

# **W. M. Co. - Pendant Repairs**

*subject:* **recommendations for better service**



Here are my best recommendations for your Pendant Pushbutton Station – to make its operation as reliable and trouble-free as possible. I'm sure you can do most of these yourself, at your convenience:

## **1) REDO PENDANT ATTACHMENT**

- Install a “Quick Link” between the Pendant’s “Strain Relief” Cable, and the Eye Hook it connects to on the Crane Bridge. This will allow the Pendant to be quickly attached & removed, without tools.
- Remove the bronze “Split Bolt” securing the Pendant’s “Strain Relief” Cable to itself. (This is an electrical part, not designed for securing cable.) Replace with two steel “U-Bolts”, designed for securing 1/8” Aircraft Cable.

## **2) SHORTEN PENDANT CORD**

Much of the problem with the Pendant, is that its Cord makes several “hard bends”. This strains the individual conductors inside the Cord, causing them to eventually break.

- Undo all zip ties securing Cord loops. With another person holding the Pendant Pushbutton Station about four feet above the floor, hold the Cord straight and mark the top at the Connector. Cut the Cord and re-attach to the Connector. Shorten Strain Relief Cable as needed. Zip tie Cord loosely to Strain Relief Cable (do not want it too tight, straining wires – “snug” is best).

## **3) REPLACE PENDANT CORD**

- Find current Pendant Cord specs (stamped on the side of the cable). Find a suitable replacement, rated for “Extra Hard Duty”. Install as above (no “loops” in Cord, etc.).

## **4) OPERATION**

- Detach Pendant from Crane for normal operation (by Radio Control).
- Periodically (monthly) attach Pendant, check for correct operation, repair as needed, detach.