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FT LongEZ

Designed By: Alex Zvada & Josh Bixler

Drawing By: Dan Sponholz

Version: 1.0

Date: 2018.09.15



GENERAL SPECIFICATIONS:

LENGTH:	16.00 in	406 mm
WINGSPAN:	19.00 in	483 mm
WING AREA:	99.5 in ²	6.4 dm ²
DRY WEIGHT:	5.5 oz.	156 g
ALL UP WEIGHT:	7.9 oz.	226 g
WING LOADING:	11.5 oz/ft ²	35 g/dm ²
WCL:	13.9	
THROWS:	12°	
EXPO:	30%	
CHANNELS:	2 [THR ELEVONS]	

RECOMMENDED ELECTRONICS:

MOTOR:	1806 2300kV (min.)
PROPELLER:	5 x 3 - 6 x 4.5
ESC:	12 Amp (min.)
SERVOS:	2X ~5 Gram Micro
BATTERY:	2s-3s LiPo 650-850mAh



BUILD SKILL LEVEL:

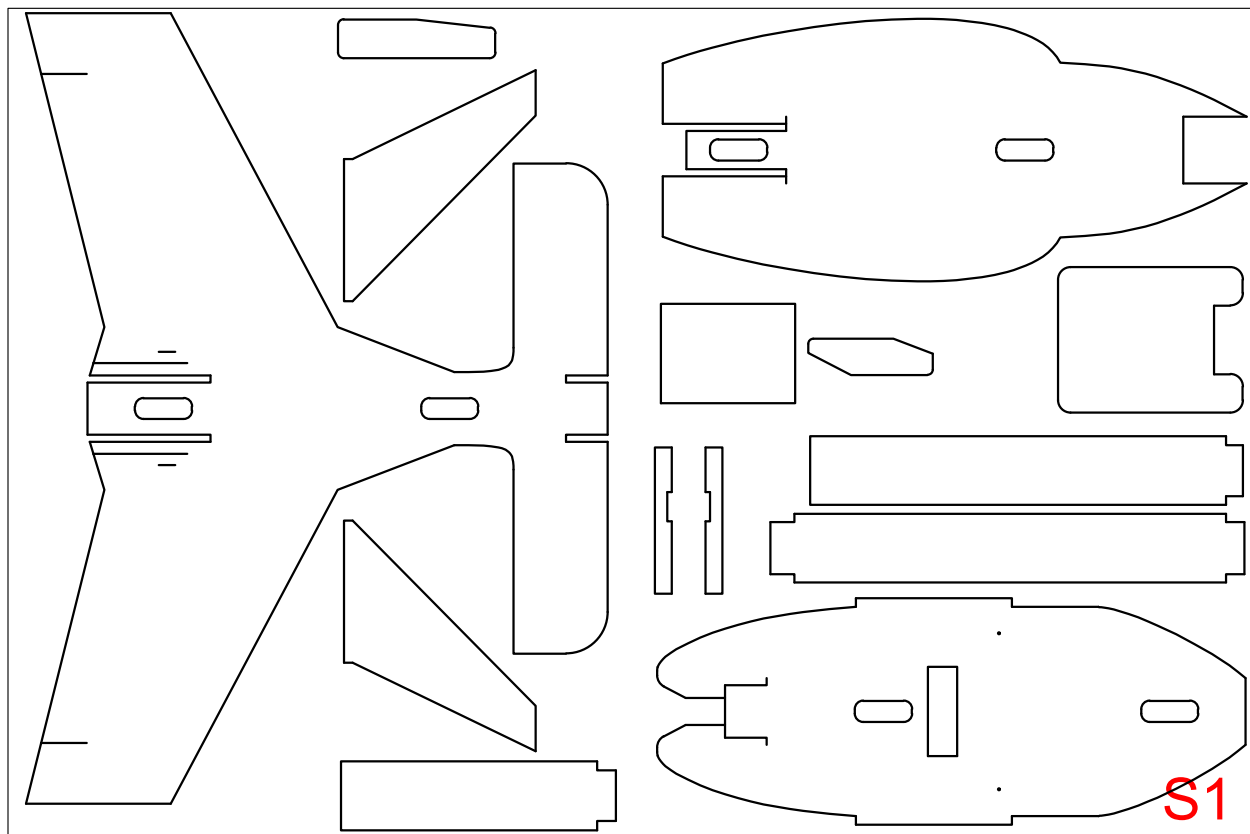


PILOT SKILL LEVEL:



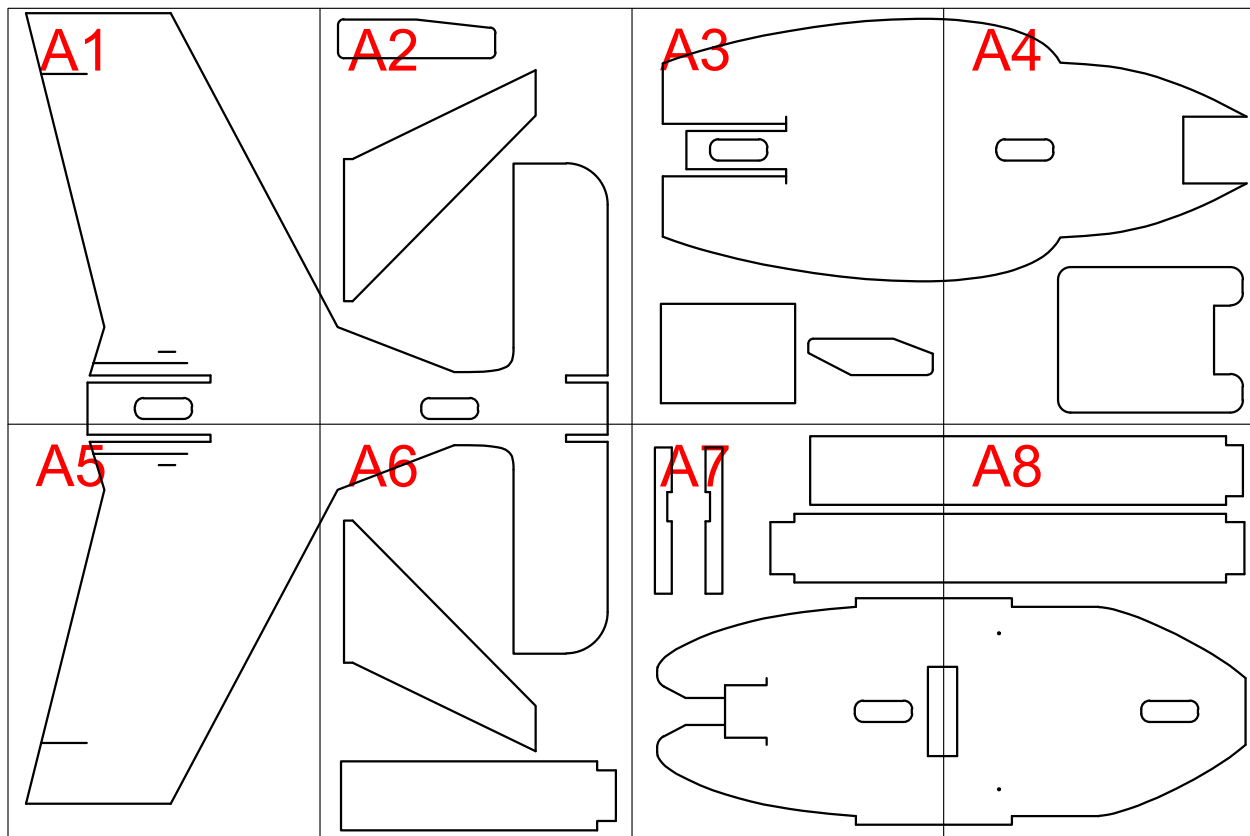


FT LongEZ: Full-Size Key



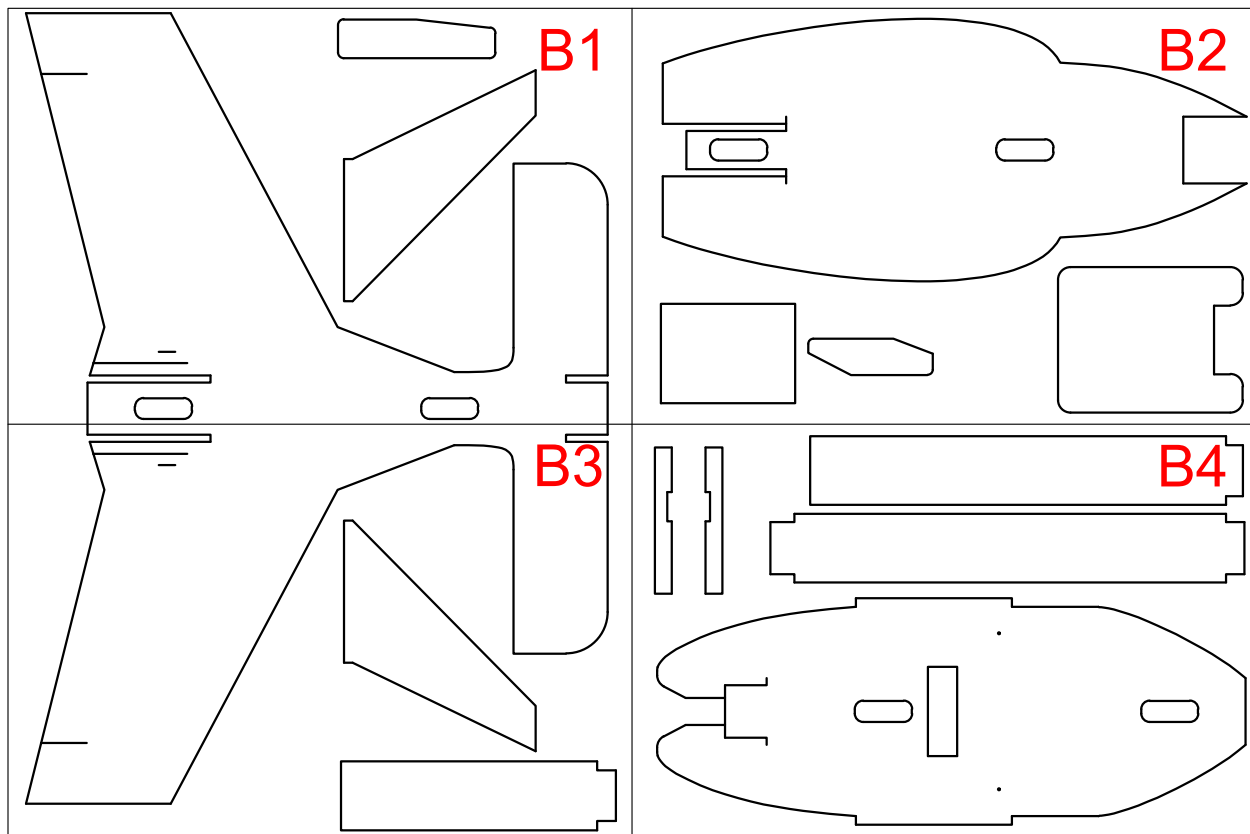


FT LongEZ: Tile A Key





FT LongEZ: Tile B Key



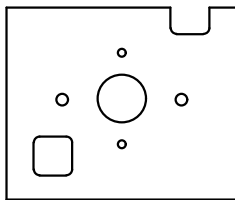


FT LongEZ: Wood Parts

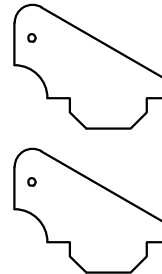


HOBBY GRADE PLYWOOD
1/16" (1.6 mm) THICK

FT MINI FIREWALL



FT MINI CONTROL HORN

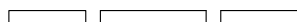
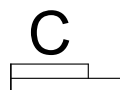
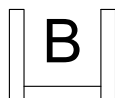




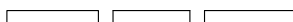
Drawing Key



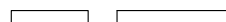
FOLD TYPES



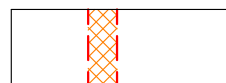
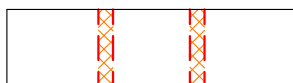
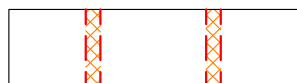
A - FOLD (ABOVE)



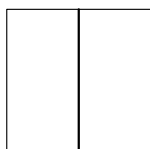
B - FOLD (BESIDE)



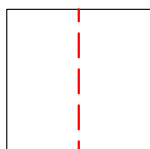
C - FOLD (COVER)



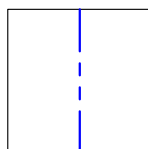
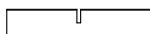
LINE TYPE/COLOR



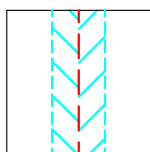
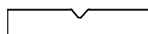
CUT



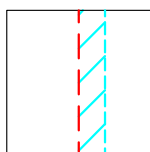
50% SCORE



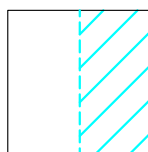
CREASE



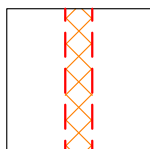
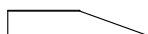
45° DOUBLE
BEVEL



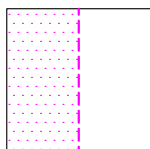
45° SINGLE
BEVEL



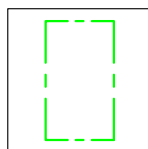
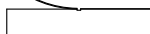
EDGE
BEVEL



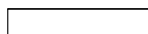
CAVITY



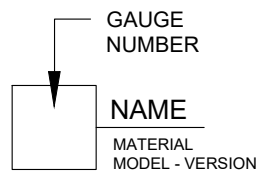
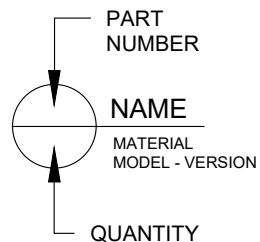
REMOVE
PAPER



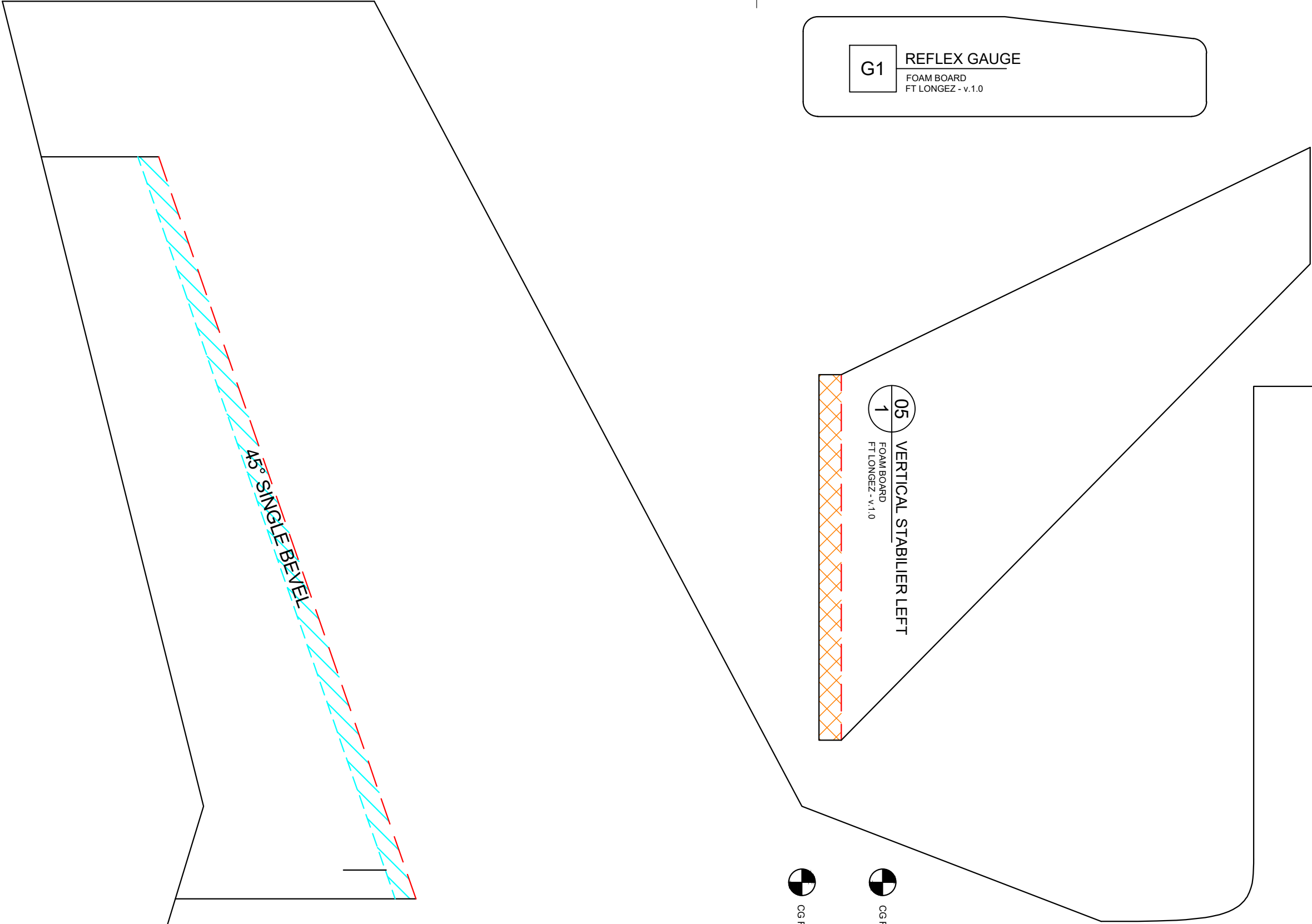
REFERENCE/
OPTIONAL



SYMBOLS



CENTER
OF
GRAVITY
(CG)



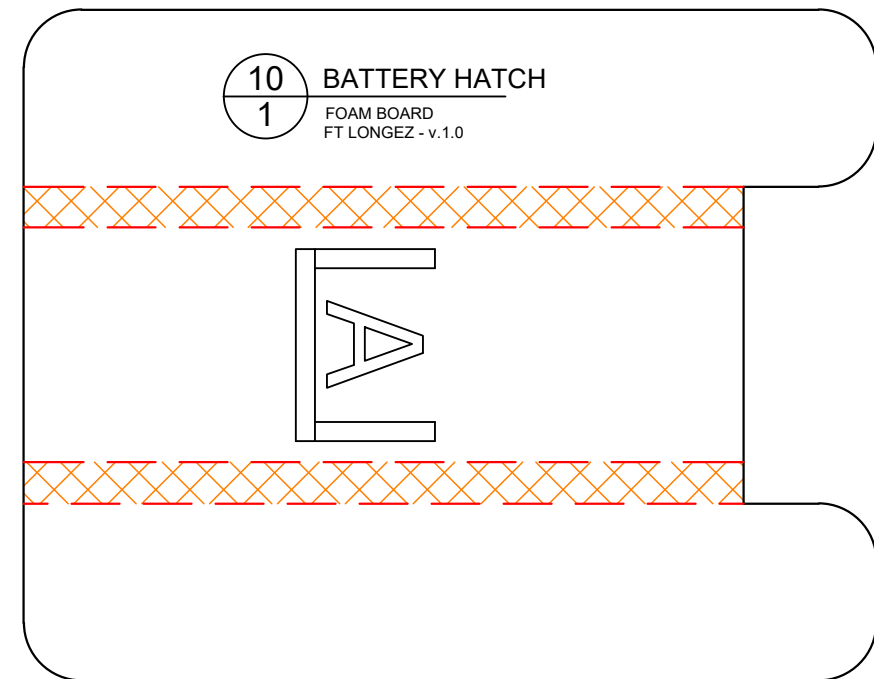
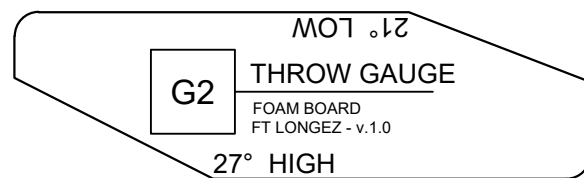
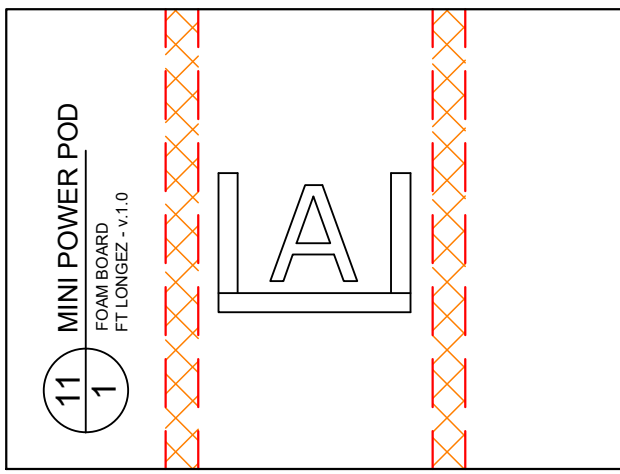
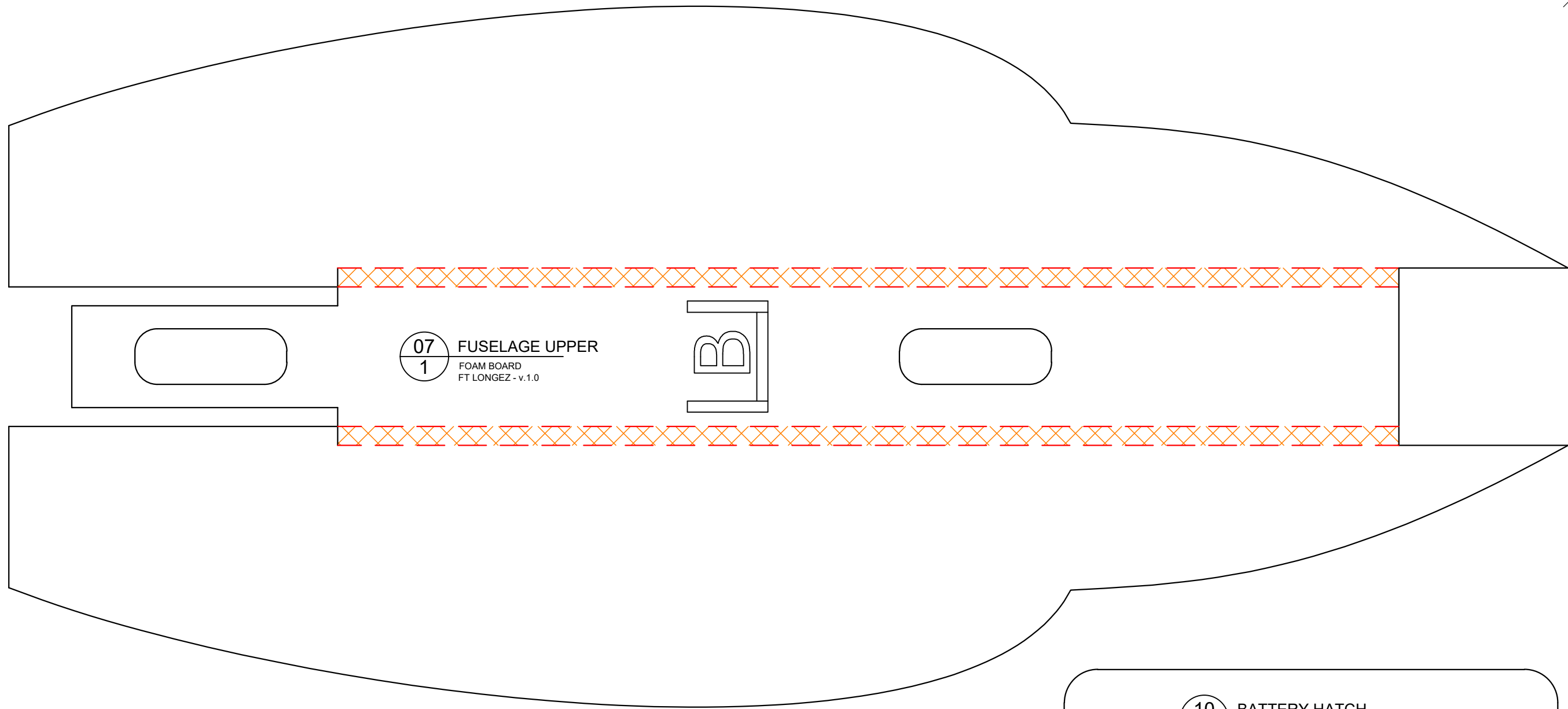
CG FOR GLIDER

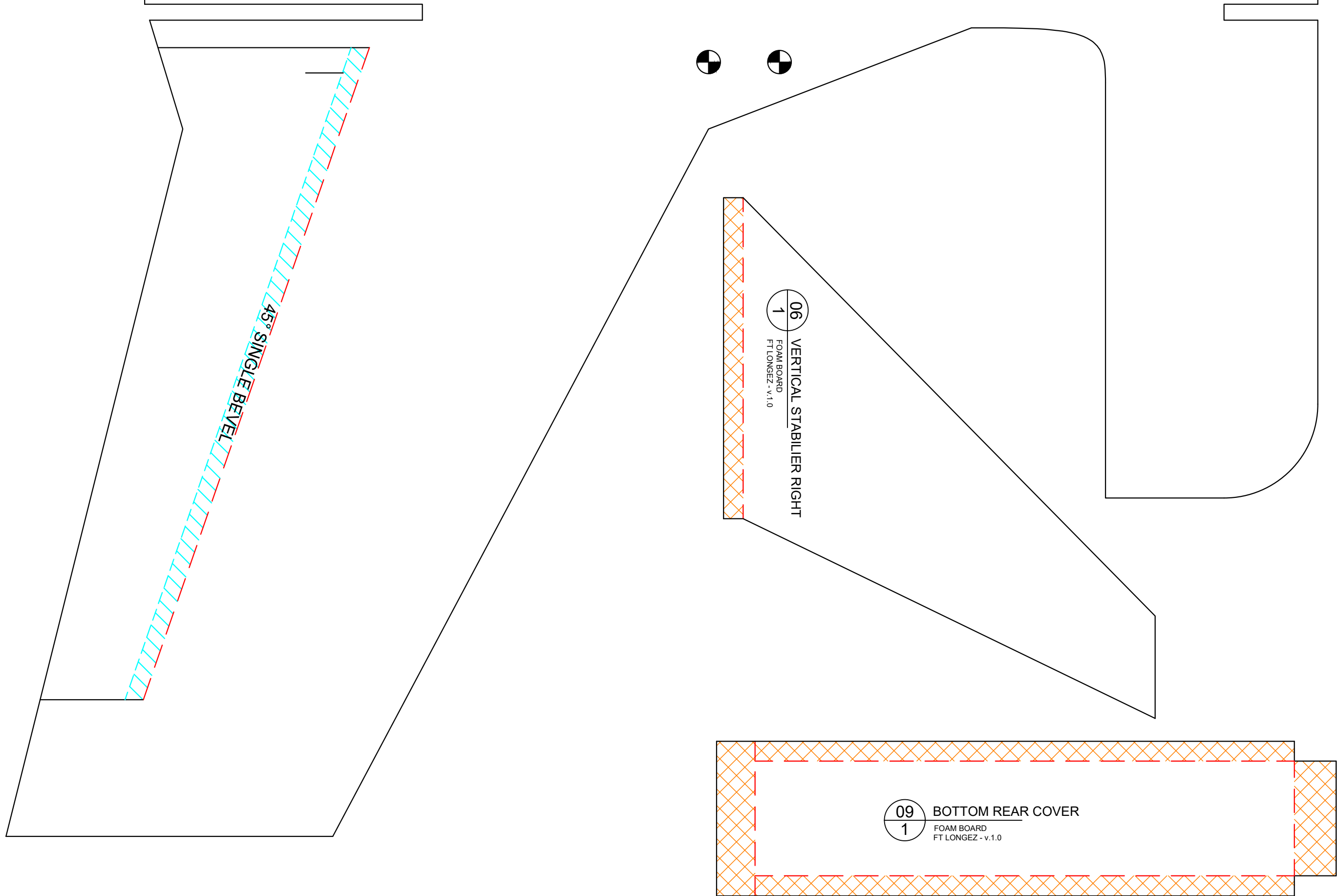
CG FOR RC MODEL

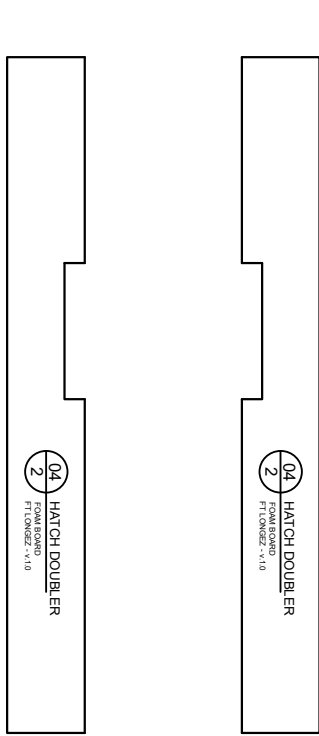
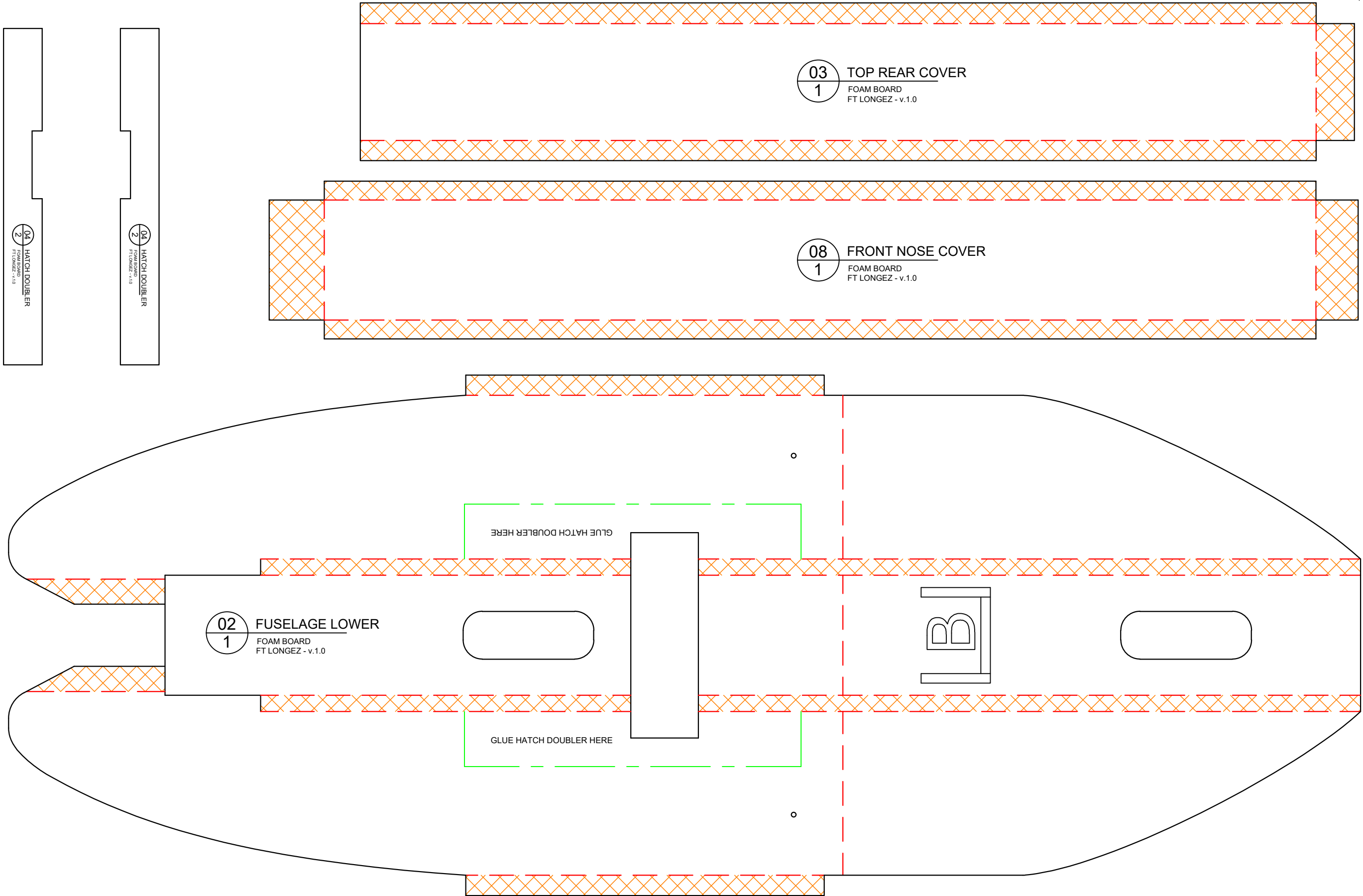
01
1 WING & CANARD
FOAM BOARD
FT LONGEZ - v.1.0

05
1 VERTICAL STABILIZER LEFT
FOAM BOARD
FT LONGEZ - v.1.0

G1 REFLEX GAUGE
FOAM BOARD
FT LONGEZ - v.1.0







03 TOP REAR COVER
FOAM BOARD
FT LONGEZ - v.1.0

08 FRONT NOSE COVER
FOAM BOARD
FT LONGEZ - v.1.0

02 FUSELAGE LOWER
FOAM BOARD
FT LONGEZ - v.1.0

