

## ENGINEERING TECHNICIAN III

### Summary

Engineering Technician with an extensive troubleshooting, repair, and installation background. Thorough knowledge of Electrical, Mechanical, Pneumatic and computer systems. Self-starter who quickly masters new skills and systems.

### Highlights

- Extensive Troubleshooting and repair proficiency
- Interpretation of schematics, blueprints and drawings
- Quick to act on customer service requests/issues
- Resolve issues down to the component level
- Document work performed through internal database
- Proficient in AC/DC motor systems and theory
- Electrical Power Generation
- Data Acquisition systems
- Red-line documents and implement changes
- Excellent written and verbal communication
- Environmental/ESS Chamber repair
- Pneumatic system design/repair and leak detection
- Solenoid and valve replacement
- Lock out/Tag out, Arc Flash, Live Electrical and ESD certified
- Labview software
- PC and ESS Monitor repair
- Customer service-oriented
- Strong safety awareness
- Excellent problem solver
- Strong attention to detail

### Accomplishments

Troubleshoot and repaired test equipment for several AOG's (Aircraft on ground) to satisfy customer (Delta Airlines) demands.

### Experience

Engineering Technician III 07/2013 to Current Company Name City , State

- Responsible for all Test Equipment Maintenance on-site to include Production, Repair & Overhaul, Engineering and Environmental labs.
- Responds to test equipment Service requests through the TESR/TPM system.
- Works closely with Engineering, Electricians, Facilities, and Metrology to resolve issues.
- Areas of responsibility include Electrical Power Generation, Cabin Pressure, Fuel/Advance Controls and Sensors, Electronics, and Environmental Labs.
- Troubleshoots down to the component level and resolve root cause.
- Troubleshooting/repairing pneumatic pressure and vacuum systems.

Generator Test Technician III 08/1999 to 07/2013 Company Name City , State

- Setup and perform functional acceptance testing of aircraft and ground power generators using manual and automated test equipment in accordance with applicable test procedures. Record test data and accept or reject units through the use of functional test stamps. Responsible for troubleshooting test failures to the component level. Also performs various assembly processes when required. Works with various and specialized test equipment such as volt meters, ohm meters, power meters, dielectric testers, etc. Completes trouble reports and yield tracking logs. Other duties include safety representative and Metrology coordinator for department. E.S.D. certified and meets ISO-9001 standards and requirements.

Unmanned Aerial Vehicle (UAV) Maintenance Technician 02/1998 to 08/1999 Company Name City , State

- Performed airframe and power plant maintenance on forward observing reconnaissance aircraft. Maintained engine proficiency by adjusting valves, ignition points, and performed highly advanced computer aided diagnostic testing. Inspected airframes for structural damage and performed high-tech composite repair procedures using precision sanding and measuring equipment. Skills include electrical safety and explosive ordnance handling.

Electrical Power Generation Equipment Repairer Technician 08/1996 to 08/1999 Company Name

- Performed maintenance on mobile utility precise power generation sets, and internal combustion engines. Administered troubleshooting procedures on electronic equipment using wiring schematics and diagrams. Maintained diesel and gasoline engines by adjusting valves, carburetors, ignition points, alternators, regulators, and solenoids. Performed maintenance services such as lubrication, oil change, radiator flushes and repaired small motor generators. Supplied electrical power to numerous field customers.

### Education

Certificates 1998 State

â€¢Certificate, UAV Mechanical Technician course, U.S. Army, Ft. Huachuca, AZ, completed 1998

â€¢Certificate, UAV Maintenance Technician Common course, U.S. Army, Ft. Huachuca, AZ, completed 1998

â€¢Certificate, Power Generation Equipment Repairer, U.S. Army, Aberdeen Proving Ground, MD, completed 1996

â€¢Certificate, Power Generation Equipment Repairer, U.S. Army, Aberdeen Proving Ground, MD completed 1990

â€¢Diploma, Pueblo High School, Tucson, AZ, graduated 1996

Bachelor of Science : Professional Aeronautics Embry Riddle Aeronautical University City , State , U.S

Completed 2 years

#### Skills

Live Electrical, Arc Flash, Lock-Out/Tag-Out, ESD, functional testing, test equipment repair and operation, troubleshooting, ISO-9001 standards, electrical equipment operation, Mechanical repair, oil servicing, Power Generation, soldering, electrical component repair, safety awareness, schematics, blueprints, drawings, various testing equipment, equipment/wiring installation, solenoid/valves, PC repair, fabrication, well organized, self motivated, excellent written and verbal communication skills,