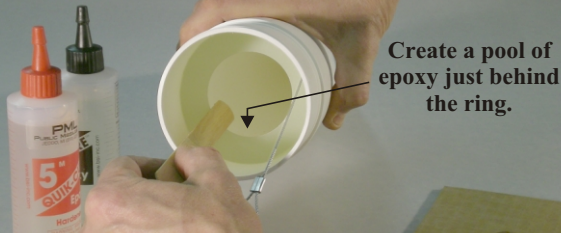


Intelli-Cone v2.0

Assembly instructions

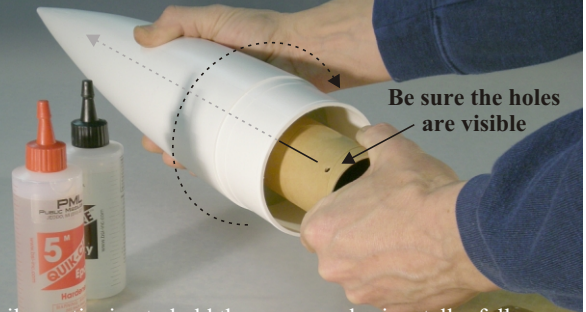
1



Create a pool of epoxy just behind the ring.

Mix up a batch of epoxy and *quickly* apply it to the inside of the nosecone, just beyond the pre-installed centering ring. Scoop it up with a stick and scrape it off against the edge of the ring allowing it to run down the back side and pooling there.

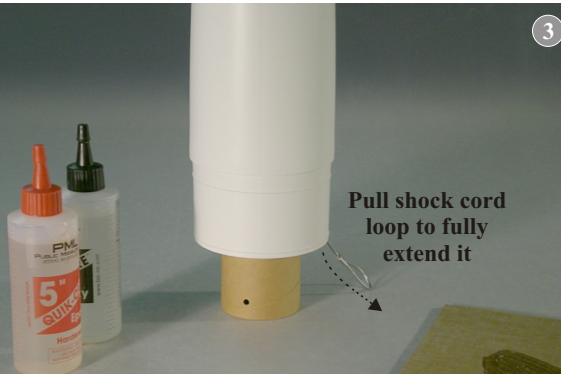
2



Be sure the holes are visible

While continuing to hold the nosecone horizontally, fully insert the payload tube into the nosecone, undrilled end forward. Rotate the nosecone once or twice to spread the epoxy around the circumference. Stand the assembly upright.

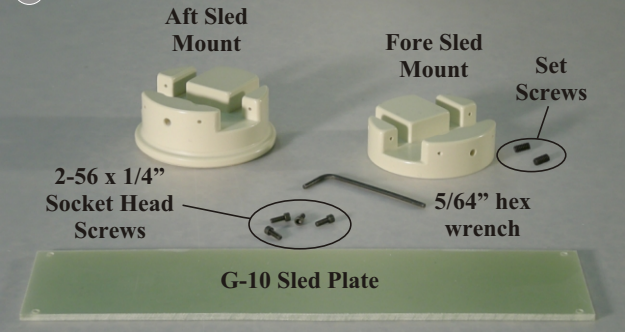
3



Pull shock cord loop to fully extend it

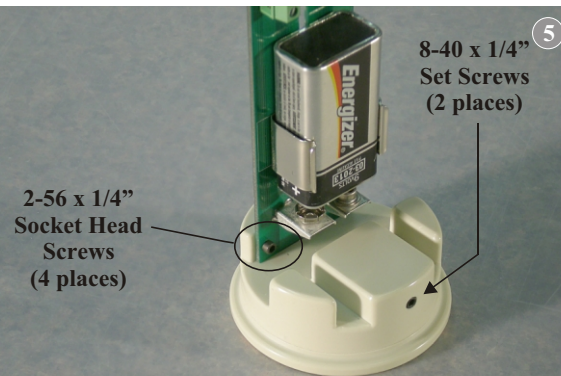
Pull on the shock cord attachment loop to make sure it is fully extended. Allow the epoxy to cure with the assembly in an upright position.

4



These are the components of the "electronics sled". You can either use the G-10 plate to mount your circuit boards and batteries or mount a PML Co-Pilot directly as shown below.

5

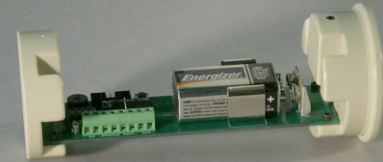


2-56 x 1/4" Socket Head Screws (4 places)

8-40 x 1/4" Set Screws (2 places)

Install the Sled Board or CoPilot using the (4) 2-56 socket head screws. Press firmly when starting the 2-56 screws (only), you will be self-tapping them initially.

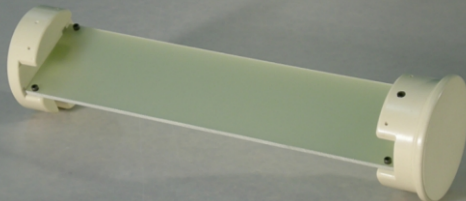
6



Completed Co-Pilot sled ready to install in the Intelli-Cone payload tube. The set screws must be fully retracted into the mount before sliding the sled into the tube.

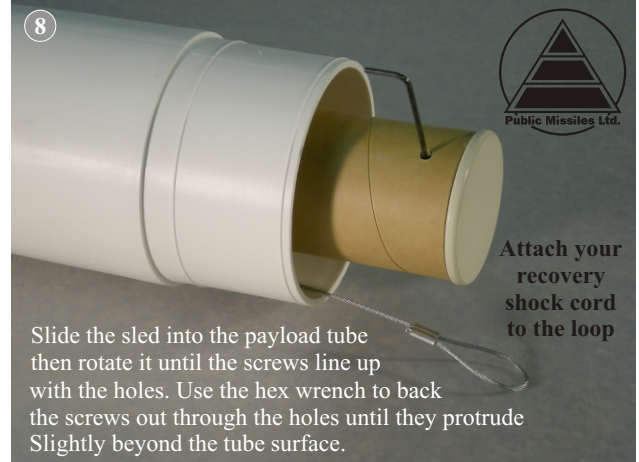
7

Completed sled (without electronics mounted*) ready to install in the Intelli-Cone payload tube. The set screws must be fully retracted into the mount before sliding the sled into the tube.



Obviously, it would be much easier to mount your circuit boards and batteries to the sled plate before installing the mounts to the board. We are showing the assembly with a blank sled for clarity.

8



Attach your recovery shock cord to the loop

Slide the sled into the payload tube then rotate it until the screws line up with the holes. Use the hex wrench to back the screws out through the holes until they protrude slightly beyond the tube surface.