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# FT Simple Scout

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Drawing By: Dan Sponholz  
Version: 1.0  
Date: 2017.10.27



## SPECIFICATIONS

DESCRIPTION		IMPERIAL	METRIC
LENGTH		29.00 in	736.6 mm
CENTER OF GRAVITY	CG	2.44 in	62.0 mm
WING SPAN		37.50 in	952.5 mm
WING AREA		323.85 in <sup>2</sup>	20.9 dm <sup>2</sup>
DRY WEIGHT		15.00 oz	425.2 g
ALL UP WEIGHT	AUW	18.90 oz	535.8 g
WING LOADING	WL	8.4 oz/ft <sup>2</sup>	25.6 g/dm <sup>2</sup>
WING CUBIC LOADING	WCL	5.6	

## RECOMMENDED SETTINGS

	THROW	EXPO
AILERON (OPTIONAL)	12°	30%
ELEVATOR	12°	30%
RUDDER	12°	30%



Build Skill Level :



Pilot Skill Level :





# FT Simple Scout: Sheet & Tile Key

A1 B1 A2	A3 B2 A4	A9 B5 A10	A11 B6 A12	A17 B9 A18	A19 B10 A20
A5 B3 A6	A7 B4 A8	A13 B7 A14	A15 B8 A16	A21 B11 A22	A23 B12 A24

A25 B13 A26	A27 B14 A28	A33 B17 A34	A35 B18 A36	A41 B21 A42	A43 B22 A44
A29 B15 A30	A31 B16 A32	A37 B19 A38	A39 B20 A40	A45 B23 A46	A47 B24 A48

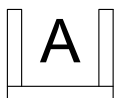
A49 B25 A50	A51 B26 A52	A57 B29 A58	A59 B30 A60	A65 B33 A66	A67 B34 A68
A53 B27 A54	A55 B28 A56	A61 B31 A62	A63 B32 A64	A69 B35 A70	A71 B36 A72



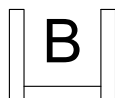
# Drawing Key



## FOLD TYPES



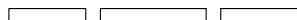
A



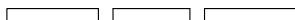
B



C



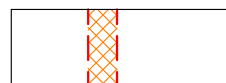
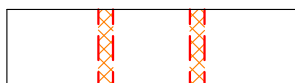
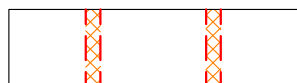
A - FOLD (ABOVE)



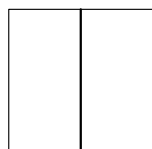
B - FOLD (BESIDE)



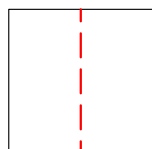
C - FOLD (COVER)



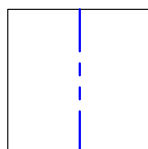
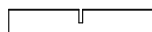
## LINE TYPE/COLOR



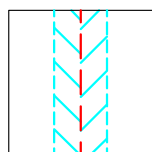
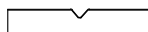
CUT



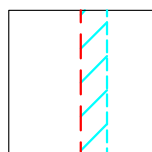
50% SCORE



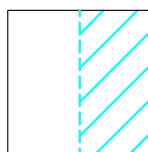
CREASE



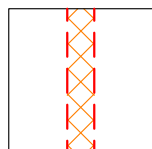
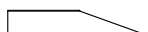
45° DOUBLE  
BEVEL



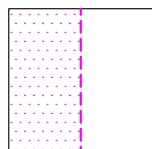
45° SINGLE  
BEVEL



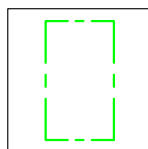
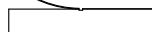
EDGE  
BEVEL



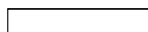
CAVITY



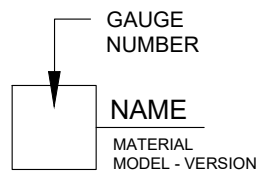
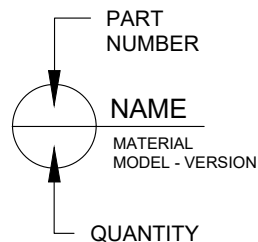
REMOVE  
PAPER



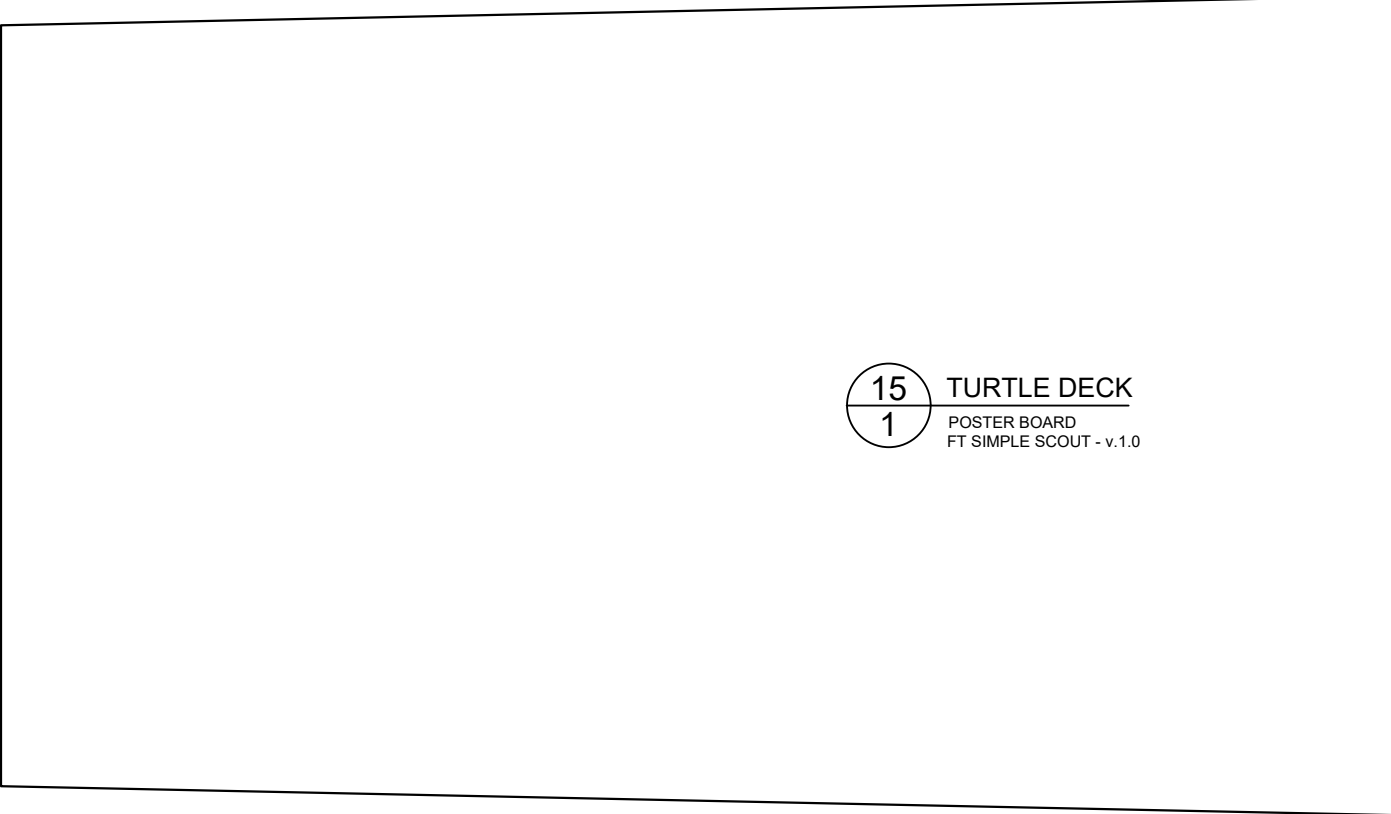
REFERENCE/  
OPTIONAL



## SYMBOLS



CENTER  
OF  
GRAVITY  
(CG)



15  
1

TURTLE DECK  
POSTER BOARD  
FT SIMPLE SCOUT - v.1.0

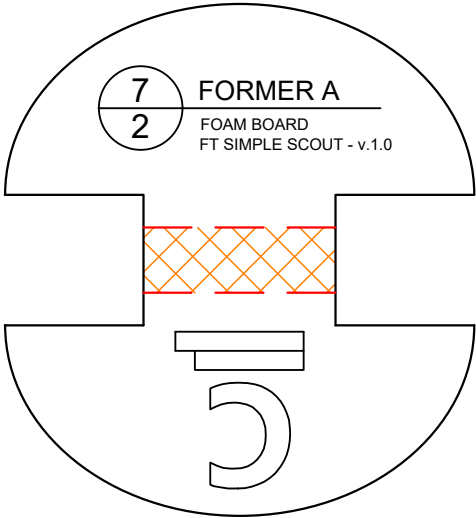
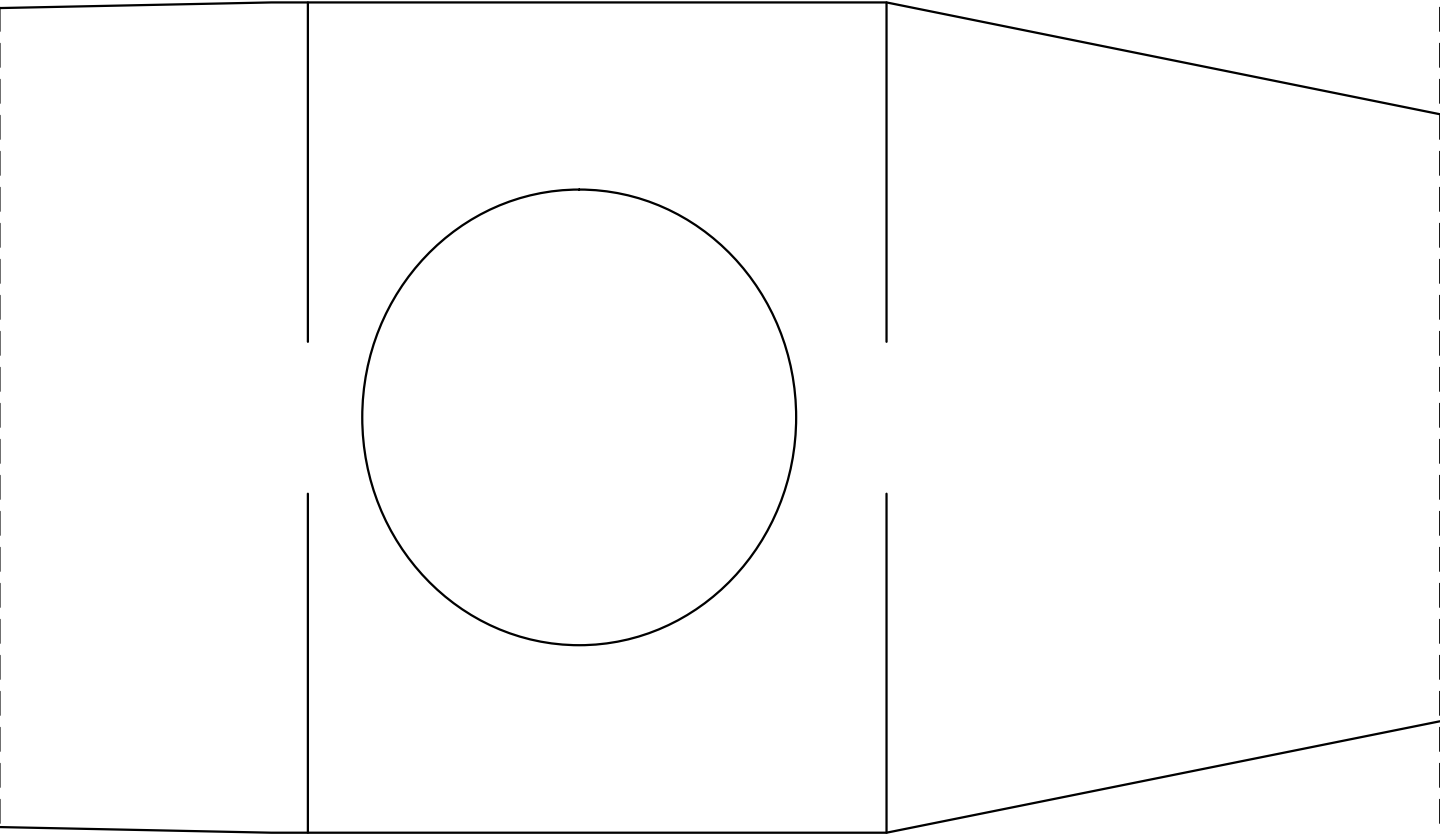


1  
1

POWER POD  
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0



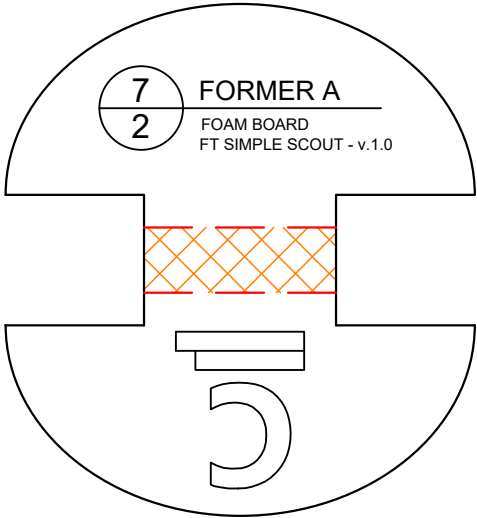
IN  
CM



7  
2

FORMER A

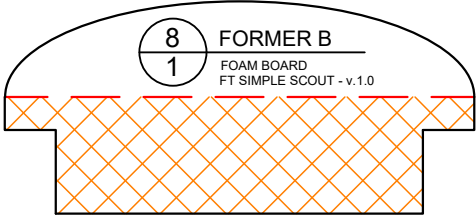
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0



7  
2

FORMER A

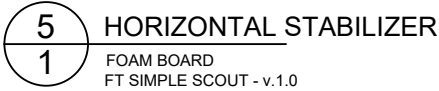
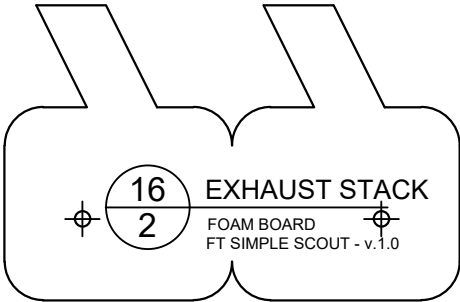
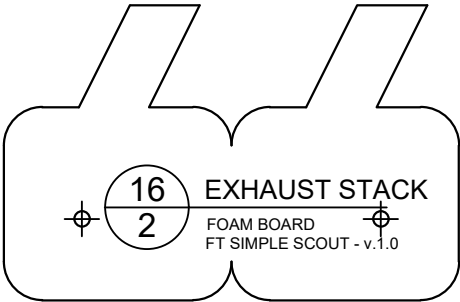
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0



8  
1

FORMER B

FOAM BOARD  
FT SIMPLE SCOUT - v.1.0





17

2

CYLINDER HEAD

FOAM BOARD

FT SIMPLE SCOUT - v.1.0

17

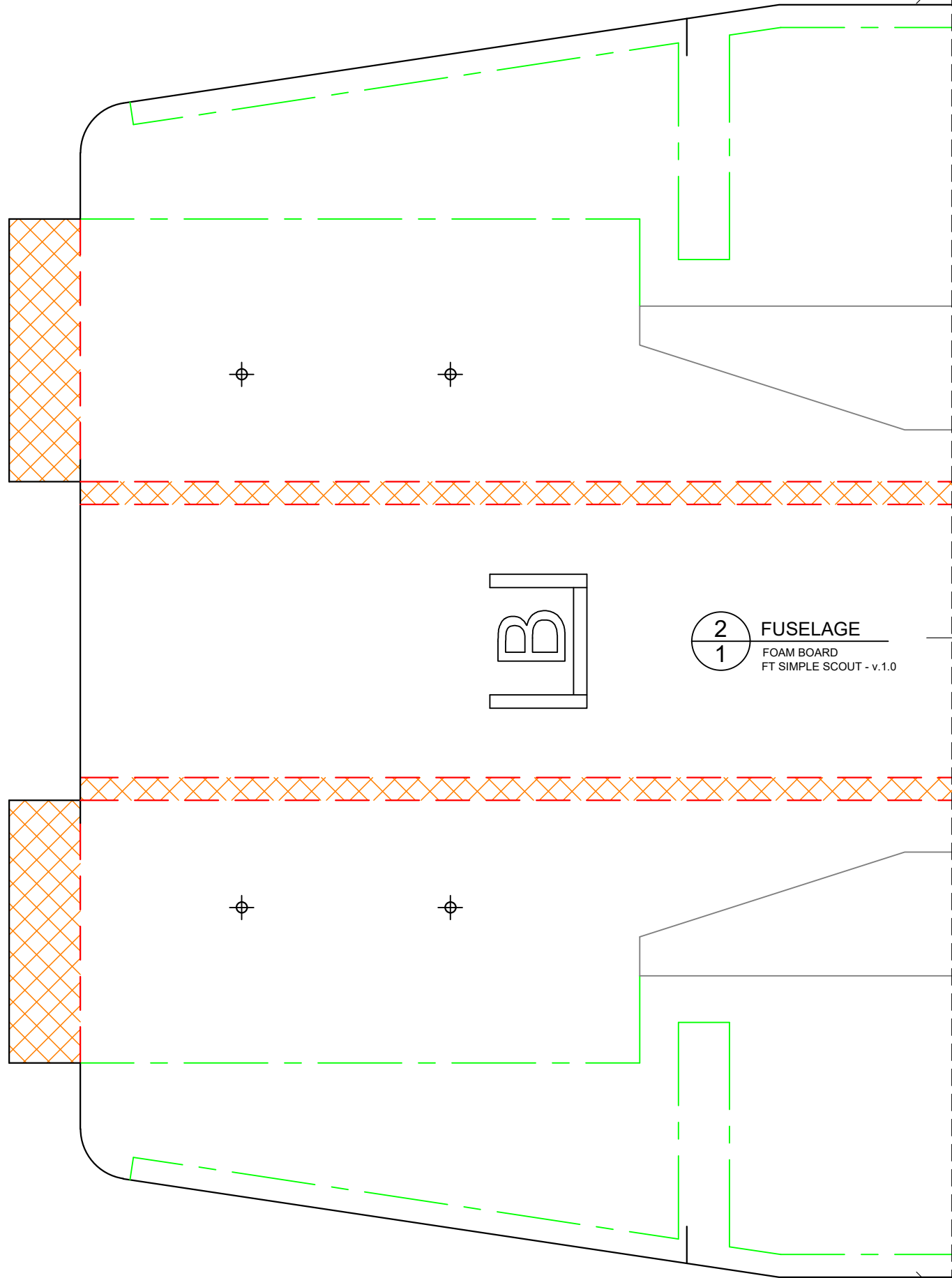
2

CYLINDER HEAD

FOAM BOARD

FT SIMPLE SCOUT - v.1.0

BEVEL



2  
1

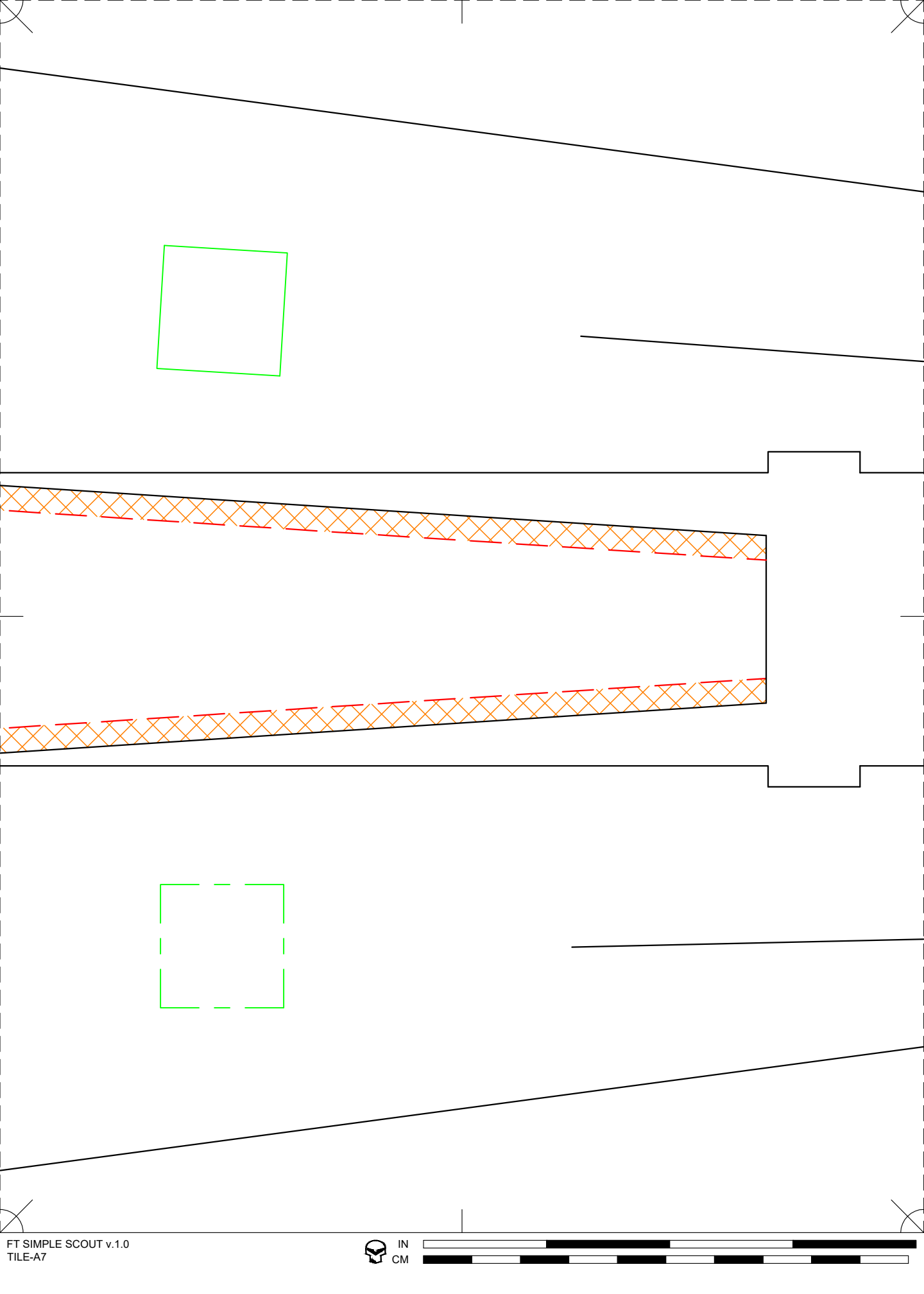
**FUSELAGE**  
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0

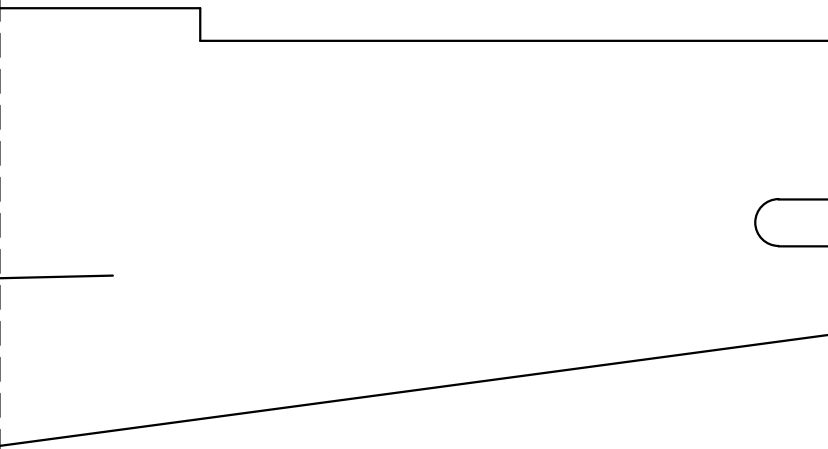
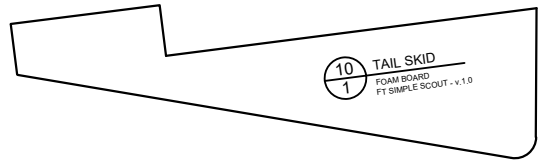
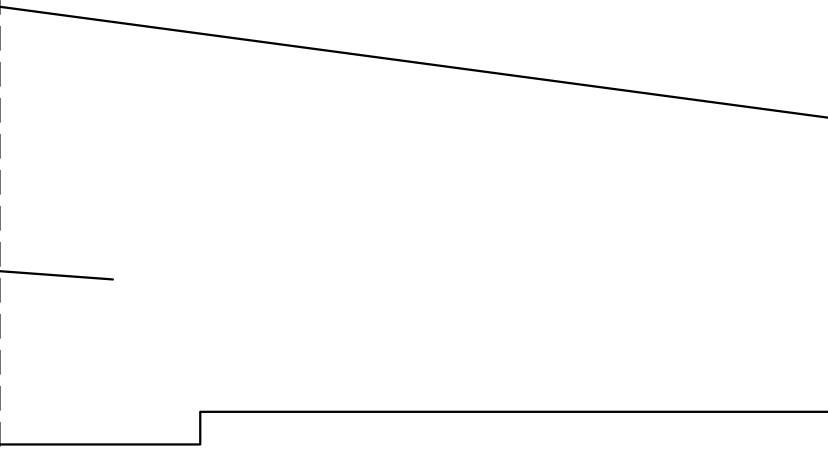


REMOVE AFTER FOLDING

REMOVE AFTER FOLDING

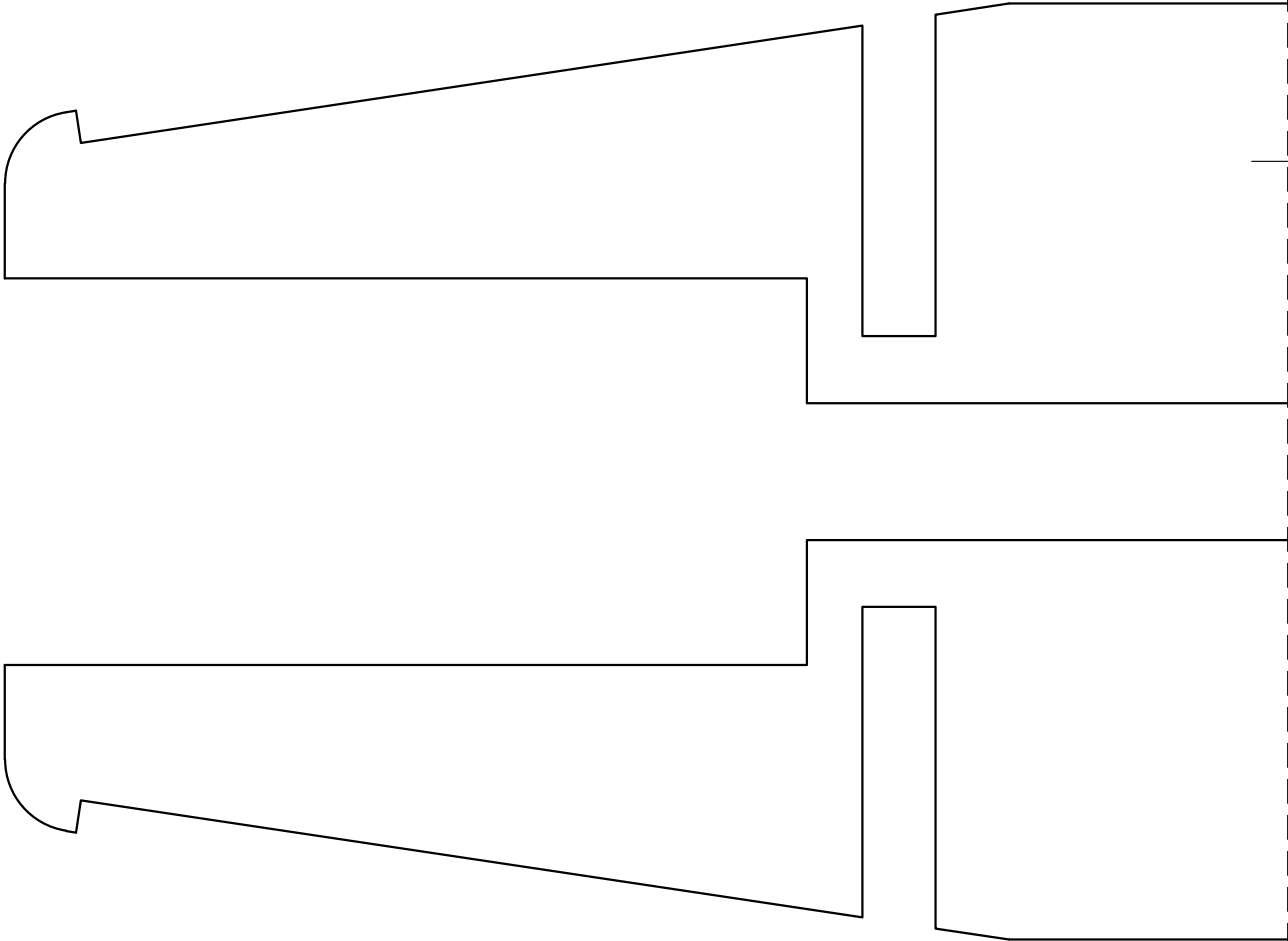
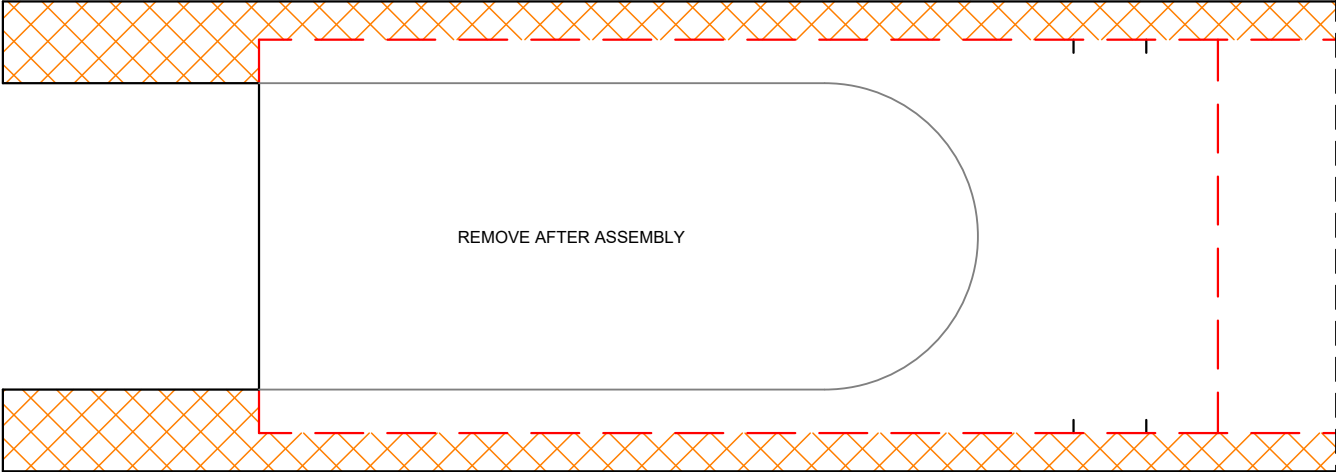
REMOVE AFTER FOLDING

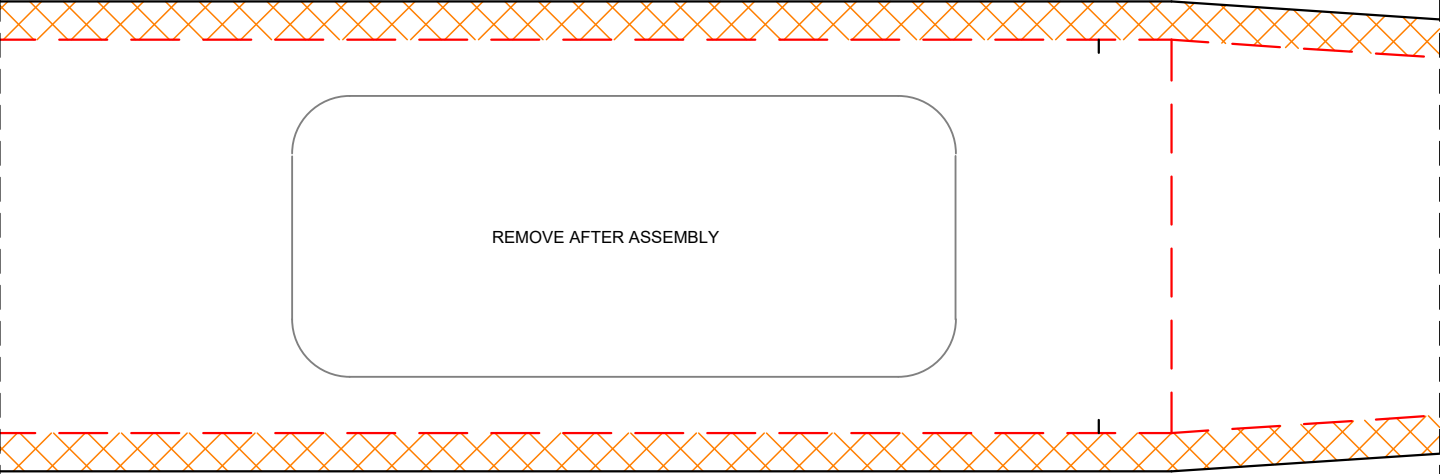




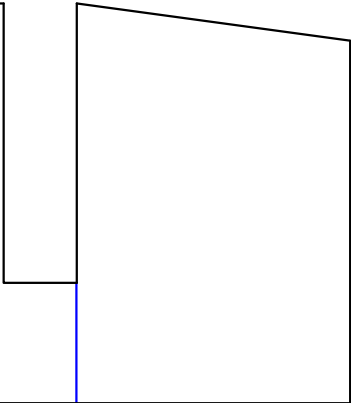


IN  
CM

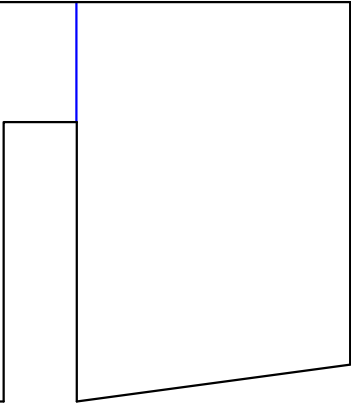




FUSELAGE DOUBLER  
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0



FUSELAGE DOUBLER  
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0

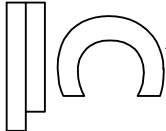




4  
1

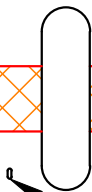
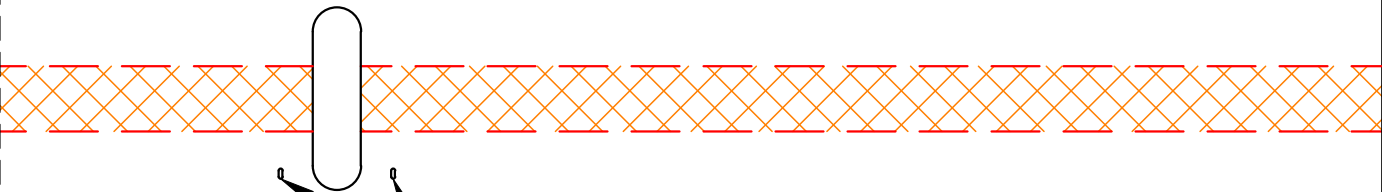
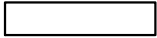
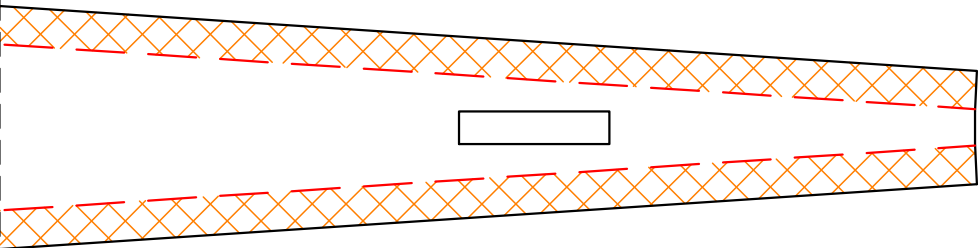
FUSELAGE BOTTOM

FOAM BOARD  
FT SIMPLE SCOUT - v.1.0

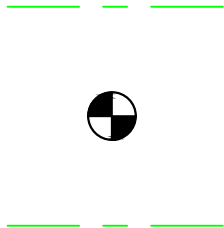




IN  
CM



OPTIONAL  
FOR BOMB  
DROP



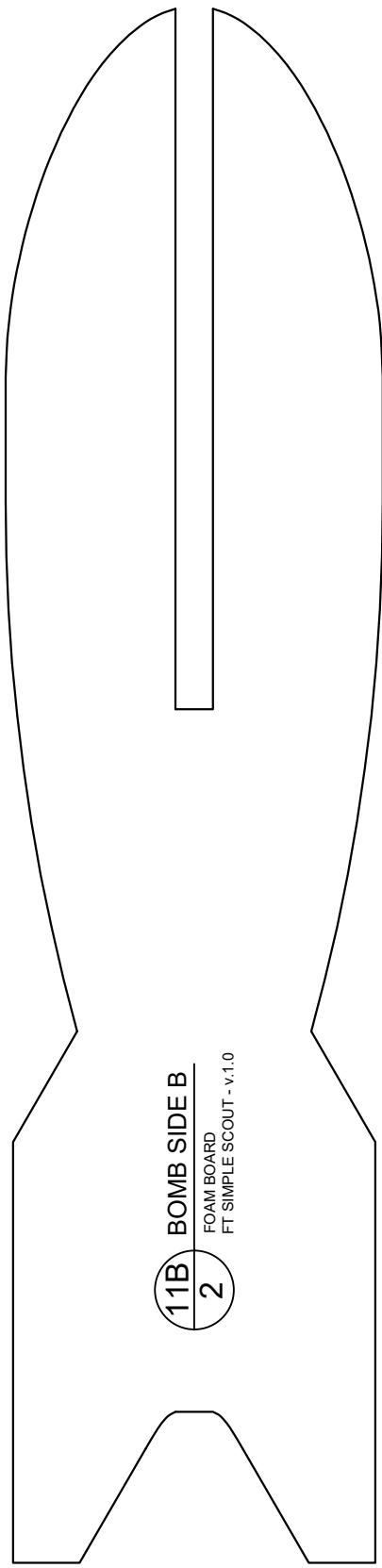


# VERTICAL STABILIZER

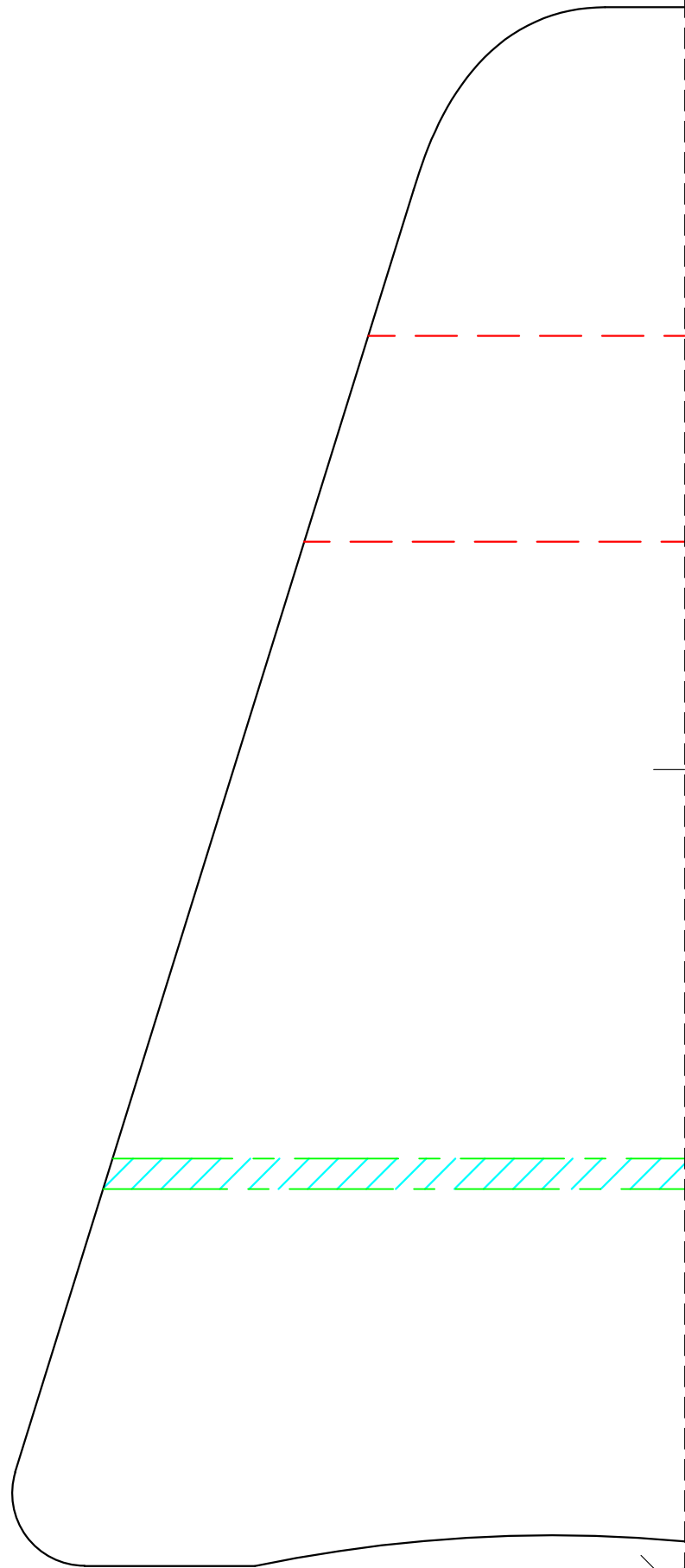
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0

45° SINGLE BEVEL





11B BOMB SIDE B  
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0



45° DOUB

13  
1

RIGHT WING  
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0

45° SINGLE BEVEL

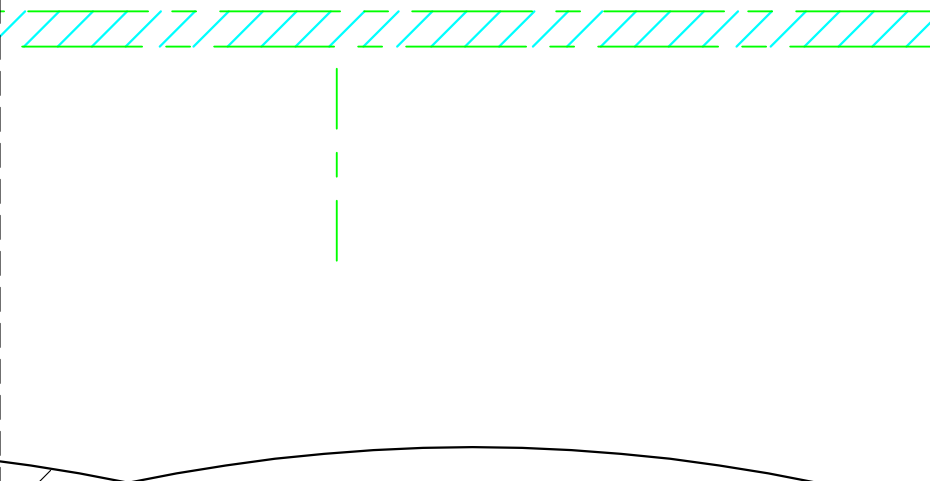
OPTIONAL AILERONS



IN  
CM

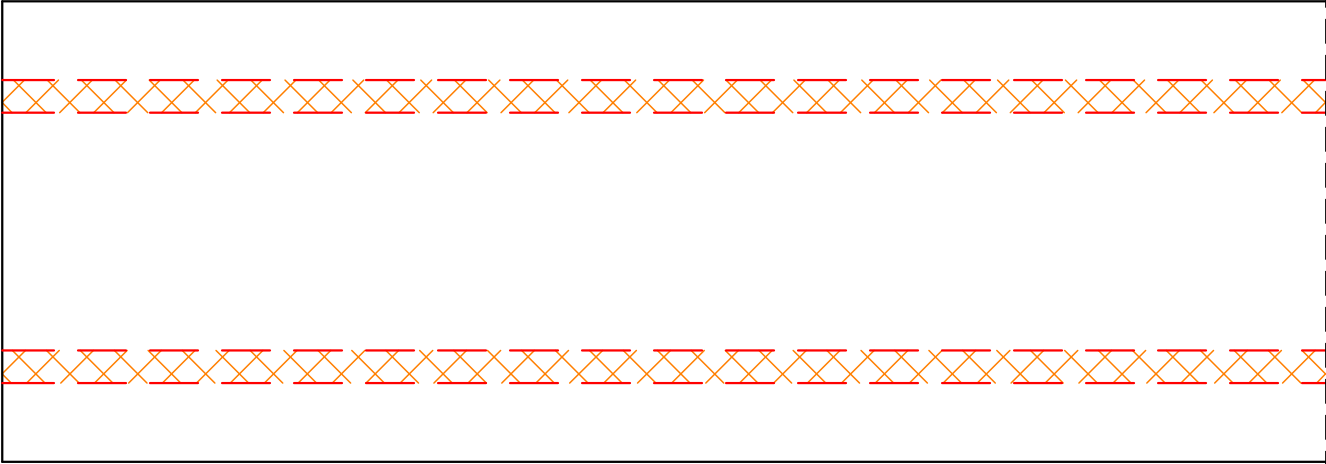


LE BEVEL

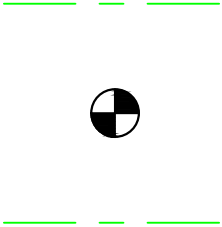
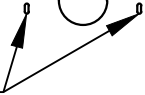




IN  
CM

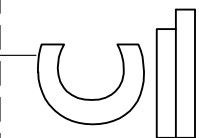
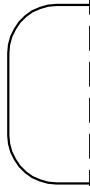
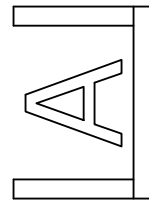


OPTIONAL  
FOR BOMB  
DROP





IN  
CM





12  
1

SPAR  
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0

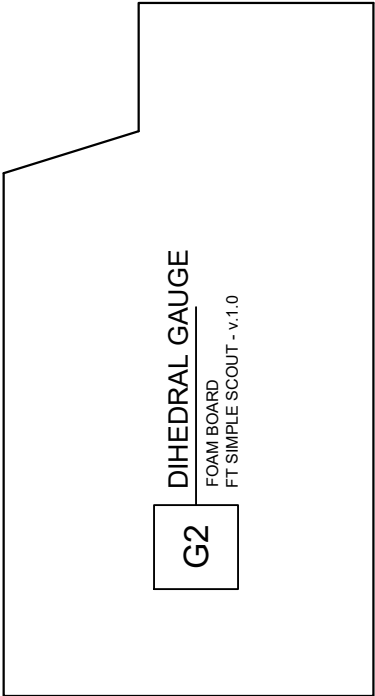


G1

THROW GAUGE  
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0

7

H

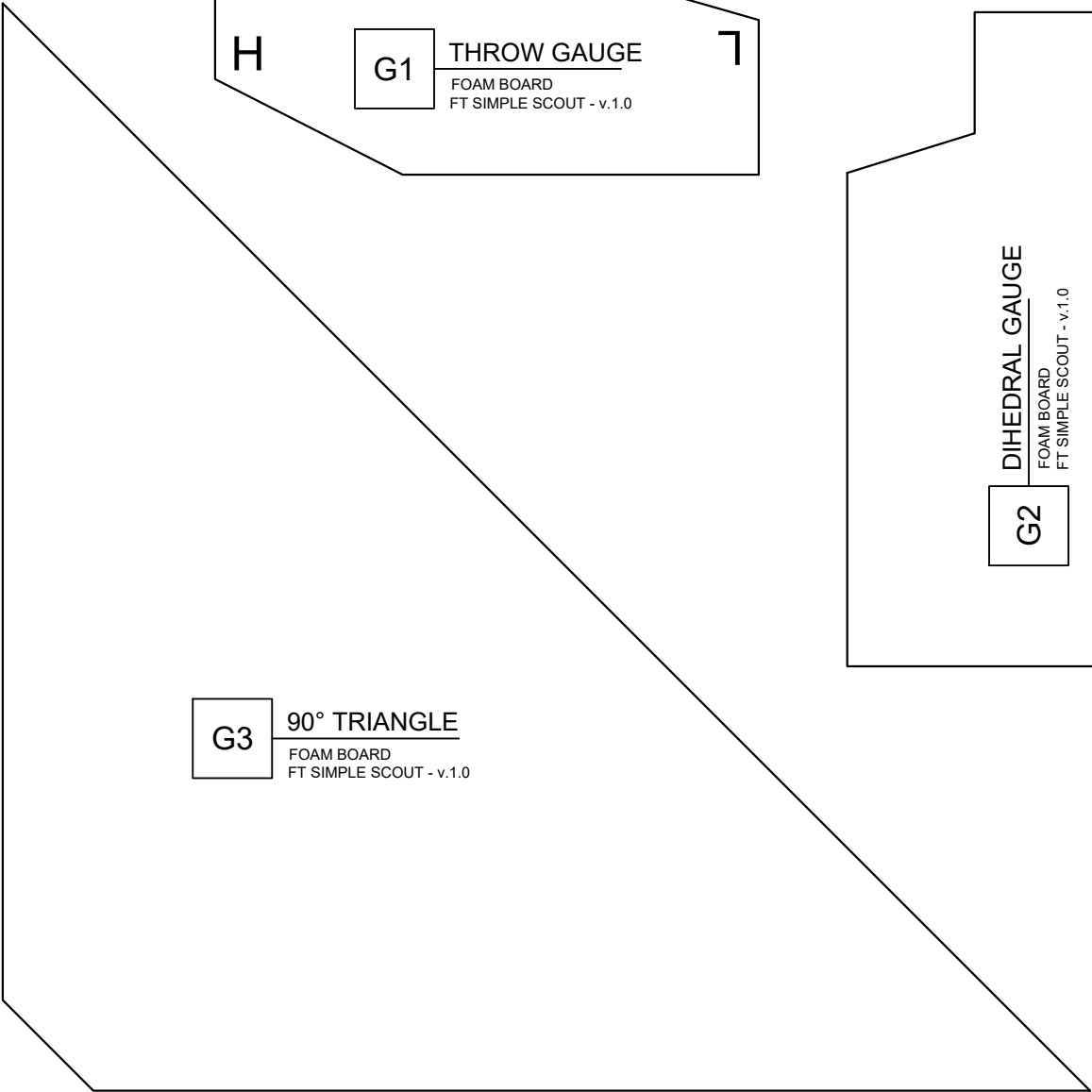


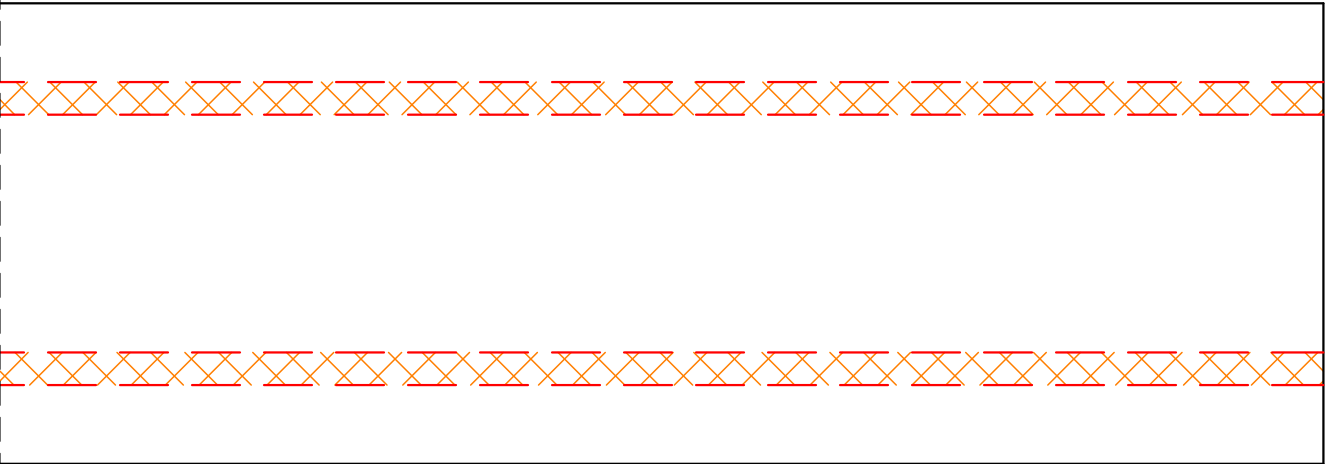
DIHEDRAL GAUGE  
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0

G2

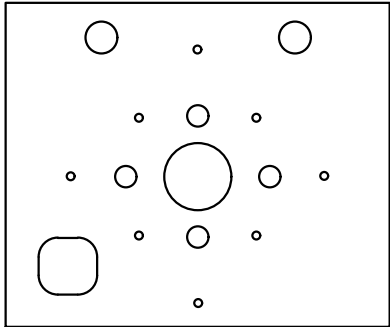
G3

90° TRIANGLE  
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0



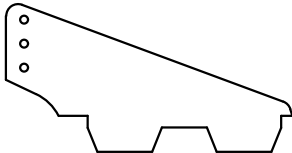


FT SWAPPABLE FIREWALL



HOBBY GRADE PLYWOOD  
3/32" (2.4 mm) THICK

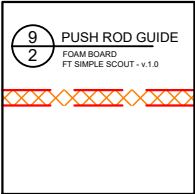
FT CONTROL HORN



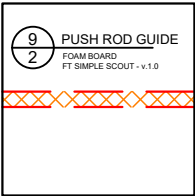
HOBBY GRADE PLYWOOD  
1/16" (1.6 mm) THICK



18  
1 GEAR TAB  
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0



9  
2 PUSH ROD GUIDE  
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0



9  
2 PUSH ROD GUIDE  
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0

45° DOUB





LE BEVEL

14

1

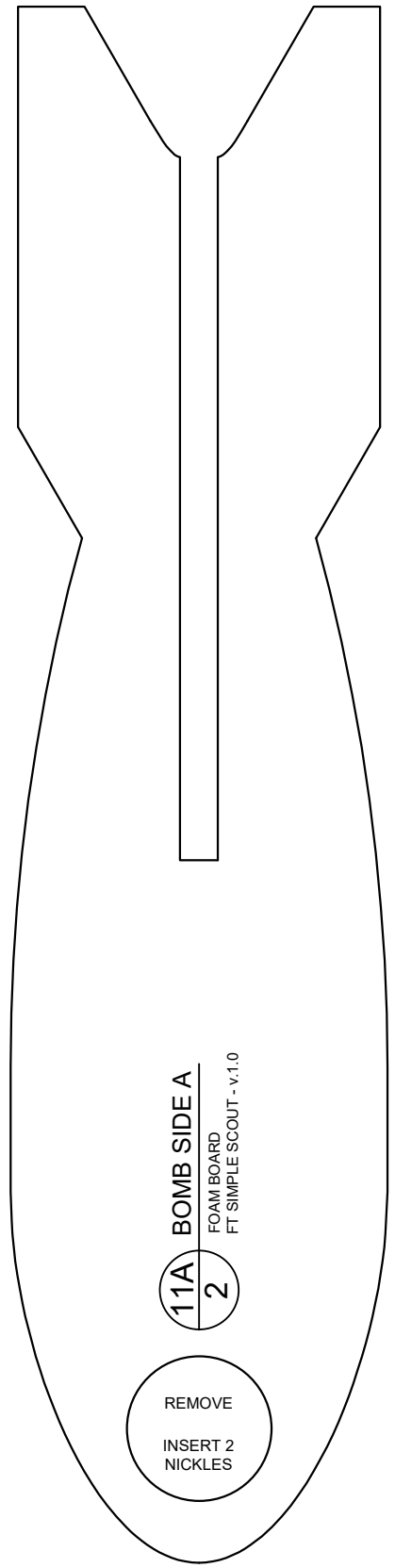
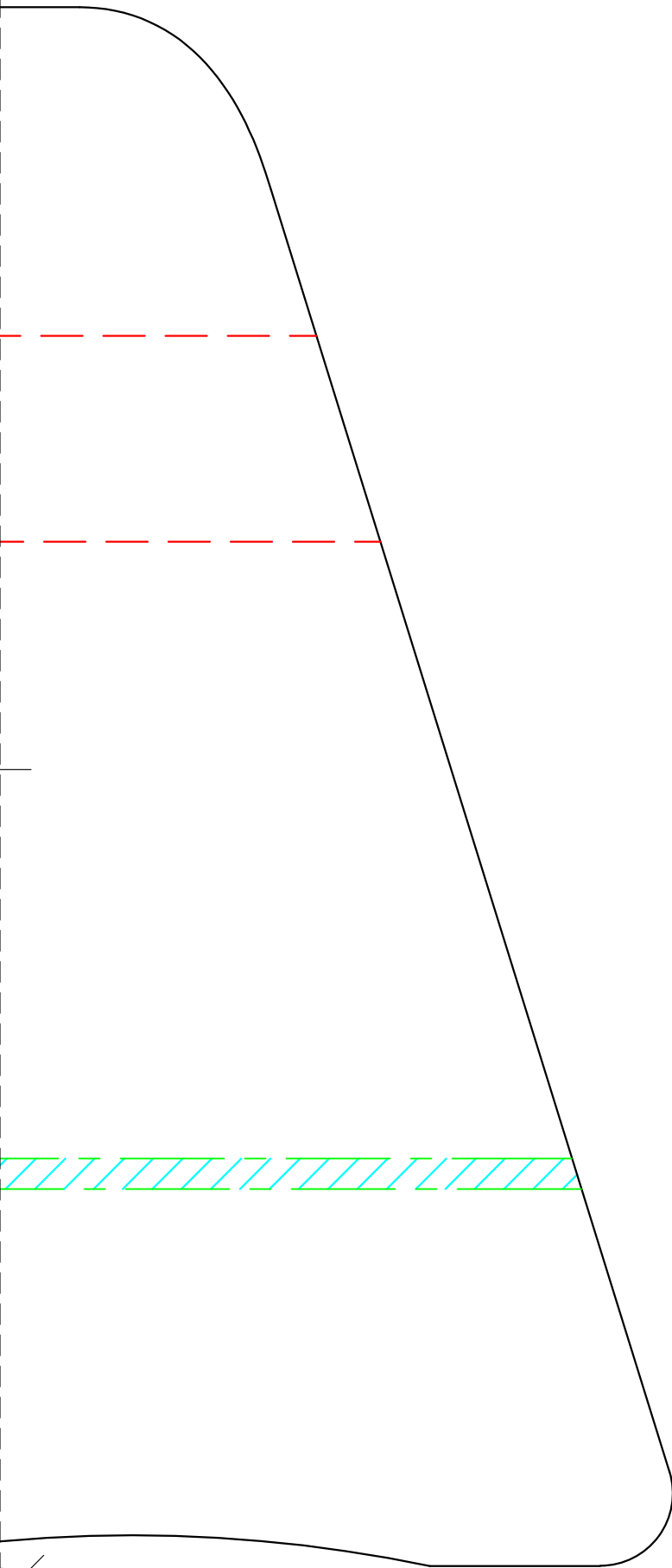
LEFT WING

FOAM BOARD  
FT SIMPLE SCOUT - v.1.0

45° SINGLE BEVEL

OPTIONAL AILERONS





**11A** BOMB SIDE A  
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0

REMOVE  
INSERT 2  
NICKLES

