Deliverables: 8/31/22

Original Problem:

Dr. Bryner is interested in performing experiments in hydrogen combustion and Dr. Heine has

an interest in aviation applications for hydrogen fuel cells, but ERAU current lacks any

hydrogen infrastructure. To support this future research, we need a method to generate and

safely store small amounts of hydrogen.

Problem Statement: Design a way to safely generate 99.9% hydrogen gas that is practical for Embry Riddle Prescott campus and store 10-20L it safely in the propulsion/energy lab. To use the hydrogen, there must be a way to safely extract the hydrogen.

This project might be limited based on safety grounds…

Dr. Bryner's office hours are from 1-2 on MWF and he said to talk to him then. I plan on going at the end of capstone or sometime later in the day because he said he was also free later