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**RADIO TECHNICIAN**

**Job Ad**

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| **Reporting To:** | Engineering Supervisor | |
| **Division:** | Maintenance Department [Facilities] | |
| **Grade Level:** | 7.1 | |
| **Remuneration:** | $56,037.00 | |
| **Special Requirements:** | N/A | |
| **Employment Type:**  Continuous Employment  Fixed Term Contract  Independent Contractor  Consultant  Intern | **Hours:**  Full-Time  Part-Time  Part-Time Shift  Casual/Flexible | **Location:**  All Island  Providenciales  South Caicos  Grand Turk  Salt Cay  North and Middle Caicos |

**About The Turks and Caicos Islands Airports Authority**

The Turks and Caicos Islands Airports Authority (“TCIAA”) (established under The Airports Authority Ordinance, Ord.11 of 2005) is responsible for constructing, controlling, and managing airports, and providing and maintaining runways, taxiways, and terminals for the efficient operation of airports in the Turks and Caicos Islands. Its current portfolio consists of owning and operating six airports while providing air navigation services for the low-level airspace above the territory. Our mission is to provide world-class airport facilities and operations through high standards in safety, security, quality, efficiency, innovation, and customer service, recognising their importance to the overall socio-economic development and strategic growth of the Turks and Caicos Islands.

**About the role**

The Radio Technician is responsible for predictive, preventative, and corrective maintenance of Electrical Systems, Radio Systems, Communication Systems, and Navigational Aids equipment related to Air Navigation Services under the direction of the Engineering and Maintenance Manager in accordance with established standards and recommended practices.

The core responsibilities are to maintain the availability and integrity of all Air Traffic Engineering equipment by employing the policy, procedures, and processes detailed within the Air Traffic Engineering Services (ATES) Exposition and Quality Control Manual and to ensure minimal disruption of Air Traffic Engineering Services operations. Responsibilities: To carry out routine preventive maintenance of communication navigation and Security.

**Responsibilities and Key Deliverables**

* Performs predictive, preventative, and emergency maintenance on electrical systems, radio systems, communication, and navigational equipment in accordance with established standards and recommended practices and procedures.
* Performs routine preventative maintenance, repairs, and installation of Airfield Ground lighting and equipment.
* Performs routine preventative and corrective maintenance installations and repairs on security screening x-ray machines.
* Performs routine preventative maintenance, repairs, and installations of VHF transmitters, receivers, transceivers, and voice communications control systems.
* Perform routine maintenance and repairs in the upkeep of aeronautical telecommunications networks.
* Perform routine preventative maintenance, correction maintenance, and installations of AWOS Systems.
* Performs first-level maintenance on electrical power generating and power systems; maintenance and upkeep for these systems must meet OTAR 171, ICAO Annex 10, and ICAO DOC8071 standards and requirements.
* Able to work on shifts, weekends, and holidays.
* Any other task issued by Engineering & Maintenance Manager & CEO.

**Competencies**

* Technical Expertise in installing, maintaining, and troubleshooting two-way radio systems (VHF/UHF/digital/analog).
* Strong knowledge of RF principles, electronics, and communication infrastructure.
* Proficient with testing tools such as multimeters, spectrum analyzers, and signal generators.
* Understanding of regulatory standards and safety protocols.
* Problem-solving and analytical skills to diagnose and resolve technical issues efficiently.
* Attention to detail and accuracy in system configuration and documentation.
* Effective communication for reporting, teamwork, and user support.
* Adaptability and willingness to learn new technologies in a fast-paced environment.
* Teamwork and collaboration with engineers, operations staff, and external vendors.

**Education Requirements**

* A high school diploma or equivalent;
* Preferred Post-Secondary Education:
* Associate Degree or Technical Diploma in one of the following fields:
  + Electronics Technology

Telecommunications

Electrical Engineering Technology

Radio Communications

Information & Communication Technology (ICT)

Relevant technical certifications or degrees are preferred.

**Experience Requirements**

* Hands-on experience with two-way radio systems (VHF/UHF, digital and analog).
* Skilled in installing, maintaining, and troubleshooting radio equipment, antennas, and related infrastructure.
* Familiarity with RF principles, signal testing tools, and electronics repair.
* Experience working with trunked or conventional radio systems.

**Benefits**

* Private Medical Insurance (with Life Policy included)
* Employee Savings Programme
* TCIG Public Sector Employee Pension Scheme
* Training and Certification Opportunities as determined required and/or appropriate by the CEO.

**Interested Individuals must submit:**

* Cover Letter
* Resume
* 2 reference letters confirming competence for the role
* Current Police Record

No later than May 9th 2025:

To: Human Resources Manager

Turks and Caicos Islands Airports Authority

Providenciales International Airport

Telephone# 649-941-8692, Fax# 9415996. Email: hrrecruitment@tciairports.tc

Turks and Caicos Islanders Only Need Apply