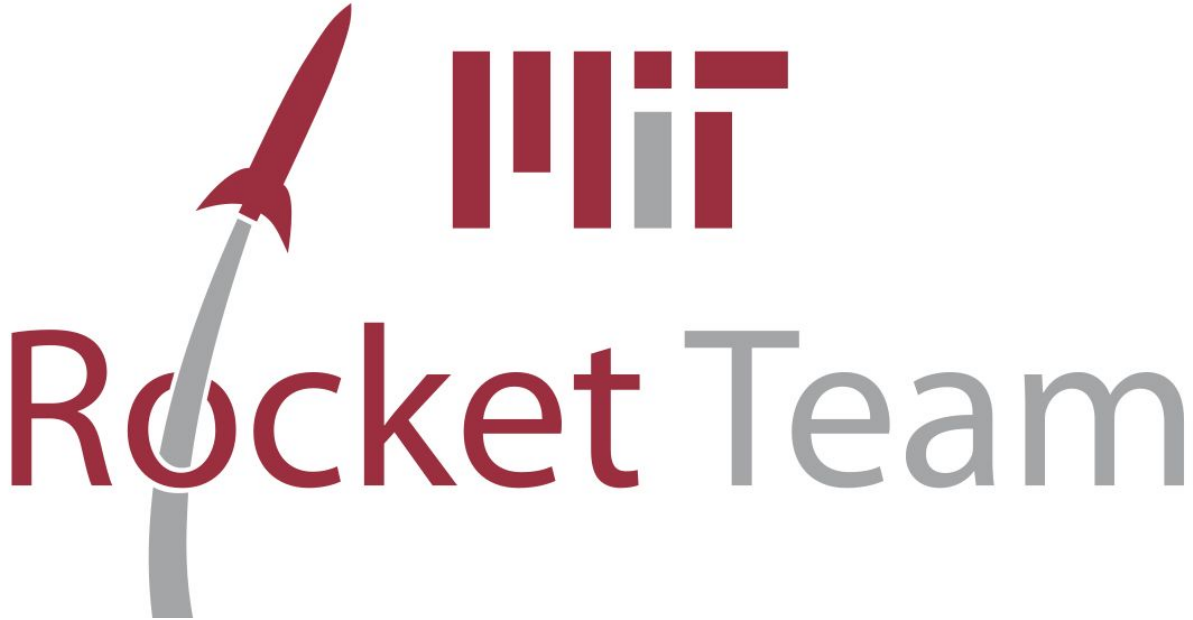


# Welcome!

## Design Review Template: DO NOT EDIT

# Design Overview

Requirements - what will your section of the rocket need to do?

Interfaces between sections - what connects your section to the others? (bolts? Shear pins? Couplers?)

# CAD

Models of section - Fully assembled model and necessary views to understand the assembled model (can be individual parts, can be sets of subparts)

Bill of Materials - Table of part name, estimated mass, quantity, cost, and material for each part

Key Dimensions of section - Length of section, OD/ID of parts

Fully defined drawings of interfaces

# Analysis

Relevant analysis for your parts.

Static loads, vibe, thermal (if necessary)

Bolt load calcs

# Manufacturing Plan

Step-by-step of how to make this part

What processes and/or machines do you need? (e.g. layup, mill, lathe, waterjet, 3D Printing)

Diagrams!!

# Integration/Assembly Order

When does this part/section need to be put on the rocket? Before/after which parts/sections?

# Testing

What do we need to do to make sure we can fly the rocket?

- E.g. Static load test, vacuum and vibe test, thermal test, battery life, HOOTL, HITL

# Risks and Mitigations for flight

Risk Matrix: weigh risks and consequences

Safety Plan

and/or SOP

# Open Issues

What are some issues stopping you from finishing the part now?

Any design or safety issues?

# Schedule to Completion

Ideally a table with approximate deadlines

# Yay rockets!