



## Position Vacancy Announcement Alaska Aerospace Corporation

### *Chief Engineer Position*

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**Alaska Aerospace Corporation (AAC)** is a public corporation of the State of Alaska headquartered in Anchorage, Alaska that operates the Pacific Spaceport Complex – Alaska (PSCA) located on Kodiak Island, Alaska. AAC was created to take the lead in the development of the aerospace industry in Alaska and has conducted seventeen launches from PSCA since first becoming operational in 1998.

#### **Position Description**

Under direction of the President and Chief Executive Officer, performs as technical and engineering Lead for AAC. The Chief Engineer plays a key role in ensuring 100% Mission Success through ensuring rigorous application of technical decision making and leveraging engineering discipline capability. This position ensures appropriate application of Engineering standard work and performance and quality of product requirements. Responsible for:

- Oversight and day-to-day control of all engineering, systems engineering, and technical requirements for AAC projects, with focus on systems engineering and project management of launch missions and the site;
- Maintenance requirements for launch support systems (includes communications, tracking, and telemetry systems);
- Readiness and operability of all range safety, telemetry, communications, and launch control center systems;
- Readiness and operability of hardware safety systems in use at PSCA. Site facility and equipment maintenance requirements (including mechanical and vehicle systems);
- Adequacy and operability of all hardware safety systems in use at PSCA;
- Ensuring adequacy and documentation of system troubleshooting and repair;
- Lead/chair of design reviews for facility and launch system changes; engineering budget planning, preparation, and control, to include an engineering estimate/review of costs and prices;
- Drawing management and configuration control of all facilities, systems, hardware, and software; and
- Other related duties as assigned.

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The Chief Engineer represents Engineering within the senior management team and serves as the technical interface with external customers. Business Development support (including planning, estimating, and budgeting) and regular face-to-face interfaces with customers are part of the normal duties associated with this job.

Strong written and verbal communication skills are required. The Chief Engineer is responsible for effective prioritization and control of engineering needs for all of AAC. Development and training of site personnel to support engineering requirements are integral parts of the job. The position requires interpersonal skills needed to work with a diverse team of AAC and customer personnel, including identifying strengths of the team, and growing the skills and talent to mitigate any weaknesses or gaps in the staffing portfolio of AAC.

The position requires familiarity with a broad range of commercial and light industrial hardware and electrical systems and practices associated with a launch facility. This is a multi-disciplinary position requiring minimal hands-on design engineering experience and tasking. This position requires training to eventually be able to perform at a variety of Launch Operations console positions.

The position is located in Anchorage, Alaska. It is a nominal 40-hour, 5-day workweek with occasional overtime. Launch campaigns require significant overtime and schedule flexibility. Travel is expected at about 15% - 20%.

## Required

- BS in Engineering or hard science from an accredited university.
- Experience in a missile or rocket launch environment, with a solid working understanding of communications systems, electrical systems, and telemetry/RF systems.
- A minimum of seven years of experience directly related to commercial and light industrial systems or projects such as electronic systems, HVAC, plumbing, mechanical systems, and equipment maintenance.
- An overall demonstrated increase in responsibilities in previous jobs, including formal systems engineering, project management, and budgetary responsibilities.
- Demonstrated strength in written and verbal communications.
- Proven ability to work well in an open team environment.
- Ability to effectively coordinate with customers, engineers, architects, contractors, and consultants to analyze technical and project requirements
- Ability and willingness to work in a controlled hazardous environment with exposure to highly energetic materials and chemicals
- Working knowledge of Microsoft Office software required
- Must possess mobility to work in a standard office setting and use standard office equipment, including a computer; stamina to sit and to maintain attention to detail despite interruptions; may occasionally lift/carry/push/pull up to 40 pounds; may require minimal walking, climbing, stooping, crouching, and/or bending; and vision to read printed materials and a computer screen, and hearing and speech to communicate in person and over the telephone

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- Willing and able to work overtime and shifts as required
- Must be able to obtain and maintain a U.S. Security Clearance at the appropriate level (requires U.S. Citizenship)
- Must be able to satisfy federal government requirements for access to government information
- Travel of approximately 15%-20%

## Other Desirable Qualifications

- A working understanding of communications systems, electrical systems, and telemetry/RF systems is a minor preference.
- Advanced degree in a related field
- Project/Program management demonstrated experience or certification (such as a PMI certification)
- Experience with computer-based financial tools such as ProPricer and JD Edwards Enterprise One.
- Business Development expertise, including Federal government project proposal development

## Possible Career Path(s)

- Launch Console staffing in various positions
- Increasing Engineering responsibilities
- AAC senior leadership

## To Apply

Please send a cover letter, resume, and three recommendation letters to John Cramer, Alaska Aerospace Corporation, 4300 "B" Street, Suite 101, Anchorage, AK 99503. This position will remain open until filled.