

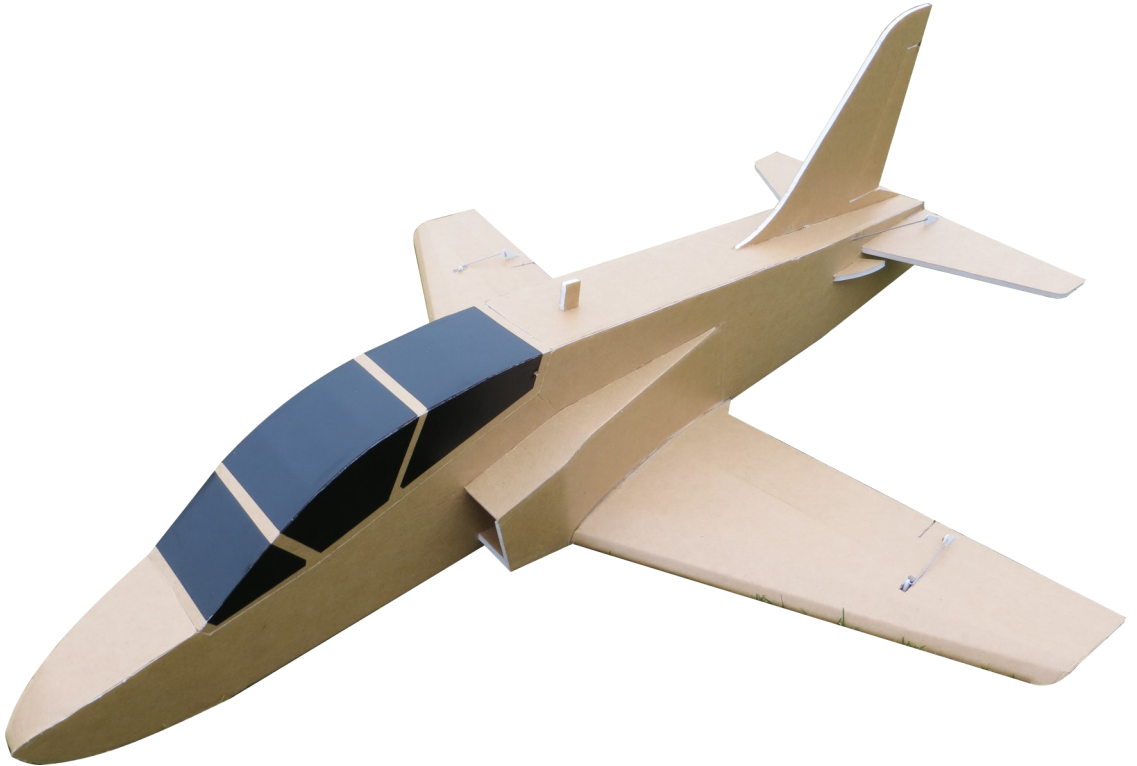


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# AP Goshawk 50 mm EDF

Version 1.1 (2019-06-23)

Design & Drawing by: Tony Roehling



## **GENERAL SPECIFICATIONS**

WINGSPAN: 660 mm | 25.98 in  
CG 28 mm | 1.10 in  
DRY WEIGHT: 369 g | 13.02 oz  
ALL UP WEIGHT: 540 g | 19.05 oz (with 1600 mAh 4s)  
CHANNELS: 4 (THR | AIL | ELV | RUD)

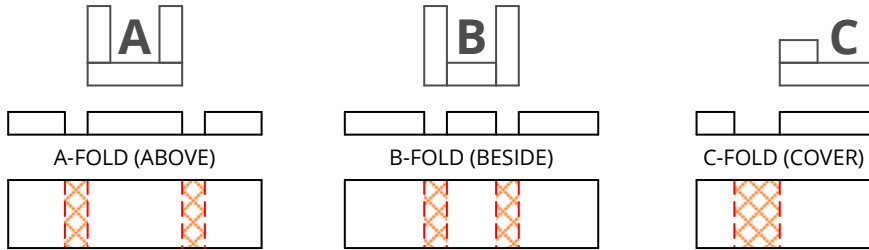
## **RECOMMENDED SETUP**

EDF: 2627 KV4500 (4s | 50 mm | 11 BLADES)  
ESC: 40 A  
SERVOS: 3 x 5 g (AIL | RUD) | 1 x 9g (ELV)  
BATTERY: 1600 mAh 4s

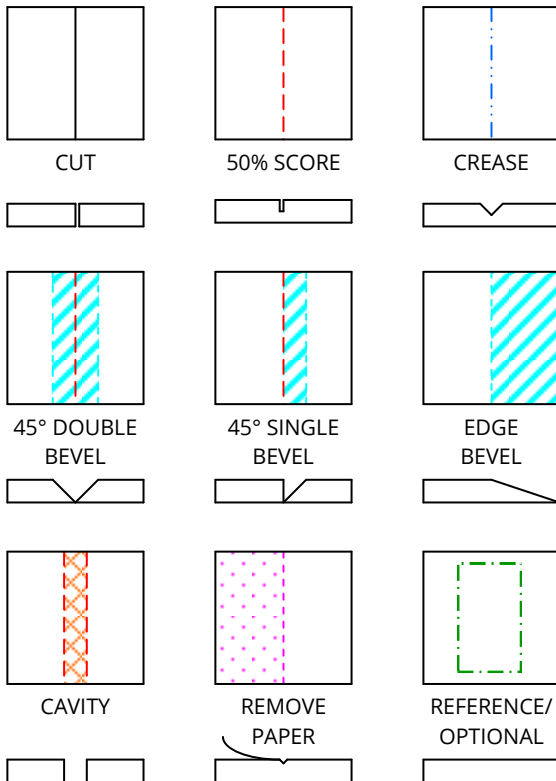
# DRAWING KEY

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

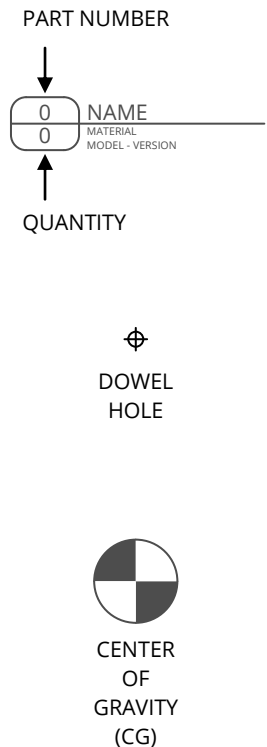
## FOLD TYPES



## LINE TYPE/COLOR



## SYMBOLS



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## PARTS LIST

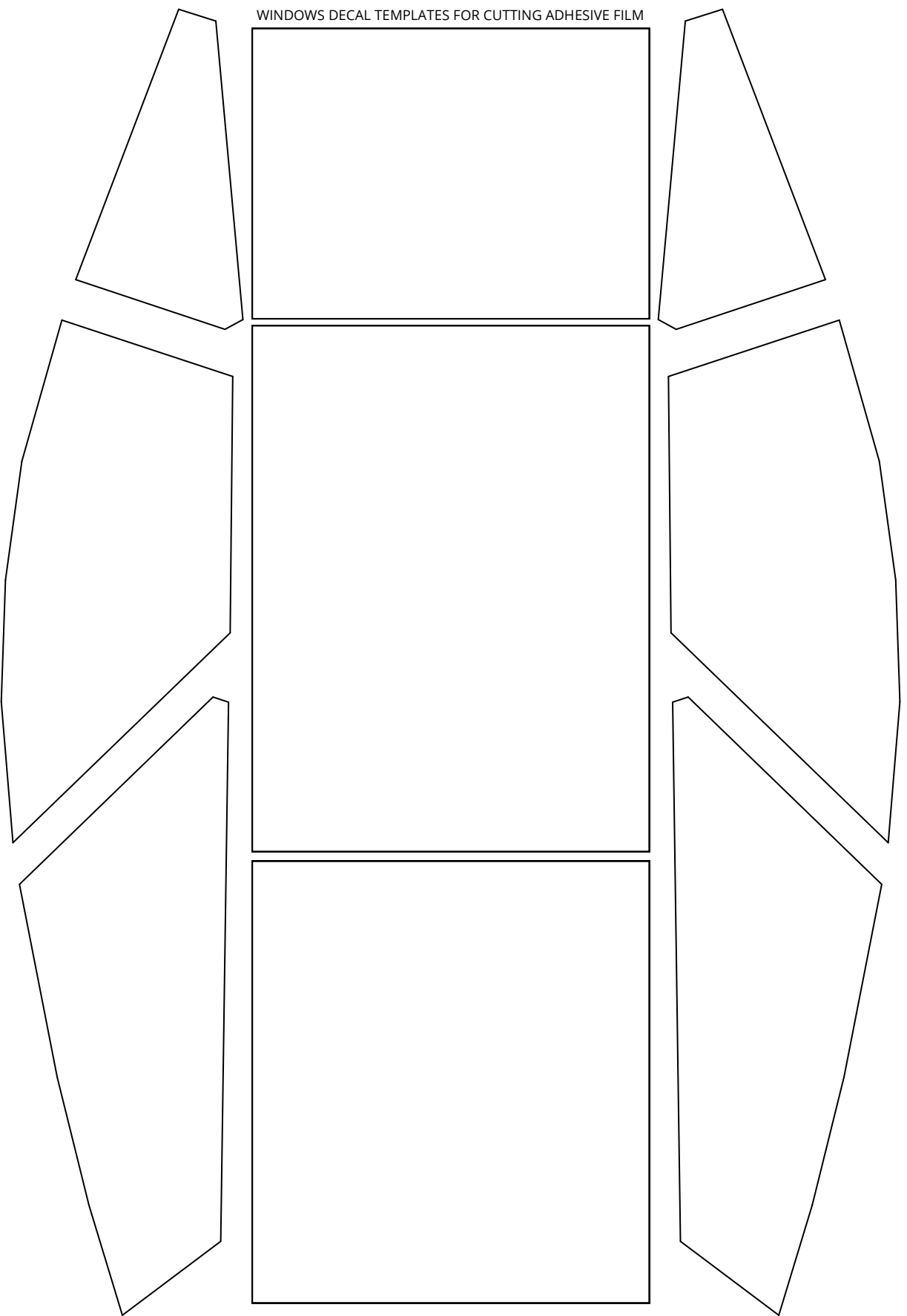
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PART NR.	DESCRIPTION	QUANTITY	MATERIAL	SHEET
G1	90° TRIANGLE	1	FOAM BOARD	1
G2	H-STAB ANGLE GAUGE	1	FOAM BOARD	2
G3	THROW GAUGE	1	FOAM BOARD	1
1	FUSELAGE	1	FOAM BOARD	1
2	INNER SUPPORT	1	FOAM BOARD	1
3	UPPER EDF MOUNT	1	FOAM BOARD	1
4	NOSE SHEETING	2	FOAM BOARD	1
5	RIGHT DOUBLER	1	FOAM BOARD	2
6	LEFT DOUBLER	1	FOAM BOARD	2
7	RIGHT AIR INTAKE	1	FOAM BOARD	2
8	LEFT AIR INTAKE	1	FOAM BOARD	2
9	EDF TUBE	1	PAPER	2
10	LOWER FRONT EDF MOUNT	1	FOAM BOARD	1
11	LOWER REAR EDF MOUNT	1	FOAM BOARD	1
12	LOWER SHEETING	1	FOAM BOARD	1
13	HORIZONTAL STABILIZER	1	FOAM BOARD	2
14	UPPER SHEETING	1	FOAM BOARD	1
15	VERTICAL STABILIZER	1	FOAM BOARD	2
16	TAIL SHEETING	1	FOAM BOARD	1
17	DETAILED PART A	1	FOAM BOARD	1
18	DETAILED PART B	2	FOAM BOARD	1
19	RIGHT WINDOW	1	FOAM BOARD	1
20	LEFT WINDOW	1	FOAM BOARD	1
21	UPPER WINDOW	1	FOAM BOARD	1
22	CANOPY MOUNT SUPPORT	1	FOAM BOARD	1
23	CANOPY MOUNT PIN	1	BBQ SKEWER	1
24	RIGHT WING	1	FOAM BOARD	3
25	LEFT WING	1	FOAM BOARD	3
26	WING SPAR	1	FOAM BOARD	2
27	OUTER WING SPAR	2	FOAM BOARD	2
28	CONTROL HORN	5	PLASTIC CARD	2
29	HOOK FIN	1	FOAM BOARD	1
30	HOOK	1	BBQ SKEWER	1
31	HOOK MOUNT	1	FOAM BOARD	1

**OTHER MATERIALS:** STEEL WIRE (Ø 1mm) FOR THE LINKAGE RODS, VELCRO TO MOUNT THE BATTERY, ESC, ...

**Please build the Goshawk in the order of the part numbers!**

WINDOWS DECAL TEMPLATES FOR CUTTING ADHESIVE FILM



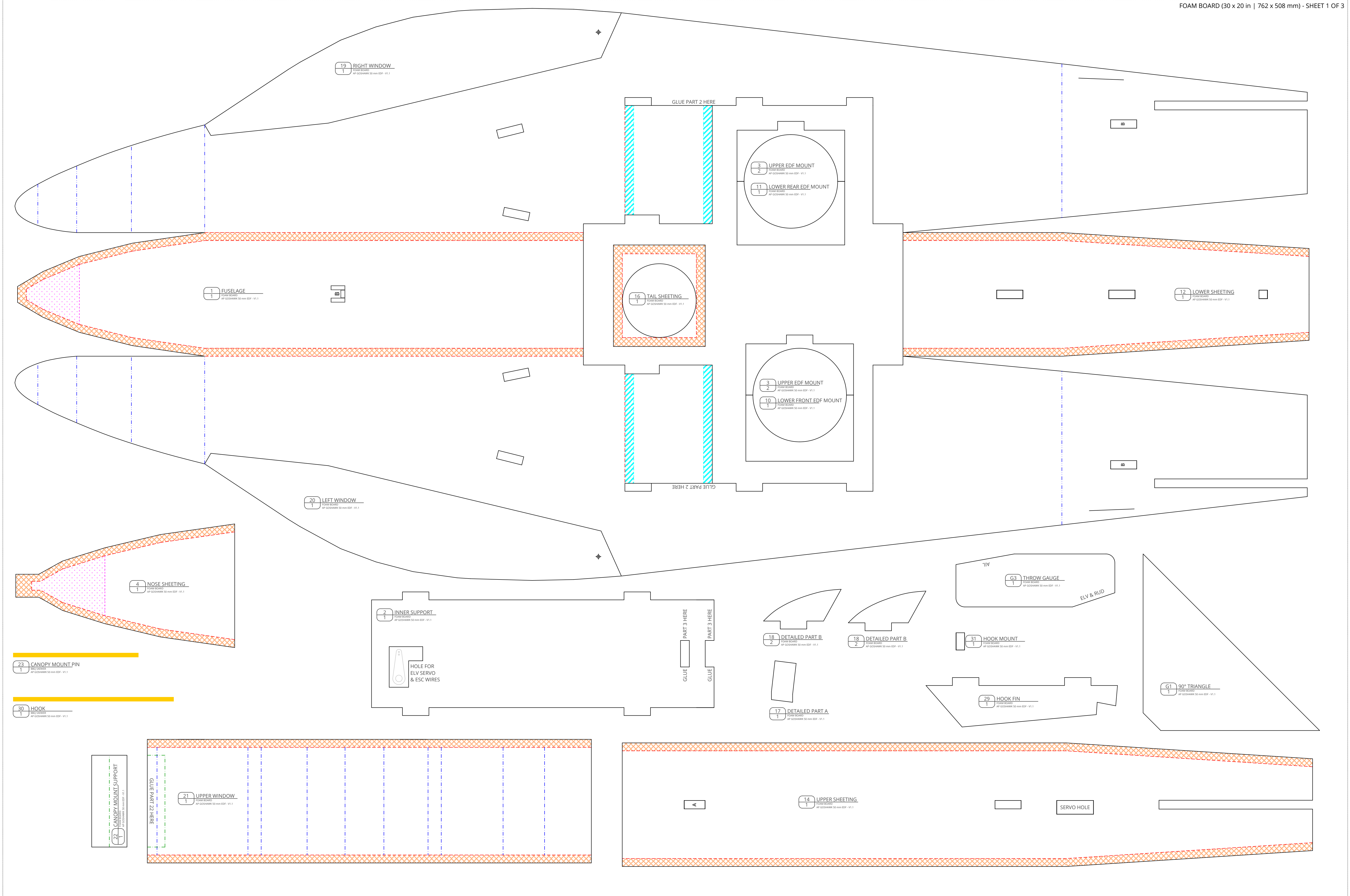
# AP Goshawk 50 mm EDF - VERSION 1.1 (2019-06-23)



in cm

Design & Drawing by: Tony Roehling

FOAM BOARD (30 x 20 in | 762 x 508 mm) - SHEET 1 OF 3



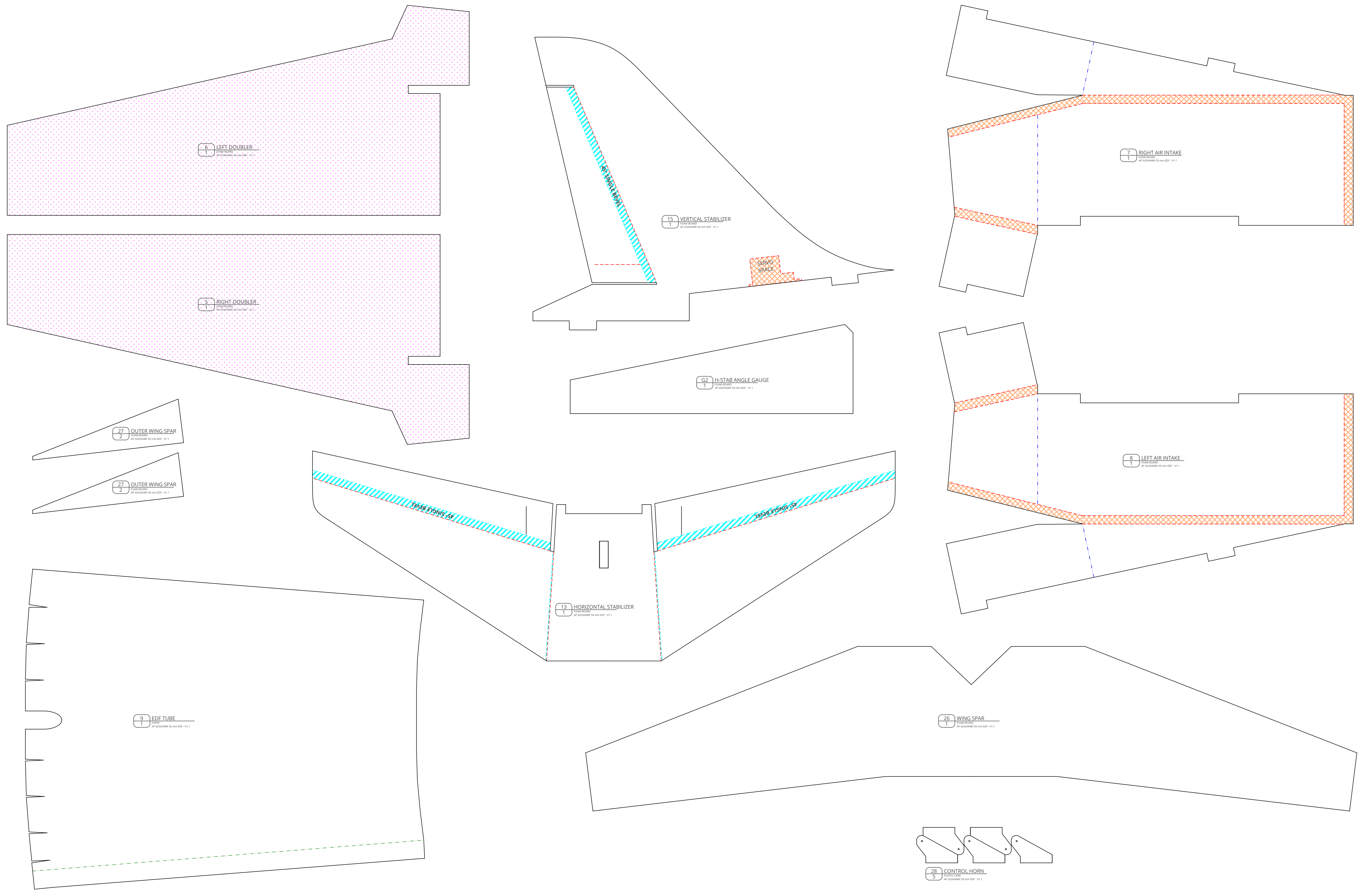
# AP Goshawk 50 mm EDF - VERSION 1.1 (2019-06-23)



in cm

Design & Drawing by: Tony Roehling

FOAM BOARD (30 x 20 in | 762 x 508 mm) - SHEET 2 OF 3



# AP Goshawk 50 mm EDF - VERSION 1.1 (2019-06-23)



Design & Drawing by: Tony Roehling



FOAM BOARD (30 x 20 in | 762 x 508 mm) - SHEET 3 OF 3

