FT Mini Commuter

Designed By: Ben Harber
Drawing By: Dan Sponholz
Version: 1.0
Date: 2019.06.30

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GENERAL SPECIFICATIONS:

LENGTH:	23.00 in | 584 mm
CG:	1.00 in | 25.4 mm
WINGSPAN:	30.00 in | 762 mm
WING AREA:	142.0 in^2 | 9.2 dm^2
DRY WEIGHT:	8.3 oz. | 234 g
ALL UP WEIGHT:	10.0 oz. | 284 g
WING LOADING:	10.1 oz/ft^2 | 31 g/dm^2
WCL:	10.2
THROWS:	12°
EXPO:	30%
CHANNELS:	3-4 [THR | AIL | ELE | RUD]

RECOMMENDED ELECTRONICS:

MOTOR:	1806 2280 kv
PROPELLER:	6x3
ESC:	20a min.
SERVOS:	3-4X 5 g
BATTERY:	650-950 mAh 2S

BUILD SKILL LEVEL:

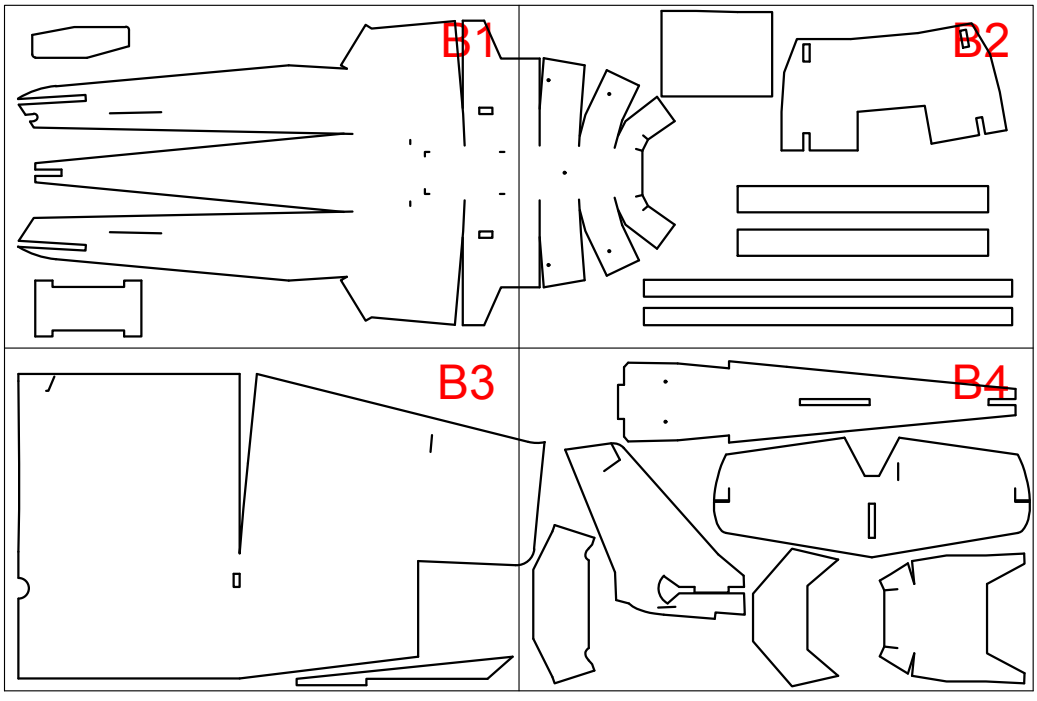


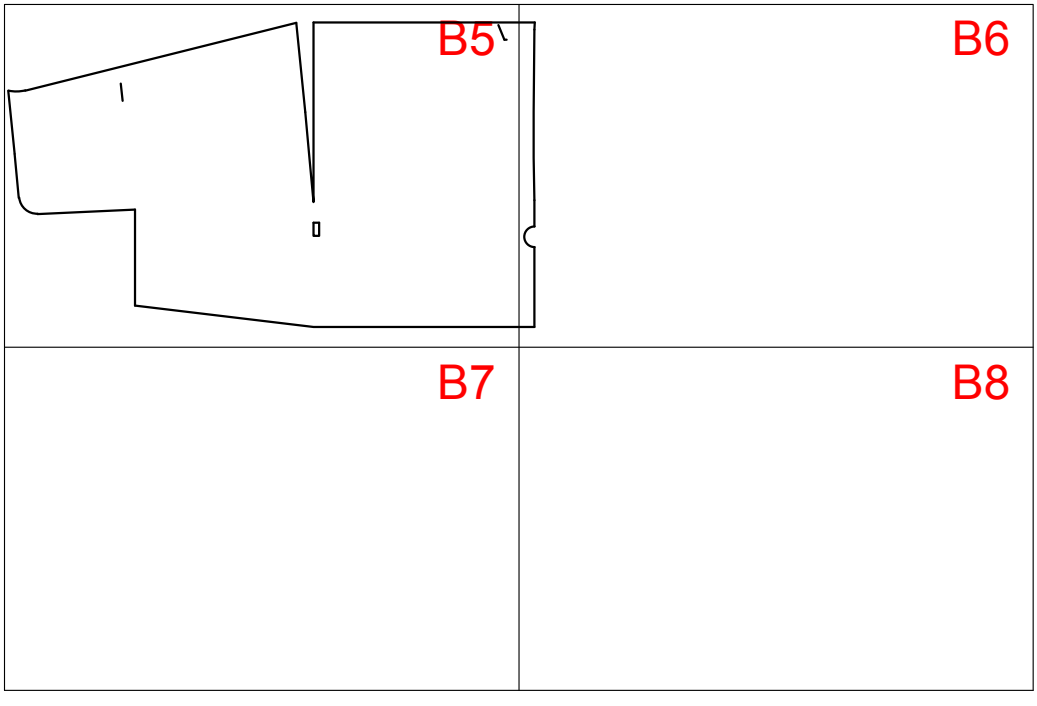
PILOT SKILL LEVEL:



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FT Mini Commuter: Tile B Key



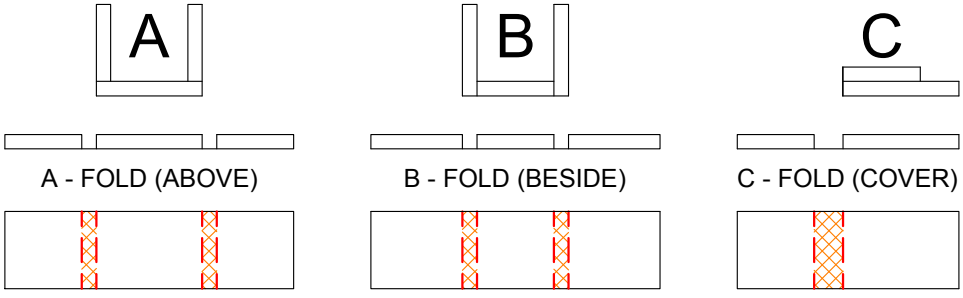


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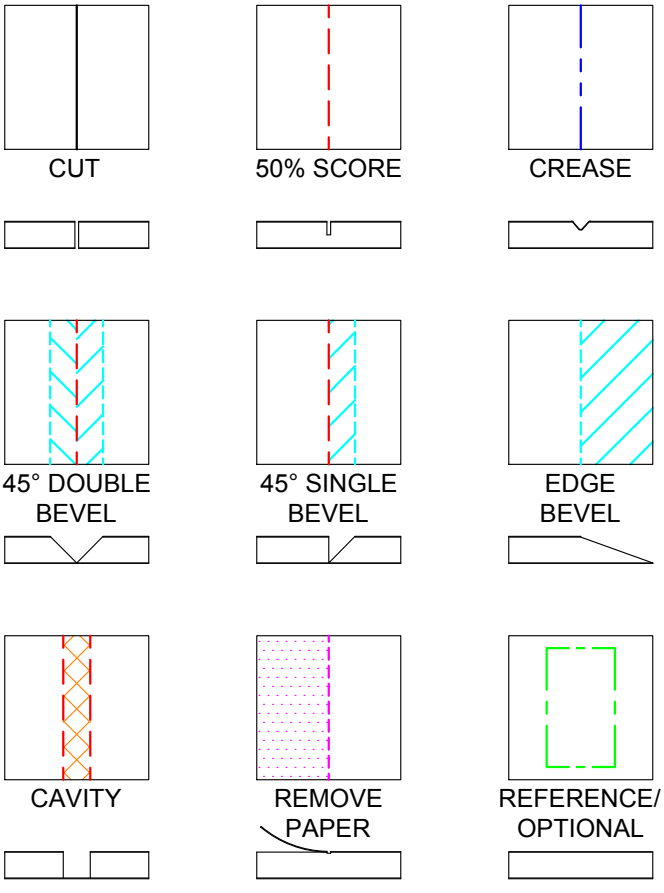
Drawing Key



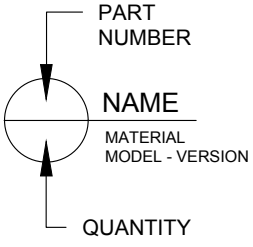
FOLD TYPES

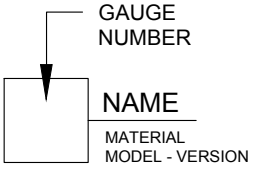


LINE TYPE/COLOR



SYMBOLS







CENTER OF GRAVITY (CG)

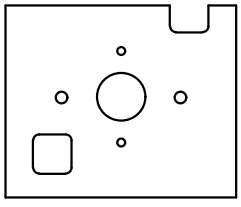
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FT Mini Commuter: Wood Parts

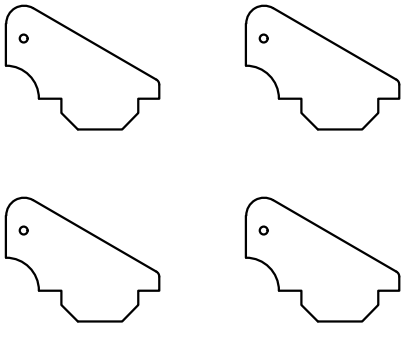


HOBBY GRADE PLYWOOD
1/16" (1.6 mm) THICK

FT MINI FIREWALL



FT MINI CONTROL HORNS



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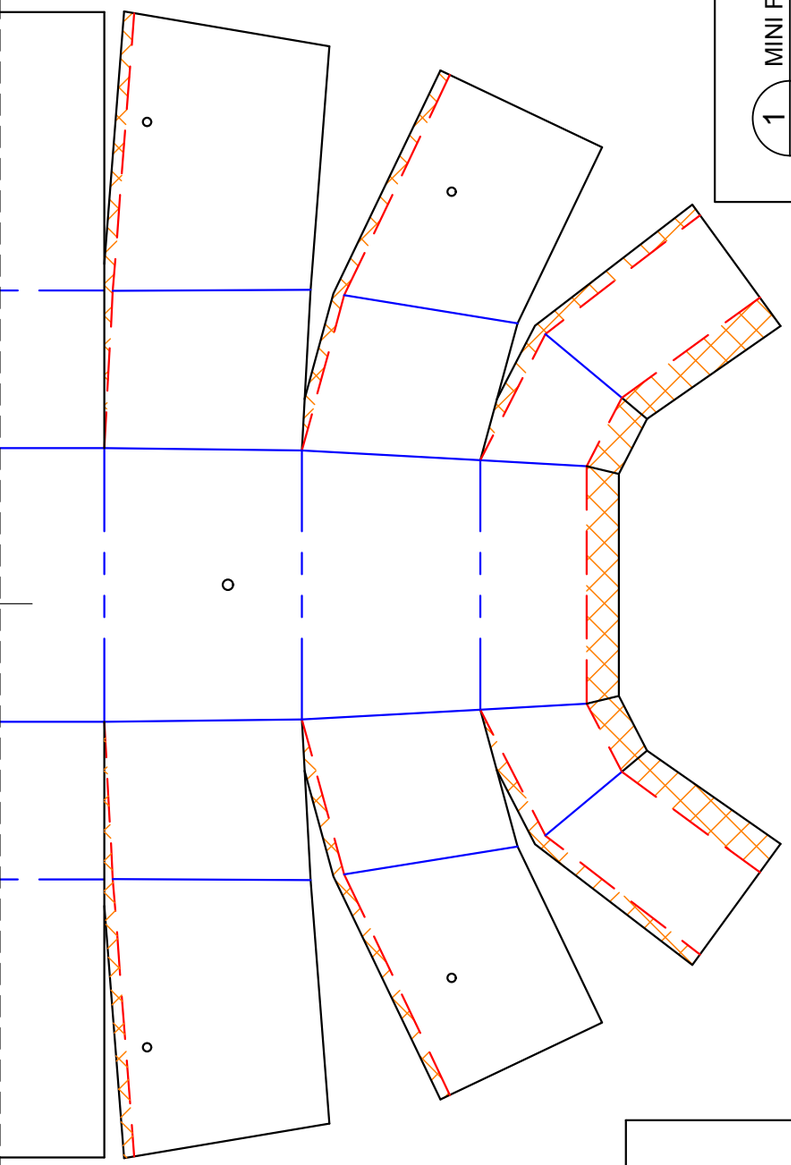
IN
CM

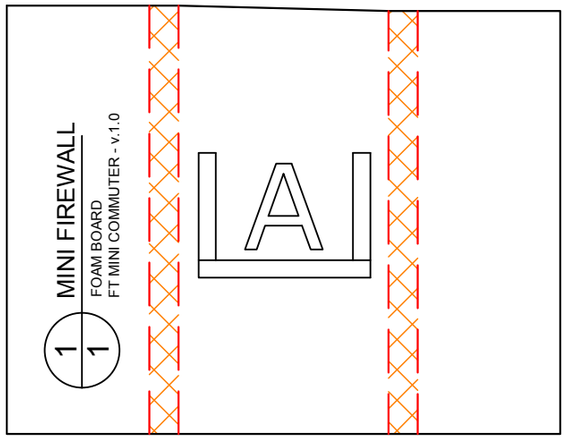
G1 DIHEDRAL GAUGE
FOAM BOARD
FT MINI COMMUTER - v.1.0

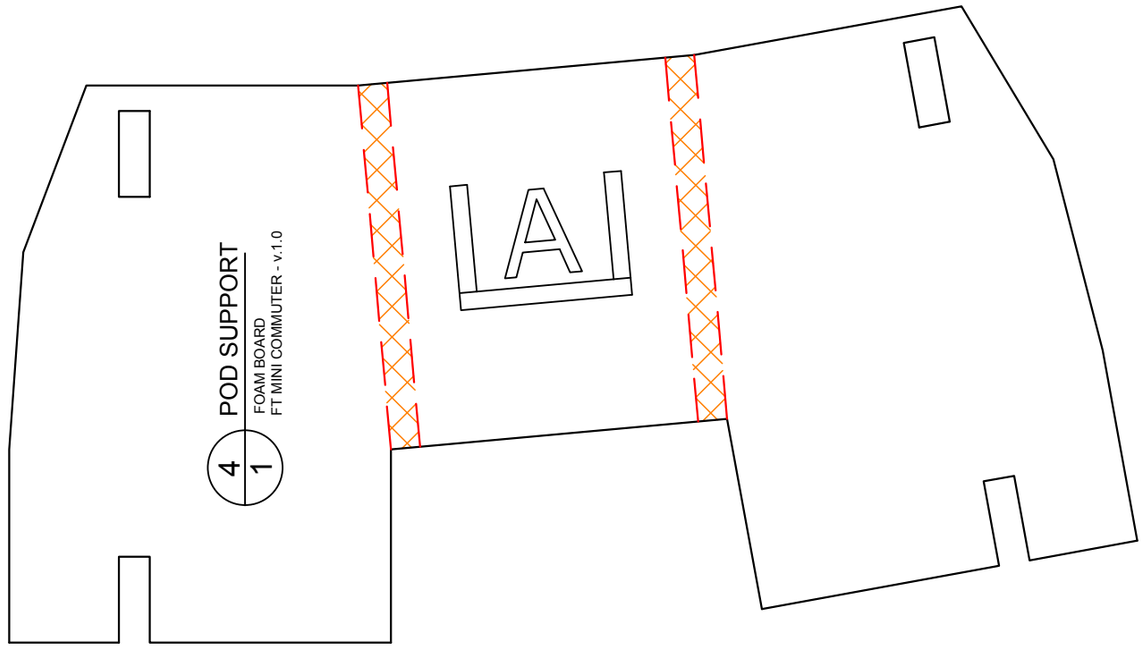
2/1 FUSELAGE
FOAM BOARD
FT MINI COMMUTER - v.1.0

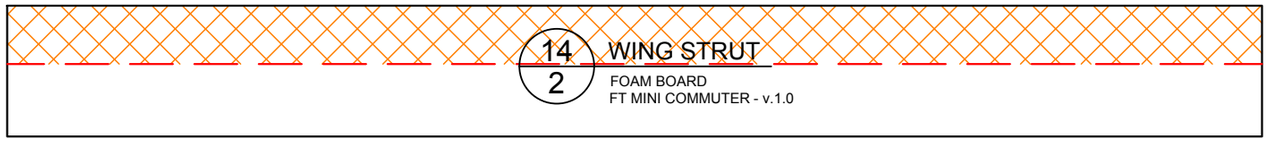
5/1 POD SUPPORT BOTTOM PLATE
FOAM BOARD
FT MINI COMMUTER - v.1.0

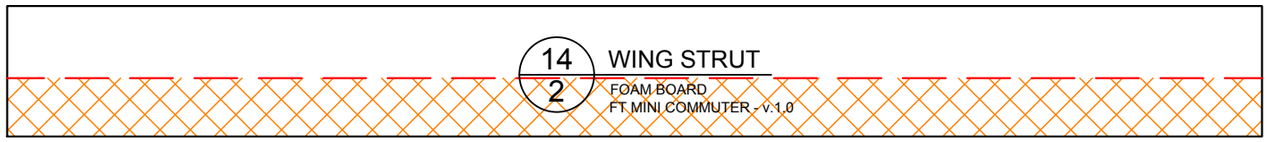
IN
CM




1
1
MINI FIREWALL
FOAM BOARD
FT MINI COMMUTER - v.1.0


4
1
POD SUPPORT
FOAM BOARD
FT MINI COMMUTER - v.1.0


14
2
WING STRUT
FOAM BOARD
FT MINI COMMUTER - v.1.0


14
2
WING STRUT
FOAM BOARD
FT MINI COMMUTER - v.1.0


13
2
WING SPAR
FOAM BOARD
FT MINI COMMUTER - v.1.0

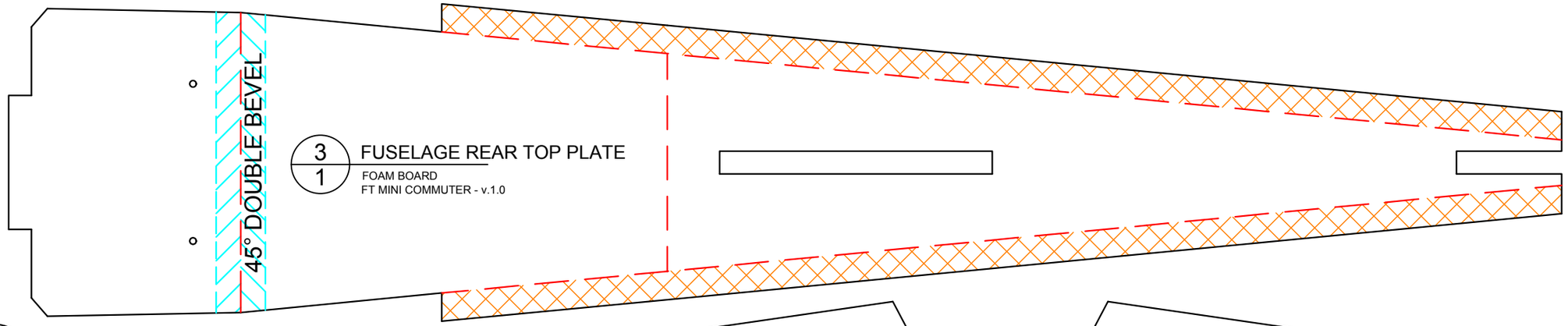

13
2
WING SPAR
FOAM BOARD
FT MINI COMMUTER - v.1.0

45° SINGLE BEVEL

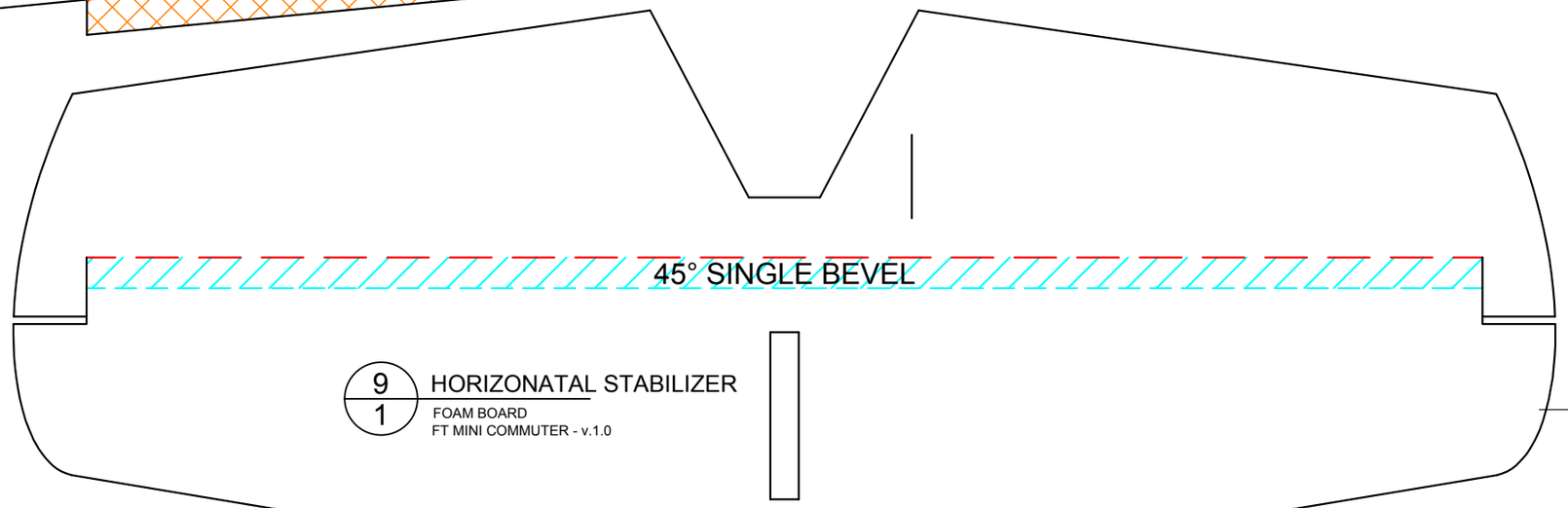
45° DOUBLE BEVEL

12
1
RIGHT WING PANEL
FOAM BOARD
FT MINI COMMUTER - v.1.0

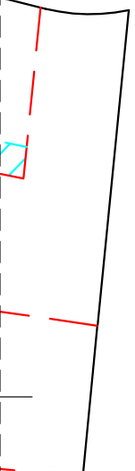
IN
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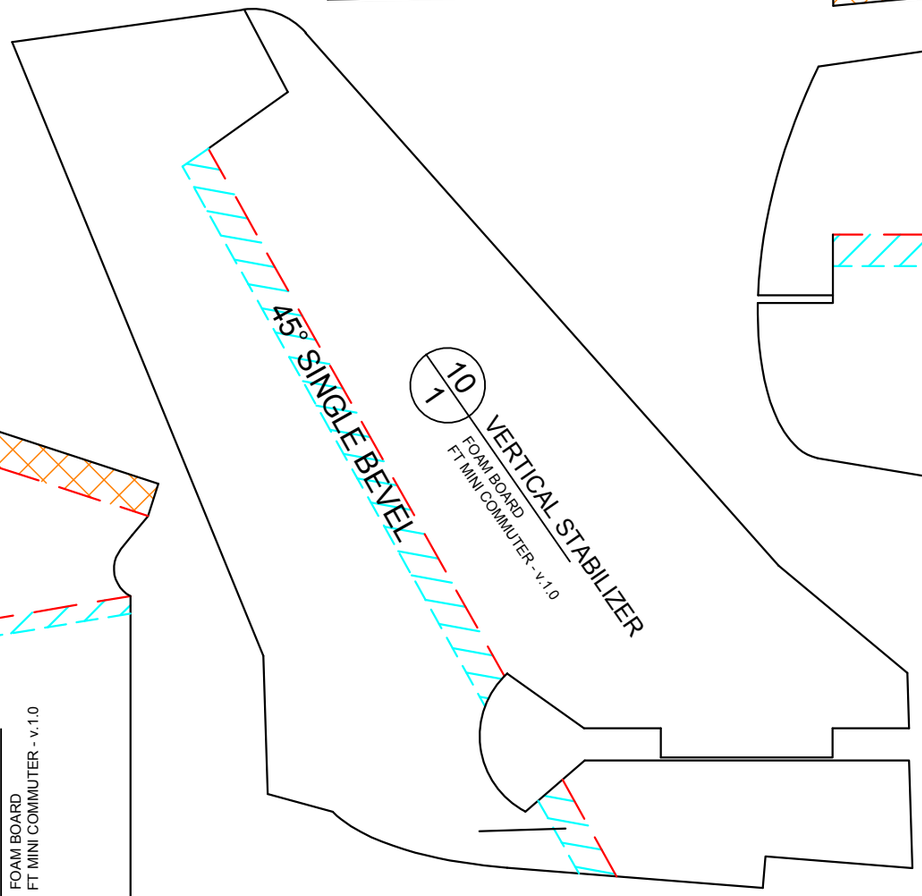


3/1 FUSELAGE REAR TOP PLATE
FOAM BOARD
FT MINI COMMUTER - v.1.0

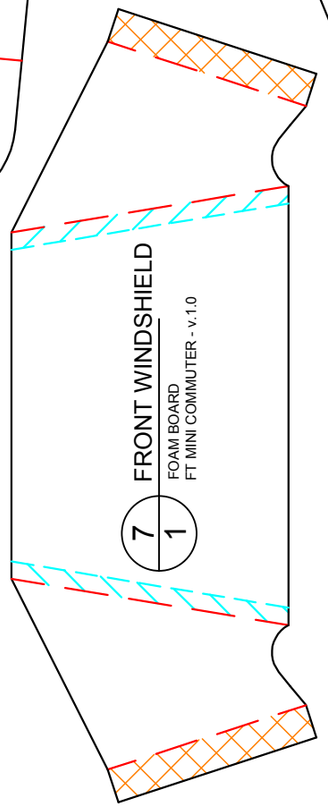


9/1 HORIZONATAL STABILIZER
FOAM BOARD
FT MINI COMMUTER - v.1.0

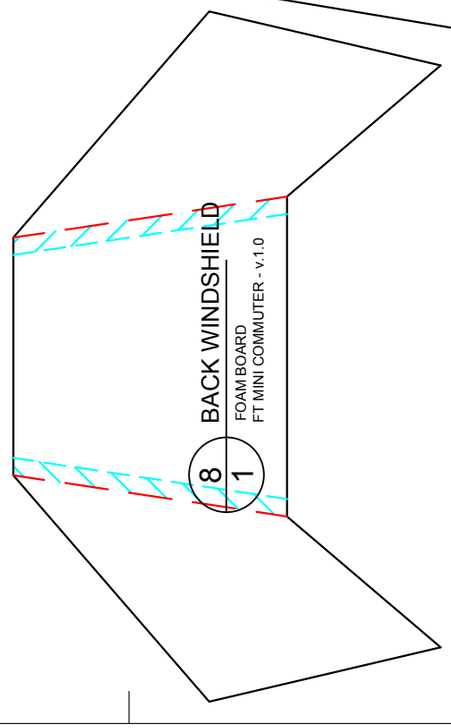




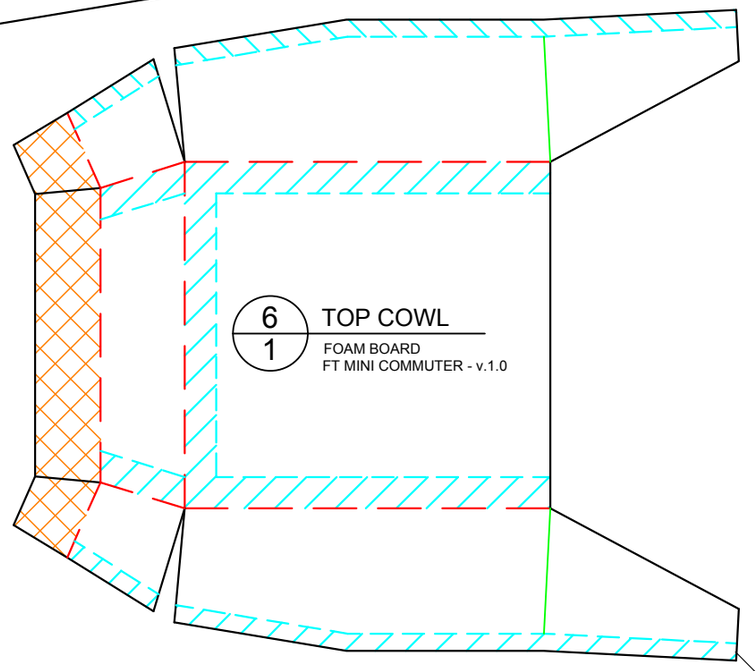
10/1 VERTICAL STABILIZER
FOAM BOARD
FT MINI COMMUTER - v.1.0



7/1 FRONT WINDSHIELD
FOAM BOARD
FT MINI COMMUTER - v.1.0



8/1 BACK WINDSHIELD
FOAM BOARD
FT MINI COMMUTER - v.1.0



6/1 TOP COWL
FOAM BOARD
FT MINI COMMUTER - v.1.0

IN
CM

FT MINI COMMUTER v.1.0
TILE-B5

IN
CM

45° SINGLE BEVEL

45° DOUBLE BEVEL

11/1 LEFT WING PANEL
FOAM BOARD
FT MINI COMMUTER - v.1.0

IN
CM

