



### **ENGINEERING FELLOW**

Serve as the recognized Subject Matter Expert in Low Observable Radar Cross Section technology for this premier defense contractor, responsible for predictions and measurements tests of developmental and production systems. **Note: This position could also be a Principal or Senior Principal Engineer.** Your objectives will include:

- **Understanding Organization:** Learn the company's products, processes, organization, people, etc., to become fully effective as a Subject Matter Expert in Radar Cross-Section and Low Observable technology.
- **Lead RCS Predictions/Measurement Tests:** Work on project inception architecture and analysis and program integration projects, focusing on documentation of all activities pertaining to Low Observable test preparation, data analysis, design trades, and prediction results.
- **Supplier Interface:** Develop insight into the supplier base, driving the selection of the best suppliers who can provide state of the art value add into new designs, and will be able to produce products to complement new designs.
- **Business Development Capture:** Play a significant role in pursuit and capture of new programs, by influencing the proposal process, shaping proposal requirements and artifacts, and ensuring the program can be successfully executed once won.
- **Mentoring:** Guide the development of the engineering personnel in radar cross-section / low observable technology, and seek out and establish apprenticeships to enable a teaching culture.
- **Cross-Function Interface:** Actively engage in cross business activities and collaborate with peers across the businesses.
- **R&D:** Work on both IRAD and CRAD projects related to area of expertise.

### **BACKGROUND AND EXPERIENCE:**

**Education:** BS degree required. Master's degree desired.

**Security Clearance:** Existing DoD Secret clearance required. TS or higher desired.

**Desired Experience and Skills:** 12 years or more applicable experience focused on radar cross-section / low observable technology.

- Experience with missiles/weapons a strong plus.
- Prior work experience performing RCS measurement/testing, prediction, and design.
- Working knowledge of full wave computational electromagnetic codes and full wave codes, as well as asymptotic techniques using industry standard tools such as CPATCH ProE, ACAD, Patran, CARLOS, SENTRI, and PioneerRCS.
- Academic or applied experience utilizing RF testing techniques, terminology, and test equipment.
- A plus:
  - Multiple tests of LO targets on ground plane ranges and compact ranges.
  - Absorber material treatments / design and testing experience (coatings, paint, MAGRAM)
  - Understanding of electromagnetic fundamentals.

If you have strong interpersonal skills, high EQ (emotional intelligence), love to work with high-powered teams, and interested in cutting edge technology, we want to hear from you. Position is based in the southwestern US.

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