



ITEM NO.	PART	Material	QTY.
1	Platform	ABS Plastic	1
2	Platfrom Base	ABS Plastic	2
3	Rocker	ABS Plastic	2
4	Bogie	ABS Plastic	2
5	Central Arm	ABS Plastic	1
6	Electronics and Battery Box	ABS ESD-S Plastic	1
7	Ball End	1018 Steel	4
8	Cavity	ABS Plastic	4
9	Tie Rod	1018 Steel	2
10	Tie Rod End	1018 Steel	4
11	Tie Rod Nut (M2)	Stainless Steel	4
12	Motor	N/A	6
13	Motor Mounting Bracket	ABS Plastic	6
14	Motor Shaft	1018 Steel	6
15	3mm Nut	A307 Steel	8
16	Wheel	ABS Plastic	6
17	3mm Bolt	Stainless Steel	4
18	2.5mm Nut	Stainless Steel	13
19	2.5mm Screw	A2-70 Stainless Steel	13
20	2mm Bolt	Stainless Steel	12
21	2mm Nut	Stainless Steel	12

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THE INFORMATION CONTAINED IN THIS  
DRAWING IS THE SOLE PROPERTY OF  
<INSERT COMPANY NAME HERE>. ANY  
REPRODUCTION IN PART OR AS A WHOLE  
WITHOUT THE WRITTEN PERMISSION OF  
<INSERT COMPANY NAME HERE> IS  
PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	MSU Robotics Club TITLE: Tellus Swarm Drone			
		DIMENSIONS ARE IN MILLIMETERS	DRAWN						
		TOLERANCES:	CHECKED						
		FRACTIONAL ±	ENG APPR.						
		ANGULAR: MACH ± BEND ±	MFG APPR.						
		TWO PLACE DECIMAL ±	Q.A.			SIZE	DWG. NO.	REV	
		THREE PLACE DECIMAL ±	COMMENTS:				<b>B</b>	17	1.0
NEXT ASSY	USED ON	MATERIAL				SCALE: 1:2 WEIGHT: SHEET 1 OF 1			
APPLICATION		FINISH							
		DO NOT SCALE DRAWING							