Aero 2

Hardware Interfacing

Aero 2 – Application Guide
Hardware Interfacing

Why Explore Hardware Interfacing?

The first step to understanding and predicting outcomes in hardware involves looking into the inner workings of that hardware. Having a firm grasp on the basics of any hardware allows for easier problem solving when outputs aren't what is expected.

In the Hardware Interfacing – Lab Procedure, we will look at some of the hardware for the Aero 2, and the corresponding Simulink interfacing software QUARC, to understand how to interface with QUARC and build our own models to run on the Aero 2.

Getting started

The goal of this lab is to introduce you to the Aero 2 experiment hardware and it's associated software interface via QUARC for MATLAB/Simulink.

Ensure you have read the following concept reviews,

- Rotary Sensors

- Modeling (section 1a)