Requirement Matrix

Artifact ID: **RM-001**

Team Name **BYU AUVSI**

Revision	Date	Description	Author	Checked By
0.1	9-7-18	Fall camp draft	Brady Moon	Jacob Willis
0.2	9-14-18	Revisions after design review	Derek Knowles	Kameron Eves

Product: UAV
Subsystem: N/A

		Units	Feet	Count	Count	Percentage	Feet	Yes/No
	Performance Measures		Waypoint Accuracy	Minimize Takeovers	Minimize Obstacles Hit	Percent of Objects Classified	Accuracy of Drop	Complies with AMA Safety Code
	Market Requirements	**Importance**	9	9	6	6	3	9
1	The UAS shall be capable of autonomous flight.	9	■	■			■	
2	The UAS shall be capable of avoiding static obstacles.	6			■			
3	The UAS shall be capable of visual object capture.	6				■		
4	The UAS shall be capable of delivering a payload.	3	■				■	
5	The UAS shall follow safety requirements.	9						■
	Lower Acceptable		NA	NA	NA	50	0	Y
	Ideal		0	0	0	100	0	Y
	Upper Acceptable		25	5	15	NA	100	NA