

Product Log

Date	Hours	Description
2/24/2018	2	Created parts list
2/25/2018	3	Continued adding to parts list
2/26/2018	1.5	Added and revised sections of parts list
2/28/2018	1	Began designing CAD model
3/1/2018	4	Continued designing CAD model
3/3/2018	2	Began cutting frame pieces out of wood
3/3/2018	2	Finished cutting wooden frame
3/7/2018	3	Began assembly of threaded rod and frame
3/8/2018	2	Worked on frame assembly
3/11/2018	2	Designed power supply cover in CAD
3/12/2018	0.5	Added part to frame
3/15/2018	0.5	Drilled mounting holes in frame
3/27/2018	5	Assembled parts onto frame, stepper motors, linear rods, bearings
3/28/2018	1	3D printed bearings, appear to work smoother than regular linear bearings
3/29/2018	3	Had to reassemble parts of frame due to wrong screw size
3/30/2018	3	Partially completed extruder assembly
4/1/2018	2	Added heatbed to printer
4/2/2018	2	Added electronics and electronics housing to printer
4/3/2018	2	Cable mangement, added belts to printer
4/6/2018	3.5	Fully wired printer, flashed firmware, started debugging
4/7/2018	3.5	Fully wired printer, flashed firmware, started debugging
4/9/2018	2	Replaced damaged components, more testing
4/11/2018	2	Fixed Z stepper motor, still working on firmware
4/12/2018	3	Finally fixed the issue of Z-homing in the wrong position, added shims to endstops
4/18/2018	2	New couplings arrived, had to drill 4mm hole to a 5mm hole to make it fit
4/22/2018	2	Troubleshooting printer, finally got successful prints
4/23/2018	1	Calibrated printer using calibration cube, adjusted esteps in the EEPROM to get precise settings
4/25/2018	3	Designed spool holder in CAD, printed test parts on assembled printer
4/29/2018	2	Continued adding to full printer CAD model
5/4/2018	3	Finished printer CAD model
5/15/2018	1	Tested printing complex structures
5/15/2018	1	Printed NASA-Designed chainmail successfully
5/18/2018	1	Printed larger scale chainmail
	71.5	