



## Systems Engineer

### Job Summary:

We are seeking a Systems Engineer to work collaboratively within our team of engineers. The Systems Engineer performs systems engineering activities identified by the Senior Systems Engineers, which may include development of systems and requirements, validation of requirements, and verification of implementation for certification and product assurance.

### Job Responsibilities:

- Performs Integration and test of avionic systems into aircraft programs.
- Perform analysis of complex requirements into subsystem architectures, hardware and software designs and interface specifications.
- Provide liaison activities for integration and support into customer architectures.
- Coordinate and perform subsystem integration, testing (lab, ground and flight) and certification of aircraft avionic systems.
- Provide engineering and technical support in all certification activities from Technical Standard Order (TSO) thru platform Type Certification (TC) or Supplemental Type Certification (STC).
- Manage requirements and provide evidence of requirement verification and validation.
- Identify and resolve system integration issues discovered during test activities.
- Manage communication supplier activities that include but are not limited to requirement definition and validation, documentation review and processing, design analysis, qualification testing, and certification coordination.
- Ensure that avionic solutions are within Engineering and Manufacturing scope, or determine an alternate method to meet product line requirements.
- Become a subject matter expert in avionic system qualification, physical and functional integration and installation design.
- Consistently provide feedback, ideas and solutions for decreasing time to market and improving the product integration process.
- Continuously identify, measure, follow, and improve processes associated with product line integration.
- Maintain the highest ethical standards and live by Howell ethics and business conduct policies.
- Some travel required.
- Performs additional duties as required.

### Job Requirements:

- Bachelor's Degree in Engineering or related field from accredited college or university.
- 2+ years system integration (hardware/software) and FAA certification familiarity
- Broad technical background in complex hardware and software integration
- FAA certification knowledge from TSO thru TC/SCT activities.
- General knowledge of aircraft and system level safety methods.
- Strong verbal and customer relations skills. Ability to work with all levels of internal and external management, engineering, manufacturing, technical publications, and field engineering departments.
- Good organization skills.
- Ability to multi-task on many product lines and set priorities.
- Must be a team player.



We offer an excellent benefits package, including life insurance, comprehensive medical and dental plan, profit sharing and retirement plan and 401(k) plan. Salary will be commensurate with experience, education and ability.

Qualified applicants should e-mail resumes to [hr@howellinst.com](mailto:hr@howellinst.com).

EEO/AA/F/M/Vet/Disabled