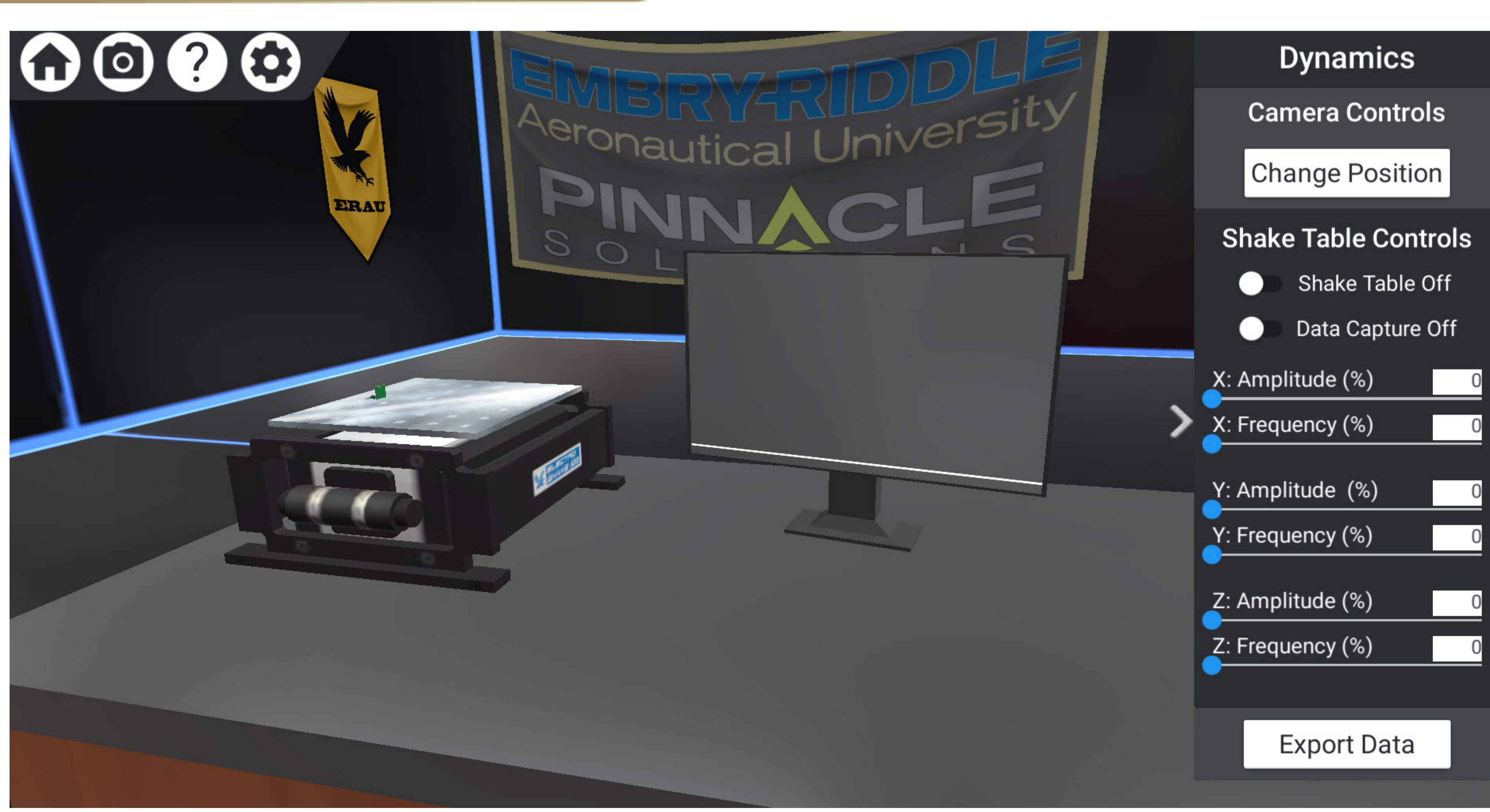


# In-Depth Dynamics Lab

ERAU Virtual Hub

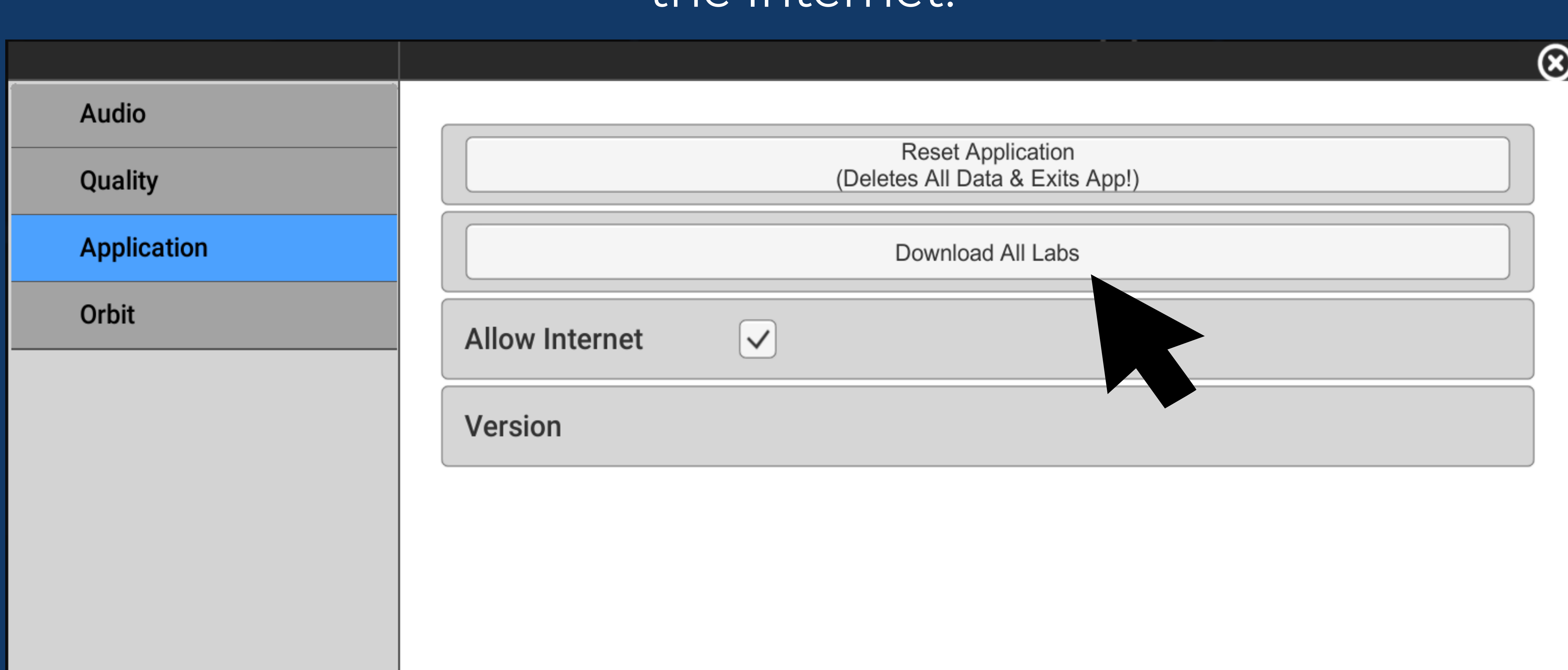


## Recommended for all users

After downloading the lab, click the settings button at the top left corner.



Next under the application tab click the "Download All Labs" button. This will eliminate the requirement to be connected to the Internet.

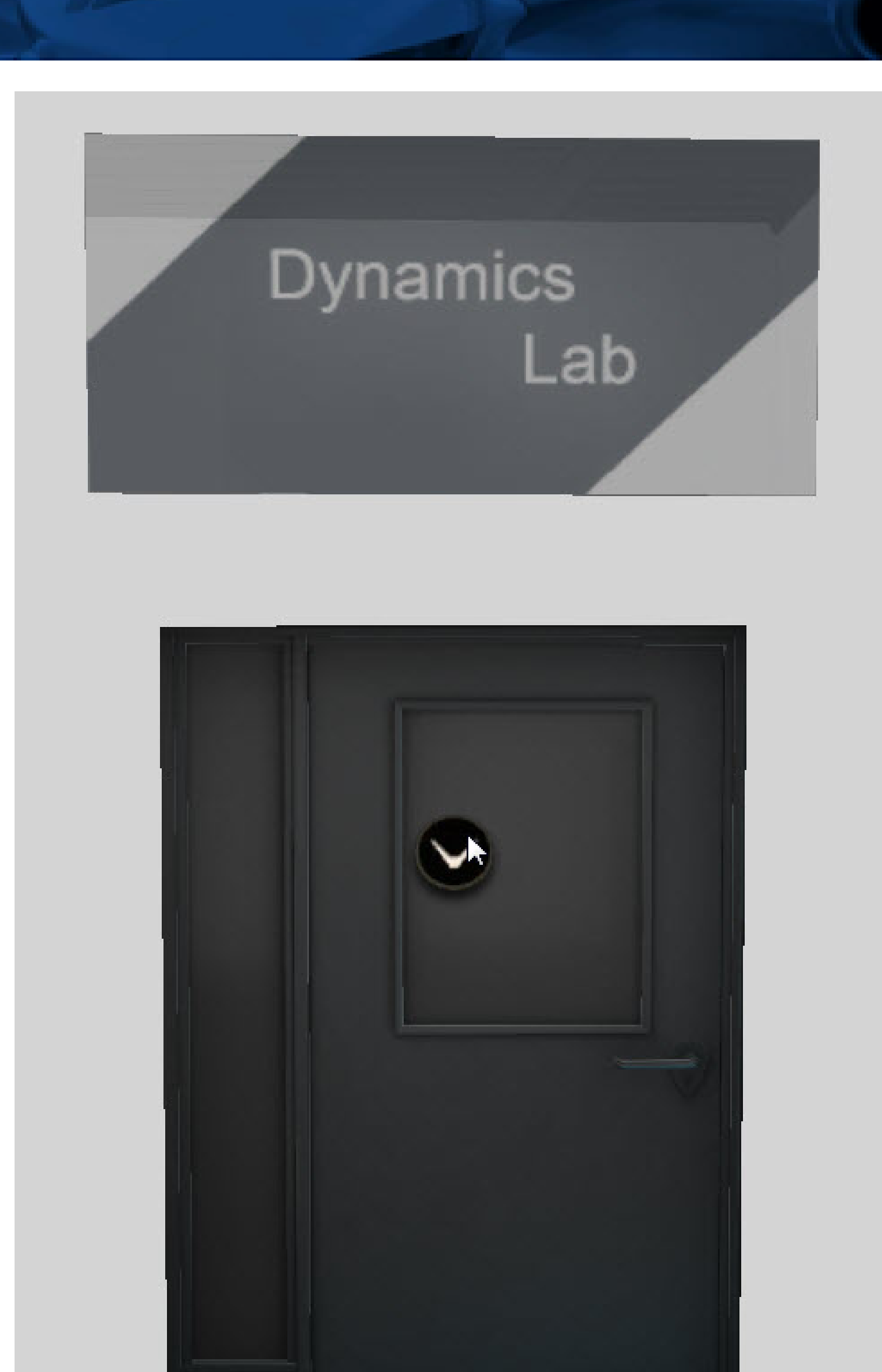
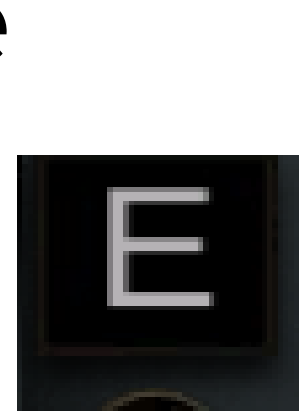


ERAU Virtual Hub

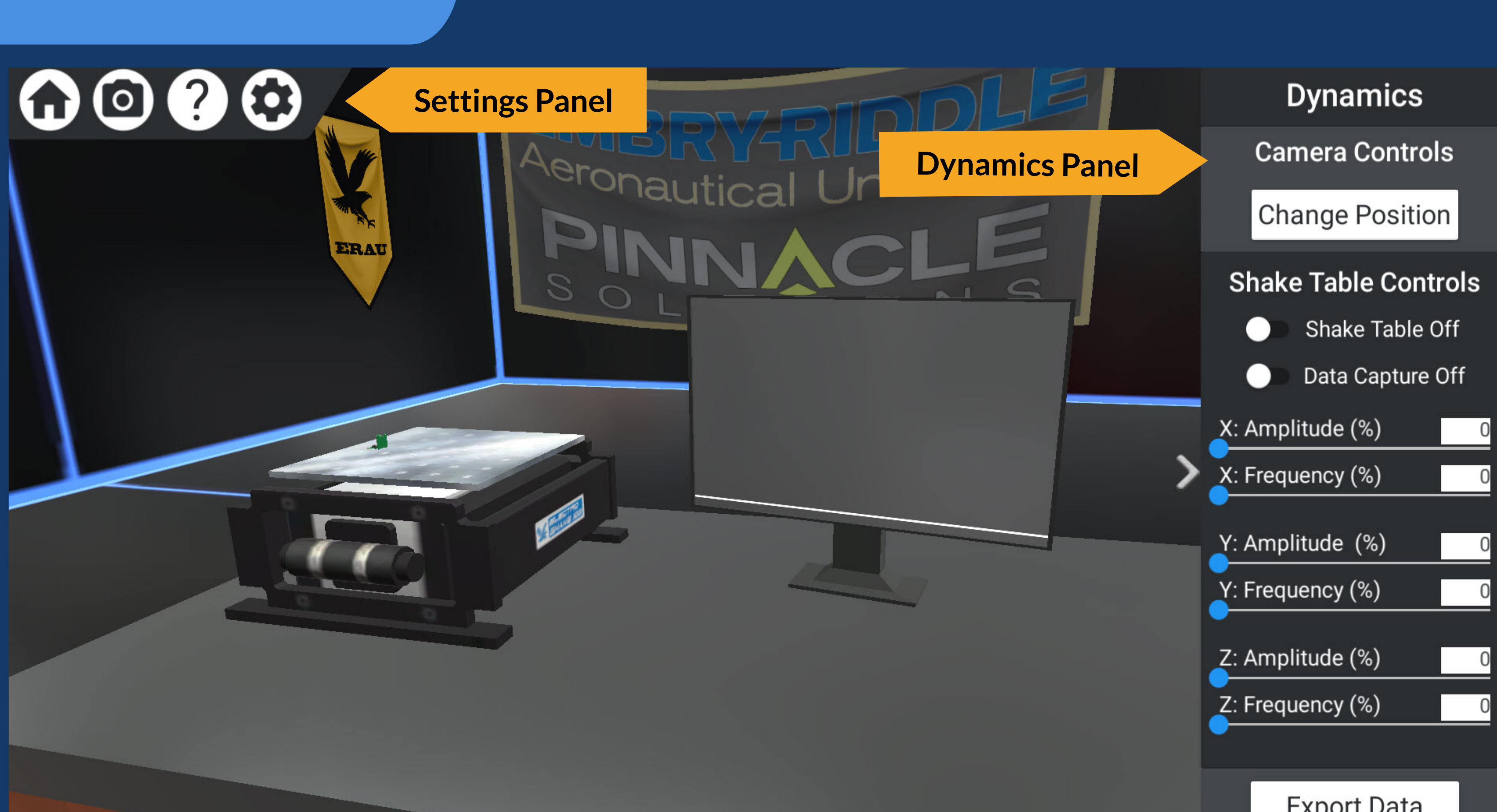
Welcome to the ERAU Virtual Hub

Once you step through the Dynamics Lab doors, you will be able to test a shake table's amplitude and frequency.

To enter any door, select the



## Enter the Lab



When you reach the dynamics lab room, you will see several icons on the top left and the dynamics panel on your right side.

## Dynamics Panel

On the right side of the screen, you will find the controls for the dynamics lab.

### Camera Controls

Change Position

**Camera Controls:** Use this button to toggle between an overall view, shake table view, and computer view.

### Shake Table Controls

Shake Table Off

Data Capture Off

**Shake Table Controls:** Use these sliders to turn on/off the shake table and/or computer.

X: Amplitude (%) 0

X: Frequency (%) 0

Y: Amplitude (%) 0

Y: Frequency (%) 0

Z: Amplitude (%) 0

Z: Frequency (%) 0

**Shake Table Controls:** Use these slider or text boxes to control the amplitude and frequency of the shake table along the x, y, and z axes.

Export Data

**Export Data:** Use this button to export the data along time to a .csv file.

You Are Now Ready to

LIFT OFF