Term Project Modeling

A screenshot of a computer

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Figure 1: Turret center of mass location

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Figure 2: Launcher and platter mass properties. The rotation axis is Y for the CAD model, so the Moment of Inertia of interest is Iyy.

A computer screen shot of a machine

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Figure 3: Pinion and Hub mass properties. Note that this does not include the mass/inertia of the motor’s rotor. The mass is centered on the axis of rotation. Once again, the Inertia of interest is Iyy.

A screenshot of a white sheet

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