



Model : 37/2022



# Dassault Rafale B

## 650mm

### Specs :

1. Wingspan 650 mm / 25.6 inches
2. Flying weight : 655 grams/ 23.01 oz
3. Wing loading : 29.7 gram/dm<sup>2</sup> - 9.7 oz/sq.ft.
4. Wing cube loading : 6.3 (Trainer = 6 to 7)
5. Wing Area : 22.09 dm<sup>2</sup> / 342 sq.in.
6. CG : 5 cm from wing break point

### Electronics (Pusher)

- 2826 2200kv - Turnigy (any 28/22 motor or drone race motor)
- 40A ESC
- Battery Lipo 3S 2200mah
- 2 x 9 gram servos (micro servo)

### Materials :

1. 5mm + 3mm Foamboard/ Depron/ Polyfoam
2. hot glue, UHU glue
3. packing tapes

### Build Instructions :

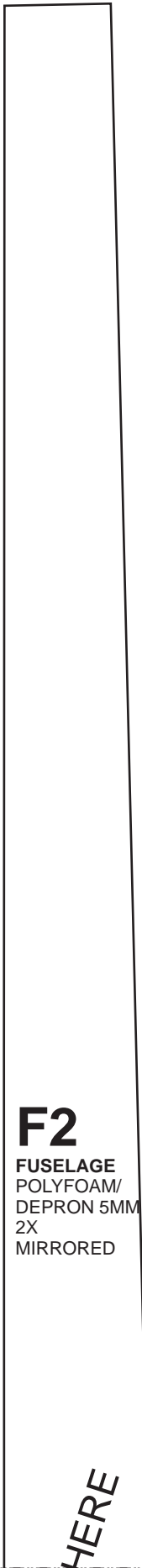
1. [paper-replika.com](http://paper-replika.com)
2. youtube channel : Julius Perdana

**F1**  
FUSELAGE  
POLYFOAM/  
DEPRON 5MM

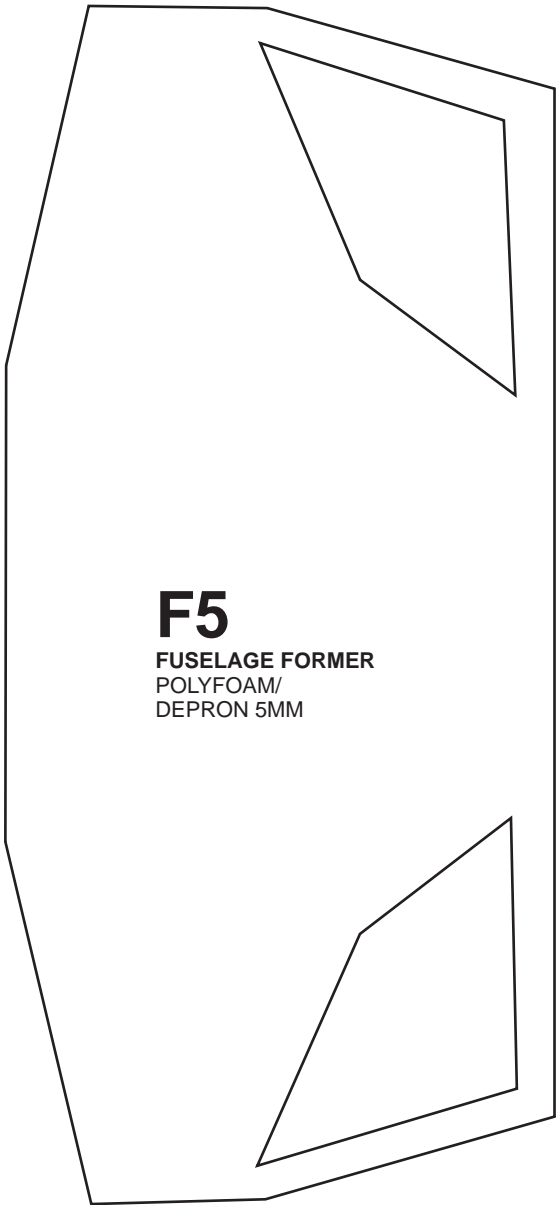
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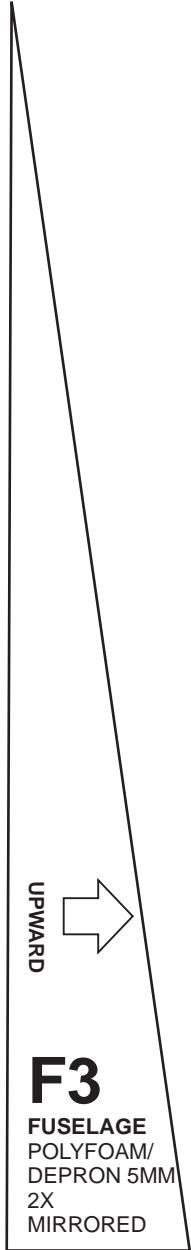
F1



**F2**  
FUSELAGE  
POLYFOAM/  
DEPRON 5MM  
2X  
MIRRORED

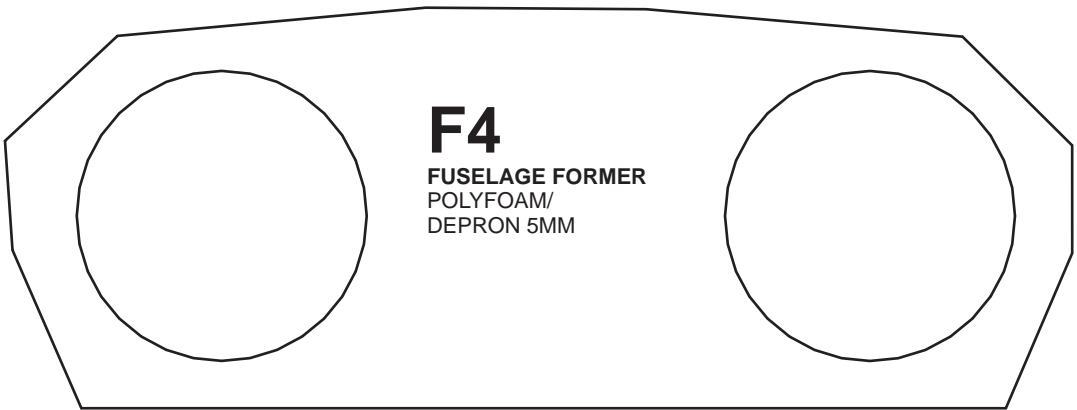


**F5**  
FUSELAGE FORMER  
POLYFOAM/  
DEPRON 5MM



UPWARD

**F3**  
FUSELAGE  
POLYFOAM/  
DEPRON 5MM  
2X  
MIRRORED



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

JOIN HERE

JOIN HERE

F2

FRONT



**F7**

FUSELAGE  
FORMER  
POLYFOAM/  
DEPRON 5MM

**W3**

FUSELAGE  
FORMER  
POLYFOAM/  
DEPRON 5MM  
2X

W1

JOIN HERE

**W2** WING  
POLYFOAM/  
DEPRON 5MM  
2X MIRRORED

**F6**  
FUSELAGE FORMER  
POLYFOAM/  
DEPRON 5MM

JOIN HERE

# W1

WING  
POLYFOAM/  
DEPRON 5MM  
2X MIRRORED

JOIN HERE

JOIN HERE

W1

**W4**

WING  
POLYFOAM/  
DEPRON 5MM  
2X MIRRORED

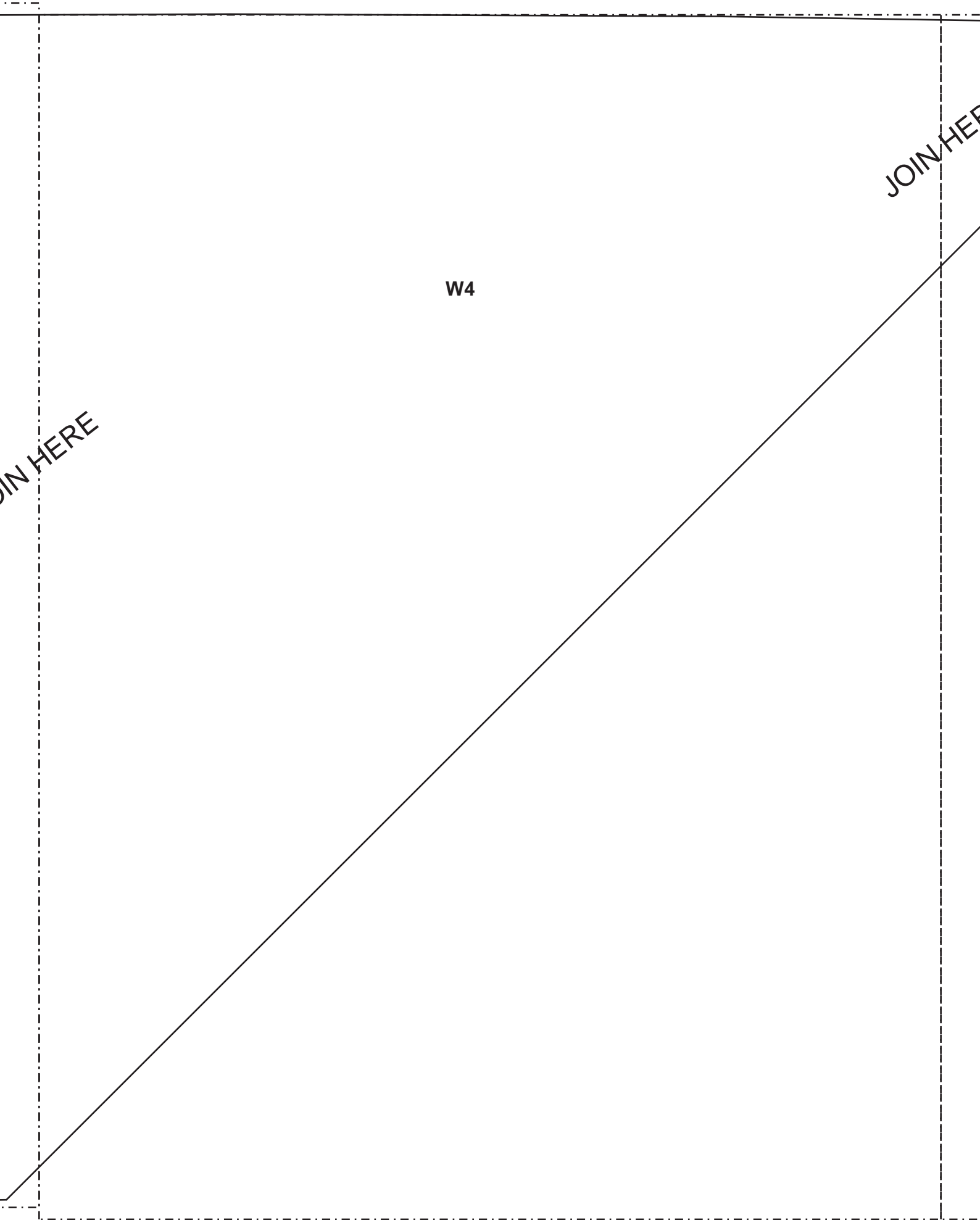
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JOIN HERE

W4

JOIN HERE



JOIN HERE

W4

**F8**

FUSELAGE  
POLYFOAM/  
DEPRON 5MM

JOIN HERE

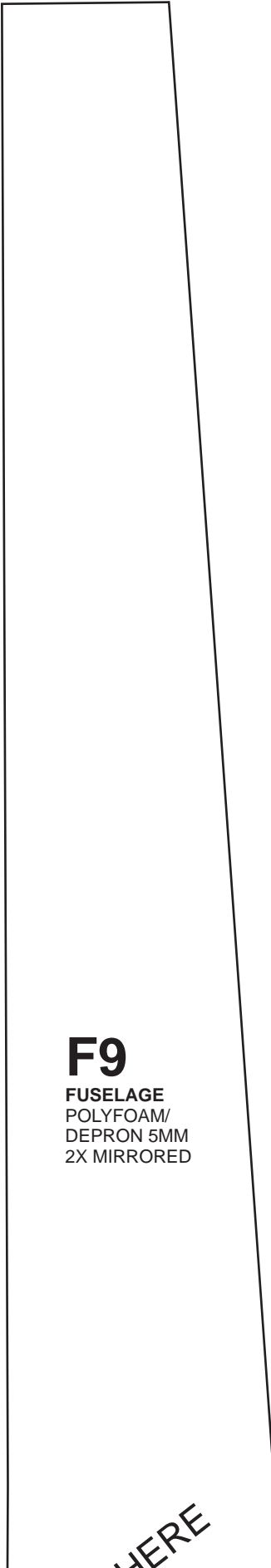
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F8



# F10

FUSELAGE  
POLYFOAM/  
DEPRON 5MM



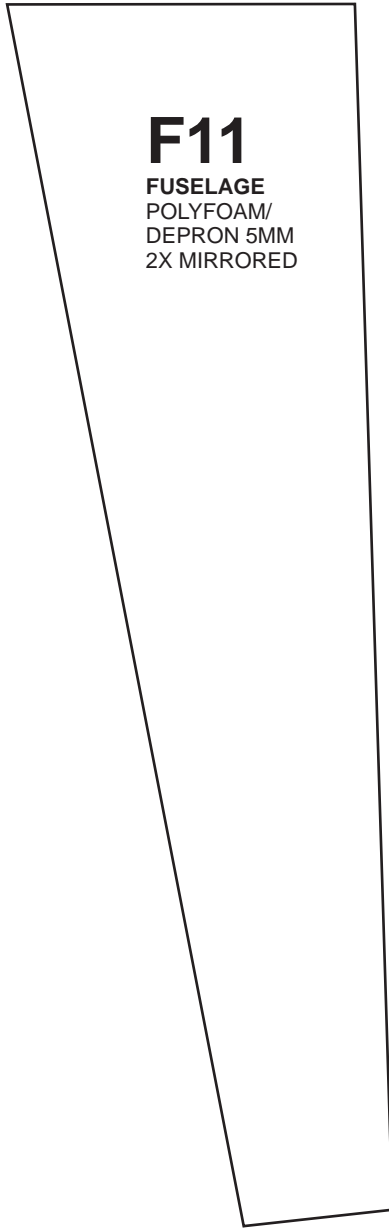
**F9**

FUSELAGE  
POLYFOAM/  
DEPRON 5MM  
2X MIRRORED



**F12**

FUSELAGE  
POLYFOAM/  
DEPRON 5MM  
2X MIRRORED



**F11**

FUSELAGE  
POLYFOAM/  
DEPRON 5MM  
2X MIRRORED

JOIN HERE

JOIN HERE

JOIN HERE

JOIN HERE

F12

**F15**

FUSELAGE  
FORMER  
POLYFOAM/  
DEPRON 5MM

F9

**F16**

FUSELAGE  
POLYFOAM/  
DEPRON 5MM

UPWARD



UPWARD



F14

**F13**

FUSELAGE  
POLYFOAM/  
DEPRON 5MM  
2X MIRRORED

JOIN HERE

JOIN HERE

JOIN HERE

JOIN HERE

JOIN HERE

JOIN HERE

F16

F13

**F14**

FUSELAGE  
POLYFOAM/  
DEPRON 5MM  
2X MIRRORED

**F18**

FUSELAGE  
POLYFOAM/  
DEPRON 5MM  
2X

**F19**

FUSELAGE  
POLYFOAM/  
DEPRON 5MM  
2X

**F17**

FUSELAGE  
POLYFOAM/  
DEPRON 5MM  
2X

JOIN HERE



JOIN HERE

**F17**

**F20**

NOSE CONE  
POLYFOAM/  
DEPRON 5MM  
15X

**S1**

VERTICAL STAB  
POLYFOAM/  
DEPRON 5MM

**S2** VERTICAL STAB  
POLYFOAM/  
DEPRON 5MM

JOIN HERE

**W5**

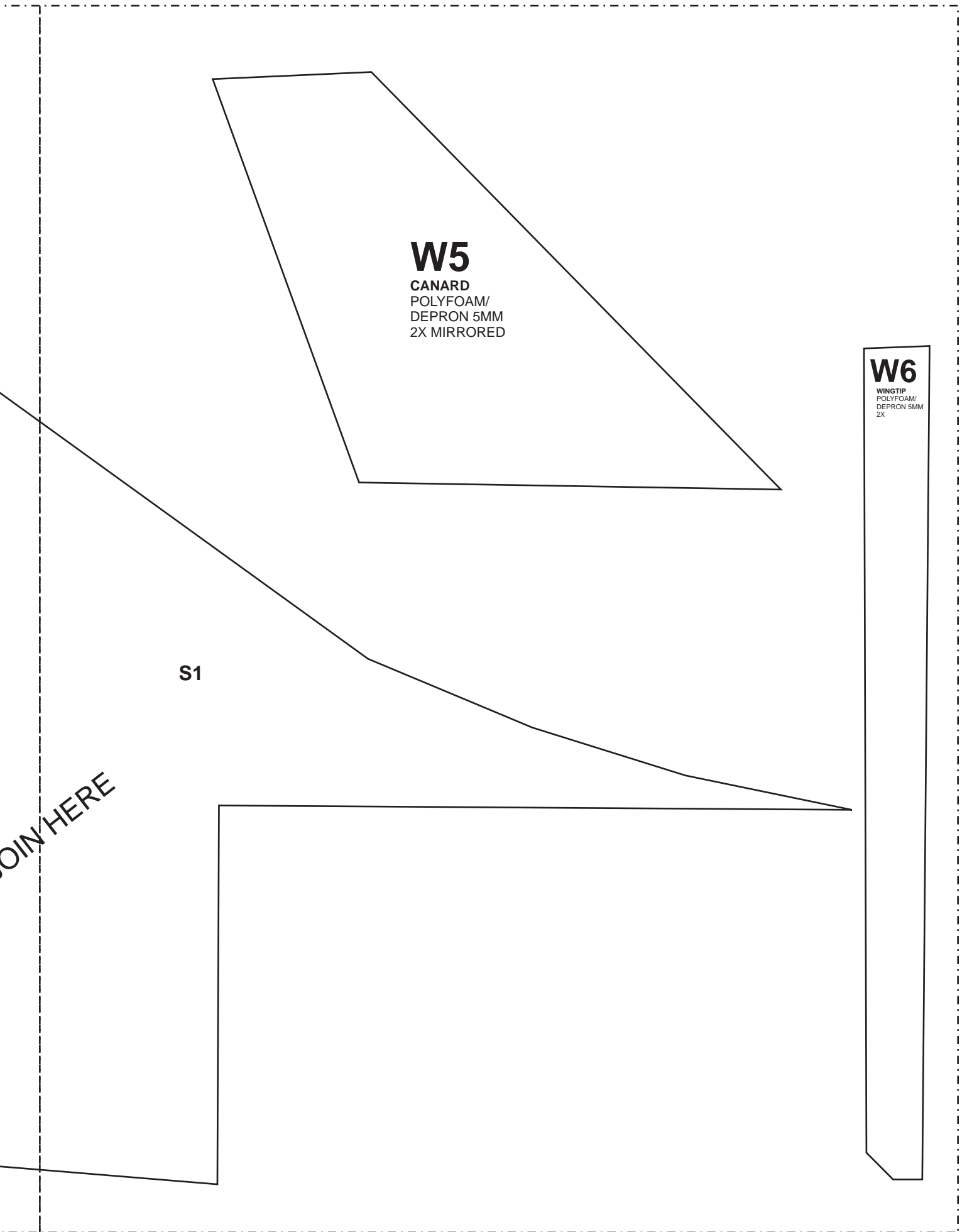
CANARD  
POLYFOAM/  
DEPRON 5MM  
2X MIRRORED

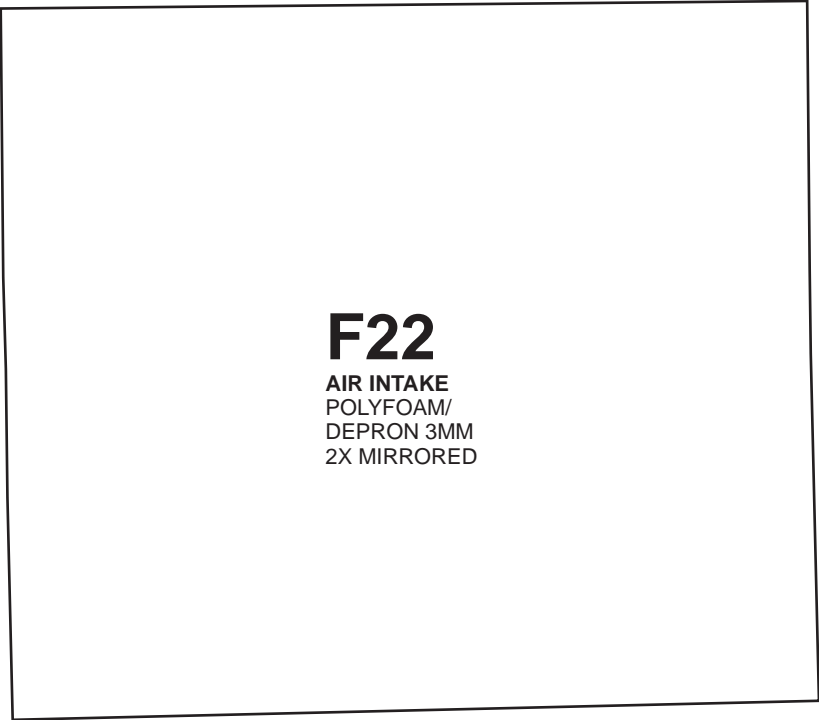
**W6**

WING TIP  
POLYFOAM/  
DEPRON 5MM  
2X

**S1**

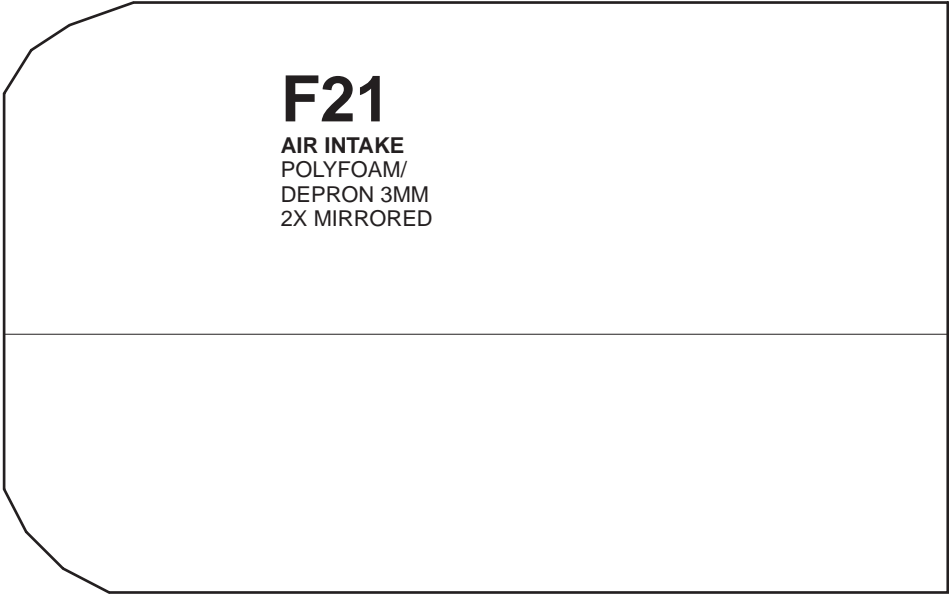
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**F22**

AIR INTAKE  
POLYFOAM/  
DEPRON 3MM  
2X MIRRORED



**F21**

AIR INTAKE  
POLYFOAM/  
DEPRON 3MM  
2X MIRRORED

