



Professional Opportunity

Range Safety Engineer

Job Description

Alphaport, Inc. has an opening for a Range Safety Engineer onsite at a NASA client facility in Cape Canaveral, FL. This full-time position will provide technical support to the NASA Range Safety Manager,

Key Responsibilities

- Develop, tailor, implement, and enforce NASA Range Safety Policy. Perform evaluations of range safety non-compliances, review range safety risk assessments, and provide recommendations to the Agency Range Safety Manager.
- Support risk assessment processes in flight testing and launch operations at NASA centers as well as the Eastern and Western Test Ranges.
- Review and update the suite of courses developed for the NASA Range Flight Safety Program. Assist in the development of any newly identified courses. Provide qualified instructors for the suite of NASA Range Flight Safety courses.
- Provide continued support for the development of joint Air Force Space Command, Federal Aviation Administration (FAA), and NASA range safety requirements as part of the Common Standards Working Group (CSWG).
- Review and update any NASA range safety Memorandum of Understanding (MOU) or Memorandum of Agreement (MOA), affecting policy or requirements. This includes researching, writing, and updating any documents or agreements required to support the NASA Range Flight Safety Program.
- Be proficient in performing analyses and assessments using widely accepted risk assessment tools and common criteria, such as Range Risk Assessment Tool (RRAT) and Joint Advanced Range Safety System (JARSS).
- Produce at least four articles per calendar year on Range Safety related topics.
- Support range safety systems development, which includes providing technical review and interfacing with programs developing new range safety systems such as the Enhanced Flight Termination System (EFTS), the Autonomous Flight Safety System (AFSS), and any new development that may have range safety system implications.
- Facilitate and aid in the establishment of Unmanned Aircraft Systems (UAS) requirements, processes, and procedures. This includes coordination across NASA Programs, Projects, and Centers, as well as the Department of Defense (DoD) and the FAA for consistency.
- Ensure technical competency and excellence throughout the NASA Range Flight Safety Program by remaining involved in the range safety community via support of Range Safety Panels, technical interchange meetings, forums, and conferences with other NASA Centers, Government agencies, and commercial enterprise.



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Education and Work Experience

- Minimum BS degree in Engineering or Science
 - Eight years of directly related experience may be substituted for a BS degree

Physical Requirements

Kneel, crouch, and manipulate (lift, carry, move) light to medium weights of 10 to 20 pounds. Requires good hand-eye coordination, arm, hand and finger dexterity, including ability to grasp, and visual acuity to use a keyboard, operate office equipment, and read information on spreadsheets and reports. The candidate frequently is required to sit, reach with hands and arms, talk, and hear.

Alhaporl, Inc. is an equal opportunity employer. Qualified applicants will be considered without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality, sex, or veteran status.

Due to contract requirements, U.S. citizenship is required to obtain access to government facilities and systems.

Local candidates only (Cape Canaveral, FL area). No relocation.

To express your interest in this position, please contact Human Resources at hr@alpha-port.com.