



airc-pirates.com

AP Super Tucano

Version 0.4 (2018-11-23)

Design & Drawing by: Tony Roehling



BETA

GENERAL SPECIFICATIONS

WINGSPAN: 800 mm | 31.50 in
CG: 45 mm | 1.77 in
LENGTH: 680 mm | 26.77 in
DRY WEIGHT: 304 g | 10.72 oz (TYPE S)
ALL UP WEIGHT: 390 g | 13.76 oz (TYPE S)
EXPO: 30 %
CHANNELS: 4 (THR | AIL | ELV | RUD)

RECOMMENDED SETUPS

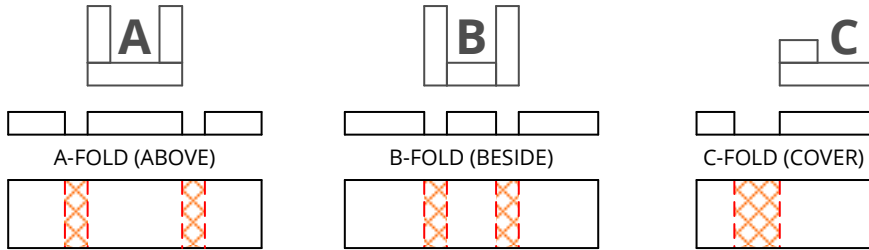
	<u>TYPE S</u>	<u>TYPE R</u>
MOTOR:	2300 kv (2205)	2300 kv (2205)
PROPELLER:	6x4	6x4
ESC:	20A	30 A
SERVOS:	4 x 5 g	4 x 9 g
BATTERY:	1000 mAh 3s	1300 mAh 4s



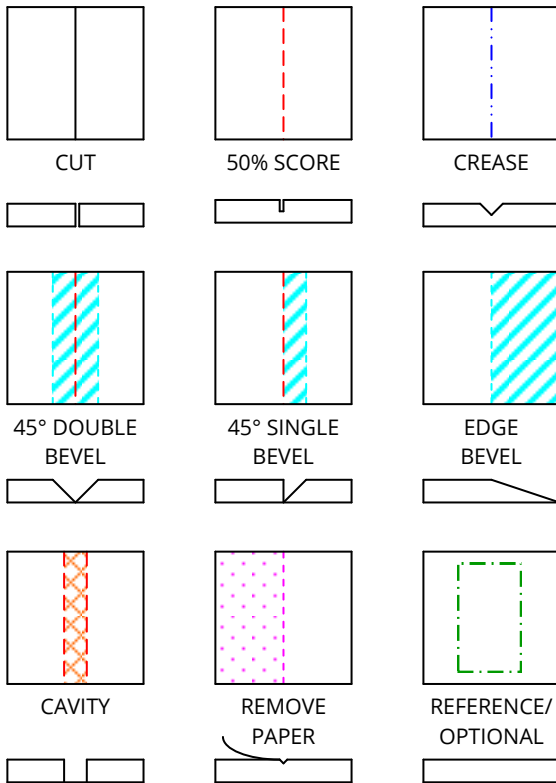
DRAWING KEY

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

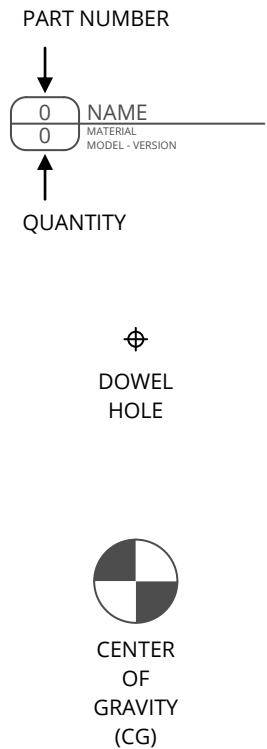
FOLD TYPES



LINE TYPE/COLOR



SYMBOLS



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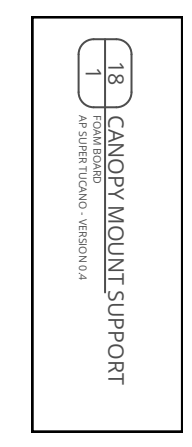
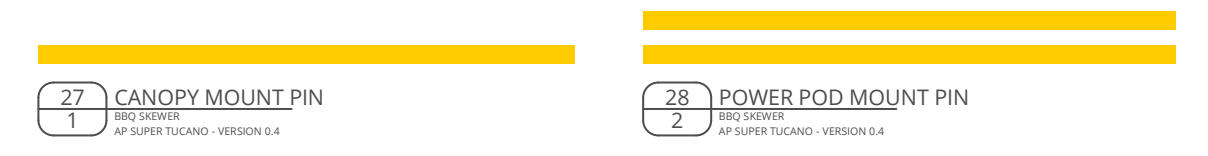
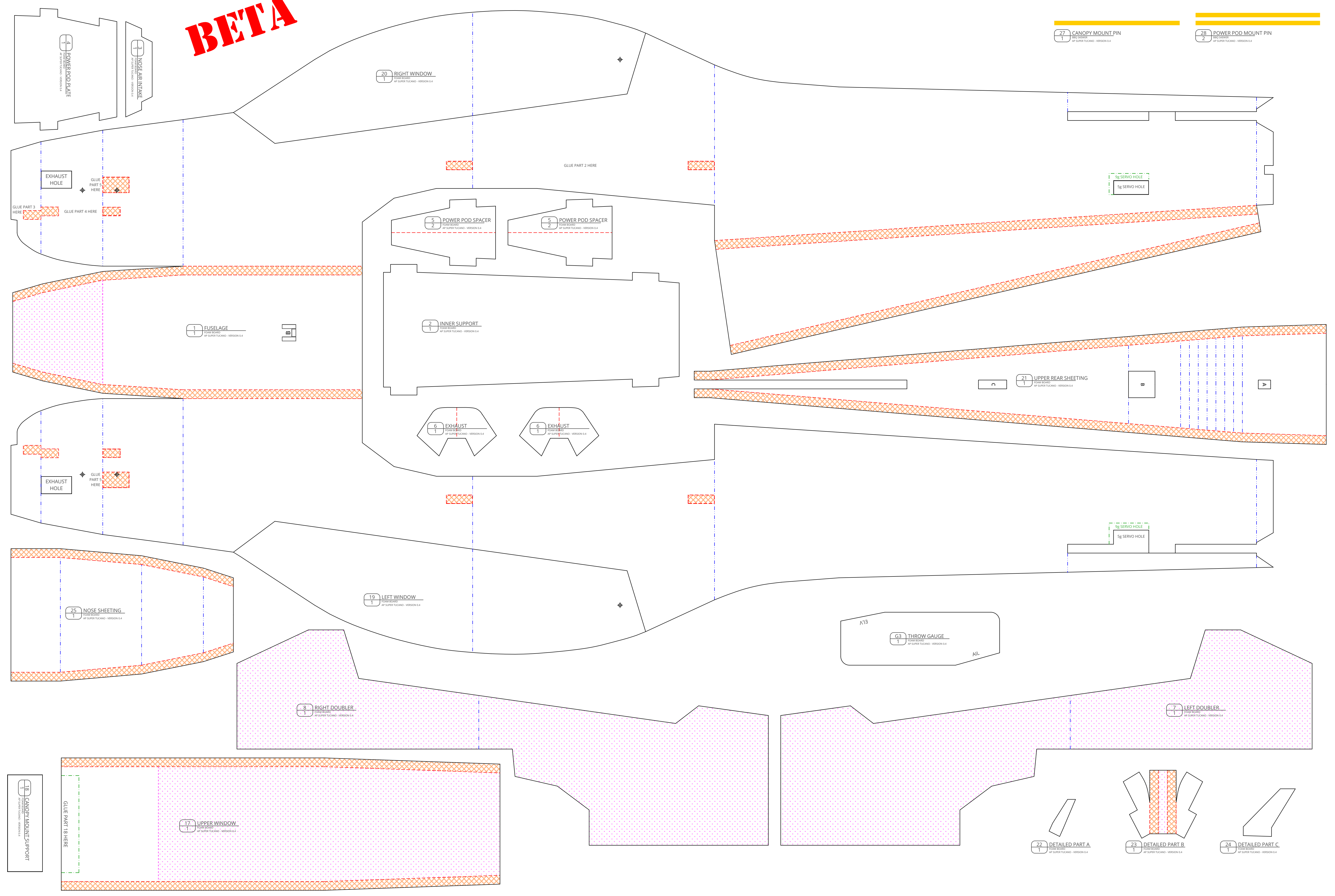
PARTS LIST

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PART NR.	DESCRIPTION	QUANTITY	MATERIAL	SHEET
G1	90° TRIANGLE	1	FOAM BOARD	2
G2	DIHEDRAL GAUGE	1	FOAM BOARD	2
G3	THROW GAUGE	1	FOAM BOARD	1
1	FUSELAGE	1	FOAM BOARD	1
2	INNER SUPPORT	1	FOAM BOARD	1
3	NOSE AIR INTAKE	1	FOAM BOARD	1
4	POWER POD PLATE	1	FOAM BOARD	1
5	POWER POD SPACER	2	FOAM BOARD	1
6	EXHAUST	2	FOAM BOARD	1
7	LEFT DOUBLER	1	FOAM BOARD	1
8	RIGHT DOUBLER	1	FOAM BOARD	1
9	LEFT WING	1	FOAM BOARD	2
10	RIGHT WING	1	FOAM BOARD	2
11	FRONT SPAR	2	FOAM BOARD	2
12	REAR SPAR	2	FOAM BOARD	2
13	WING SHEETING	1	FOAM BOARD	2
14	ELEVATOR COMBINER	1	STEEL WIRE (Ø 1mm)	2
15	HORIZONTAL STABILIZER	1	FOAM BOARD	2
16	VERTICAL STABILIZER	1	FOAM BOARD	2
17	UPPER WINDOW	1	FOAM BOARD	1
18	CANOPY MOUNT SUPPORT	1	FOAM BOARD	1
19	LEFT WINDOW	1	FOAM BOARD	1
20	RIGHT WINDOW	1	FOAM BOARD	1
21	UPPER REAR SHEETING	1	FOAM BOARD	1
22	DETAILED PART A	1	FOAM BOARD	1
23	DETAILED PART B	1	FOAM BOARD	1
24	DETAILED PART C	1	FOAM BOARD	1
25	NOSE SHEETING	1	FOAM BOARD	1
26	CONTROL HORN	4	PLASTIC CARD	2
27	CANOPY MOUNT PIN	1	BBQ SKEWER	1
28	POWER POD MOUNT PIN	2	BBQ SKEWER	1
FT1	FT MINI POWER POD	1	FOAM BOARD	2
FT2	FT MINI FIREWALL	1	PLYWOOD	2
	OTHER MATERIALS			
	STEEL WIRE (Ø 1mm) FOR THE LINKAGE RODS			
	SERVO EXTENSIONS: 2 x 150mm, 2 x 300mm			
	VELCRO TO MOUNT THE BATTERY, ESC, 3 x COFFEE STIRRER, ...			

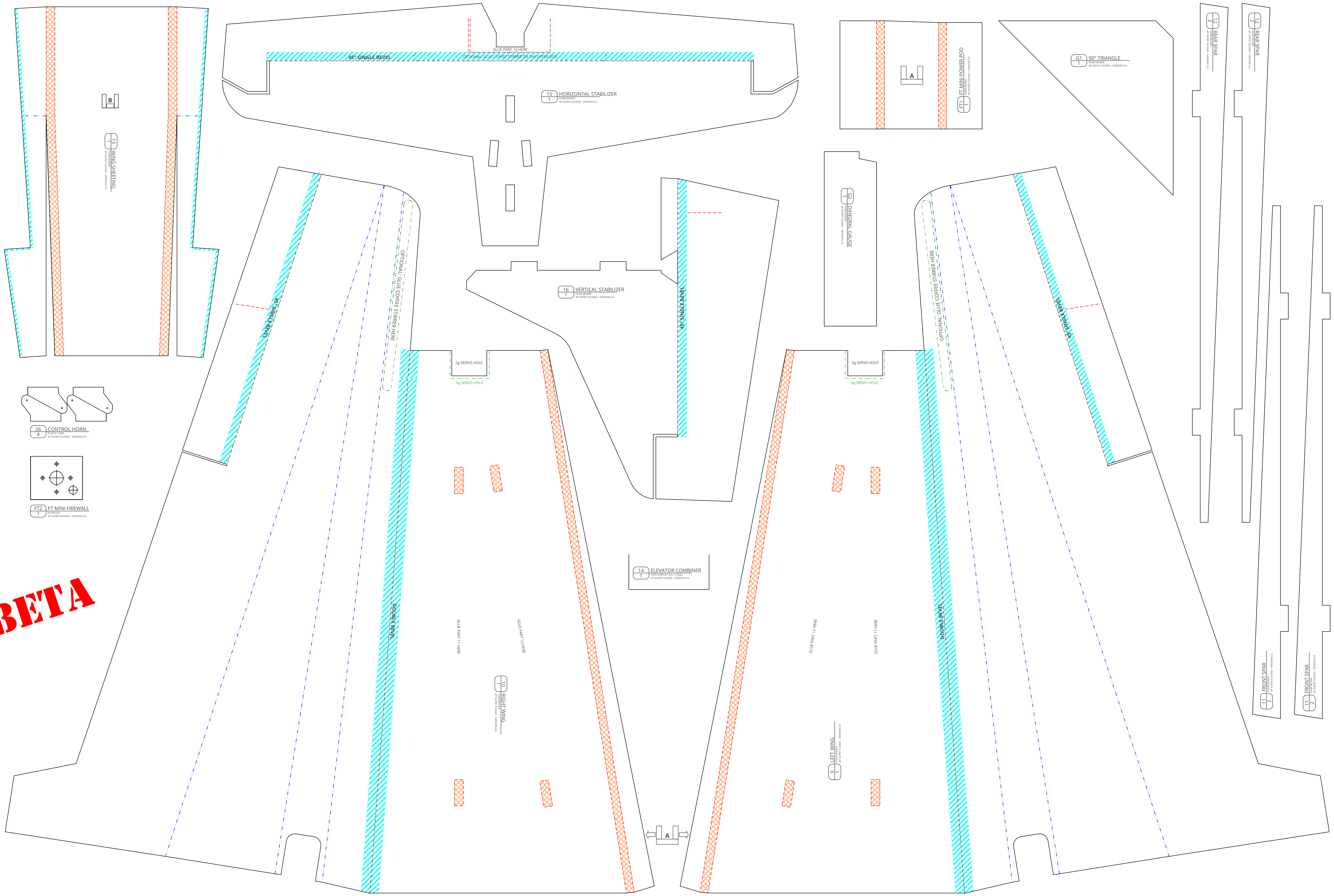
Please build the Super Tucano in the order of the part numbers!

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