

BOM ME250 Team 103													
Part No.	Part Title	Material	Dimension(s)	Supplier	Quantity	Price (\$USD)	Notes	Contributors			MCS	Drawing File Name (.slddrw) (.sldprt)	MFG PLAN?
								Design/CAD	Drawing/Plan	Machining			
1	String Spool	Aluminum rod, 1" diameter	1"	Crib	1	0.10	---	Alex	Alex	Nik	1	ROPE WINDER	
2	Left Lever Arm	Aluminum plate, 1/4" thick	5.5" x 1"	Kit	1	0.52	---	Alex	Jacob	Jacob	1	Left Lever Arm	Y
3	Lever Arm	Aluminum plate, 1/4" thick	5.5" x 1"	Kit	1	0.52	---	Alex	Jacob	Jacob	1	Lever Arm Drawing and MFG	Y
4	Scooper	PLA plastic	6.25" x 3.54"	3D printer	1	0.19	---	Alex	Nik	Alex	1	Scooper plans	Y
5	Metal Motor	Metal	6" x 2" x 7"	Kit	2	19.76	1576	ME250	-	-	1	Metal Motor	Y
6	Small L Bracket	Aluminum 1" x 1" Angle Stock	0.625"	Crib	1	0.12	---	Devon	Jacob	Devon	1	Small L Bracket	Y
7	Motor Bracket	Aluminum 90° Angle Stock - 1" x1", 1/4" thick	1.250"	Kit	1	0.24	---	Alex	Nik	Nik	1	Motor Bracket	Y
8	Connecting Shaft	Aluminum rod, 3/8" diameter	1"	Kit	1	0.10	---	Alex	Alex	Alex	1	Connecting Shaft	
9	Lever Motor Arm Axle	Aluminum Round Stock, 3/8" Thick	0.8"	Crib	1	0.08	---	Alex	Alex	Charlie	1	Lever Motor Arm Axle	Y
10	#4-40 set screw	Steel	---	Crib	4	---	92311A105	McMaster-Carr	---	---	1		
11	#8/32 partially threaded screw	Steel	---	McMaster-Carr	3	0.33	97763A335	McMaster-Carr	---	---	1		
12	#8/32 nut	Steel	---	McMaster-Carr	3	0.01	90480A009	McMaster-Carr			1		
13	M3 x 8mm screw	Steel	---	Kit	7	---	92000A118	McMaster-Carr	---	---	1		
Indicates a part needing to be manufactured							Total Price:	\$21.967					