		Requirement Matrix																
rtifact ID:	RM-001	•																
eam Name	BYU AUVS	SI																
Revision	Date	Description					Δ	ıthor									Char	kod By
0.1	9-7-18	Fall camp draft	Author Checked By Brady Moon Jacob Willis															
0.2	9-14-18	Revisions after design review	Derek Knowles Kameron Eve															
1.0	9-20-18	Expansion for stage approval		Kameron Eves														
		Francisco de Argunda d																
			Units	Minutes	Minutes	Minutes	Percent	Feet	Percent	Percent	Percent	Percent	Percent	Feet	Feet	Yes/No	Count	
	Product: U. Subsystem							ıţ		ıtified								
			Performance Measures	Time	Post Processing Time	Autonomus Flight Time	Percent of Waypoints Hit	Average Minimum Distance to Waypoint	Percent of Obsticals Hit	Percent of Correct Characteristics Identified	Percent of Images Correctly Geolocated	Percent of Actionable Object	Percent of Objects Autonomusly Submitted	Payload Drop Distance to Target Location	UGV Stop Distance to Target Location	Complies with AMA Safety Code	lies	
			Perfor	Flight Time		Autono	Percer		Percer			Percer	Percer	Payloa		Compli	Penalties	
		quirements	Importance	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
		hall be capable of a timely completion of the mission.	10%	•	•				_			•						
	_	hall be capable of autonomous flight.	20%			•	•		-				•					
		hall be capable of avoiding static obstacles.	20%		_	-			-								-	
	_	hall be capable of visual object classification. hall be capable of delivering a payload.	20%						_	•	•	•	_		•			
		hall be capable of delivering a payload. hall be capable of safe opperation.	10%			-		•						_	_			
	0, 10 3	Tall 55 sapasis of said opportunors.	Importance	6%	2%	8%	2%		20%	4%	6%	6%	4%	10%	10%	10%	_	
			Upper Acceptable Ideal Lower Acceptable	3	0	3	0	0	0	0	0	0	0	0	0	z	0	
			leal	20		20	100			100	100	100	100					
			per Acceptable k		0			0 0	0					5	0	>	0	
			₽	30	9	8	100	100	100	100	100	100	100	75	10	>	15	