ICBM OPERATIONS ANALYST

Posting ID: EM186054EF  
Company Website: https://www.americansystems.com/

Company: American Systems  
Work Location: Hill Air Force Base, UT

Position Type: Full-Time  
Salary: DOE

College Major(s): Mechanical Engineering (ME)  
College Level(s): PhD. Student, Alumni

OVERVIEW

AMERICAN SYSTEMS is currently seeking an Operations Analyst for an Operational Test and Evaluation position at Hill AFB, UT. The position supports the Air Force Operational Test and Evaluation Center (AFOTEC). This is a great opportunity to be on the cutting edge of our country’s next generation of Intercontinental Ballistic Missiles (ICBM).

Roles and Responsibilities
Responsible for providing technical assistance of operational effectiveness, suitability, and combat capability evaluations. Work includes development of test objectives and plans, test execution, data and results analysis, and reporting.

JOB DESCRIPTION AND DUTIES:
● Drafts operational effectiveness test plans, reports, and various supporting documents and briefings
● Assists the Test Director in timely preparation of high-quality analysis across the varied test venues during all test phases
● Contributes to all facets of test design and planning using in-depth knowledge of system under test, AFOTEC test policies, and test range capabilities
● Attends meetings and conferences as required

Position requires practical application of one or more of the following:
1. Independently formulating and applying design of experiments,
2. Independently formulating and applying analytical tools, specifically: means, medians, percentiles, deviations, ANOVA, Generalized Linear Regression, Logistic Regression, Multivariate Analysis, and Factor Analysis,
3. Independently creating automated analytical tool sets as necessary,
4. Academic and practical application of the verification, validation, and accreditation of modeling and simulation.

Approximately 10-20% CONUS travel will be required to multiple government and contractor facilities around the country, representing the government T&E team with program office, contractor, laboratory, and academic activities.
Education and Qualifications
- Bachelor of Science degree in Mathematics, Statistics, Operations Research, Industrial Engineering, or a related degree
- Test and Evaluation Experience
- 6 years of experience in the field of Operations Research
- Experience with Design of Experiments concepts and statistical principles
- Proficient in use of Microsoft Office products

Preferred Skills
- Operational Test Evaluation experience
- Familiarity with operational test planning, test procedures, data collection, analysis, and reporting
- ICBM operational testing experience

How to Apply
https://americansystems.hua.hrsmart.com/hr/ats/Posting/view/15893

For more information or questions contact:
Frank Costello, Task Lead, frank.costello@AmericanSystems.com