## Overview
Discuss in detail the two types and what it means to the aviation industry…

## Purpose
Introduce students to what is out there

### Objectives
Skills/information that will be learned.

- The difference between the two types of power supplies.
- Why we have two types.
- Pros and Cons of each.
- General operational principles of each.
- Intro to LEEN MFR.

### Information
(Give and/or demonstrate necessary information)

- Use a power-point (talk with David Knutson) about the website he provided.
- Show Gilligan’s island clip about starting the plane from the “Castaways” episode… Even a flight of the phoenix episode. What are the parts of ground equipment? GSE. Ground support equipment. Ramstien You-Tube. Intro to Leen MFR.

### Verification
(Steps to check for student understanding)

- Asked a student with a job that could benefit from Leen techniques? How do they respond

### Activity
(Describe the independent activity to reinforce this lesson)

- Create a lab that must go through cells to be complete. Build-up and tear down circular, circular, circular………

### Summary
Internal and External power supplies. What possible advantages to each.