

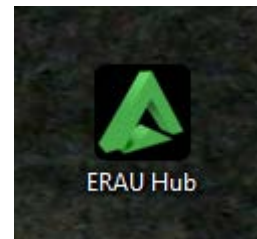
PowerPlant Lab Data Export Guide

ERAU Virtual Hub

PROCEDURE

STEP 1

Launch the Virtual Hub application by double-clicking on the desktop shortcut.



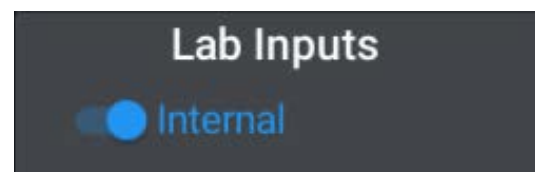
STEP 2

Enter the Power Plant Lab by pressing E on the the door.



STEP 3

Select the motor preference using the Lab Inputs slider.



10/24/17



DOC ID



Academic Technology



1.866.554.8406

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EMBRY-RIDDLE
Aeronautical University.
WORLDWIDE

STEP 4

Set the pressure altitude, air temperature, air speed, and prop information to the desired levels using the sliders. Next set the throttle to the desired level using the throttle slider. Once that is finished click the calculate outputs button.

Pressure Altitude
Ft: 10 M: 3.04

Air Temperature
C: 15 F: 59

Airspeed
KTAS: 50 M/S: 25.72

Prop Diameter
Ft: 6 M: 1.8288

Throttle (%)

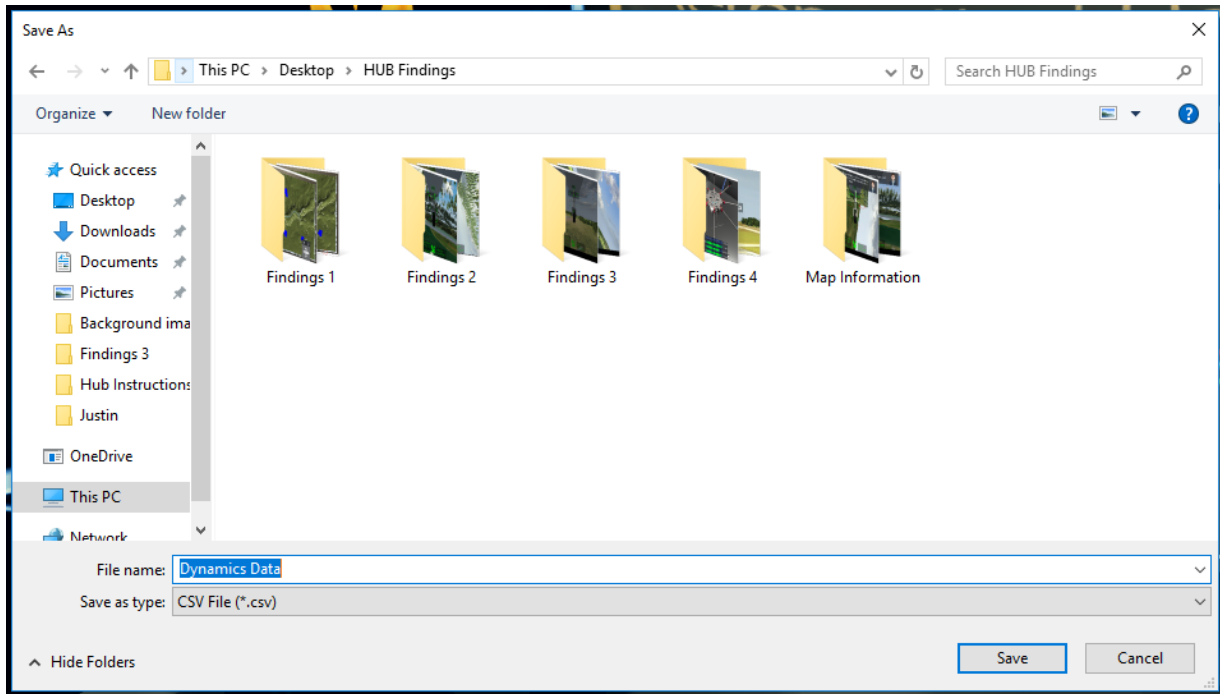
Calculate Outputs

STEP 5

After the experiment, click the “Export ” button. From the dialogue box, select where you want to save the data. Give the appropriate name to the file and click “save”.

Export





Note:

The file will save as a CSV file which is a file used to store tabular data such as a spreadsheet. When you click the file it will open in Microsoft Excel. The data will show in table form.

