



ITEM NO.	PART NUMBER	WEIGHT	QTY.
1	Body Assembly	5508.63 g	1
2	Payload Assembly	3152.65 g	1
3	Electronics Bay Assembly	417.86 g	1
4	ISO 7046-1 - M4 x 10 - Z - 10N		8

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH:		DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION				
	NAME	SIGNATURE	DATE				TITLE:							
DRAWN														
CHK'D														
APPV'D														
MFG														
Q.A							MATERIAL:		DWG NO.		General Arrangement V5		A3	
							WEIGHT: 9080.54 g		SCALE:1:10		SHEET 1 OF 2			

F	8	7	6	5	4	3	2	1	
	ITEM NO.	PART NUMBER	Material	WEIGHT	QTY.				
	1	BodyTube	Carbon Fiber	1243.29 g	1				
	2	Thrust Plate	Polyetheretherketone (PEEK)	131.59 g	1				
	3	Aerotech H148 Motor Case			1				
	7	Centering Ring	Polyetheretherketone (PEEK)	45.12 g	3				
E	8	Fin	Carbon Fiber	129.00 g	4				
	9	Parachute Bay Cover	Carbon Fiber	105.03 g	1				
	10	Bottom Parachute Plate	Polyetheretherketone (PEEK)	132.81 g	1				
	11	Eye bolt 6mm			2				
	12	Top Parachute Plate	Polyetheretherketone (PEEK)	117.45 g	1				
	13	ISO 7046-1 - M5 x 10 - Z - 10N			4				
D	14	ISO 7046-1 - M4 x 10 - Z - 10N			20				
	15	ISO 4762 M12 x 20 - 20N			1				
	16	Tansion Cone	Polyetheretherketone (PEEK)	573.41 g	1				
	17	Payload Body	Glass Fiber	540.07 g	1				
	18	Nose Cone	Polyetheretherketone (PEEK)	402.96 g	1				
	19	CanSat		1000.00 g	1				
C	20	Payload Cover	Glass Fiber	540.45 g	1				
	21	Nose Cone Cover R1	Polyetheretherketone (PEEK)	95.06 g	1				
	22	Electronics Bay Cover	Polyetheretherketone (PEEK)	78.18 g	1				
	23	Electronics Mount	Polyetheretherketone (PEEK)	118.71 g	2				
	25	Battery connector 18650.stp			4				
	26	VoltageSensor			1				
B	27	BharatPi			1				
	28	DS3231 RTC			1				
	31	NavIC			1				
	106	ISO 7046-1 - M4 x 10 - Z - 10N			4				
A									

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	NAME		SIGNATURE		DATE				TITLE:				
DRAWN													
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MFG													
Q.A							MATERIAL:		DWG NO.				
									A3				
									V5				
							WEIGHT: 9080.54 g		SCALE:1:10			SHEET 2 OF 2	