



BRIGHAM YOUNG UNIVERSITY
AUVSI CAPSTONE TEAM (TEAM 45)

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Requirement	Procedure	Result
UGV weight		
Stowed UGV drag		
Maximum survivable drop height		
Maximum landing velocity		
Landing distance from target		
Communication range		
Communication band overlap		
Communication loss detection time		
Rule violations		

1 Introduction

This document describes the procedures used to test each of the UGV concepts. Some of the tests were unnecessary for selecting between concepts, so they will not be performed until subsystem engineering.

2 Test Procedures and Results

2.1 Skycrane

2.2 Parachute

2.3 Glider