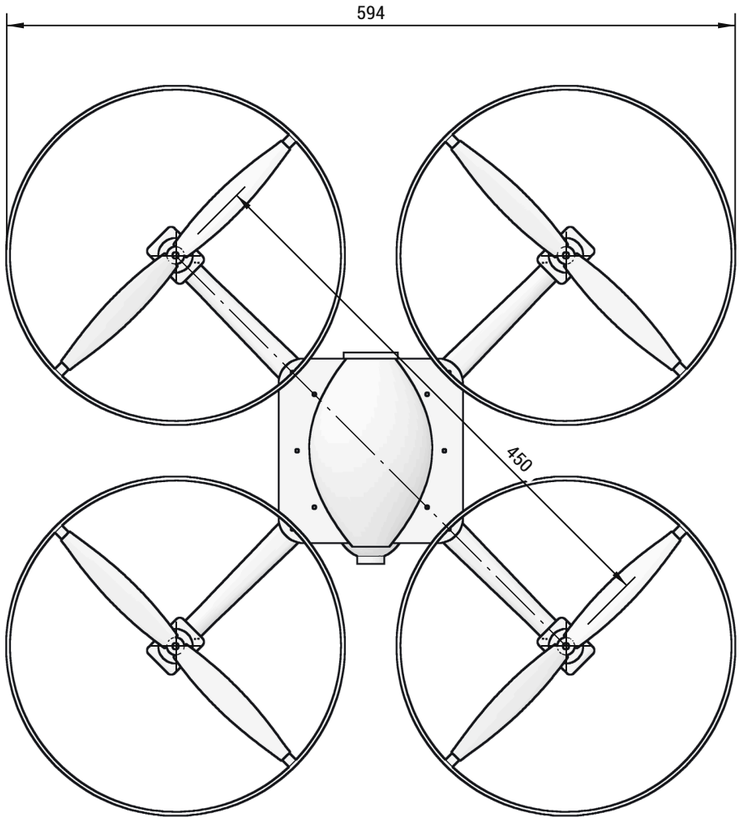
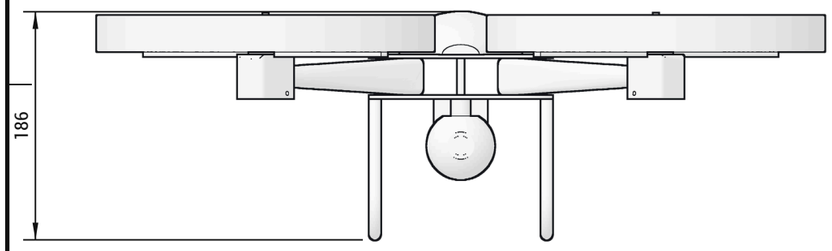


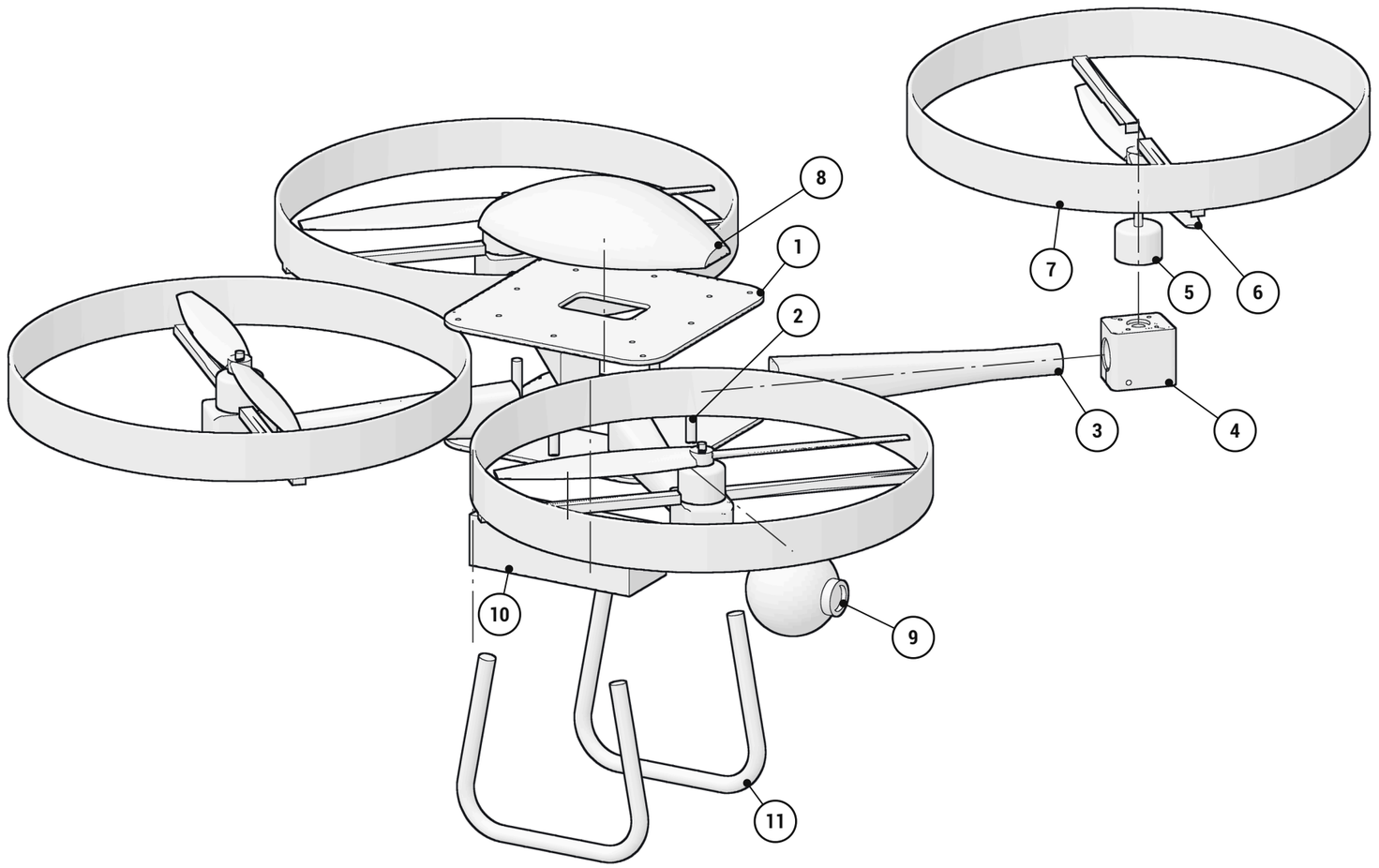
PLAN

FRONT OF DRONE (CAMERA) AT THE BOTTOM



FRONT ELEVATION

PLAN AND FRONT ELEVATION SCALE 1:5



EXPLODED PICTORIAL (NOT TO SCALE)

ITEM	DESCRIPTION	DRAWING / PROCESS	MATERIAL	QTY
11	LANDING SKID	SWEEP — ROD BENDING	Ø10 ALUMINIUM ROD (SOLID)	2
10	BATTERY 6S Li-ion	BOUGHT-IN	—	1
9	THERMAL CAMERA POD	BOUGHT-IN HOUSING	PC/ABS	1
8	CANOPY	SLS 3D PRINTED	PA12 NYLON	1
7	PROP GUARD	SLS 3D PRINTED	PA12 NYLON	4
6	PROPELLER Ø254 (10 in)	INJECTION MOULDED	PA12 NYLON	4
5	MOTOR 2810	BOUGHT-IN	—	4
4	MOTOR MOUNT	SX-02-003 · CNC MILLED	6061-T6 ALUMINIUM	4
3	ARM	MOULDED	CFRP	4
2	STANDOFF Ø6 × 30	BOUGHT-IN	ALUMINIUM	4
1	FRAME PLATE	SX-02-001 · CNC CUT	3 mm CARBON COMPOSITE	2

NOTES

1. ONE ARM ASSEMBLY (ITEMS 3–7) IS SHOWN EXPLODED; THE OTHER THREE ARE ASSEMBLED.
2. CHAIN LINES IN THE PICTORIAL SHOW THE ASSEMBLY PATHS. FASTENERS ARE NOT SHOWN.
3. WHEELBASE 450 = MOTOR AXIS TO MOTOR AXIS ACROSS THE DIAGONAL. ARMS AT 45°, 135°, 225°, 315°.
4. ONE TOP-DOWN FUSION DESIGN: 31 BODIES. MODELLED MASS 2,19 kg (2187 g).
5. DIMENSIONS IN MILLIMETRES. HIDDEN DETAIL OMITTED.

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DRAWN BY (CREATOR) R.M.	LEGAL OWNER SUMMIT-X design team	DOCUMENT TYPE ASSEMBLY DRAWING	DRAWING No. SX-01-001
CHECKED BY A.G.	TITLE SUMMIT-X GENERAL ARRANGEMENT		REVISION A
APPROVED BY J.S.	MATERIAL AS PARTS LIST		MASS 2,19 kg (model)
DATE OF ISSUE 2026-10-28	GENERAL TOLERANCE ±0,1 UNLESS OTHERWISE STATED		SHEET 1 OF 1
PROJECTION			
SCALE 1:5	SIZE · UNITS A3 · mm		