

# MODULE B

## Testing



20 mins



### OVERVIEW

In this module we will look at the importance of testing. Testing includes making sure everything works as you are building your Balloon Payload, as well as testing during and after integration to verify that your completed project should work. If you wait until the end to do testing, it becomes a lot more challenging to troubleshoot issues that might arise.

### MATERIALS

- Computer/laptop
- Internet Access

### PREREQUISITES

- This is a stand alone module and can be completed at any point.
- No prerequisites for this module

Complete Prerequisites and have all Materials before continuing to activity

#### 1 Testing

- Why do we test?
- What should we test in our Payloads?

#### 2 Structural

- What is Structural Testing?
- Structural tests include
  - Whip
  - Shake
  - Stair Pitch
  - Drop test

#### 3 Environmental

- What is Structural Testing?
- Environmental tests include
  - Functional
  - Cold
  - Vacuum

Module Video:  
[Testing](#)



### NEXT STEPS

After completing all aspects of this module, you can move on to your next module