



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)	131.60 g	1			
	3	Aerotech H148 Motor Case			1			
	7	Centering Ring	Polyetheretherketone (PEEK)	45.12 g	3			
	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			
E	12	Top Parachute Plate	Polyetheretherketone (PEEK)	117.45 g	1			
	13	ISO 7046-1 - M5 x 10 - Z - 10N			4			
	14	ISO 7046-1 - M4 x 10 - Z - 10N			20			
	15	ISO 4762 M12 x 20 - 20N			1			
	16	Tansion Cone	Polyetheretherketone (PEEK)	594.00 g	1			
	17	Payload Body	Glass Fiber	574.51 g	1			
	18	Nose Cone	Polyetheretherketone (PEEK)	241.90 g	1			
	19	CanSat		1000.00 g	1			
	20	Payload Cover	Glass Fiber	574.89 g	1			
	21	Nose Cone Cover R1	Polyetheretherketone (PEEK)	64.14 g	1			
D	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			
	27	BharatPi			1			
	28	DS3231 RTC			1			
	31	NavIC			1			
	106	ISO 7046-1 - M4 x 10 - Z - 10N			4			
B								
A								

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: PINAKA BILL OF MATERIALS				DWG NO. General Arrangement V5		A3	
DRAWN															
CHK'D															
APPV'D															
MFG															
Q.A				MATERIAL:			SCALE:1:10				SHEET 2 OF 2				
				WEIGHT: 8978.03 g											