Directions: Use the airplane electrical diagram below to help you complete this activity. For each item listed, explain its role and function within the airplane’s electrical system.

1. Using the word bank, assign the different types of avionics equipment to either the primary or avionics bus.

2. For each of the following electrical components, explain its function and operation within the electrical system.

Battery -

Master Switch/Avionics Master Switch -
3. Based on what you have learned, draw a basic electrical circuit that incorporates:
   a. battery,
   b. a master switch that controls a device found on the primary bus,
   c. and an avionics switch that controls a device found on the avionics bus. Be sure this circuit is isolated from the primary bus to protect the avionics.
   NOTE: You can just draw a simple diagram like the circuits you made in this lesson. For example: