Group Number: _____28_____

ME 321L - Spring 2025
Group Assignment 5: **Physical Prototype**
Due: Tuesday 4/22 @ 11:59PM

Notes

- Your group should fill out this sheet and **submit to Canvas** to receive a grade on your physical prototype and the competitive mass (GA5).

Prototype Demonstration and Assessment Process

1. All components of the physical prototype are weighed together and the weight is recorded.

   Recorded weight: _____5 lbs; 8.2oz_____

2. Physical prototype is assembled and attached to the mounting brackets and pump/pulley.

   Prototype attaches successfully (yes/no): _____yes_____

3. Height of the fully assembled and mounted prototype is measured.

   Recorded height: _____13in_____

4. Load is incrementally increased on pump/pulley up to maximum load, based on the specifications provided in the beginning of the semester in "ME321L Design Project Overview".

   Recorded load: _____117.0 lb _____

5. The maximum deflection of the end of the platform is measured and recorded.

   Recorded deflection: _____ 0.15in (3.81mm) _____