

Team: P19105

Engineer: Julian Caputo – Structural Integrity Engineer

Entering Phase: Systems Design Review

What do I plan on doing to ensure that Team P19105 has a successful Systems Design review?

1. Each team member should 3-5 specific tasks that he or she will complete prior to the next review.

Task 1: Take bunker dimensions and take pictures to post on EDGE to investigate condition of bunker

Task 2: Research thermodynamics and fluids of hybrid rocket engine to understand vibration and thermal impact on test stand

Task 3: Contact companies for scrap metal for potential small-scale assembly and testing for vibration/thermal/force and sensors

Task 4: Begin to determine parameters to redesign in NX11 regarding P18102's project

You will answer these three questions when you submit at the end of Phase (N).

1. What did I actually do?

Task 1

Task 2

Task 3

Task 4

Task 5

2. What did I learn as an engineer?