



BRIGHAM YOUNG UNIVERSITY  
AUVSI CAPSTONE TEAM (TEAM 45)

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## Requirements Matrix

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ID	Rev.	Date	Description	Author	Checked By
RM-001	0.1	09-07-2018	Fall camp draft	Brady Moon	Jacob Willis
RM-001	0.2	09-14-2018	Revisions after design review	Derek Knowles	Kameron Eves
RM-001	1.0	10-08-2018	Expansion for stage approval	Kameron Eves	Brandon McBride
RM-001	1.1	10-08-2018	Reordered requirements to match priority	Jacob Willis	Brady Moon

# Requirements Matrix



Product: UAS Subsystem: N/A																		
Notes: UGS = Unmanned Aerial System UGV = Unmanned Ground Vehicle																		
Units	Performance Measures	Importance	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Market Response	
		20%			●	●					●						●	Very Good
		20%																Very Good
		20%																Very Good
		20%																Very Good
		10%																Good
		10%																Good
Upper Acceptable	Lower Acceptable	Importance	6%	2%	8%	2%	10%	20%	4%	6%	6%	4%	10%	10%	10%	2%		
		30	10	40	100	100	100	100	100	100	100	100	75	10	Y	0		
		20	0	20	100	0	0	100	100	100	100	100	5	0	Y	0		
		20	0	3	100	0	0	100	100	100	100	100	0	0	Y	0		
		30	10	40	100	100	100	100	100	100	100	100	75	10	Y	0		

Figure 1: Top-level requirements matrix for the unmanned aerial system.