		Market Requirements
	1	The UAS shall be capable of autonomous flight.
	2	The UAS shall be capable of avoiding static obstacles.
	3	The UAS shall be capable of visual object classification.
	4	The UAS shall be capable of delivering a payload.
	5	The UAS shall be capable of safe operation.
_	ဝ	The UAS shall be capable of a timely completion of the mission.

Notes:

UAS = Unmanned Aerial System

UGV = Unmanned Ground Vehicle

Product: UAS Subsystem: N/A

Target Values	Upper Acceptable	Ideal	Lower Acceptable	Importance	10%	10%	20%	20%	20%	20%	Importance	Performance Measures	Units
		20	3	6%	•						_	Flight Time	Minutes
0	10	0	0	2%	•						2	Post Processing Time	Minutes
20	40	20	3	8%							ω	Autonomus Flight Time	Minutes
100	100	100	0	2%							4	Percent of Waypoints Hit	Percent
5	100	0	0	10%		•	•			•	5	Average Minimum Distance to Waypoint	Feet
0	100	0	0	20%					•	•	6	Percent of Obstacles Hit	Percent
80	100	100	0	4%				•			7	Percent of Correct Characteristics Identified	Percent
100	100	100	0	6%				•			00	Percent of Images Correctly Geolocated	Percent
100	100	100	0	6%	•			•			9	Percent of Objects Submitted in Flight	Percent
100	100	100	0	4%				•		•	10	Percent of Objects Autonomously Submitted	Percent
5	75	5	0	10%			•				1	Payload Drop Distance to Target Location	Feet
5	10	0	0	10%			•				12	UGV Stop Distance to Target Location	Feet
Υ	Υ	Y	Υ	10%		•					13	Complies with AMA Safety Code	Yes/No
0	15	0	0	2%							14	Penalties	Count

Very Good Very Good Good Very Good Very Good Market Responce