**Position Title:** Aerospace Engineer, UAS Performance & Modeling

**Location:** Charlottesville, Virginia at the National Ground Intelligence Center (NGIC)

**Clearance Requirement:** TS/SCI Security Clearance

**Status: FOR IMMEDIATE HIRE**

SE2S is seeking an Aerospace Engineer, UAS Performance & Modeling to support the technical exploitation of foreign systems and subcomponents for current and future technology at the National Ground Intelligence Center in Charlottesville, VA. We assess scientific and technical capabilities, forecast, and predict future capabilities and battlefield effectiveness, and create of high-fidelity models and simulations of systems. The candidate will conduct analysis and modeling of UAS performance, aerodynamics, structures, propulsion, stability and control to support the prediction of system capabilities and effectiveness as well as the identification of vulnerabilities for counter measure development.

**Job responsibilities include:**

* Determine the characteristics of current foreign military systems and predict future capabilities and battlefield effectiveness of such aerospace systems, including unmanned aerial vehicles (UAVs), helicopters, missiles, projectiles, air vehicles (subsonic, supersonic, and hypersonic) and their materials and mechanical/aeronautical structures.
* You will also determine air vehicle/projectile aerodynamic performance using modeling techniques and document vehicles in digital CAD models.
* Conduct analysis and reconstruct UAS aerodynamics, structures, propulsion, stability and control to support the prediction of system capabilities and effectiveness as well as the identification of vulnerabilities for counter measure development.
* Practical experience modeling, characterizing, and/or testing aircraft performance, stability and control with strong foundational experience in associated software tools (NDARC, CHARM, etc.) is required.
* Provide analysis on the refinement and deployment of expanded UAS modeling capability and the analysis and development of UAS for further dissemination through ICD compliant production processes.

**Education/Experience requirements:**

* Bachelors or advanced degree in STEM
* Seeking 3+ years of related experience
* TS/SCI Security Clearance

SE2S offers a highly competitive package of pay and benefits including Paid Time Off and Holidays, 401(K) match and flexible medical benefit plans for the well-being of you and your family. Applicants selected will be subject to a government security investigation and must meet eligibility requirements for access to classified information. For more information or to apply, email rmarshlack@stratsupport.com or visit [www.stratsupport.com](http://www.stratsupport.com)