

Principal / Sr. Principal Ground Hardware Engineer (Alice Springs, AU)

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Company: Northrop Grumman

Location: Australia

Category: other-general

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Principal / Sr. Principal Ground Hardware Engineer (Alice Springs, AU) Requisition ID:

R10130120 Category: Engineering Location: Alice Springs, Northern Territory, Australia

Citizenship required: United States Citizenship Clearance Type: Polygraph Telecommute:

No- Teleworking not available for this position Shift: 1st Shift (United States of America)

Travel Required: Yes, 10% of the Time Relocation Assistance: Relocation assistance may be

available Positions Available: 4 At Northrop Grumman, our employees have incredible

opportunities to work on revolutionary systems that impact people's lives around the world

today, and for generations to come. Our pioneering and inventive spirit has enabled us to be at

the forefront of many technological advancements in our nation's history - from the first

flight across the Atlantic Ocean, to stealth bombers, to landing on the moon. We look for people

who have bold new ideas, courage and a pioneering spirit to join forces to invent the future,

and have fun along the way. Our culture thrives on intellectual curiosity, cognitive diversity

and bringing your whole self to work — and we have an insatiable drive to do what others think is

impossible. Our employees are not only part of history, they're making history. Strategic Space

Systems Division (SSSD) is an industry-leading provider for launch systems capabilities

serving national security, military, civil and commercial customers. We are built on a

heritage of providing innovative, affordable and reliable aerospace and defense products

that our customers rely on to achieve mission success. Join the Space revolution and

make the impossible, possible. Northrop Grumman, Strategic Space Systems Division, is

seeking a Principal / Sr. Principal Ground Hardware Engineer to become a member of

the Ground Terminal and Infrastructure Department, working as part of a motivated, diverse, and technically talented group located at a field site in Alice Springs, AU. This position can be filled at a level 3 or 4. This role requires a two (2) year commitment and the ability to successfully pass a physical and psychological exam. Shifts are typically from 7:30am to 4:00PM Monday - Friday with only the odd occasions of off hours or long hours needed for special activities. A comprehensive overseas compensation package is offered with this position including relocation assistance. A comprehensive overseas compensation package is offered with this position including relocation assistance.

Role Summary

The Ground Hardware Engineer provides operation, maintenance, and repair for the ground terminal architecture at a customer's site as a part of a highly skilled and specialized team, insuring the availability of critical mission system. You will leverage your background experience and skills to provide time-critical observation, assessment, repair, and monitoring of complex communications systems and data links providing sustained operation. Furthermore, you will articulate your recommendations to the customer to inform decisions on mission critical infrastructure and equipment. Provide daily activities and after-hours 24/7 response for the technical operations, maintenance, and repair of end-to-end communications capabilities. Oversee the operation, maintenance, and repair of communications systems and components for ground to space communication links. Craft and execute preventative maintenance plans for large antenna platforms and associated equipment. Apply technical knowledge of electronics principles to determine equipment malfunctions and apply skills to restore mission critical operations at the system, sub-system, line replaceable unit, and board level. Operate, maintain, repair/replace, and install various types of electrical equipment and devices related to all aspects of satellite communications to include: antennas, servo systems, transmitters, receivers, mixers, switches, modems, upconverters/downconverters, amplifiers, network analyzers, noise figure analyzers, spectrum analyzers, oscilloscope, power meters, signal generators, fiber optic transmitters/receivers, waveguides, coaxial cable, and associated wiring and peripherals. Apply Comprehensive technical knowledge to solve complex problems by interpreting manufacturer's manuals or similar documents. Support development teams generating the next stages of mission execution infrastructure and systems culminating in integration, operation, and maintenance of these systems. Utilize sound technical writing to document equipment failures, prepare status reports, and assist in developing concepts of operations (CONOPs) and improvements to the operations of communication.

systems Provide technical guidance to programmatic processes for future enhancements and system upgrades attend meetings with government employees and other contractor teams Demonstrate proficiency and initiative in daily activities and carry a professional attitude towards customers and colleagues at all times Position may require planned and emergency travel throughout the year to various locations within the region The successful candidate must also be able to satisfy the following physical demands: Ability to work on elevated structures at heights of ~100 feet Ability to climb stairs (~300 stairs/day) Ability to lift and carry ~45lbs Ability to work in narrow and confined spaces Perform other related duties as required Provide COMSEC support, as required

Basic Qualifications for a level 3: Bachelor's Degree in a related discipline with 5 years of engineering/technical experience OR Master's Degree with 3 years of engineering/technical experience OR High School Diploma/G.E.D plus 9 years of engineering/technical experience. Possess and demonstrates work related experience with the operation, maintenance and repair of RF Communication systems Possess system level test experience working with antenna/ground hardware Active DoD Top Secret Clearance & SCI Access Ability to obtain/Pass CI Poly Examination

Basic Qualifications for a level 4: Bachelor's degree in a related discipline with 9 years of engineering/technical experience OR Master's Degree with 7 years of engineering/technical experience OR High School Diploma/G.E.D plus 13 years of engineering/technical experience. Possess and demonstrates work related experience with the operation, maintenance and repair of RF Communication systems Possess system level test experience working with antenna/ground hardware Active DoD Top Secret Clearance & SCI Access Ability to obtain/Pass CI Poly Examination

Preferred Qualifications Active DoD Top Secret Clearance / SCI Access with a counterintelligence(CI) polygraph examination adjudicated within the last four years SATCOM system experience Experience with HVAC Units and power distribution equipment Previous experience working on location and/or in the field to support the Department of Defense and/or the Intelligence Community is highly desirable. Practical EW/RF systems knowledge gained through design, construction, and or tactical communications system experience; experience in military settings is a plus Ham radio experience/license beneficial COMSEC Experience beneficial Fork lift and Elevated work platform license/experience

Salary Range: \$86,300 - \$129,500 **Salary Range 2:** \$107,000 - \$160,400 Employees may be eligible for a discretionary bonus in addition to base pay. Annual bonuses are designed to reward individual contributions as well as allow employees to share in company results. Employees in Vice President or Director positions may be eligible for Long

Term Incentives. In addition, Northrop Grumman provides a variety of benefits including health insurance coverage, life and disability insurance, savings plan, Company paid holidays and paid time off (PTO) for vacation and/or personal business. Northrop Grumman is committed to hiring and retaining a diverse workforce. We are proud to be an Equal Opportunity/Affirmative Action Employer, making decisions without regard to race, color, religion, creed, sex, sexual orientation, gender identity, marital status, national origin, age, veteran status, disability, or any other protected class. For our complete EEO/AA and Pay Transparency statement, please visit <http://www.northropgrumman.com/EEO> . U.S.

Citizenship is required for most positions. Apply Now Search All Jobs Apply Now What's great about Northrop Grumman Be part of a culture that thrives on intellectual curiosity, cognitive diversity and bringing your whole self to work. Use your skills to build and deliver innovative tech solutions that protect the world and shape a better future. Enjoy benefits like work-life balance, education assistance and paid time off. Did you know? Northrop Grumman leads the industry team for NASA's James Webb Space Telescope, the largest, most complex and powerful space telescope ever built. Launched in December 2021, the telescope incorporates innovative design, advanced technology, and groundbreaking engineering, and will fundamentally alter our understanding of the universe. Your Privacy We use cookies to enhance your website experience. To find out more, read our updated privacy policy and cookie policy, Privacy Preference Center When you visit any website, it may store or retrieve information on your browser, mostly in the form of cookies. This information might be about you, your preferences or your device and is mostly used to make the site work as you expect it to. The information does not usually directly identify you, but it can give you a more personalized web experience. Because we respect your right to privacy, you can choose not to allow some types of cookies. Click on the different category headings to find out more and change our default settings. However, blocking some types of cookies may impact your experience of the site and the services we are able to offer. Learn More Manage Consent Preferences

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