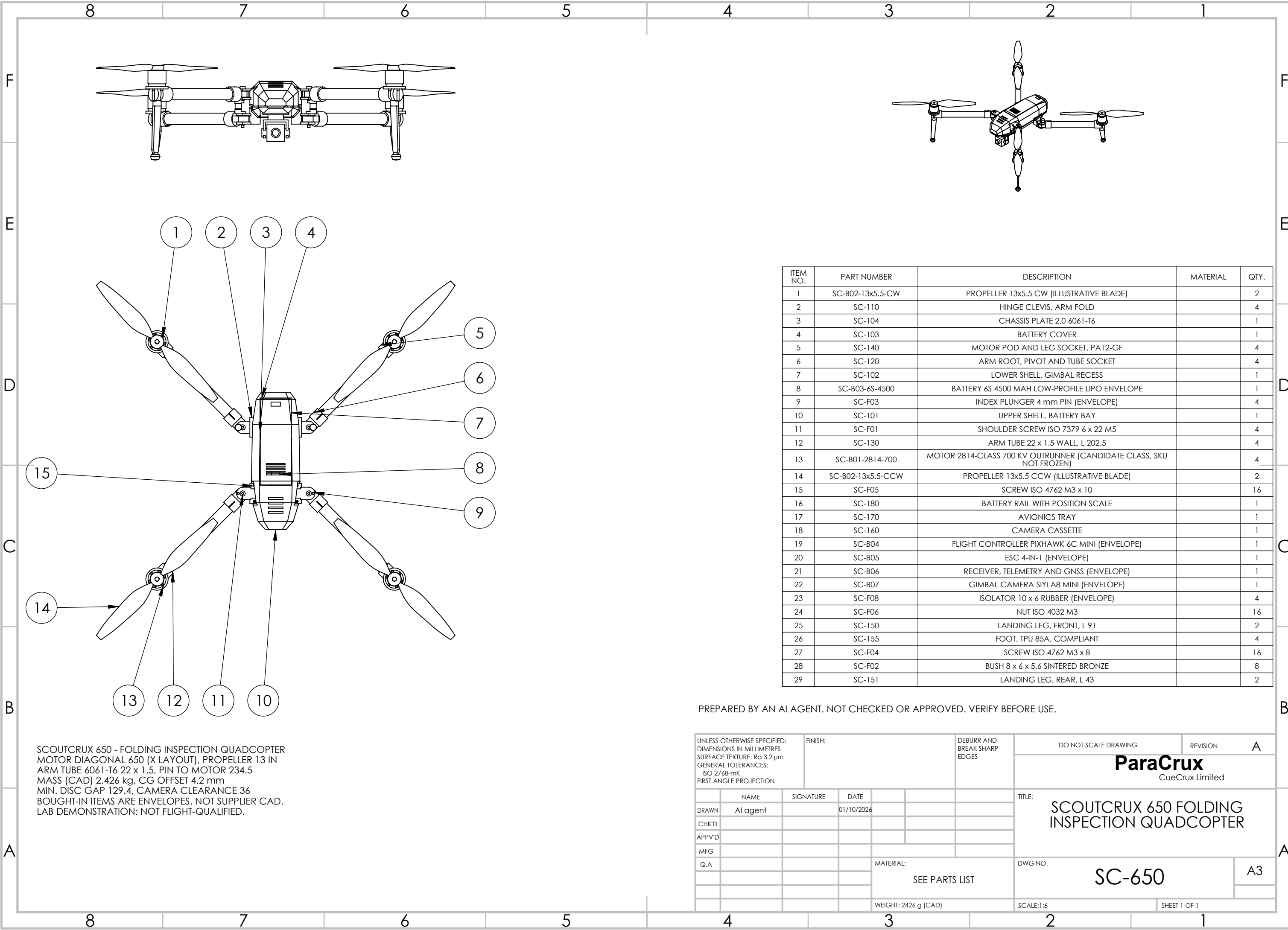




SCOUTCRUX 650 - FOLDING INSPECTION QUADCOPTER
MOTOR DIAGONAL 650 (X LAYOUT), PROPELLER 13 IN
ARM TUBE 6061-T6 22 x 1.5, PIN TO MOTOR 234.5
MASS (CAD) 2.426 kg, CG OFFSET 4.2 mm
MIN. DISC GAP 129.4, CAMERA CLEARANCE 36
BOUGHT-IN ITEMS ARE ENVELOPES, NOT SUPPLIER CAD.
LAB DEMONSTRATION: NOT FLIGHT-QUALIFIED.

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
1	SC-B02-13x5.5-CW	PROPELLER 13x5.5 CW (ILLUSTRATIVE BLADE)		2
2	SC-110	HINGE CLEVIS, ARM FOLD		4
3	SC-104	CHASSIS PLATE 2.0 6061-T6		1
4	SC-103	BATTERY COVER		1
5	SC-140	MOTOR POD AND LEG SOCKET, PA12-GF		4
6	SC-120	ARM ROOT, PIVOT AND TUBE SOCKET		4
7	SC-102	LOWER SHELL, GIMBAL RECESS		1
8	SC-B03-6S-4500	BATTERY 6S 4500 MAH LOW-PROFILE LIPO ENVELOPE		1
9	SC-F03	INDEX PLUNGER 4 mm PIN (ENVELOPE)		4
10	SC-101	UPPER SHELL, BATTERY BAY		1
11	SC-F01	SHOULDER SCREW ISO 7379 6 x 22 M5		4
12	SC-130	ARM TUBE 22 x 1.5 WALL, L 202.5		4
13	SC-B01-2814-700	MOTOR 2814-CLASS 700 KV OUTRUNNER (CANDIDATE CLASS, SKU NOT FROZEN)		4
14	SC-B02-13x5.5-CCW	PROPELLER 13x5.5 CCW (ILLUSTRATIVE BLADE)		2
15	SC-F05	SCREW ISO 4762 M3 x 10		16
16	SC-180	BATTERY RAIL WITH POSITION SCALE		1
17	SC-170	AVIONICS TRAY		1
18	SC-160	CAMERA CASSETTE		1
19	SC-B04	FLIGHT CONTROLLER PIXHAWK 6C MINI (ENVELOPE)		1
20	SC-B05	ESC 4-IN-1 (ENVELOPE)		1
21	SC-B06	RECEIVER, TELEMETRY AND GNSS (ENVELOPE)		1
22	SC-B07	GIMBAL CAMERA SIYI A8 MINI (ENVELOPE)		1
23	SC-F08	ISOLATOR 10 x 6 RUBBER (ENVELOPE)		4
24	SC-F06	NUT ISO 4032 M3		16
25	SC-150	LANDING LEG, FRONT, L 91		2
26	SC-155	FOOT, TPU 85A, COMPLIANT		4
27	SC-F04	SCREW ISO 4762 M3 x 8		16
28	SC-F02	BUSH 8 x 6 x 5.6 SINTERED BRONZE		8
29	SC-151	LANDING LEG, REAR, L 43		2

PREPARED BY AN AI AGENT. NOT CHECKED OR APPROVED. VERIFY BEFORE USE.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS IN MILLIMETRES SURFACE TEXTURE: Ra 3.2 µm GENERAL TOLERANCES: ISO 2768-mK FIRST ANGLE PROJECTION				FINISH:		DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION		A	
								ParaCruX CueCruX Limited					
		NAME		SIGNATURE		DATE						TITLE: SCOUTCRUX 650 FOLDING INSPECTION QUADCOPTER	
DRAWN		AI agent				01/10/2024							
CHK'D													
APPV'D													
MFG													
Q.A													