



BRIGHAM YOUNG UNIVERSITY  
AUVSI CAPSTONE TEAM (TEAM 45)

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## Path Planner Testing

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ID	Rev.	Date	Description	Author	Checked By
CT-002	0.1	02-20-2019	Initial creation	Brady Moon	[CHECKED BY]

# **1 Introduction**

Our path planner uses a modified version of the RRT path planning algorithm to plan a safe and flyable flight path. The path planner takes into account obstacles, specific mission objectives, and the flight specifications of our UAV.

# **2 Testing**

The algorithm is tested multiple times in simulations

## **2.1 Failure Modes**

# **3 Integration Testing**

# **4 Conclusion**