

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	Ryan Anderson
		2019	Typo in Mea-		
			sured Values		



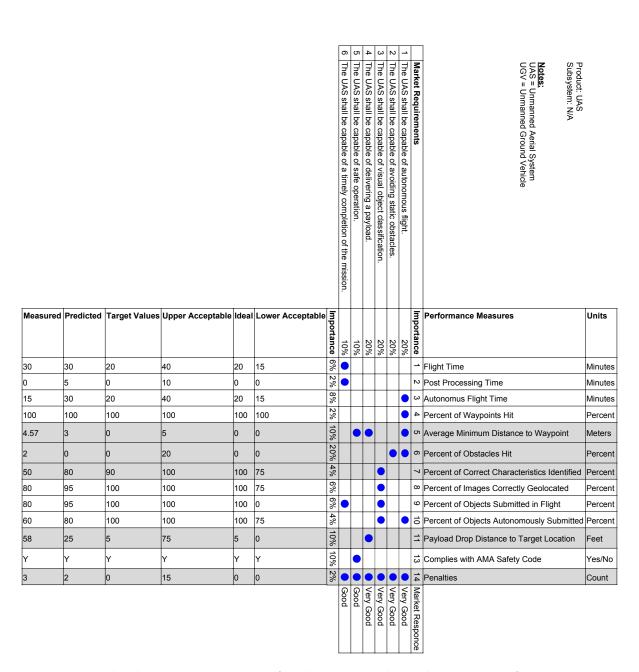


Figure 1: Top-level requirements matrix for the unmanned aerial system. **Performance Measures** that are marked in grey are our key success measures. **Importance** measurements directly show the percentage of mission demonstration points available for that requirement and measure. Note that cumulatively, our key success measures account for 46% of the possible points. See the following artifacts for how measured values were obtained: IM-006, GV-008, CT-002, CT-003,&AF-013