

FlySight Service Bulletin #1

The Problem

The USB jack has come loose on a few units. We have determined that this is due to insufficient strength in the connection between the jack and the PCB.

The Solution

Testing has shown that the application of Krazy Glue under the USB jack gives the required strength. In units with Krazy Glue applied, the USB cable broke before the jack came loose.

Materials

To perform this repair, you will need liquid Krazy Glue. For testing, we used “Krazy Glue Advanced” in a pen dispenser, shown below:



This product is also available in a “Standard” formula with a red cap, which should also suffice.

Do not use “gel” type Krazy glue for this repair, since it will not be able to wick under the USB jack.

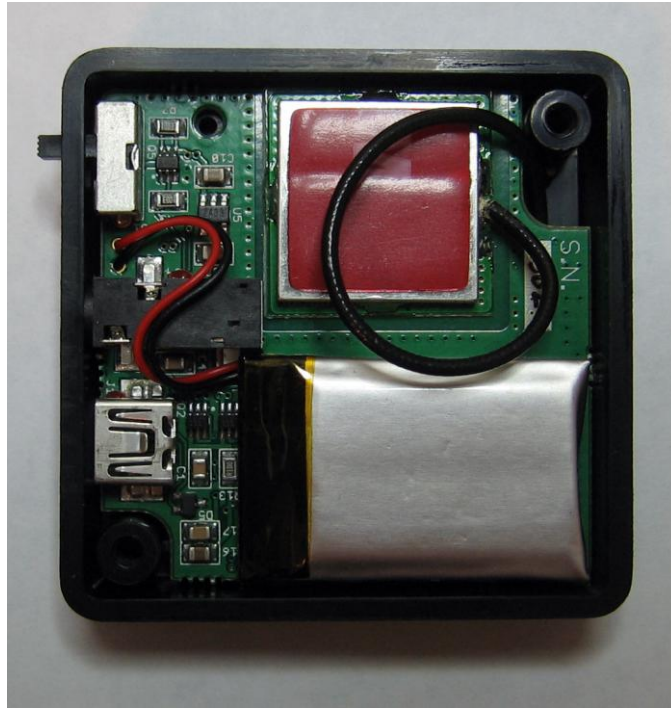
Procedure

When handling the FlySight's printed circuit board, it is important to observe the following precautions:

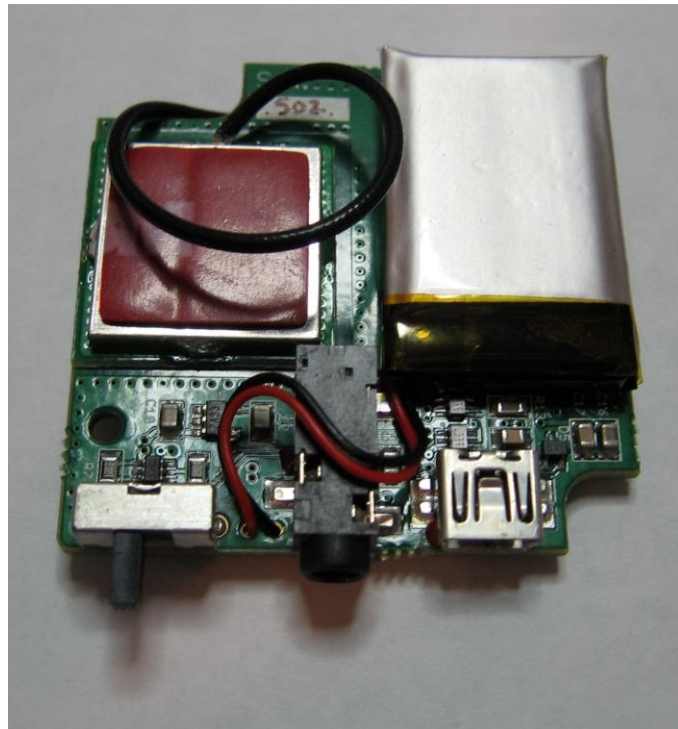
- Before handling the board, dissipate static electricity by touching a grounded metal object.
- Always hold the board by its edges.

To perform the repair, follow these steps:

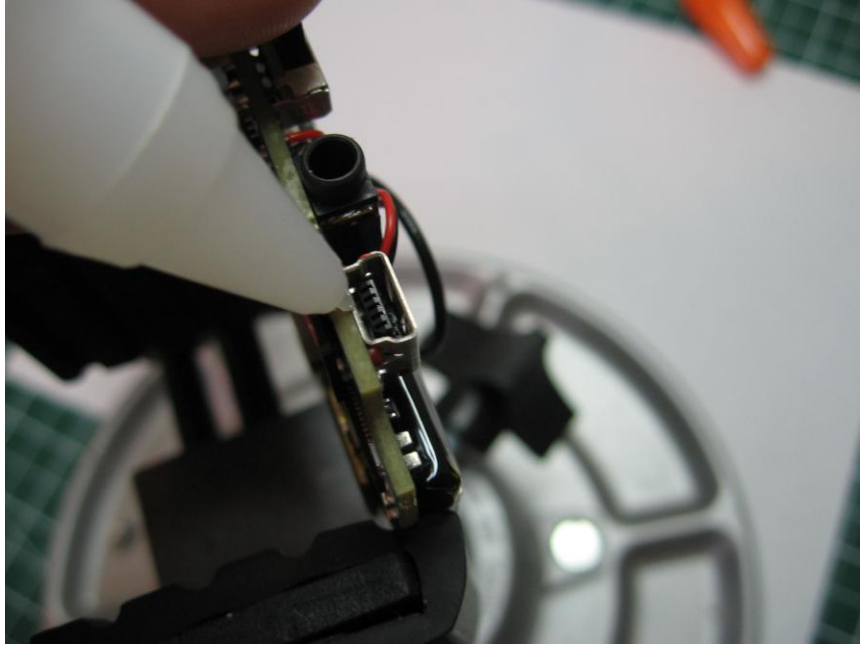
1. Remove the two screws on the outside of the FlySight.



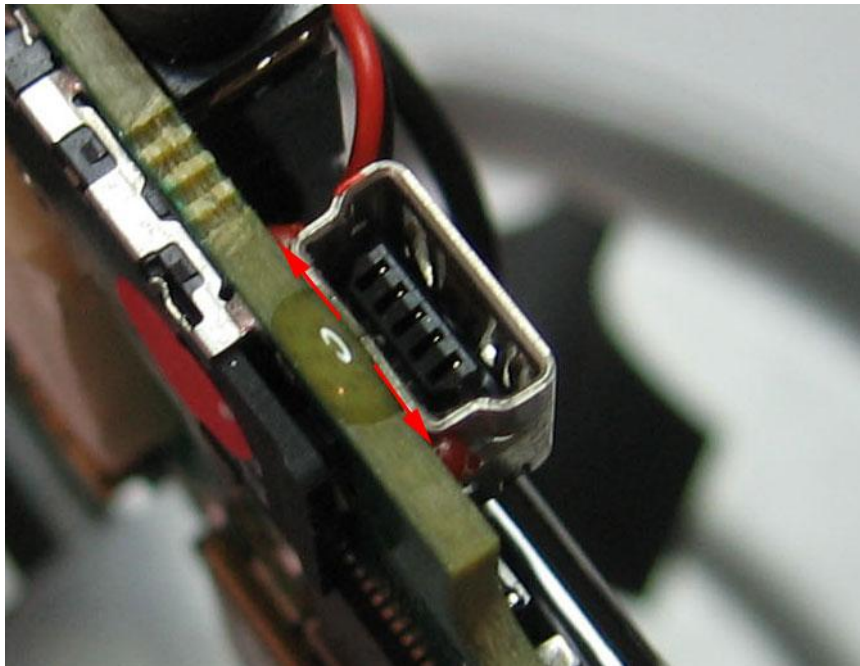
2. Remove the printed circuit board (PCB) from the case.



4. Apply a small amount of Krazy Glue between the USB connector and the PCB.



5. Using the tip of the glue pen, spread the glue across the length of the joint, and slightly around the sides, to encourage it to wick under the connector.



7. Allow 24 hours for the glue to set completely before reassembling the FlySight. As the glue dries, it should wick under the USB jack as shown in the following photo.

