

Project Number:		15043			Revision:		B
	Date Added	Identifying & Selecting Problem PSP 1	Analyzing Problem PSP 2	Generating Potential Solutions PSP 3	Selecting & Planning Solution PSP 4	Implementing Solution PSP 5	Evaluating Solution PSP 6
Rating	R0	R1	R2	R3	Y4	Y5	G6
<b>CRITICAL</b>							
<b>MAJOR</b>	2/24/2015	3D Printing Cane Handle - Ease of	Quality of print might not be to desired	Discuss options with Lab Manager (Mike	Find times to meet with Mike Buffalin for	Swapped contact info and made meeting	Found a place to print the 3D parts that has a
	2/24/2015	PCB Pricing/Lead Time	PCB order could be expensive, especially	Longer Lead time reduces price	Chose a longer lead time	Waited	Acquire PCB
	2/25/2015	Bulk manufacturing costs may exceed	Necessary components and				
	3/16/2015	Boost Converter not operating correctly	Debugging				
<b>ORDINARY</b>	3/2/2015	When bearing rolls over hand both the bearing and bearing arm are in contact with skin	Only the roller should be in contact with skin	<ul style="list-style-type: none"> <li>•Buy a different bearing</li> <li>• Put material over the current bearing to make it wider</li> <li>• 3D print a bearing to our exact desired dimensions</li> <li>• Shave material off bearing arm</li> </ul>	3D print different bearings with larger outer diameter.	The bearings are completed	Problem fixed!
	3/17/2015	3D Printing Tolerance Quality	The MakerBot doesn't use actual dimensions, only proportions	<ul style="list-style-type: none"> <li>• Re-print section(s) if necessary</li> <li>• Sand down components</li> <li>• Possibly saw off edges</li> </ul>	• Currently focusing on sanding down components		