I assume the goal is to be able to balance charge the battery without removing it from the plane. There are two ways to do this:

1. Use a switch with a charging port, or
2. Utilize a pigtail that hangs outside the plane

Obviously, using the switch is the preferred method. Now let's look at the battery. First, batteries come in all sorts of configurations. The ones I get typically have

1. a back and red 18 AWG wire terminated in a FEMALE Deans connector
2. a black and red 22 AWG wire terminated in a FEMALE universal RC connector
3. a red and two black 22 AWG wires terminated in a female JST connector.

The one you want to use is configuration #3.

If you were using another charger capable of charging A123's you would charge through config #1 and plug config #3 into the balance port of the charger. But the Cellpro doesn't work that way. It charges at only one current setting (4 amps) and it only accepts JST female connectors.

So….

In order to balance charge your A123's on board the plane you have to:

a) Make up a special charging lead with a 5-terminal JST connector on one end, and a universal MALE connector on the other end which plugs into the charging port on the switch.
b) Remove the JST connector from the battery and install a universal (female) RC connector. This plugs into Male pigtail coming from the switch.

In order to install the universal connector on the battery you will need a voltmeter to determine which is the 3.3 volt tap. The diagram below shows the wiring diagram for the charging harness.