



BRIGHAM YOUNG UNIVERSITY
AUVSI CAPSTONE TEAM (TEAM 45)

Imaging Test Procedures

ID	Rev.	Date	Description	Author	Checked By
IM-006	1.0	12-11-2018	Initial release	Tyler Miller	Jake Johnson

1 Introduction

In order to verify that the imaging subsystem independently meets its key success measures a series of tests and procedures were developed. Requirements for the subsystem can be seen in IM-007. However, some of the subsystem's requirements cannot be fully measured until it is integrated with the full system and testing in flight.

2 Continuous Integration

A prerequisite to meeting our key success measures, is a reliable, bug-free codebase. Imaging undertook a large task this year with our server-client model requiring us to rewrite our entire codebase. This rewrite presented an opportunity to build a proper test framework in parallel with our server-client code. A series of unit and integration tests were developed for each component of the server and client.