
POLYFOAM/
DEPRON 5MM
3X



F5
FUSELAGE FORMER
POLYFOAM/
DEPRON 5MM

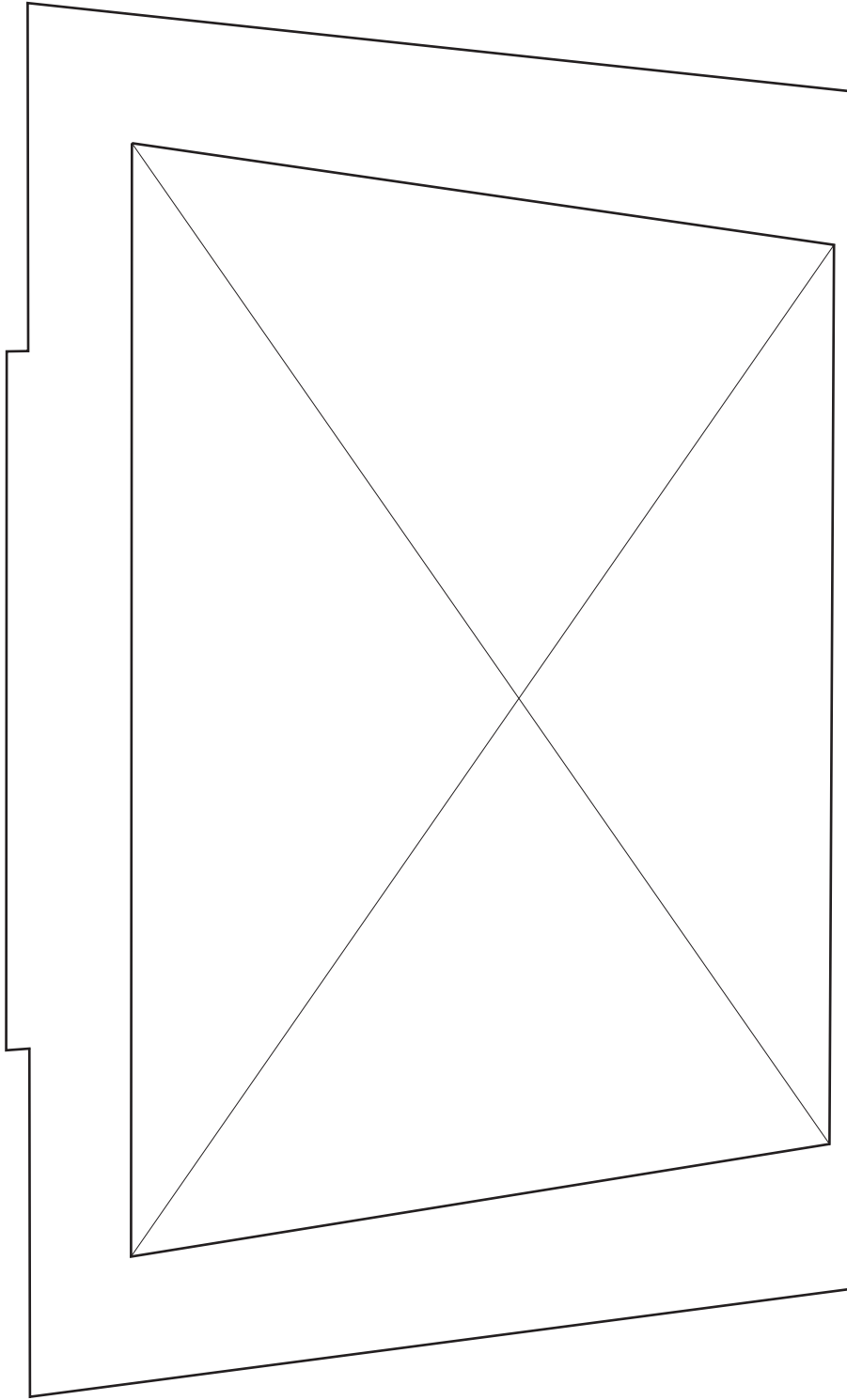
F10 SCREW BASE PLYWOOD 3MM	F10	F10	F10	F10	F10
---	------------	------------	------------	------------	------------

JOIN HERE



F6

FUSELAGE FORMER
POLYFOAM/
DEPRON 5MM
& PLYWOOD 3MM

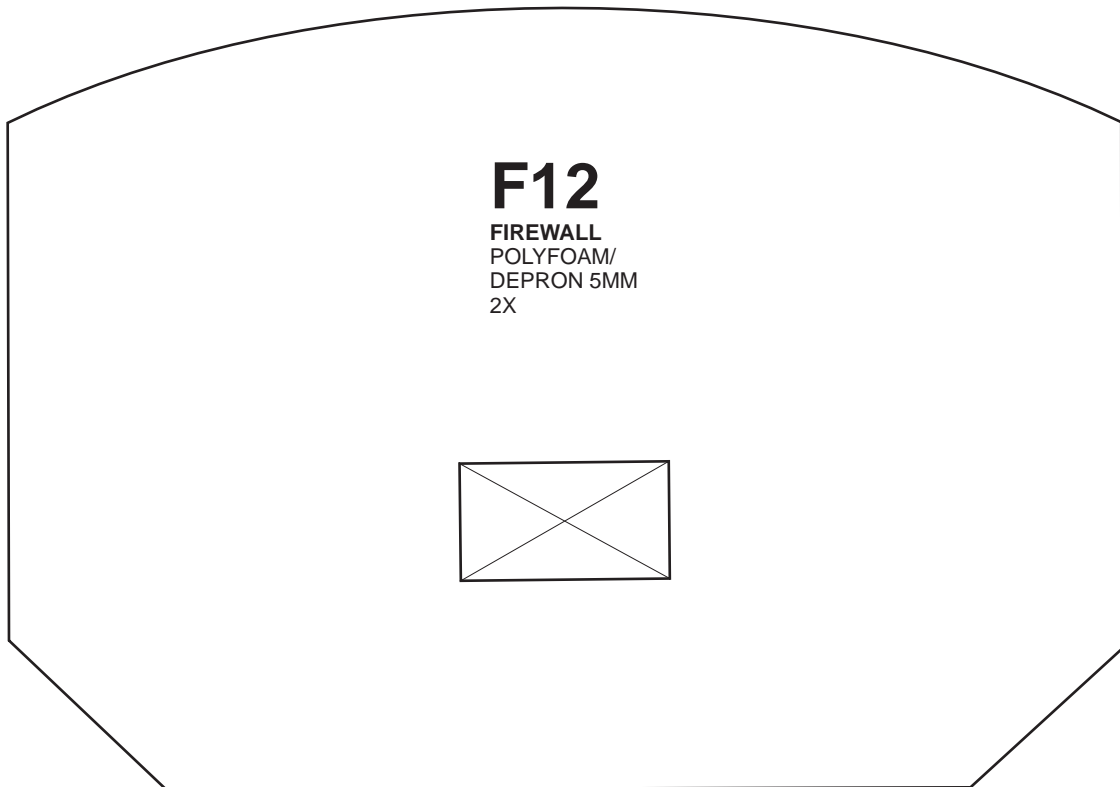
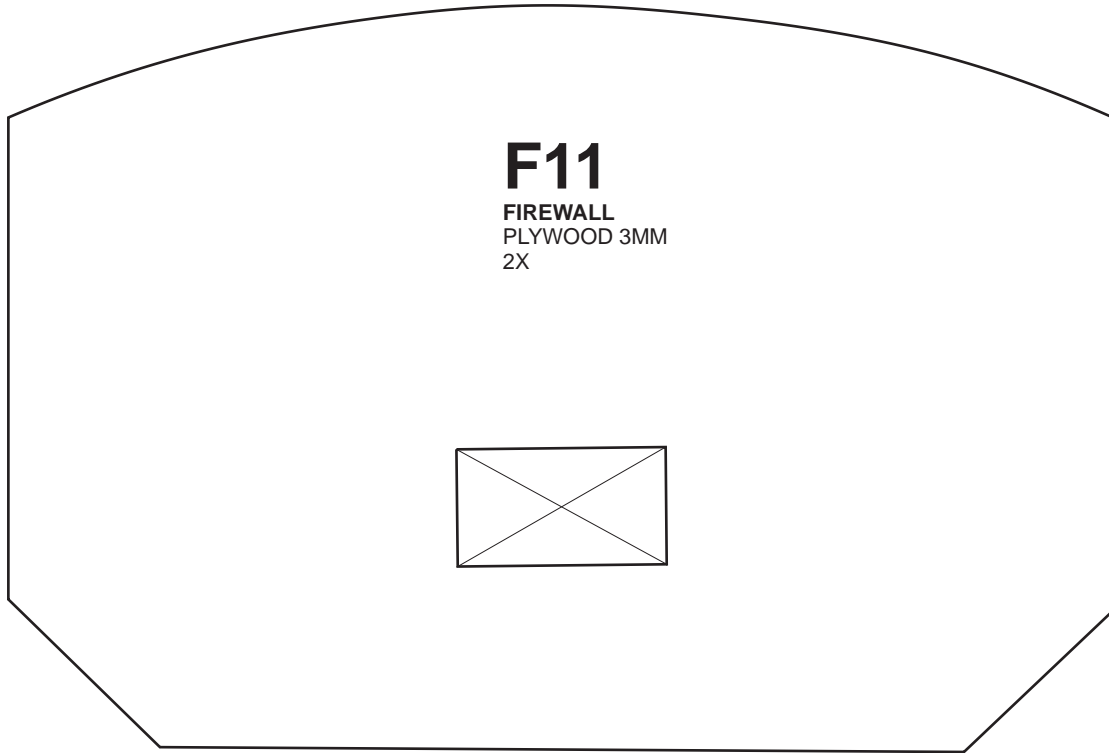


JOIN HERE

F6

F8

FUSELAGE
POLYFOAM/
DEPRON 5MM
2X MIRRORED



↑ FRONT

F13

BATTERY PLATFORM
POLYFOAM/
DEPRON 5MM
2X



↑FRONT

F14
FUSELAGE
POLYFOAM/
DEPRON 5MM
2X MIRRORED

F15
FUSELAGE
POLYFOAM/
DEPRON 5MM

JOIN HERE

F16

JOIN HERE

POLYFOAM/
DEPRON 5MM

JOIN HERE

F15

JOIN HERE

F16

JOIN HERE

F16

JOIN HERE

JOIN HERE

JOIN HERE

F15

F16

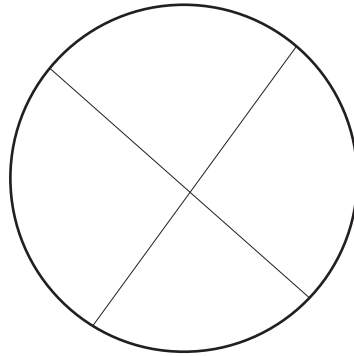
FUSELAGE
POLYFOAM/
DEPRON 5MM
2X MIRRORED



FRONT

F22

COWL
POLYFOAM/
DEPRON 5MM
4X



F17

FUSELAGE
POLYFOAM/
DEPRON 5MM
2X MIRRORED

W6

MID WING
PLYWOOD 3MM

W6

W6

JOIN HERE

JOIN HERE

F17

F24

CABIN
PLYWOOD 3MM

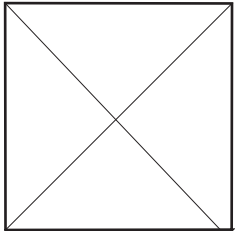
JOIN HERE

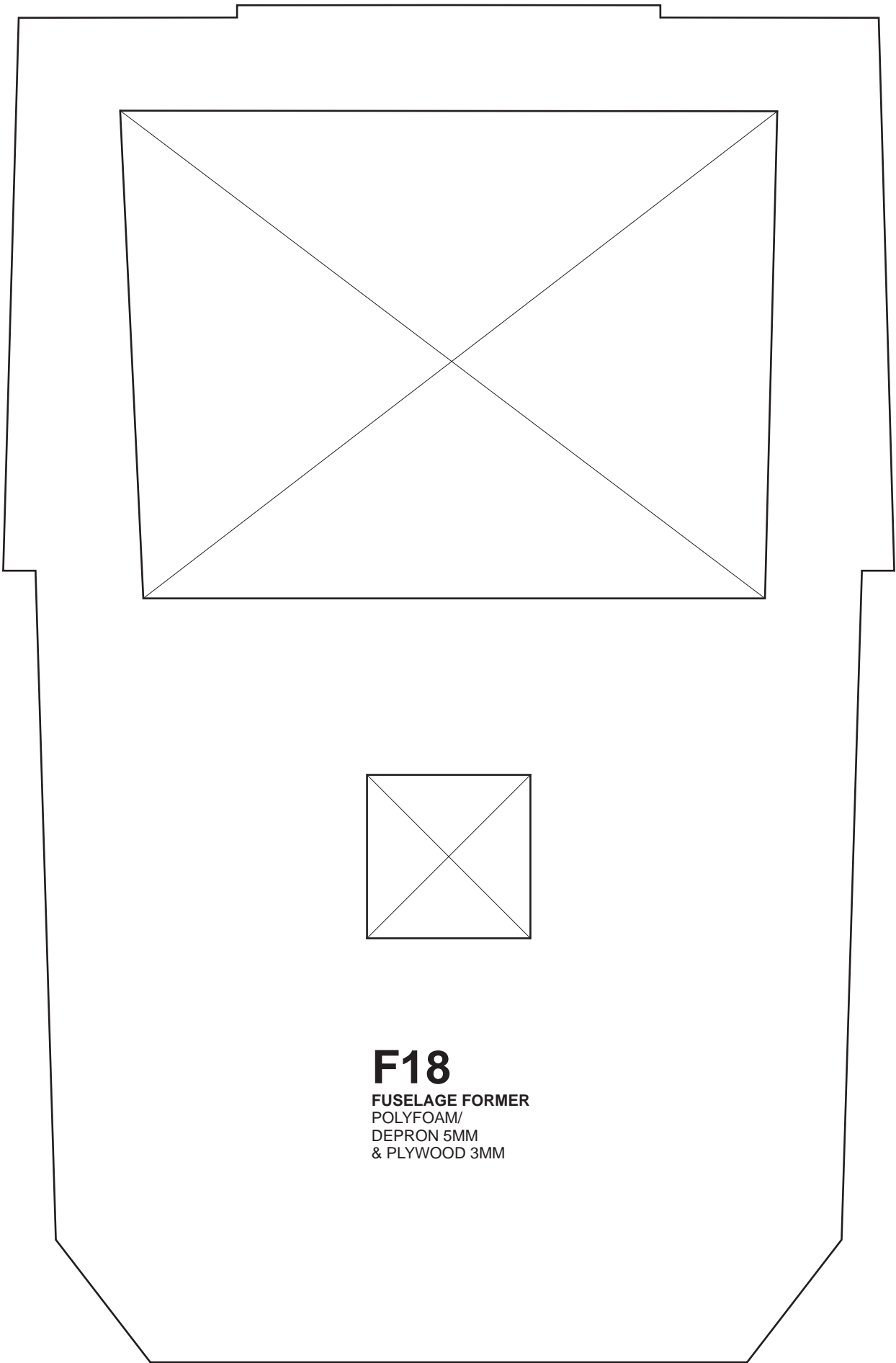
JOIN HERE

F17

F19

FUSELAGE FORMER
POLYFOAM/
DEPRON 5MM





F18

FUSELAGE FORMER
POLYFOAM/
DEPRON 5MM
& PLYWOOD 3MM



BATTERY
HATCH

F21
COWL
POLYFOAM/
DEPRON 5MM

W5

MID WING
PLYWOOD 3MM

W5

W5

F20

FUSELAGE
POLYFOAM/
DEPRON 5MM

W4

JOIN HERE

JOIN HERE

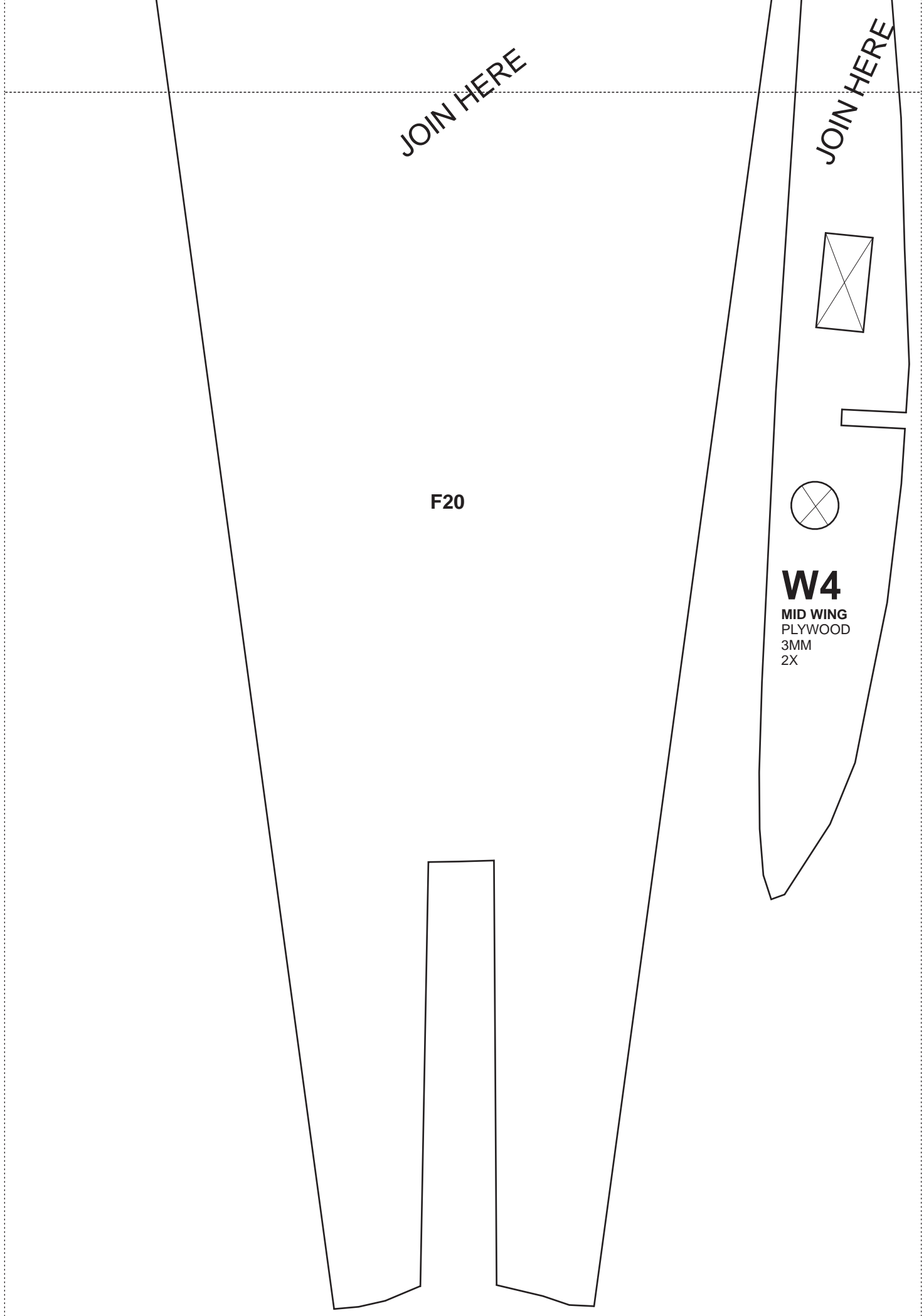
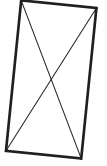
JOIN HERE

JOIN HERE

F20



W4
MID WING
PLYWOOD
3MM
2X



JOIN HER



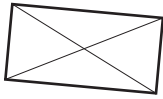
F23

CABIN
PLYWOOD 3MM

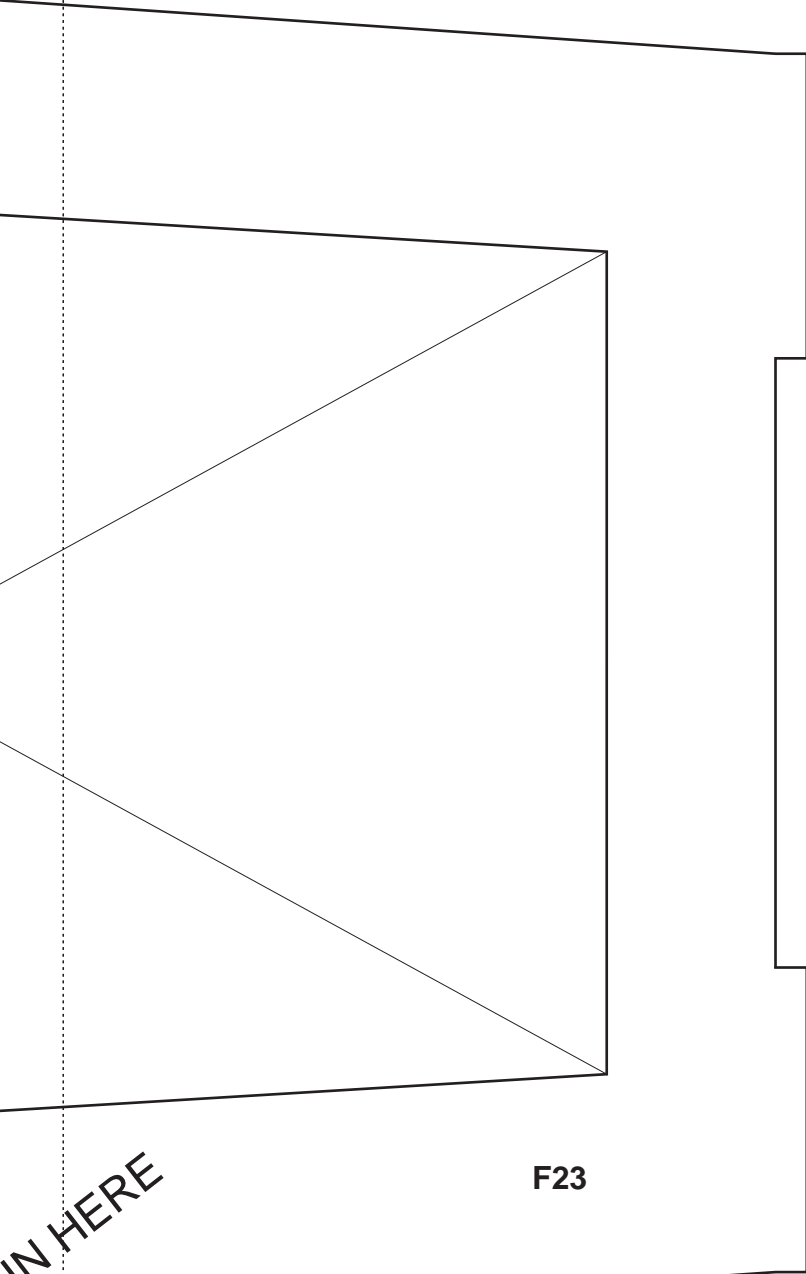
JOIN HER

JOIN HERE

W2



W2
MID WING
PLYWOOD 3MM
2X

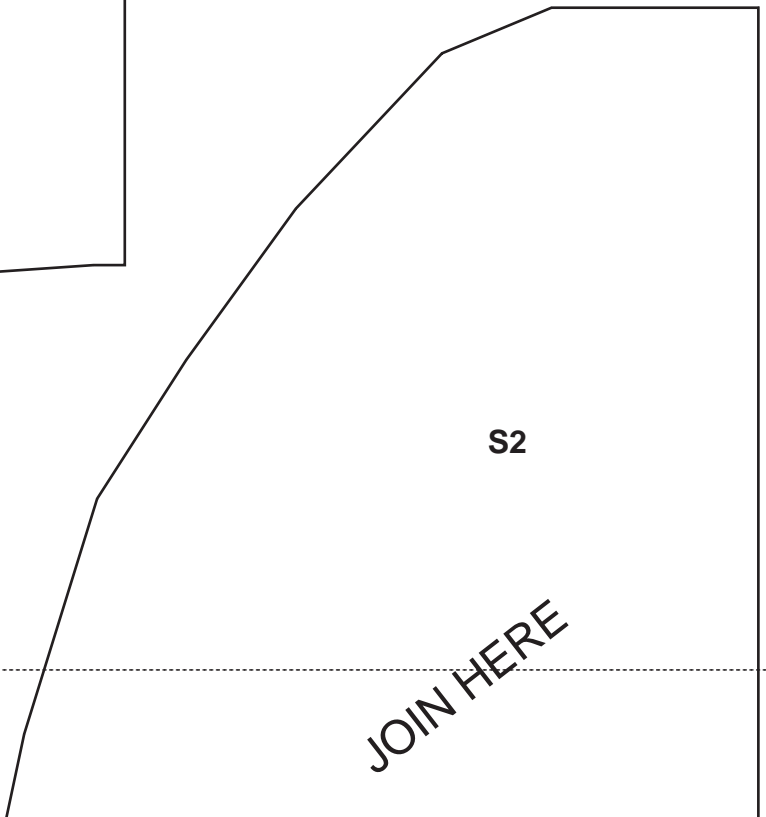


JOIN HERE

F23



S3
ELEVATOR
PLYWOOD 3MM
2X



S2

JOIN HERE

JOIN HERE



S2
FUSELAGE
ELEVATOR

F25

COWL
POLYFOAM/
DEPRON 5MM
5X

S1

HOR-STAB
POLYFOAM/
DEPRON 5MM
2

3MM ALUMINUM

JOIN HERE

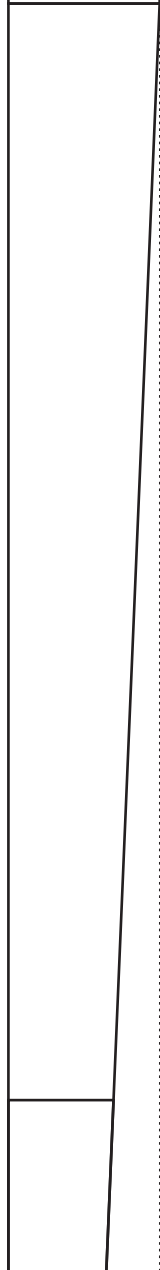
JOIN HERE

JOIN HERE

JOIN HERE

S1

JOIN HERE



JOIN HERE

S1

↑
FRONT

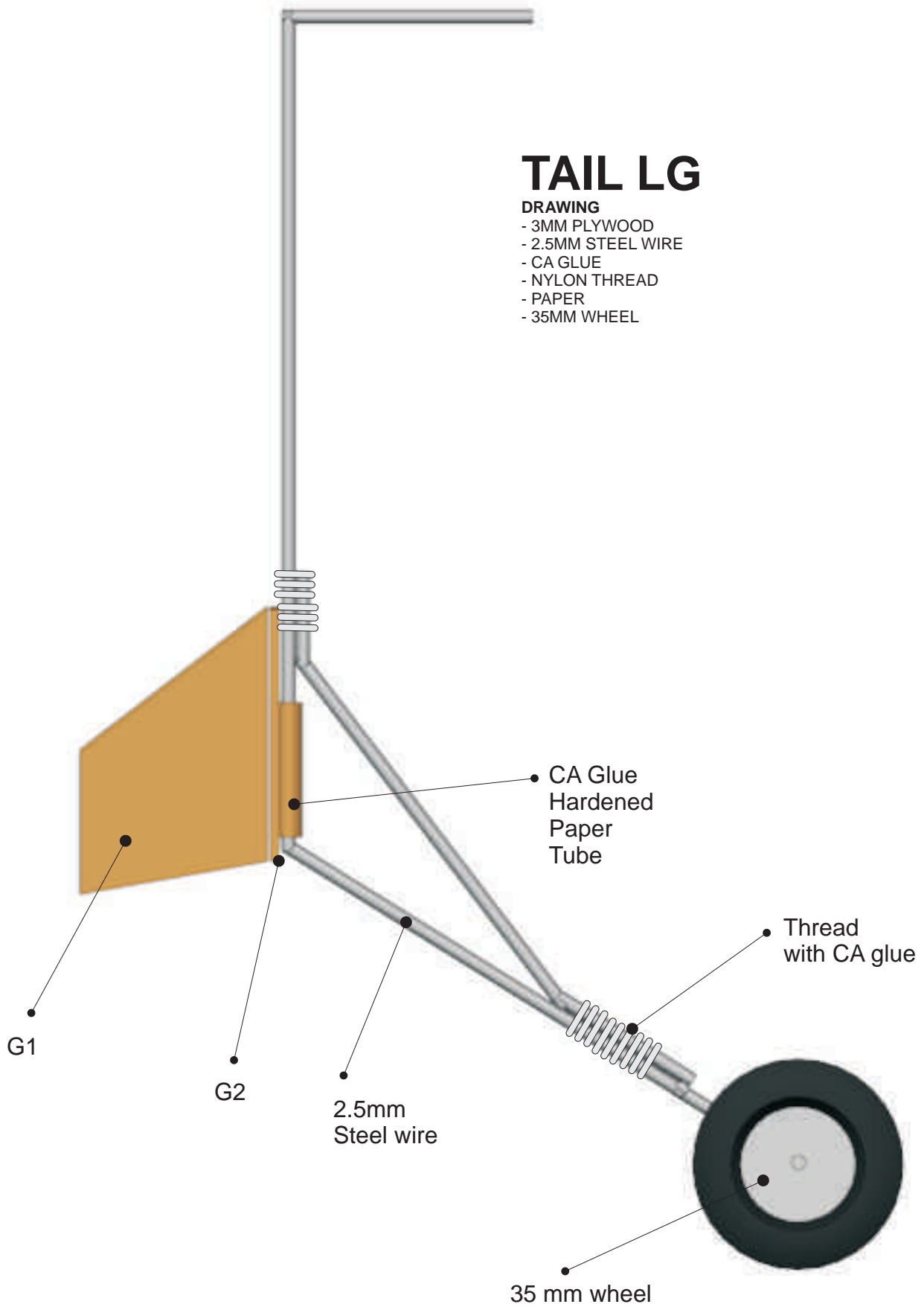
G3

MAIN LG BASE
PLYWOOD 3MM

TAIL LG

DRAWING

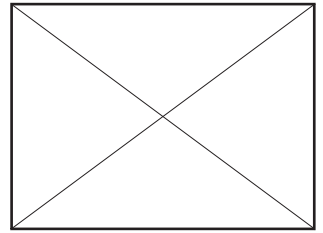
- 3MM PLYWOOD
- 2.5MM STEEL WIRE
- CA GLUE
- NYLON THREAD
- PAPER
- 35MM WHEEL



W1
WING BASE
POLYFOAM/
DEPRON 5MM

JOIN HERE

← FRONT



JOIN HERE

W1

W3

MID WING
PLYWOOD 3MM
& DEPRON
5MM

W7

MID WING
POLYFOAM/
DEPRON 5MM

JOIN HERE

IN HERE

W7

C1

CABIN GLASS
MICA PLASTIC 0.3MM

W14

WING SPAR
PLYWOOD
3MM
2X

JOIN HERE

JOIN HERE

JOIN HERE

C1

JOIN HERE

W14

C2

CABIN GLASS
MICA PLASTIC 0.3MM
2X

W15

JOIN HERE

JOIN HERE

JOIN HERE

C2

JOIN HERE

W15
WING SPAR
PLYWOOD
3MM
2X

C3

CABIN GLASS
MICA PLASTIC 0.3MM
2X

JOIN HERE

JOIN HERE

JOIN HERE

JOIN HERE

C3

W15

F16
○ WING RIB
PLYWOOD 3MM
4X

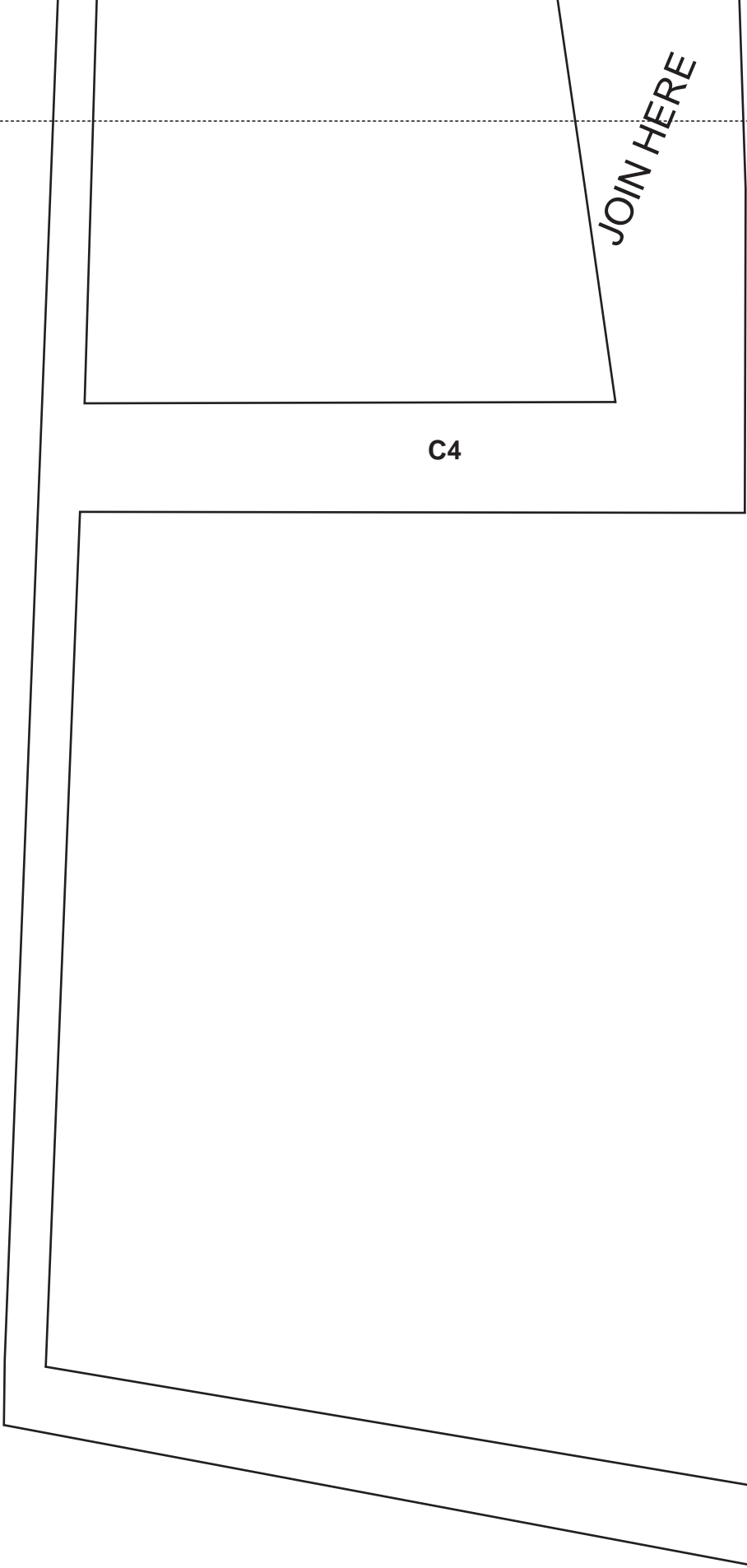
C4

WINDOW FRAME
VINYL STICKERS /
PAINTED
MASKING TAPES

JOIN HERE

JOIN HERE

C4



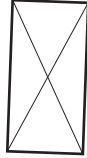
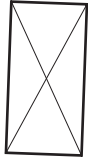
W9

WING RIB
PLYWOOD 3MM
2X



W11

WING RIB
PLYWOOD 3MM
2X



W8

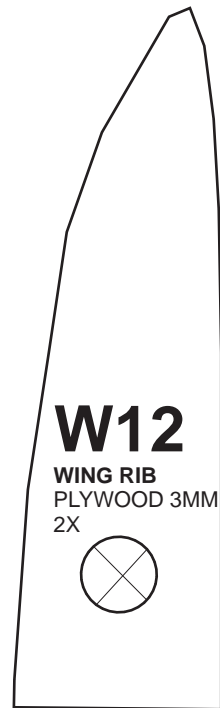
JOIN HERE

JOIN HERE

JOIN HERE

W8

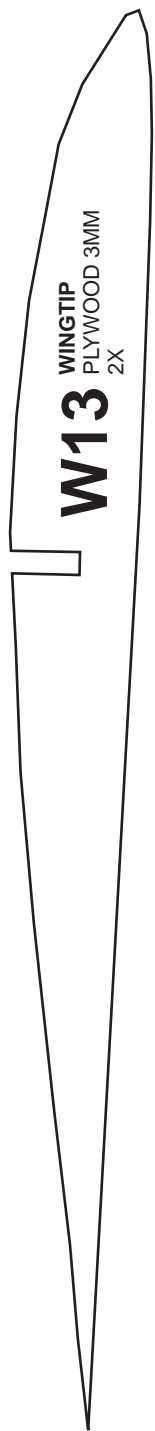
JOIN HERE



W10

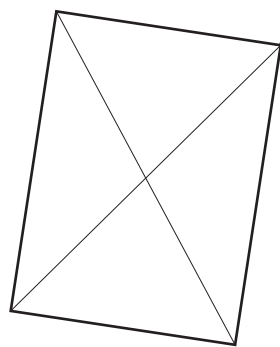
JOIN HERE

JOIN HERE



W8

JOIN HER



JOIN HERE

JOIN HERE

JOIN HERE

JOIN HERE

W8

W10

JOIN HERE

JOIN HERE

JOIN HERE

W8

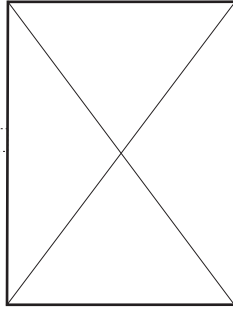
WING BASE
POLYFOAM/
DEPRON 5MM
2X MIRRORED

JOIN HER

JOIN HERE

JOIN HERE

JOIN HERE



W8

W10

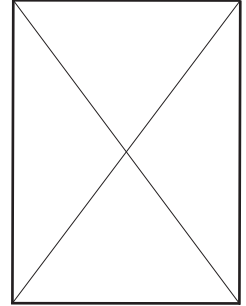
WING SPAR
POLYFOAM/
DEPRON 5MM
& PLYWOOD
3MM
2X MIRRORED

JOIN HERE

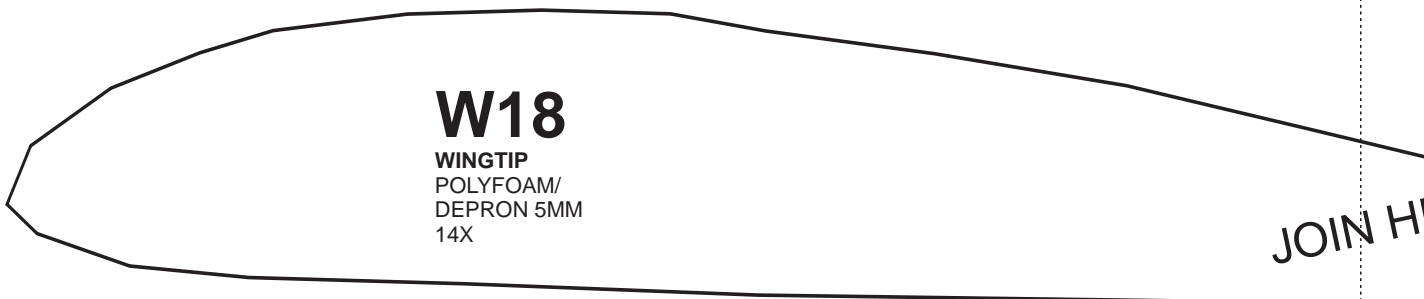
JOIN HERE

JOIN HERE

W8



JOIN HERE



W18

WINGTIP
POLYFOAM/
DEPRON 5MM
14X

JOIN HERE

JOIN HERE

W8

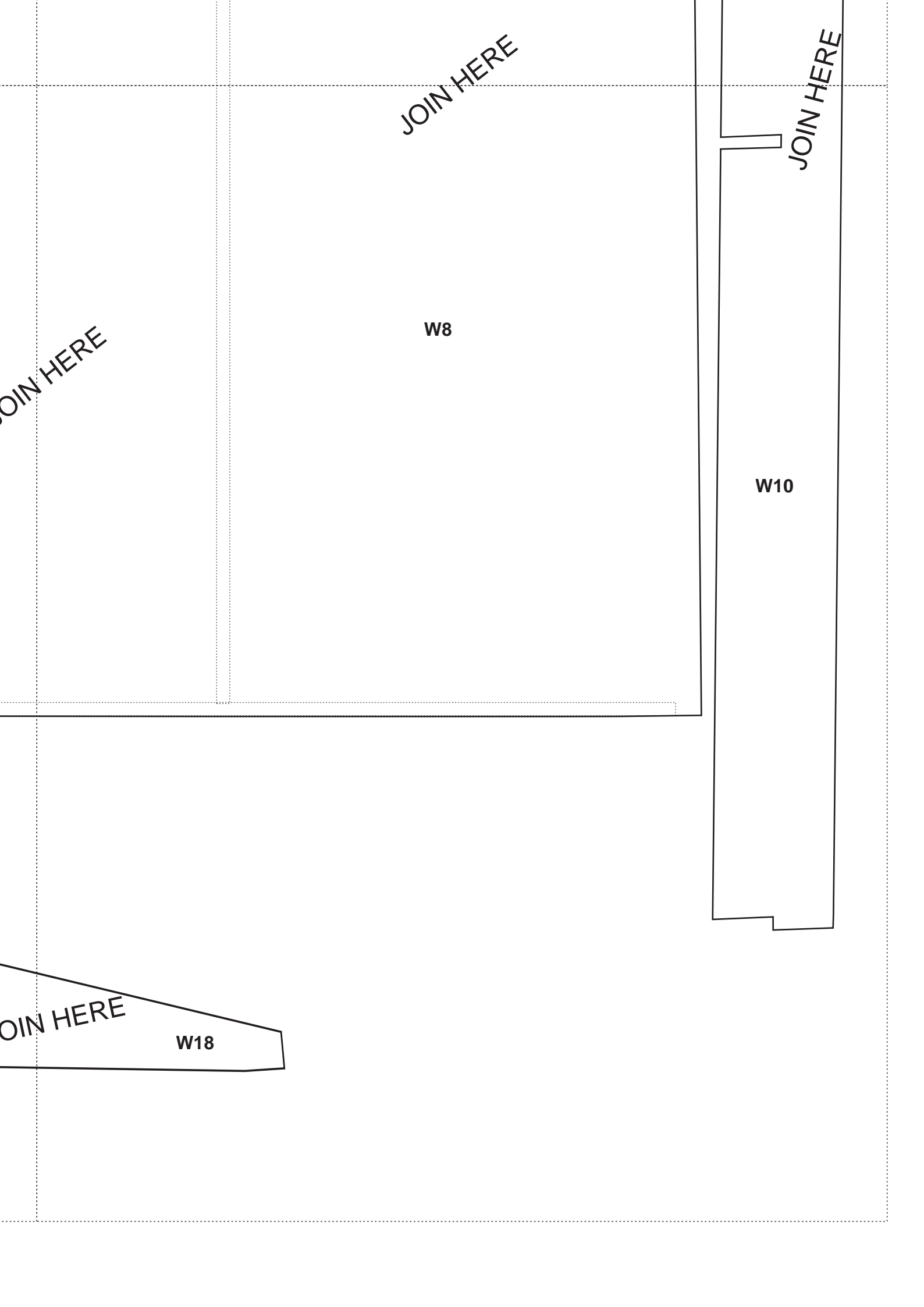
JOIN HERE

W10

JOIN HERE

JOIN HERE

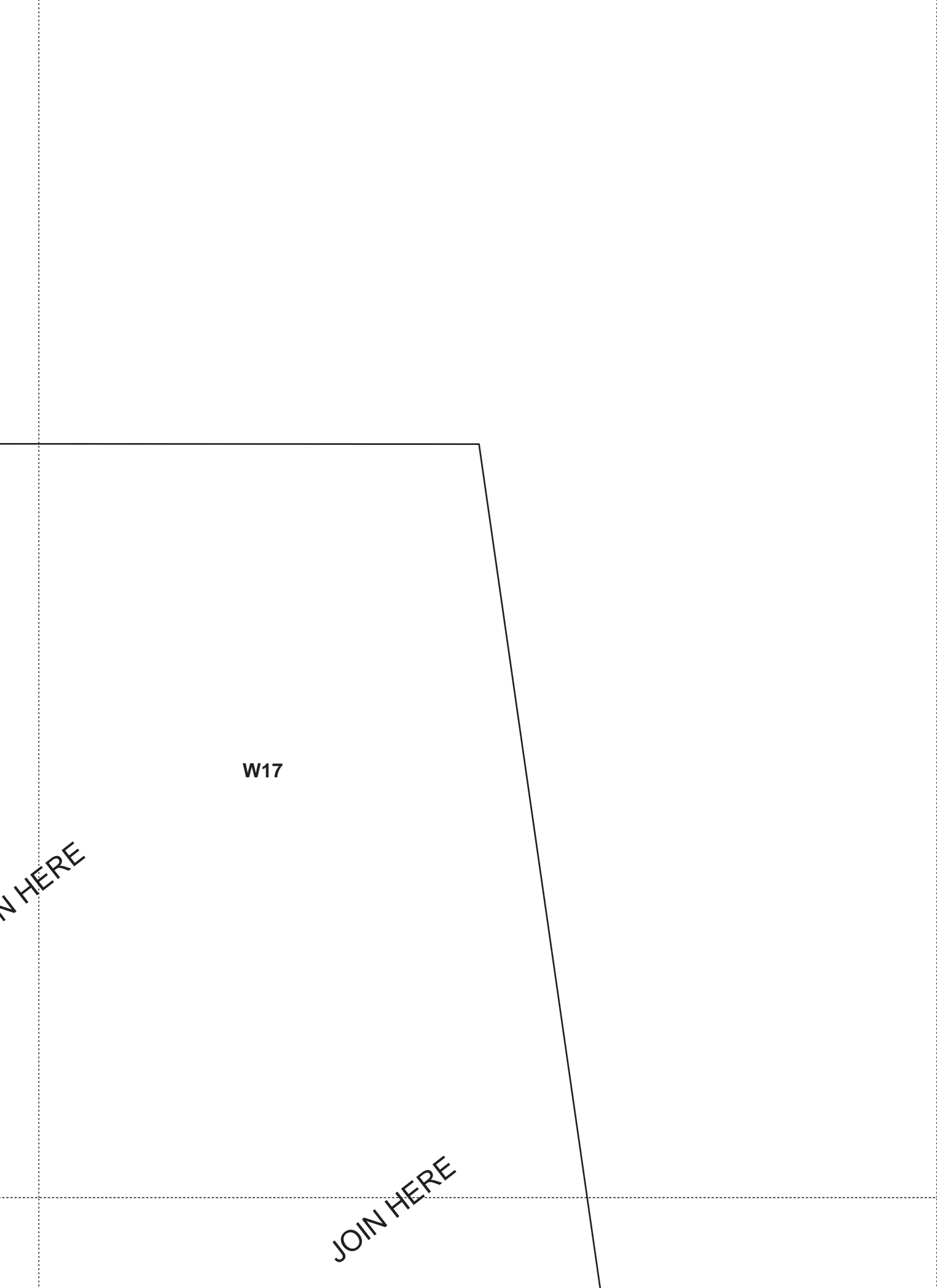
W18



W17

JOIN HERE

JOIN HERE



W17

JOIN HERE

JOIN HERE

JOIN HERE

JOIN HERE

W17

WING
POLYFOAM/ DEPRON 5MM
2X MIRRORED

JOIN HERE

JOIN HERE

JOIN HERE

W17

JOIN HERE

JOIN HERE

W17

JOIN HERE

JOIN HERE

JOIN HERE

JOIN HERE

W17

JOIN HERE

JOIN HERE

JOIN HERE

W17

JOIN HERE

JOIN HERE

W17



S3

VER STAB
POLYFOAM/ DEPRON 5MM
2X MIRRORED

JOIN HERE

JOIN HERE

S3

JOIN HERE

S4

JOIN HERE

JOIN HERE

S3

S4

JOIN HERE

S4

VER STAB
PLYWOOD 3MM



S5

RUDDER
POLYFOAM/ DEPRON 5MM
2X MIRRORED

JOIN HERE

JOIN HERE

S5