	QFD velocity methods			Specifications											Competitors		
				Mean error speed	Mean error direction	Speed standard deviation	Direction standard deviation	Maximum speed	Maximum direction	Acquistion time	Processing time	Mesaure both speed and direction	Number of sensors	Time between wrong measure	IMU	GPS	Encoders
Requirements weights	**Improvement direction**			V	V	V	V	Λ	Λ	V	V	--	V	V			
Ground Velocity Sensor	**Units**			[m/s]	[deg]	[m/s]	[deg]	[m/s]	[deg]	[ms]	[ms]	[bool]	[#]	[ms]	**Ratings**		
23	**Requirements**	Performance	High accuracy	●	●										4	4	3
20			High precision			●	●	○	○						4	3	3
17			Fast computation							●	●				4	2	4
15		Usability	Compatibility									●			2	4	3
15			Low ext. complexity										●		3	4	3
10			Reliability											●	5	2	3
100				**Specifics quantitative values**											**Influence legend**		
															No correlation		
	Target (delighted)			0.5	0.2	1	0.5	600	90	50	50	YES	1	8000	Mid correlation		○
	Target (disgusted)			2	1	3	2	300	30	300	200	YES	3	3000	Hard correlation		●