



# Aircraft Integration and Cyber Coordination Engineer

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| <b>Job ID</b>         | EC-NA1251EG                       | <b>Job type</b>          | Full-time Regular                       |
| <b>Work country</b>   | USA                               | <b>Position type</b>     | Professional                            |
| <b>Work city</b>      | Albuquerque                       | <b>Posted</b>            | 23 - August - 2020                      |
| <b>Relocation</b>     | No Relocation Assistance Provided | <b>Job area</b>          | Consulting & Services                   |
| <b>Travel</b>         | Occasional                        | <b>Job category</b>      | Engineering                             |
| <b>Business group</b> | DOE NNSA Support Services         | <b>Job role</b>          | Aircraft Integration/Cyber Coordination |
| <b>Business unit</b>  | ABQ                               | <b>Job role skillset</b> | Government Sector                       |

## Job description

The Office of Stockpile Modernization, of the US Department of Energy, National Nuclear Security Administration (NNSA) B61-12 Life Extension Program (LEP) Division, NA-125.1, has an immediate need for a full-time individual to assist the B61-12 LEP with aircraft integration and cyber coordination activities between the Department of Defense (DOD) and Department of Energy (DOE).

In this role, the individual will coordinate with NNSA Federal and contractor technical and programmatic staff on aircraft compatibility activities and the respective DOD and DOE cyber-security coordination programs. The individual will help to provide a comprehensive, coordinated approach to successfully managing and executing all aspects of the aircraft integration and DOD/DOE cyber coordination programs. The ideal candidate will have an in-depth familiarity with the following: nuclear weapon system design and aircraft interfaces; Air Force Nuclear Certification process; and cyber security certifications, authorizations and risk management frameworks.

The work performed is extensive in scope and requires experienced individuals with demonstrated program/project management, appropriate technical expertise, self-starting, ability to work in a highly dynamic environment, and interface with broad range of federal and military senior staff and leadership. This position requires advanced knowledge in the field of nuclear weaponry, aircraft integration and certification, safety and interface control, and aircraft operational test protocols.

With the following NOTE, this is a full-time contractor-support position ultimately located on-site at the NNSA offices in Albuquerque, NM; however, **teleworking until regular, on-site access is allowed**. Travel, **when again authorized**, is estimated up to 25%, to the Nuclear Security (NSE) sites and Continental United States (CONUS) Air Force Bases. Outside the Continental United States (OCUNUS) travel may also be required; currently estimated to be one trip/year.

**NOTE: This aircraft integration and cyber coordination engineer function is currently envisioned to be staffed by mid-career level individuals. The B61-12 Program, in parallel, is looking for individuals to additionally support the following three functions: (1) nuclear components production; (2) surveillance; and (3) maintenance, sustainment and logistics. Candidates will be evaluated based on their experience/expertise to support this function and aspects of these three other functions, including the core B61-12 Program.**

## Required/Desired Education, Experience and Skills

- **Active DOE Q and/or DOD TS clearance [REQUIRED]**
- Minimum Bachelor's degree in Engineering or Science, however, a degree in Business, Program/Project Management, or closely related field with relevant experience will be considered.
- Active DOD TS or DOE Q clearance.
- As a mid-career position, 10-15 years of relevant experience.
- Recent work in support of NNSA weapon systems and/or DOD aircraft, nuclear weapon, and cyber activities is desired.
- Program/project management in NNSA, DOD, government or corporate environments required.
- NNSA/DOD Interagency experience.
- Knowledge and experience in functions such as (Cyber) Authorizing Official (AO), AO Designated Representative, Security Control Assessor (SCA), SCA Representative, Information System Security Manager (ISSM), Information System Security Engineer (ISSE), or Information System Security Officer (ISSO) experience
- Ability to apply CNSSI 1253 security controls and NIST SP 800-series risk management to weapon systems is desired
- Knowledge of program and project management/scheduling tools and techniques.
- Excellent written and verbal communication skills with demonstrated experience in writing and editing briefings for senior and executive managers.
- Travel is required; anticipated to be up to 25% year, to US and potentially overseas locations.

## Position Summary of Key Roles, Responsibilities and Attributes

- Prepare inputs for analysis, test, certification, and planning documents, etc.
- Manage interfaces with AFNWC, Air Force Safety Center, AFOTEC, Design Agencies, and Production Agencies.
- Assist Federal staff to ensure that aircraft integration and certification program plans and solutions are proceeding on schedule and that deliverables conform to customer requirements, quality control standards and negotiated metrics.



- Assess and report on progress, impact, dependencies and trends on integration program components (flight test, lab test, analysis and capability development, etc.) and make recommendations for improvement or revision.
- Ensure that B61-12 integration program activities are reviewed, documented and reported in conformance with Defense Programs, NNSA, and DOE policy, procedures, and precedent.
- Communicate complex and controversial concepts to the Federal Program Manager (FPM) and stakeholders for supporting program and budget execution.
- Serve as subject matter expert advisor to the FPM and staff to resolve emerging issues and problems.
- Ensures cyberspace surety requirements are completely addressed throughout the lifecycle of the system.
- Ensures Authorization to Operate (ATOs) are maintained and development plans are established and executed for periodic upgrades that address ATO renewals.
- Writing and implementing plans to ensure that cyberspace surety requirements are completely addressed throughout the lifecycle of the system.
- Act as subject matter expert on establishment and execution of cyber policies and procedures through familiarity with identified knowledge requirements above.
- Attending and participating in Project Officer Group and sub-group meetings (joint DoD/NNSA) and within guidance provided by NNSA federal leadership.
- Provides program management support in the preparation, coordination, evaluation, review and analysis of program execution plans and tracking, monitoring, and reporting of program-specific milestones
- Provides regular updates to NA-12 leadership as required

#### **Additional information**

To be an official applicant to ESPHERA CONCEPTS, you must submit a resume and online application. Resumes submitted remain active for six months.

Candidates for positions that require a Security Clearance as noted in the requirements section of the opportunity posting will be subject to pre-employment eligibility screening to include background checks and drug screening.

Contact ESPHERA CONCEPTS opportunities link for career insights, news and latest job opportunities. To all recruitment agencies: ESPHERA CONCEPTS only accepts resumes from agencies on our Approved Agency List. Please do not forward resumes to our applicant tracking system, ESPHERA CONCEPTS employees, or send to any ESPHERA CONCEPTS company location. ESPHERA CONCEPTS is not responsible for any fees related to unsolicited resumes.

ESPHERA CONCEPTS is committed to creating a diverse environment and is proud to be an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, gender, gender identity or expression, sexual orientation, national origin, genetics, disability, age, or veteran status. ESPHERA CONCEPTS is also committed to compliance with all fair employment practices regarding citizenship and immigration status.