

Brigham Young University AUVSI Capstone Team (Team 45)

Bill of Materials

ID	Rev.	Date	Description	Author	Checked By
BM-001	0.1	02-19-	SS Engineering	Tyler Critchfield	CHECKED BY
		2019	Draft		



1 Introduction

The following table shows our Bill of Materials for the entire system. We've included the following information with each component:

- Name
- \bullet Other components it interfaces with
- Part #/URL
- Quantity
- Mass
- Notes



Part #/UR

HP-FCCC3

urlhere

Table 1: Table caption here.

Name	Interfaces With	Quantity [#]	Mass [g]
Airframe	Everything	1	2000
Pitot Tube	uuuuuuuuuuuuuuuu		
PX4 Airspeed Sensor			
Flip32 Breakout			
OpenPilot Revo Flight Controller		2	35
Servos			
ESC			
Motors			
RC Receiver			
RC Antennas			
POE Adapter			
Ubiquiti Antenna			
5GHz antenna			
5GHz Litebeam Antenna			
Odroid			
Camera			
InertialSense			
GPS Antenna			
Power Harness			
Castle BEC 20 A			
Castle BEC 10 A			
Tail Wedge			
Battery Straps			
Velcro Strips			
Controller Board Housing			
Camera Housing			
Propellers			
Control Horns			
UGV Chassis	UGV	1	88
UGV Battery	UGV Chassis	1	
UGV GPS	UGV Controller	1	30
30" Parachute	UGV Chassis	1	92
Parachute housing	30" Parachute	1	10