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AP Argus

Version 1.1 (2020-01-31)

Design & Drawing by: Tony Roehling



GENERAL SPECIFICATIONS

WINGSPAN:	1100 mm		43.31 in
LENGTH:	810 mm		31.89 in
CG	40 mm		1.57 in
DRY WEIGHT:	502 g		17.71 oz
ALL UP WEIGHT:	667 g		23.53 oz (with 1600 mAh 4s)
WING LOADING:	28.9 g/dm ²		9.5 oz/ft ²
WCL:	6		
EXPO:	30 %		
CHANNELS:	4 (THR AIL ELV RUD)		



RECOMMENDED SETUP

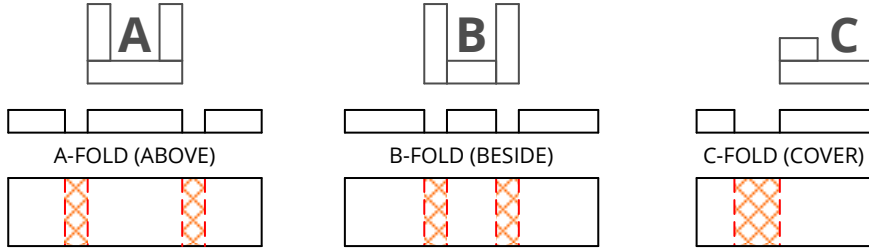
MOTOR:	935 kv (2212)
PROPELLER:	8 x 4
ESC:	30 A
SERVOS:	4 x 9 g
BATTERY:	1600 mAh 4s (Turnigy nano-tech)



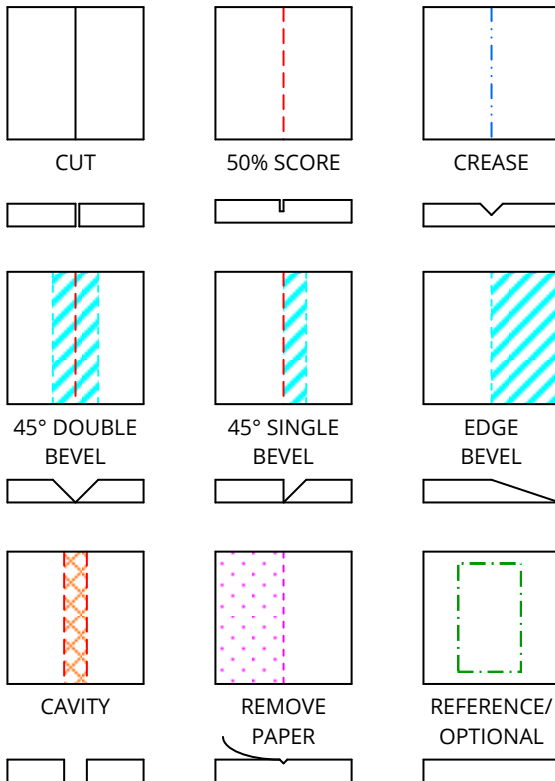
DRAWING KEY

... based on the Flite Test Drawing Key created by Dan Sponholz

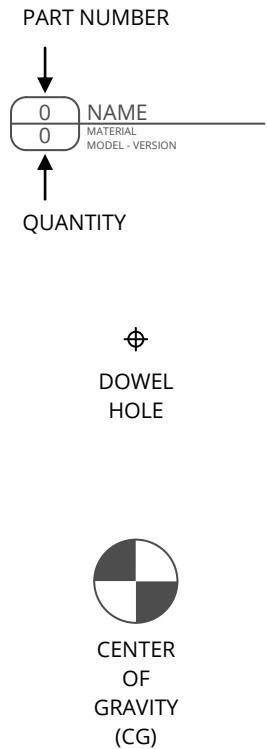
FOLD TYPES



LINE TYPE/COLOR



SYMBOLS



AP Argus - PARTS LIST

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PART NR.	DESCRIPTION	QUANTITY	MATERIAL	SHEET
G1	90° TRIANGLE	1	FOAM BOARD	1
1	FRONT FUSELAGE	1	FOAM BOARD	1
2	WING SPAR FRAME	1	FOAM BOARD	1
3	POWER POD SPACER	2	FOAM BOARD	1
4	POWER POD PLATE	1	FOAM BOARD	1
5	FORMER A	1	FOAM BOARD	1
6	LOWER NOSE	1	FOAM BOARD	1
7	AIR INTAKE	1	FOAM BOARD	1
8	MOTOR COWLING	1	FOAM BOARD	1
9	REAR FUSELAGE	1	FOAM BOARD	1
10	FORMER B	1	FOAM BOARD	1
11	FORMER C	1	FOAM BOARD	1
12	WING SPACER	2	FOAM BOARD	1
13	LEFT WING PANEL	1	FOAM BOARD	2
14	RIGHT WING PANEL	1	FOAM BOARD	3
15	FRONT WING SPAR	4	FOAM BOARD	4
16	REAR WING SPAR	4	FOAM BOARD	4
17	WING SHEETING	2	FOAM BOARD	4
18	CENTER WING SPAR	4	FOAM BOARD	4
19	WING SPAR REINFORCEMENT	4	BBQ SKEWER	NF1
20	HORIZONTAL STABILIZER	1	FOAM BOARD	2
21	H-STAB REINFORCEMENT	1	BBQ SKEWER	NF1
22	ELEVATOR COMBINER	1	STEEL WIRE	NF2
23	VERTICAL STABILIZER	1	FOAM BOARD	1
24	LEFT SHEETING	1	FOAM BOARD	1
25	RIGHT SHEETING	1	FOAM BOARD	1
26	BATTERY HATCH	1	FOAM BOARD	1
27	FRONT HATCH FORMER	1	FOAM BOARD	1
28	REAR HATCH FORMER	1	FOAM BOARD	1
29	CANOPY	1	FOAM BOARD	1
30	HATCH MOUNT	2	FOAM BOARD	1
31	HATCH MOUNT PIN	1	BBQ SKEWER	NF1
32	WHEEL	4	FOAM BOARD OR PRINTED	3
33	WHEEL SUPPORT DISC	8	PLASTIC CARD OR PRINTED	NF2
34	LEFT WHEEL SHEETING	2	FOAM BOARD	3
35	RIGHT WHEEL SHEETING	2	FOAM BOARD	3
36...."	LANDING GEAR LEG (CHOOSE FOR PROPELLER SIZE: 7", 8", 9")	2	FOAM BOARD	3
37...."	LEG REINFORCEMENT (CHOOSE FOR PROPELLER SIZE: 7", 8", 9")	6	BBQ SKEWER	NF1
38	SPACER	2	FOAM BOARD	3
39	REAR WHEEL SHEETING	2	FOAM BOARD	3
40	FRONT WHEEL SHEETING	2	FOAM BOARD	3
41	WHEEL MOUNT PIN	2	TOOTH PICKER	NF1
42	SKID	1	FOAM BOARD	3
43	SKID REINFORCEMENT	1	BBQ SKEWER	NF1
44	CONTROL HORN	4	PLASTIC CARD OR PRINTED	NF2
45	MINI POWER POD	1	FOAM BOARD	4
46	MINI FIREWALL	1	PLYWOOD OR PRINTED	NF2
47	POWER POD MOUNT PIN	2	BBQ SKEWER	NF1

Take a look at the BUILD GUIDE. It is available in a separate file!

AP ARGUS - SHEET NF1

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BBQ SKEWER & TOOTH PICKER



19
4
WING SPAR REINFORCEMENT
BBQ SKEWER
AP ARGUS - VERSION 1.1



21
1
H-STAB REINFORCEMENT
BBQ SKEWER
AP ARGUS - VERSION 1.1



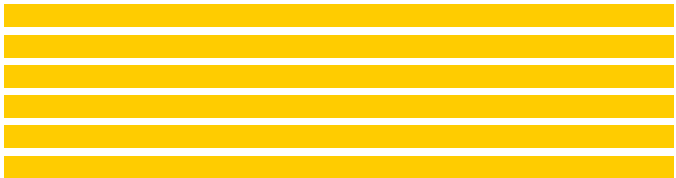
31
1
HATCH MOUNT PIN
BBQ SKEWER
AP ARGUS - VERSION 1.1



37.7"
6
LEG REINFORCEMENT (7" Propeller)
BBQ SKEWER
AP ARGUS - VERSION 1.1



37.8"
6
LEG REINFORCEMENT (8" Propeller)
BBQ SKEWER
AP ARGUS - VERSION 1.1



37.9"
6
LEG REINFORCEMENT (9" Propeller)
BBQ SKEWER
AP ARGUS - VERSION 1.1



41
2
WHEEL MOUNT PIN
TOOTH PICKER
AP ARGUS - VERSION 1.1



43
1
SKID REINFORCEMENT
BBQ SKEWER
AP ARGUS - VERSION 1.1



47
2
POWER POD MOUNT PIN
BBQ SKEWER
AP ARGUS - VERSION 1.1

AP ARGUS - SHEET NF2

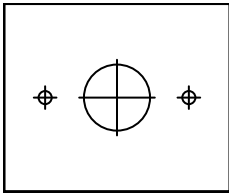
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STEEL WIRE



22 ELEVATOR COMBINER
1 STEEL WIRE (Ø min. 1mm)
AP ARGUS - VERSION 1.1

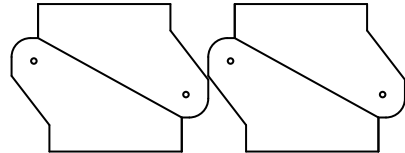
PLYWOOD OR PRINTED



46 MINI FIREWALL
1 PLYWOOD
AP ARGUS - VERSION 1.1

Cut out the Mini Firewall from plywood or use the Flite Test Mighty Mini Firewall (Part# FLT-2033) or print one.

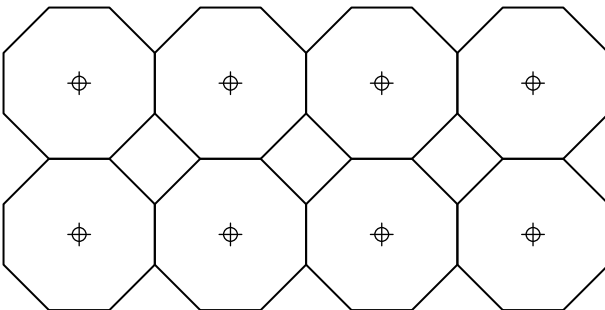
PLASTIC CARD OR PLYWOOD OR PRINTED



44 CONTROL HORN
4 PLASTIC CARD
AP ARGUS - VERSION 1.1

Cut out the control horns from a plastic card or plywood or use the Flite Test Mighty Mini Control Horns (Part# FLT-2034) or print them.

PLASTIC CARD OR PRINTED

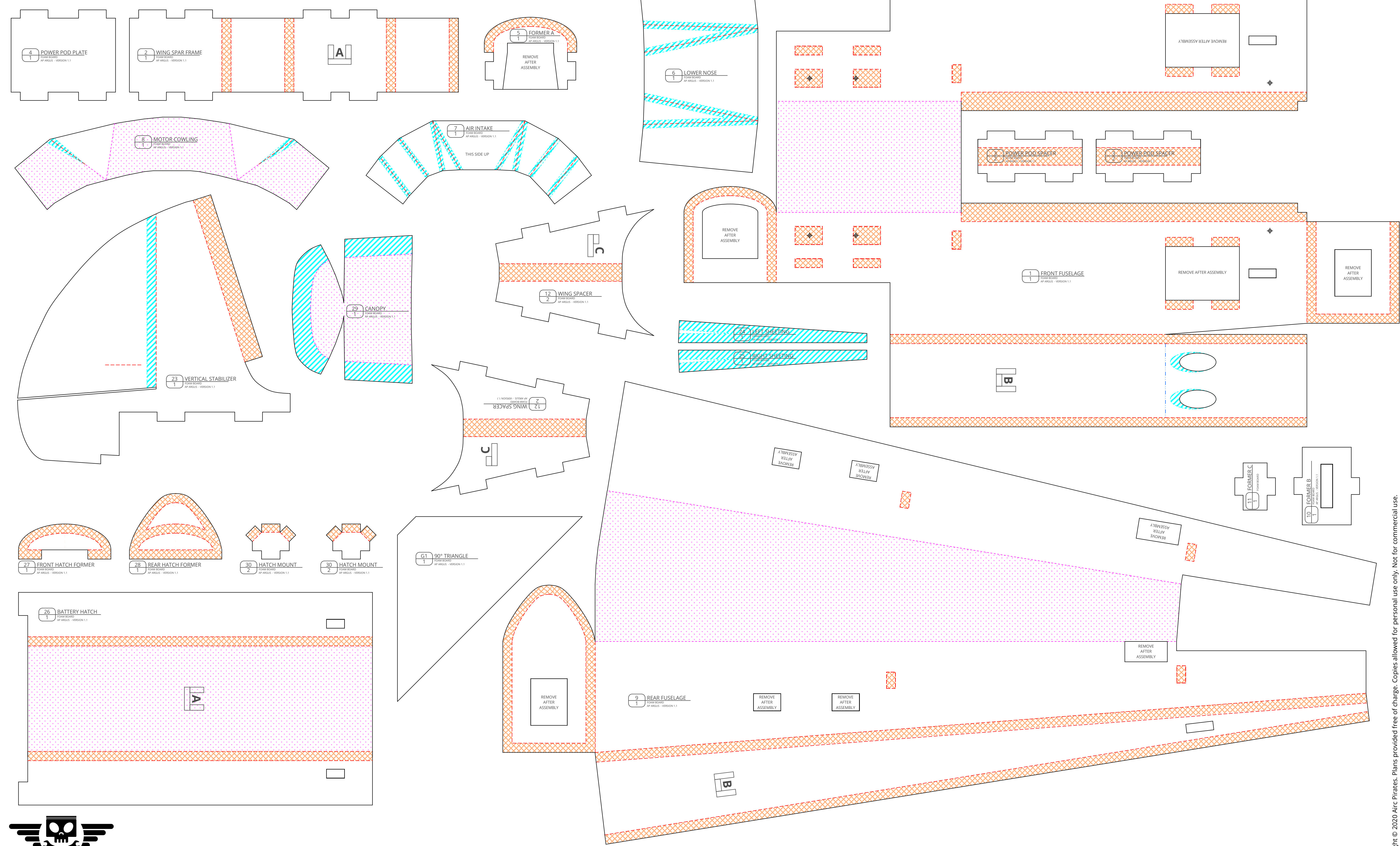


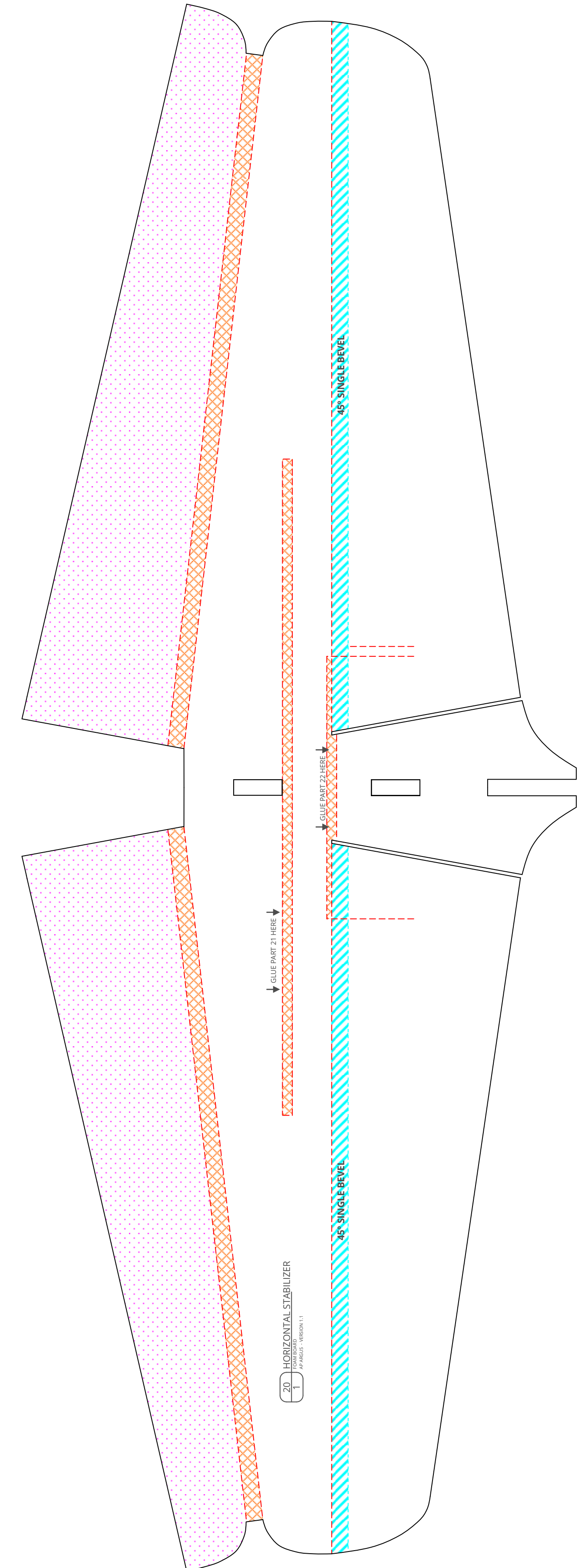
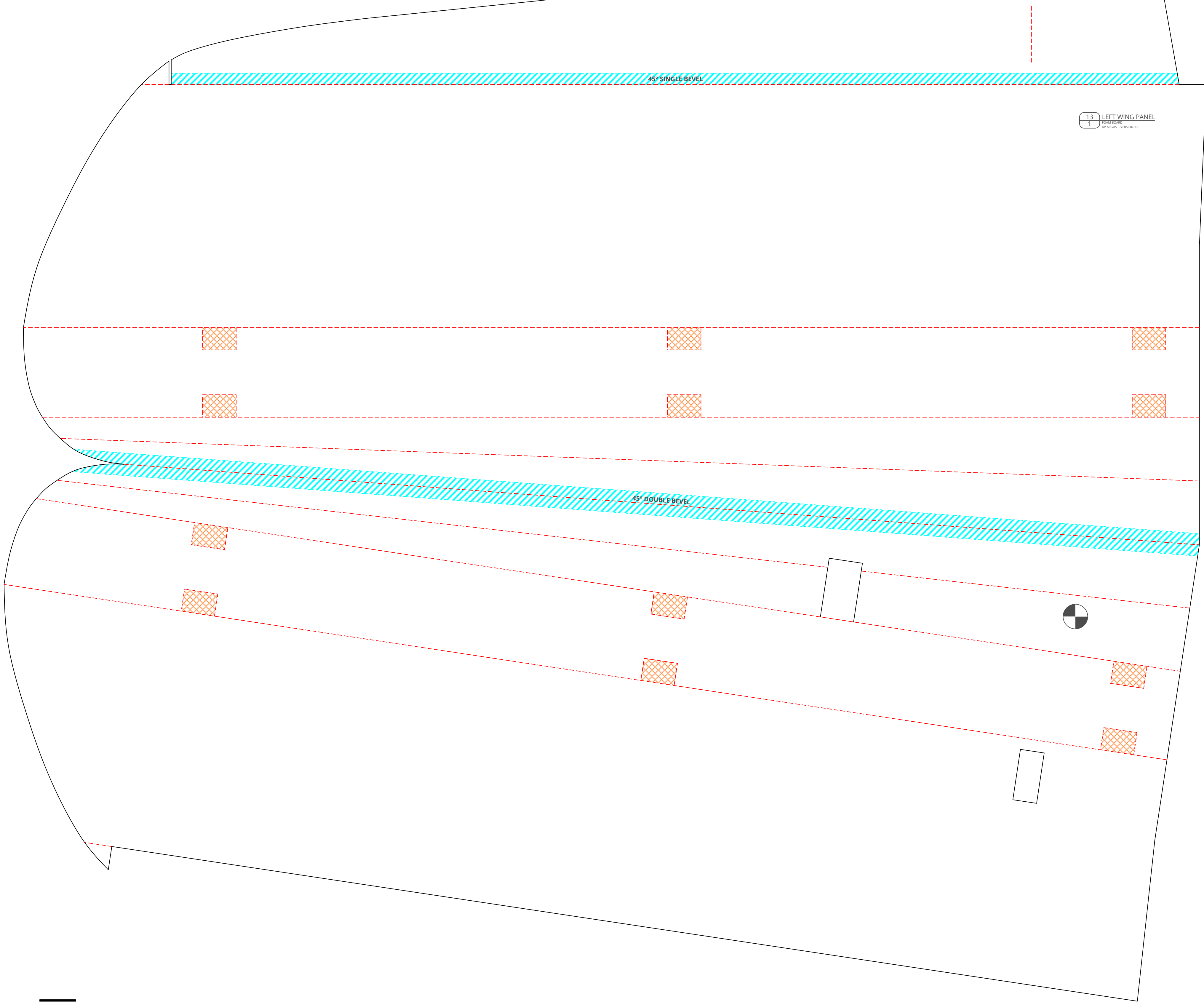
33 WHEEL SUPPORT DISC
8 PLASTIC CARD
AP ARGUS - VERSION 1.1

Cut out the wheel support discs from a plastic card or print them. If you use printed or purchased wheels, you only need 4 wheel support discs for the wheel shoe.



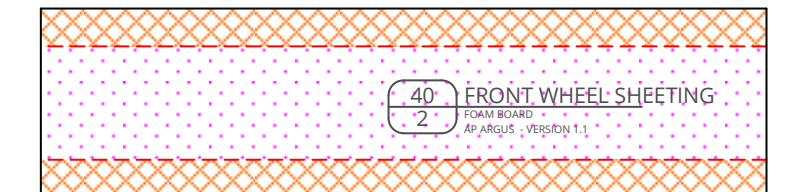
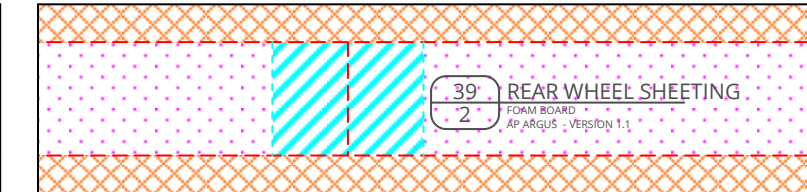
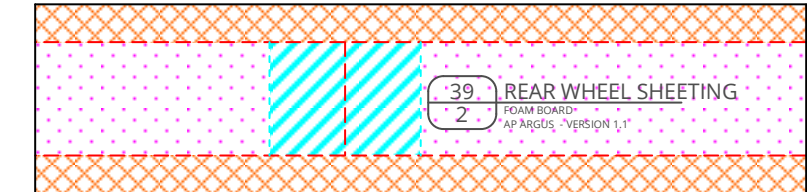
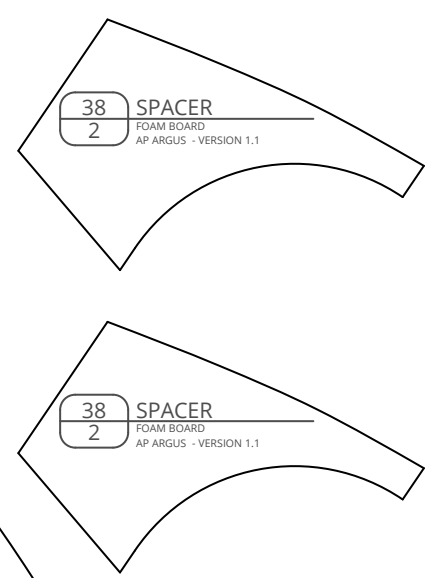
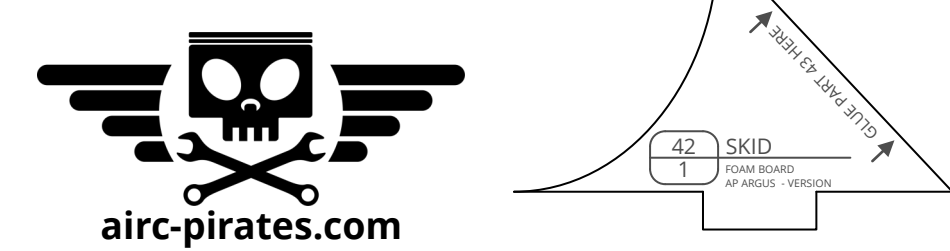
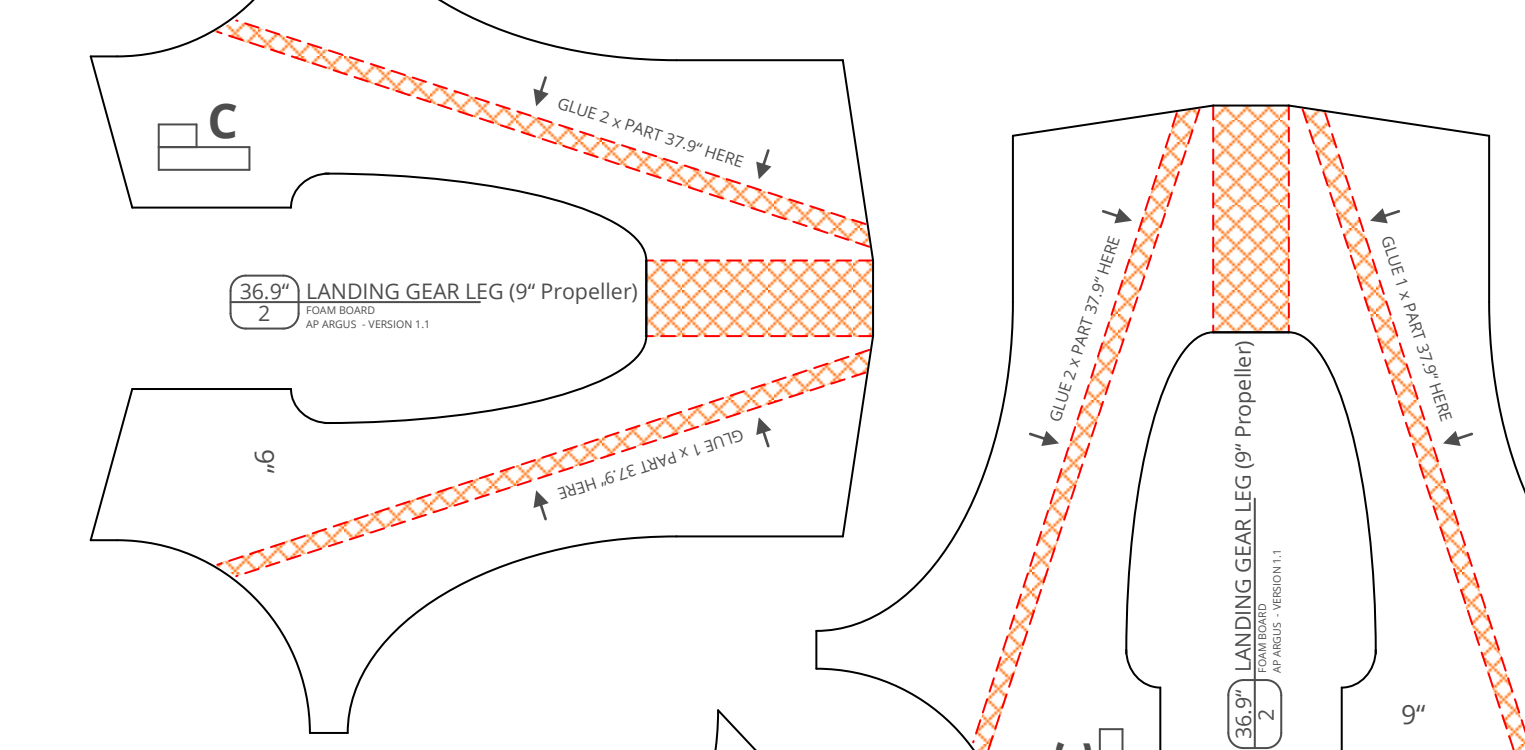
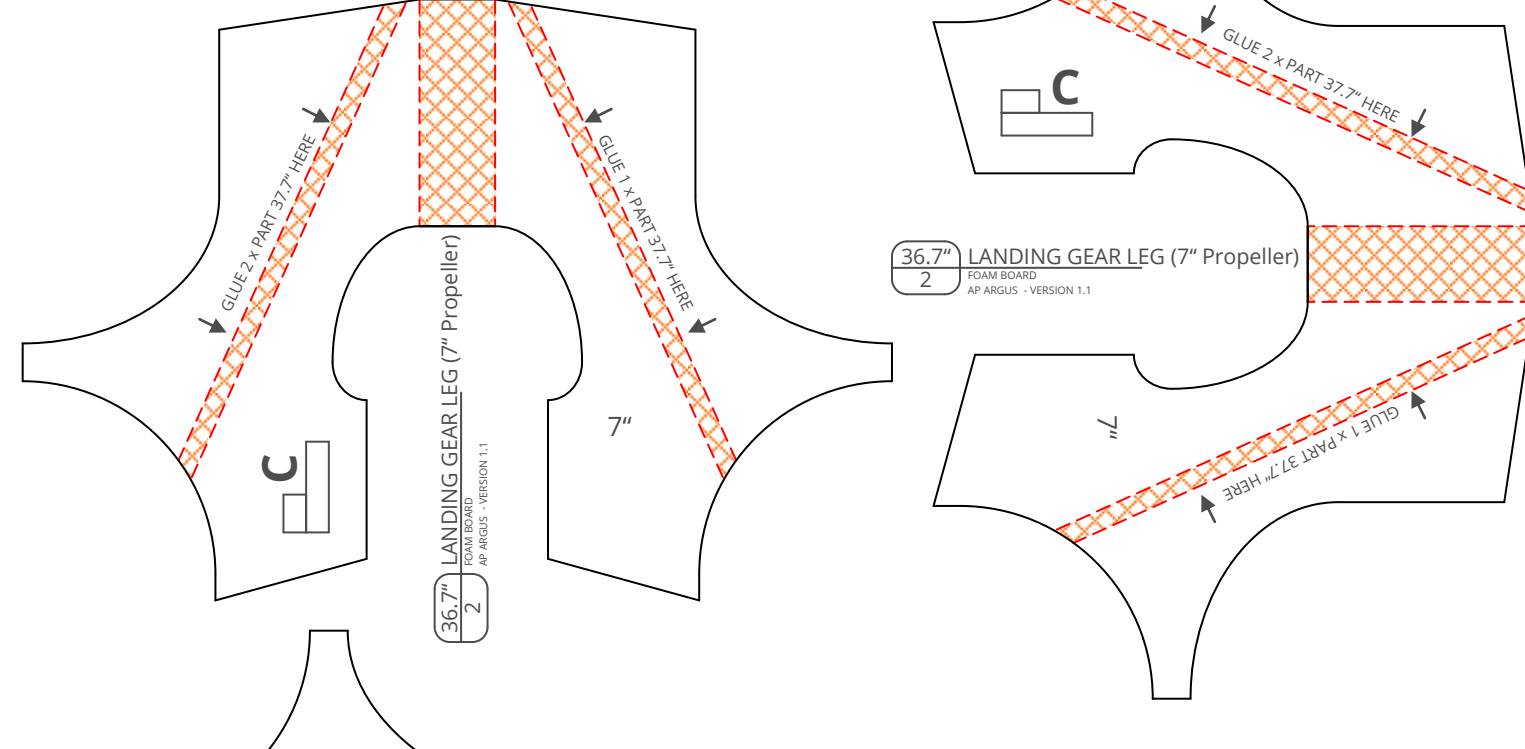
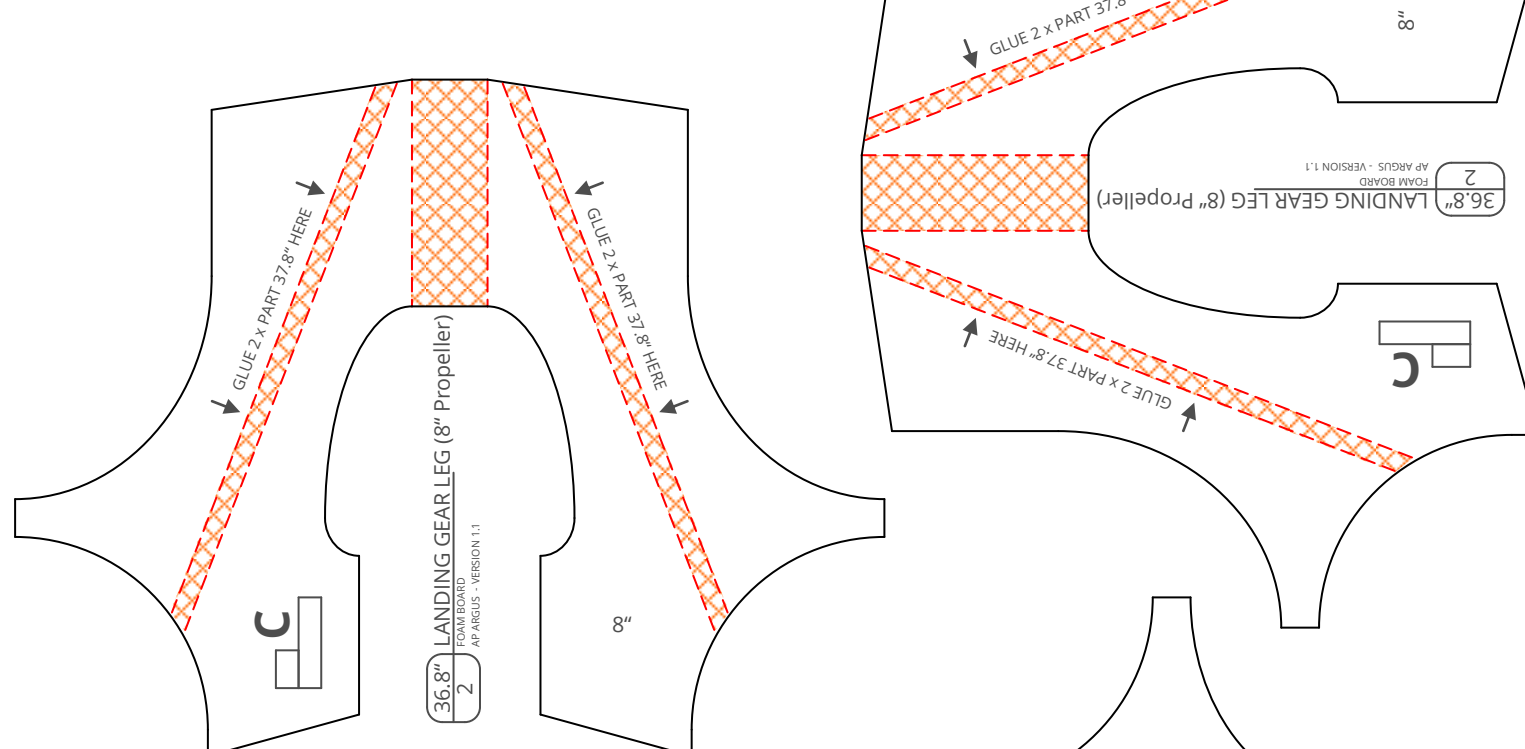
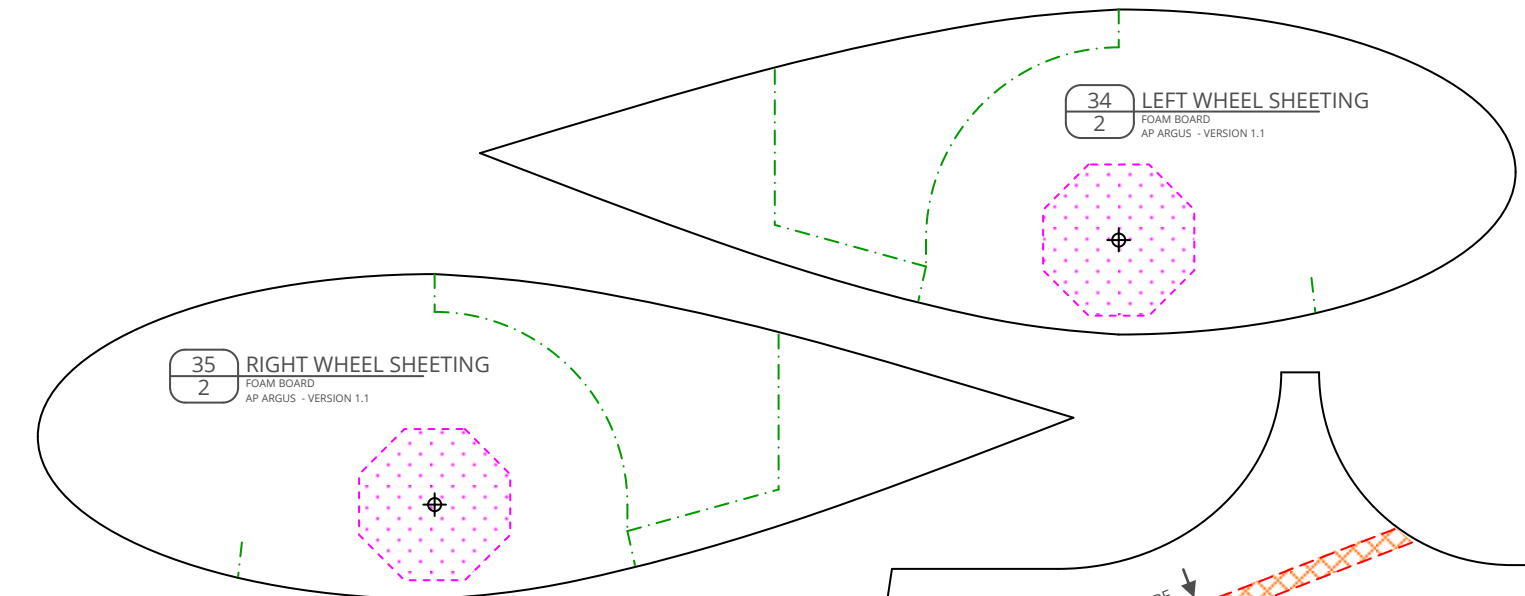
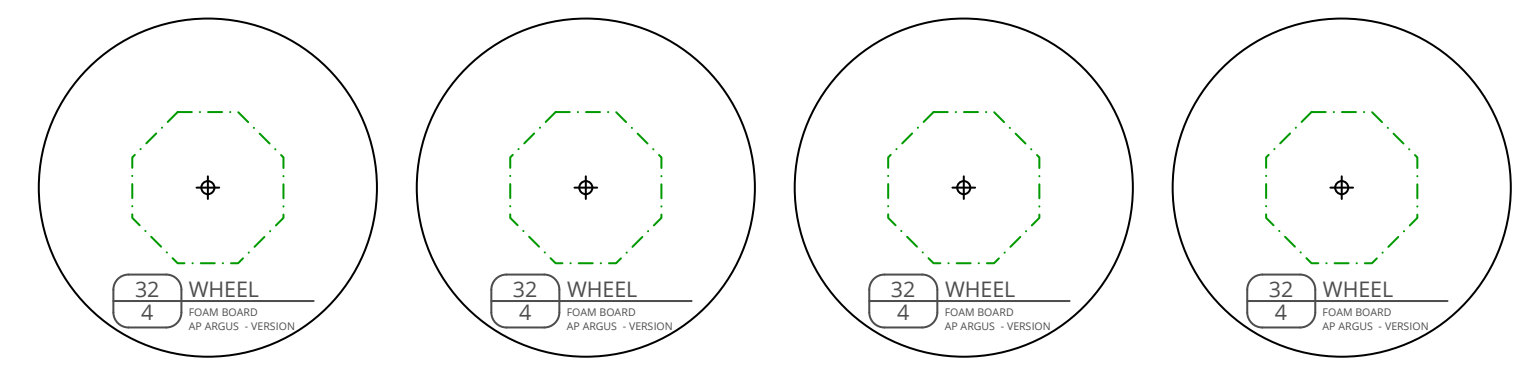
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