

Product: UAS
Subsystem: N/A

Notes:
UAS = Unmanned Aerial System
UGV = Unmanned Ground Vehicle

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.
6	The UAS shall be capable of a timely completion of the mission.

Performance Measures						Units
Measured	Predicted	Target Values	Upper Acceptable	Ideal	Lower Acceptable	Importance
30	30	20	40	20	15	6%
0	5	0	10	0	0	2%
15	30	20	40	20	15	8%
100	100	100	100	100	100	2%
4.57	3	0	5	0	0	10%
2	10	0	20	0	0	20%
50	80	90	100	100	75	4%
0	80	100	100	100	75	6%
0	89	100	100	100	0	6%
90	80	100	100	100	75	4%
58	25	5	75	5	0	10%
Y	Y	Y	Y	Y	Y	10%
3	2	0	15	0	0	2%

Market Response

Very Good

Very Good

Very Good

Very Good

Good

Good