



**Posting Date:** July 23, 2010

**Job Title:** Principal Engineer - Aeronautical

**Department:** Flight

**Location:** Niagara Falls, NY

**Grade:** E9

**Job Duties:**

- Responsible for the analysis, design, integration and engineering of flight systems.
- Provide aerospace engineering support in the development of experimental flight engineering concepts.
- Provide engineering analysis of current test data as well as develop various engineering prototypes.
- Provide advanced aerospace engineering state-of-the-art modeling of integrated terminal and surface circuitry.
- Provide system testing and validation.
- Compile technical data and engineering schematics as well as formulate conceptual engineering designs to meet customer needs.
- Provide engineering direction to technical personnel involved in the design, fabrication, modification, and testing of products.
- Develop engineering design testing methods.
- Plan and conduct operational stress tests on aerospace systems and equipment.
- Evaluate test data and design for conformance to engineering principles, customer requirements, and quality standards; as well as contribute aerospace engineering expertise to continuing research and development programs.

**Required education, experience, and skills include:**

- M.S. in Aeronautical Engineering
- 10+ years experience in related engineering areas

**Knowledge of:** Aircraft stability and control, flying/handling qualities, flight control system design and analysis, flight simulation and parameter identification; engineering software tools; Microsoft Office.

**Ability to:** Act as project manager; develop and present proposals; work as individual contributor as well as a team player.

Please submit your resume to [resume@calspan.com](mailto:resume@calspan.com)