Mechanical Risks

1. Water Ingress.
   * The case has passed water ingress experiments. Verify that when Top, Bottom, and Gasket are properly assembled they will seal. Procedure will be written, Assembly Techs will be trained, and assembly will be inspected.
2. Battery Securely Mounted
   * Risk of battery coming loose, however foam between battery and PCBA should help limit battery movement, helping to protect the case and PCBA from damage.
3. Case and Connector Drop Resistance – Does not break or crack, case stays properly sealed
   * Risk – 10 pin connector may be damaged, however extending the barriers around the connector may prevent this
4. Chemical Damage.
   * List chemicals unit may be exposed to
   * Research which materials will have the greatest resistance
   * Consult with molders