

Brigham Young University AUVSI Capstone Team (Team 45)

UAS Requirements Matrix



ID	Rev.	Date	Description	Author	Checked By
RM-001	0.1	09-07-	Fall camp	Brady Moon	Jacob Willis
		2018	draft		
RM-001	0.2	09-14-	Revisions after	Derek Knowles	Kameron Eves
		2018	design review		
RM-001	1.0	10-08-	Expansion for	Kameron Eves	Brandon McBride
		2018	stage approval		
RM-001	1.1	10-08-	Reordered re-	Jacob Willis	Brady Moon
		2018	quirements to		
			match priority		
RM-001	1.2	10-17-	Fixed incon-	Andrew Torgesen	Kameron Eves
		2018	sistency in		
			autonomous		
			flight require-		
			ment		
RM-001	1.3	11-08-	Added Target	Kameron Eves	Andrew Torgesen
		2018	Values		
RM-001	2.0	04-05-	Added Mea-	Brady Moon	Andrew Torgesen
		2019	sured Values		
RM-001	2.1	04-05-	Corrected	Kameron Eves	[Checker]
		2019	Typo in Mea-		
			sured Values		



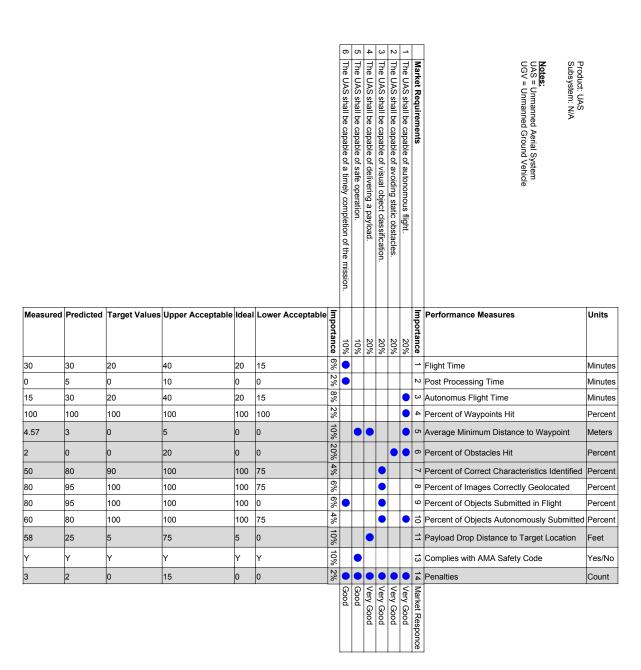


Figure 1: Top-level requirements matrix for the unmanned aerial system. Performance measures that are marked in grey are our key success measures. Importance measurements directly show the percentage of mission demonstration points available for that requirement and measure. Note that cumulatively, our key success measures account for 46% of the possible points.