

Product: UAV Autopilot		Performance Measures		Units					
				Percent					
				Meter					
				Seconds					
				Meter					
				Unitless					
		Market Requirements				Market Response			
1	The path planner avoids obstacles	9	1	Obstacles Hit		Impressive			
2	The path planner hits waypoints	6	2	Average Waypoint Miss Distance		Good			
3	The path planner plans paths quickly	5	3	Path Planning Time		N/A			
4	The autopilot follows the planned path	10	4	Root mean squared distance from desired path		N/A			
5	The path planner plans effective paths	9	5	Ratio of Planned Path to Total Waypoint Distance		N/A			
		Importance	8	3	6	6	6		
			Acceptable	0	0	0	1		
			Ideal	0	2	20	0	1.5	
			Upper Acceptable	20	7	45	20	5	
			Target	0	3	20	10	2	
			Predicted	0	3	20	10	5	
		Measured	2	3.146	7	17	3.5		