



Model : 05/2019



# CESSNA 172

## 1200mm

### Specs :

1. Wingspan 120 cm / 47.2 inches
2. Flying weight : 800 gram / 28.2 oz
3. Wing loading : 39.2 g.dm<sup>2</sup> / 12.9 oz/sq.ft
4. Wing cube loading : 8.7
5. Wing Area 20.4 dm<sup>2</sup> - 316 sq.in

### Electronics

- Turnigy 2826 1000kv motor (1000-1400kv)
- ESC 30A
- Battery Lipo 3S 2200mah / Li-ion 3S 3300 mah
- 4 plastic gear 9 gram servos
- Propeller : 9x4x3 / 10x5

### Materials :

1. 5mm Depron/ Polyfoam
2. 3mm Plywood
3. 2.5 mm bicycle wheel spoke
4. 0.3 mm mica plastic
5. 10 pcs ice cream sticks
6. White packing tape



### Build Instructions :

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

**F6**  
LEFT COWL  
POLYFOAM 5 mm

**F3**  
RIGHT Fuselage Wall  
POLYFOAM 5 mm

**F5**  
LEFT COWL  
POLYFOAM 5 mm

**F7**  
RIGHT COWL  
POLYFOAM 5 mm

**F8**  
RIGHT COWL  
POLYFOAM 5 mm

JOIN HERE

JOIN HERE

F3



JOIN HERE

JOIN HERE

**F9**  
**FUSELAGE BASE**  
POLYFOAM 5 mm

**F2**

**LEFT Fuselage Wall**

POLYFOAM 5 mm

JOIN HERE

JOIN HERE

F2



**F10**  
FUSELAGE BASE  
POLYFOAM 5 mm

JOIN HERE

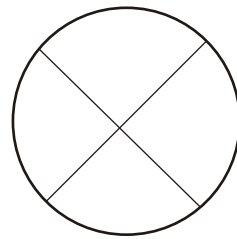
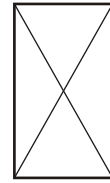
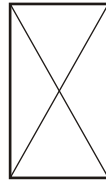
JOIN HERE

F2

**F13**

**SERVO PLATFORM**

POLYFOAM 5 mm



**F20**

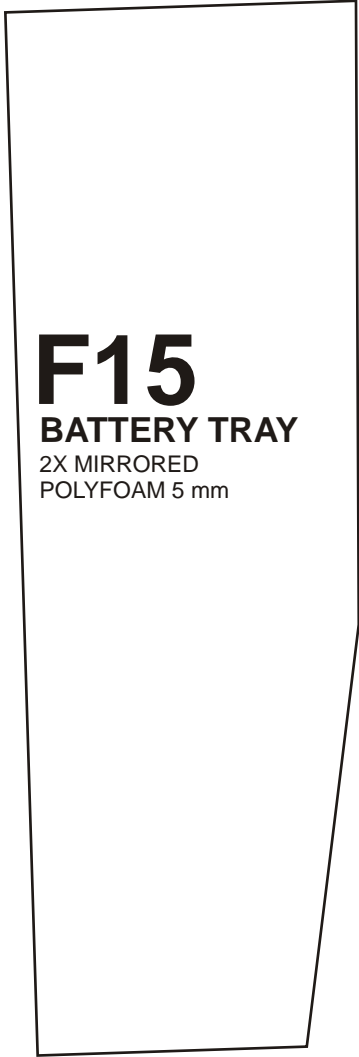
**COWL**

POLYFOAM 5 mm

2X



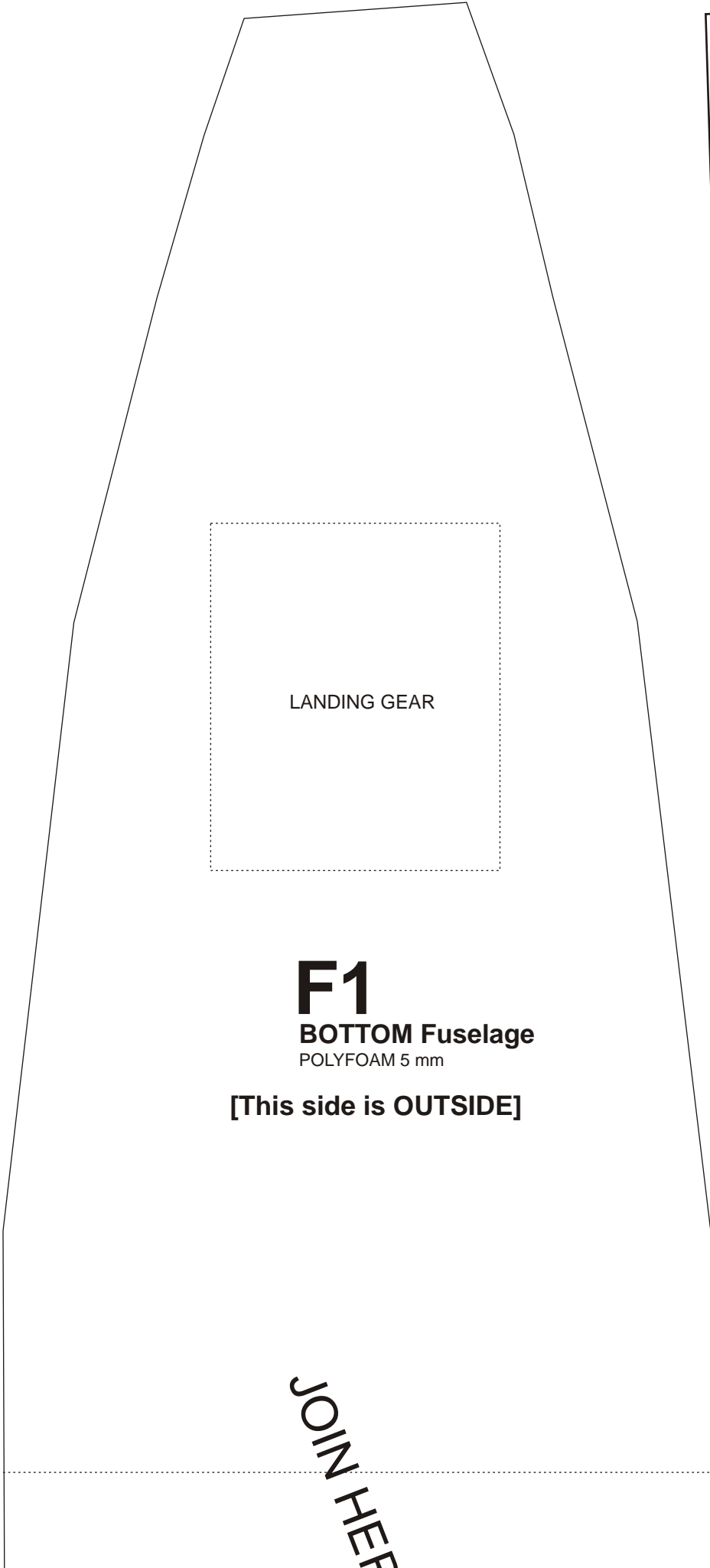
LANDING GEAR



**F15**  
**BATTERY TRAY**  
2X MIRRORED  
POLYFOAM 5 mm



**G2**  
**LG BASE**  
PLYWOOD 3 mm



**F1**  
**BOTTOM Fuselage**  
POLYFOAM 5 mm  
**[This side is OUTSIDE]**

JOIN HERE



JOIN HERE

LANDING GEAR

**F1**

JOIN HERE

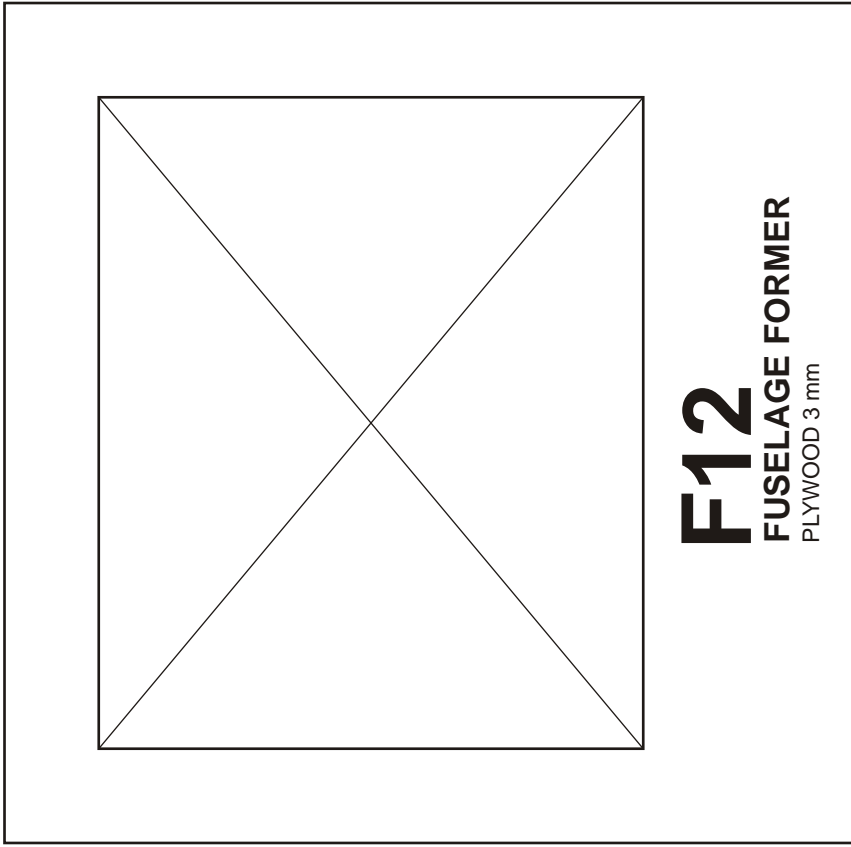
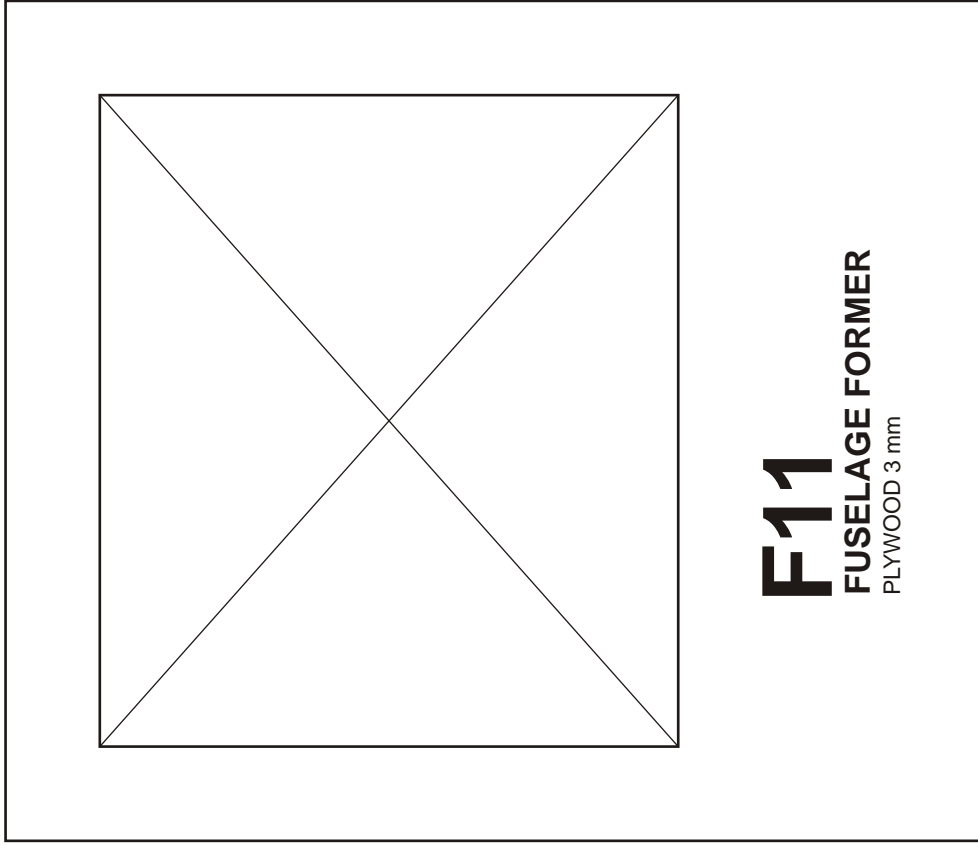
JOIN HERE

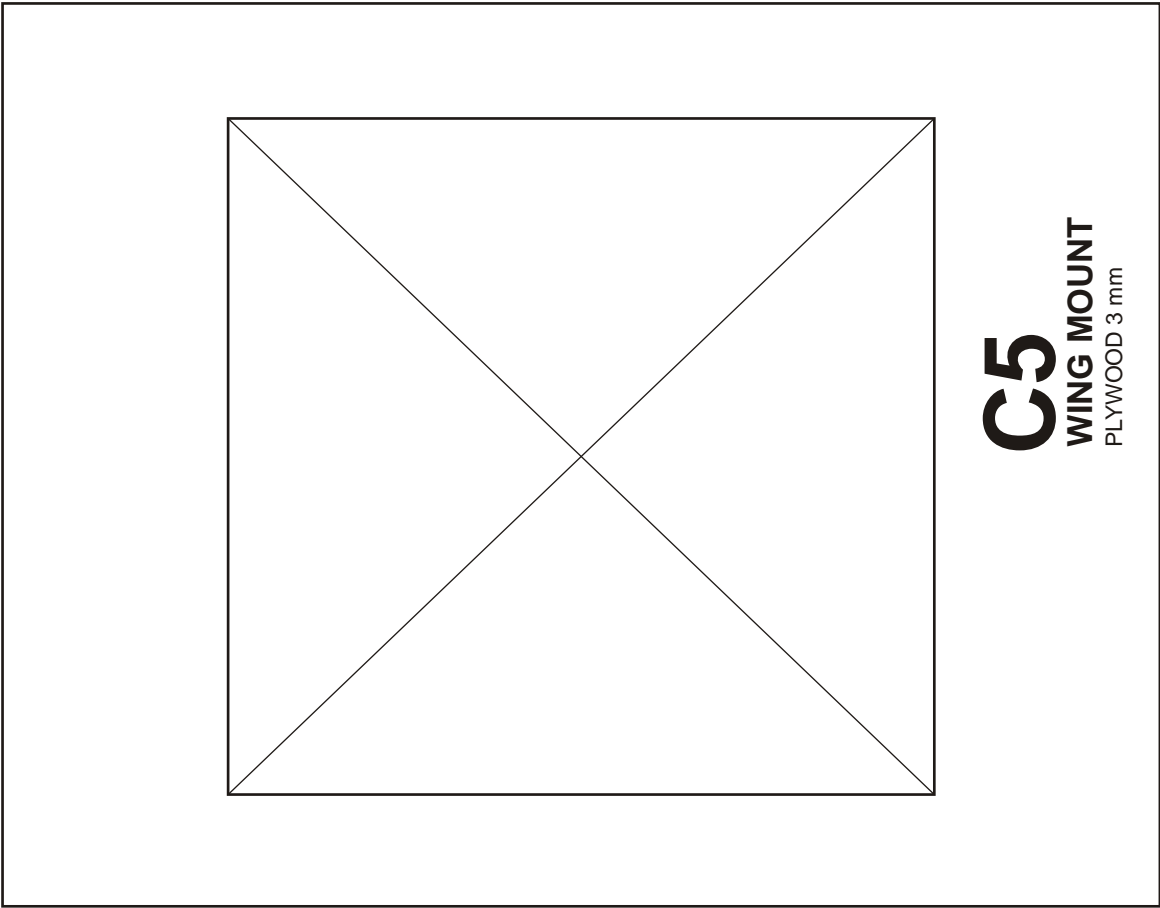
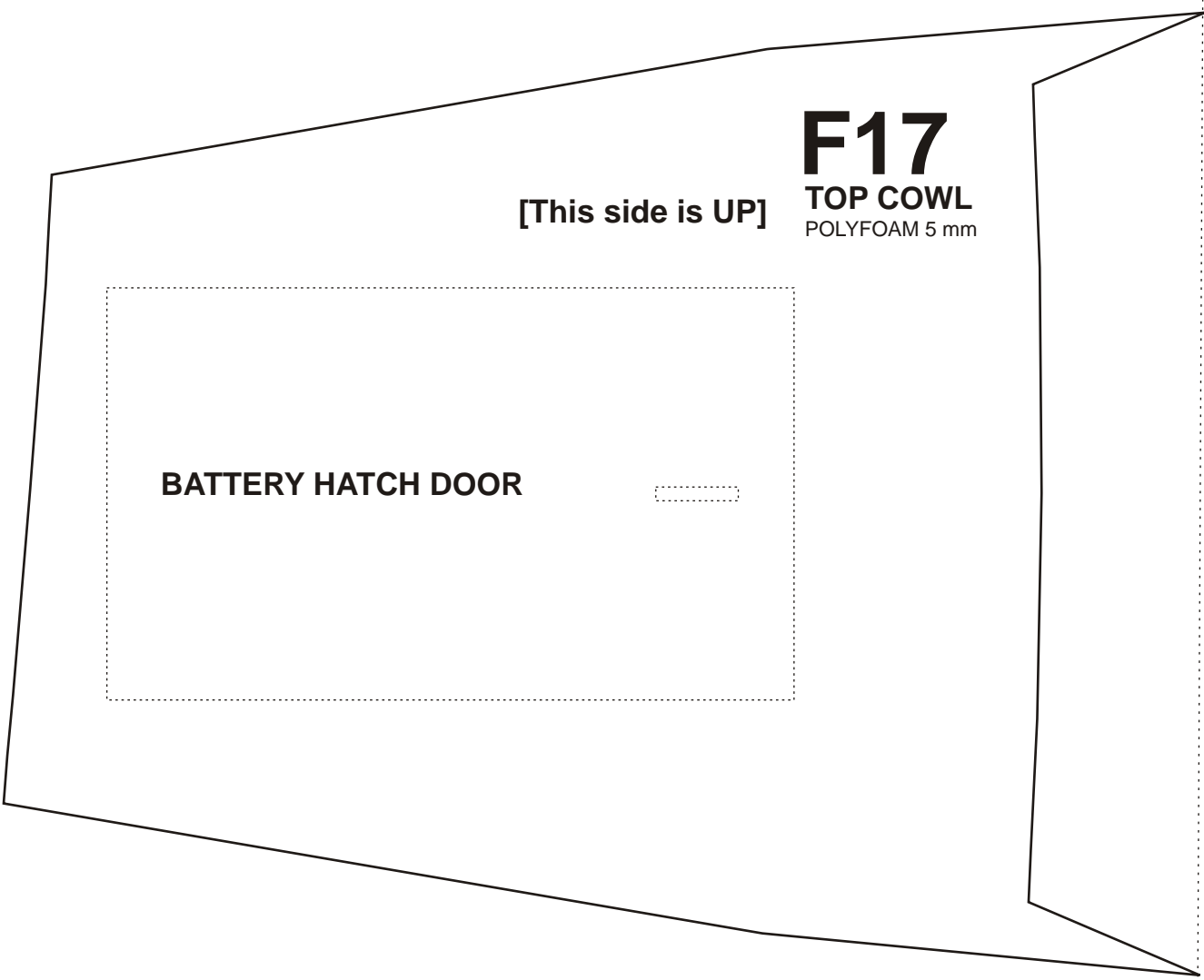
F1

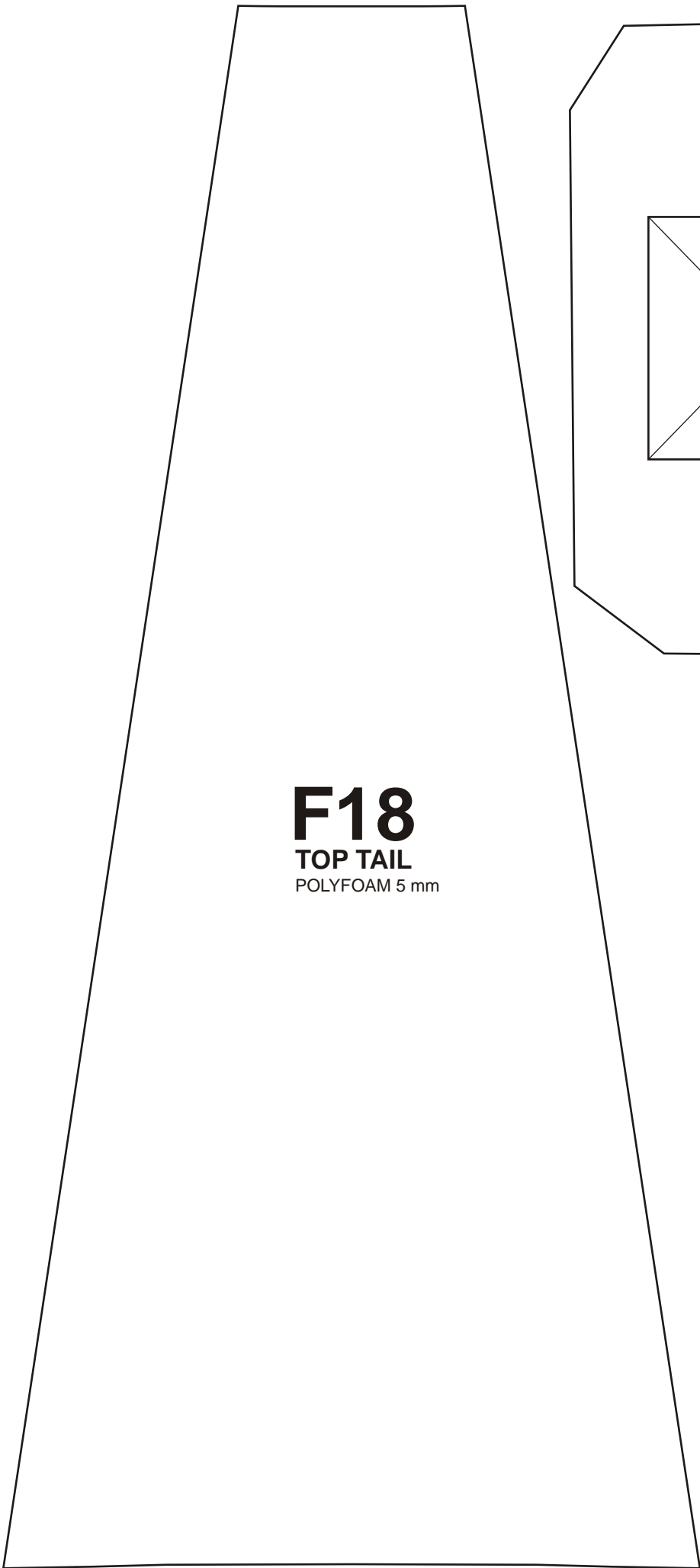
**F16**  
FIREWALL  
2X POLYFOAM 5 mm

**F14**  
BATTERY TRAY  
POLYFOAM 5 mm

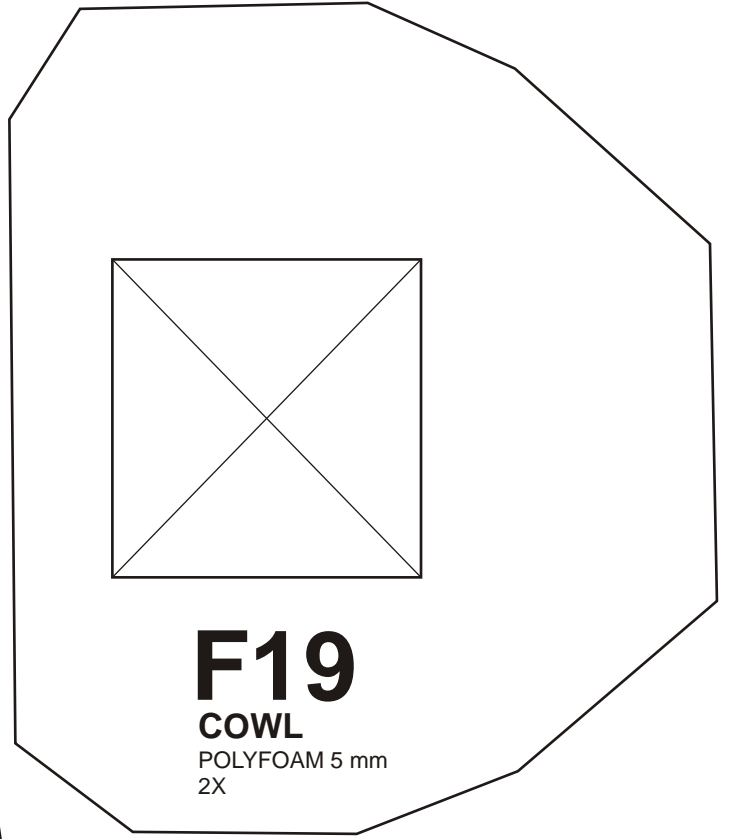
**[This side UP]**







**F18**  
**TOP TAIL**  
POLYFOAM 5 mm



**F19**  
**COWL**  
POLYFOAM 5 mm  
2X



**S4**  
ELEVATOR  
POLYFOAM 5 mm  
2X

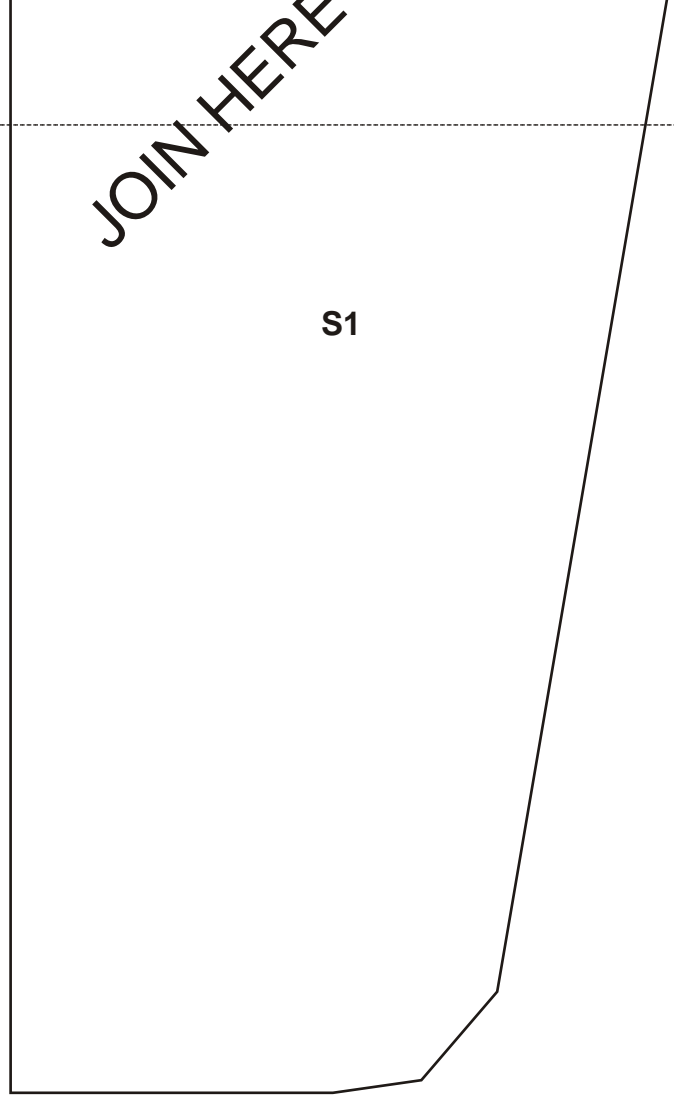
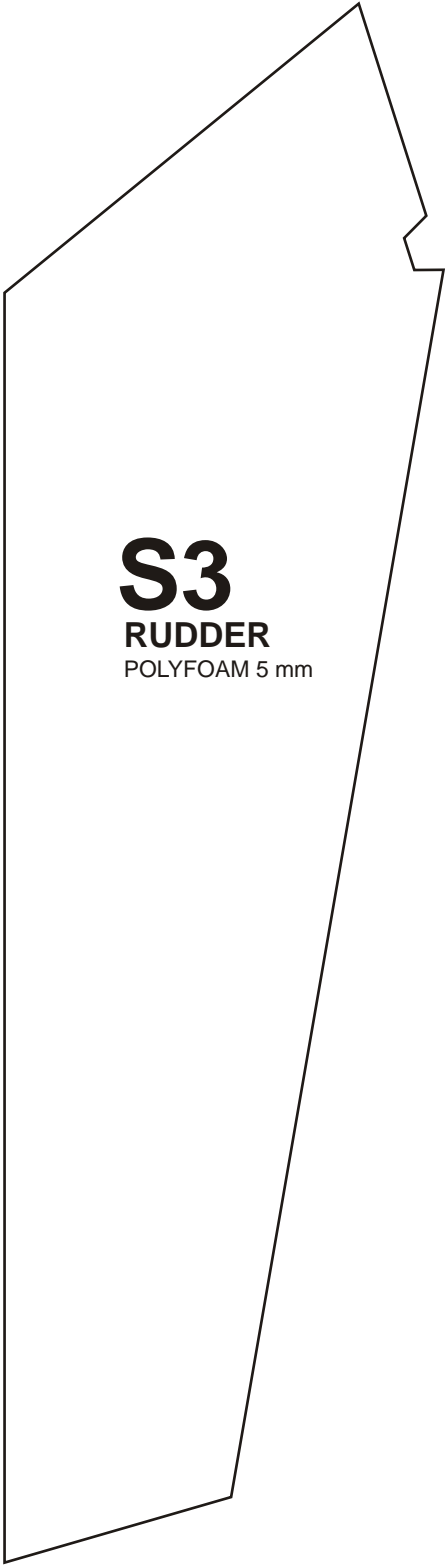
**S1**  
HOR-STAB  
POLYFOAM 5 mm

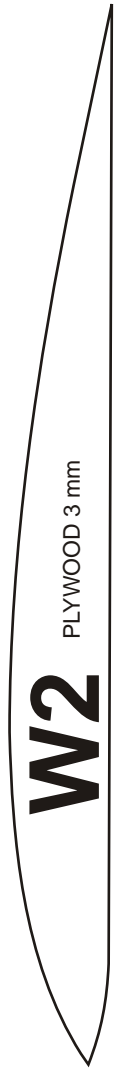
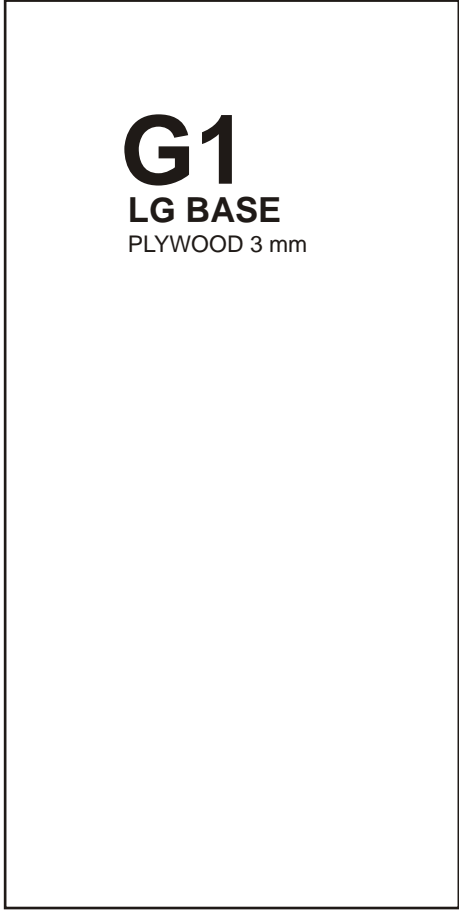
JOIN HERE

JOIN HERE

S1

**S3**  
RUDDER  
POLYFOAM 5 mm







JOIN HERE

S2

**C4**  
WINDOW  
MICA 0.3 mm

PLYWOOD 3 mm

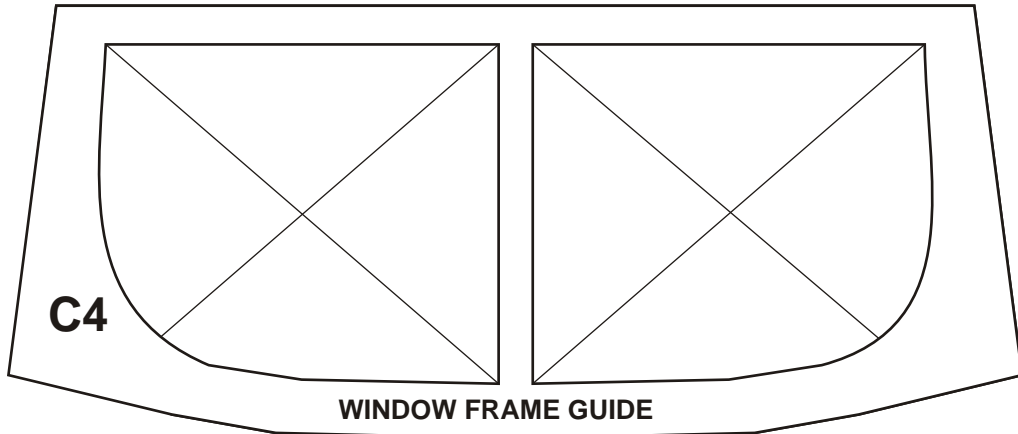
**W2**

PLYWOOD 3 mm

**W2**

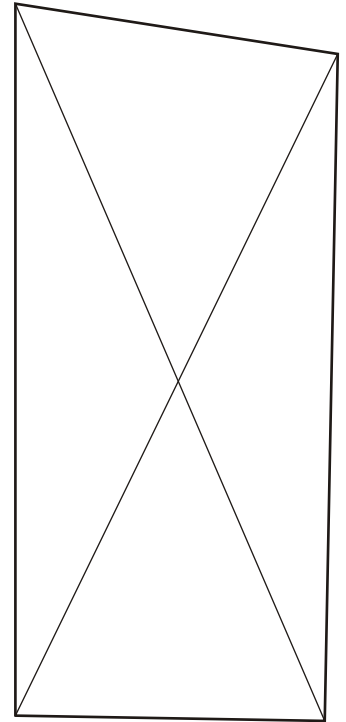
**C4**

WINDOW FRAME GUIDE

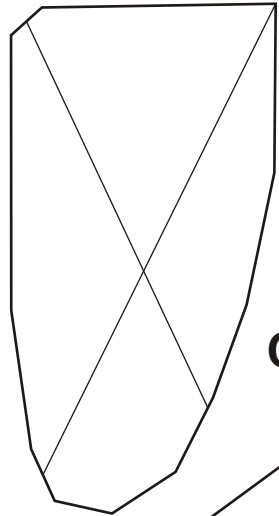


**C1**  
**WINDOW**  
MICA 0.3 mm

**C1**  
**WINDOW**  
MICA 0.3 mm



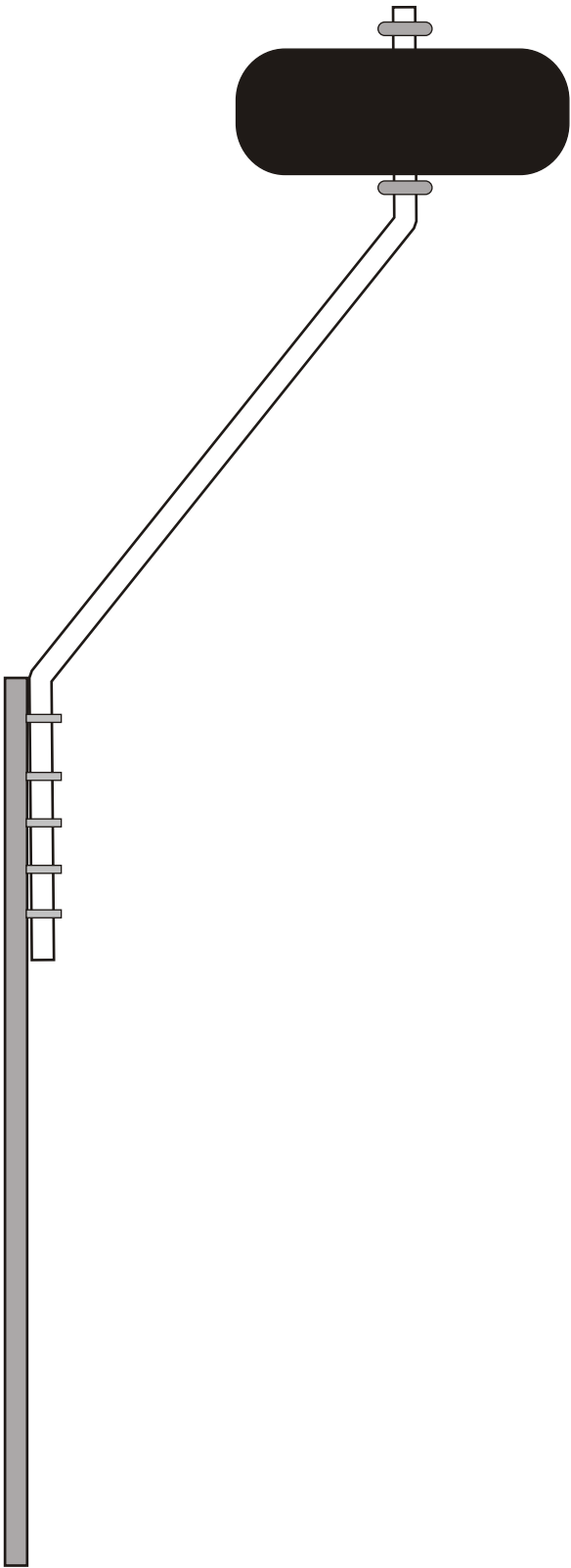
**WINDOW FRAME GUIDE**

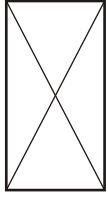


**C1**

**C2**  
**WINDOW**  
MICA 0.3 mm

# LANDING GEAR





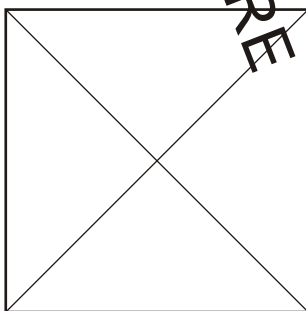
**W1**  
**BOTTOM WING**  
2X MIRRORED  
POLYFOAM 5 mm

← FRONT

SPAR

JOIN HERE

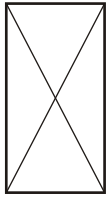
JOIN HERE



W1

JOIN HERE

JOIN HERE



**W3**

**SPAR**  
POLYFOAM 5 mm

JOIN H

JOIN HERE

W3

JOIN HER

HERE

W3

○	○	○	○
<b>W4</b>	<b>W4</b>	<b>W4</b>	<b>W4</b>

W5

JOIN HERE

**W5**  
**TOP WING**  
POLYFOAM 5 mm

← FRONT

JOIN HERE



JOIN HERE



W5



JOIN HERE



**W7**  
**SIDE SPAR**  
POLYFOAM 5 mm  
2X

**W10**  
**BOTTOM SIDE WING**  
2X MIRRORED  
POLYFOAM 5 mm

JOIN HERE

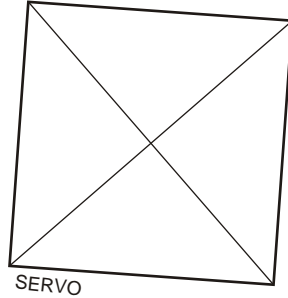
FRONT 

W7

W7

JOIN HERE

W10



**W8**

**TOP SIDE WING**

2X MIRRORED  
POLYFOAM 5 mm

← FRONT

JOIN HERE

JOIN HERE

**W9**

**WING TIP**

POLYFOAM 5 mm  
8X

WINGTIP SHAPE

**P1**

CARD

**P2**

CARD