



BRIGHAM YOUNG UNIVERSITY  
AUVSI CAPSTONE TEAM (TEAM 45)

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## 2019 Rules Breakdown

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ID	Revision	Date	Description	Author	Checked By
DJ-004	0.1	10-08-2018	Initial creation	Jacob Willis	Andrew Torgesen

Category	Category Score	Overall Worth
<b>Mission Demonstration</b>	60%	60%
<b>Timeline</b>	10%	6%
Mission Time	80%	4.8%
Timeout	20%	1.2%
<b>Autonomous Flight</b>	20%	12%
Autonomous Flight	40%	4.8%
Waypoint Capture	10%	1.2%
Waypoint Accuracy	50%	6%
<b>Obstacle Avoidance</b>	20%	12%
<b>Object Classification</b>	20%	12%
Characteristics	20%	2.4%
Geolocation	30%	3.6%
Actionable	30%	3.6%
Autonomy	20%	2.4%
<b>Air Drop</b>	20%	12%
Drop Accuracy	50%	6%
Drive Accuracy	50%	6%
<b>Operation Excellence</b>	10%	6%
<b>Technical Design Paper</b>	20%	20%
<b>Systems Engineering</b>	20%	4%
<b>Systems Design</b>	50%	10%
<b>Safety &amp; Risks</b>	20%	4%
<b>Writing Style</b>	10%	2%
<b>Flight Readiness Review</b>	20%	20%
<b>Experience, Roles</b>	5%	1%
<b>Systems Overview</b>	15%	3%
<b>Development Testing</b>	50%	10%
<b>Mission Testing</b>	30%	6%