



**Requisition Number: 116**  
**Position: Combat Systems Alignment Engineer**  
**Location: Washington, DC (Potential Telework)**  
**Career Level: Senior**  
**Travel Percentage: <30%**  
**Type of Position: Full-Time – Contingent**  
**Relocation Available: No**  
**ITAR: US Citizen Required**  
**Security Clearance: DoD Secret Clearance**

#### **About Our Company**

Pugh Associates is a Veteran Owned Small Business, headquartered in St. Petersburg, Florida, providing quality Technical and Programmatic Solutions to our Government and Industry customers. Our dedicated staff prides themselves as the Subject Matter Experts in Ship Design, System Engineering, Test & Evaluation, Combat Systems Alignment, Integrated Logistic Support and Combat System Simulation. Pugh Associates is a great place to work and our team is inspired to provide our warfighters with the tools to defeat threats!

#### **Functional Responsibilities**

Provide technical support for shipboard surveys and System Engineering Tasks Associated with the Alignment of Combat Systems Elements on US Navy Surface Ships, USCG Surface Acquisition Programs, FMS, and Associated Land Based Sites.

#### **Description of Duties**

Some specific tasking will include:

- Oversee scheduling and conduct of Combat Systems Alignment (CSA) surveys in accordance with Combat Systems Alignment Manuals (CSAMs) and Standard Operating Procedures (SOPs).
- Participate as a stakeholder in Adaptation Data Change Review Boards (ADCRBs) to resolve issues, validate survey data and Operational Alignment Verification (OAV) results.
- Review correctness of Software (SW) to include New River Kinematics Spatial Analyzer (SA), Excel Marco's and formulars instructions and SOPs.

- Collaborate with Inservice Engineering Agent (ISEA), RMCs, warfare centers, shipyards, and fleet to managing CSA survey resources and activities. Provide Training and perform CSA measurements as required.
- Review, assess, and ensure documents, equipment, technology, and instructions are current and correct.
- Ensure all aspects of CSA meet accuracy requirements, including revisions for baseline upgrades.
- Demonstrate knowledge and understanding of; Combat System Alignment on ships afloat, Reference Planes and Benchmarks, Weapons Control Roller Path Reference, Element Foundation Verifications, Experience in modern and legacy (CSA) tools and techniques, Laser Trackers, Total Stations, Shipboard Leveling Systems
- Develop alignment procedures for new equipment such as SPY-6, SEWIP, and MK 46 Gun
- Review data analysis and measurement plan in Spatial Analyzer

**Minimum Education and Experience:**

- High school degree, or a GED with nine (9) years of direct Radar/Combat System Alignment experience or twenty (20) years of similar experience
- Bachelor's degree in a relevant field with seven (7) years of direct Radar/Combat System Alignment experience or fifteen (15) years of similar experience
- Master's degree in a relevant field with five (5) years of direct Radar/Combat System Alignment experience or ten (10) years of similar experience

**Required Skills and Certifications:**

- DoD Secret Clearance or ability to obtain an Interim Secret Clearance within 90 days of signing the contingent hire offer letter
- As a condition of continued employment, you must maintain an active security clearance

**Other required skills/experience:**

- Your resume/cv accepted by our customer
- Proficient in MS Office Word, Outlook, Excel, Access, and Power Point
- Strong attention to detail with organizational and problem-solving skills
- Ability to interface constructively with US Government and Industry teammates
- Excellent written, verbal, and interpersonal communication skills
- Ability to work independently and pro-actively in providing high quality services

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