



1150 McBride Avenue  
Little Falls, New Jersey 07424-2500  
Tel. (973-785-6000)  
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## **Sr. Mechanical Engineering Specialist**

### **Responsibilities:**

- **Design vibration isolation systems using MATLAB/Simulink (or equivalent) to limit transmitted G's within the available sway space.**
- **Develop shock and vibration Design Verification Tests and use LabVIEW Data Acquisition test software (or equivalent) to acquire and post process the data to correlate the experimental results with the simulation predictions.**

### **Qualifications:**

- **Bachelor's degree in mechanical engineering with at least 5 years experience in the packaging, design and analysis of electrical and mechanical systems.**
- **Experience should include circuit card assemblies and hard mounted and vibration isolated mechanical components mounted in an overall enclosure.**
- **Familiarity with Mil Specs.**
- **Fluent in the use of Finite Element Analysis (FEA) software (such as ANSYS or equivalent) to determine static loads, modal frequency analysis, deflections, etc. Thermal modeling experience is desirable.**
- **Familiarity with shock and vibration system testing.**

**KEARFOTT CORPORATION**  
**Guidance & Navigation Division**

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