

STAFF SERGEANT (E-5), PAVEMENT & CONSTRUCTION EQUIPMENT CRAFTSMAN  
Summary

Solutions-focused, versatile management professional veteran offering a comprehensive background supporting U.S. military operations in roles of increasing responsibility during a 8-year career in the United States Air Force. Effective communicator who quickly masters new roles and technologies to achieve positive results.

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Experience

Staff Sergeant (E-5), Pavement & Construction Equipment Craftsman 12/2012 to Current Company Name City , State

- **General Project Manager:** Managed various projects and necessary personnel, to include but not limited to, removal/replacement of dilapidated asphalt roads, removal/replacement of upheaved concrete sidewalk.
- **Airfield Repair Project Lead :** Effectively lead 12 personnel in repairing 267 airfield concrete spalls securing the Air Traffic Control Movement Area for Minot AFB B-52 bombers.
- **Snow Shift Leader :** Supervised 15 military and civilian personnel/managed 16 million dollar equipment fleet in clearing 1.8 million square feet of airfield pavements, 76 miles of base roadways, 2.1 million square yards of pavements.
- **Reporting Official :** Tasked with writing annual performance reports and biannual feedback reports for 3 personnel as well as promoting compliance with all USAF rules and regulations.
- **Antiterrorism/Force Protection (AT/FP) Barrier Plan Program Manager :** Guided 13 equipment operators in hauling/placing 517 vehicle barriers safeguarding 55 mission critical facilities. Overhauled AT/FP Barrier Plan as construction and new facilities altered the layout of Minot AFB.
- **Lock Out Tag Out Manager :** Successfully revamped program and trained 53 personnel on proper procedures and regulations.
- **Snow School Instructor :** Instructed interdepartmental, annual snow school for up to 56 career-augmented personnel. Trained personnel on proper equipment operating techniques, proper safety protocol and snow removal priorities.

Senior Airman (E-4), Electrical Power Production Journeyman 06/2010 to 08/2012 Company Name City , State

- **Project Leader :** Led work crews in installing and maintaining all power generation equipment, responsible for \$5.2 million in equipment supporting critical facilities for 1 Special Operations Wing, Head Quarters AFSOC and 38 tenant units under direct supervision.
- **Shop Logistic Inventory Manager :** Maintained accountability on over 10,000 dollars of essential parts for mission critical generator power production assets. Conducted weekly inventory count and ordered parts as needed. Secured fund availability by reporting shop stock records to leadership, to enable decisions on parts funding.
- **Quality Assurance Program :** Managed generator quality assurance program, found and corrected over 25 discrepancies providing oversight for over \$650 thousand dollars worth of assets.
- **CPR/AED Instructor :** Conducted monthly American Heart Association CPR/AED classes preparing over 300 personnel for contingency.
- **CES Booster Club Member :** Organized booster club and volunteered in executing various fundraisers culminating in over 10 thousand dollars for the support of squadron morale events.

Senior Airman (E-4), Electrical Power Production Journeyman 01/2011 to 07/2011 Company Name City , State

- **Deployed to Special Operations Central Command at Macdill AFB, FL** (Forward deployed to Amman Jordan)
- **Power Production Journeyman :** Repaired three generators saving the Special Forces unit 125,000 dollars and preparing the generators for rapid deployment. Relentless work ethic enabled the engineering team to complete over 300 work orders on compound facilities valued at 15.2 million dollars.
- **Awarded Joint Commendation Medal :** Facilitated troop movements for 58 high value personnel and installed two generators for the Multi-National exercise Early Victor. Directly contributed to the successful training of Special Forces leadership and teams from three different countries.

Airman First Class (E-3), Electrical Power Production Apprentice 06/2007 to 06/2010 Company Name City , State

- **Equipment Operation & Maintenance :** Installs, operates and maintains 37 permanently installed/46 mobile generators, including 2.8 Mega Watt power plant. Provides comprehensive customer training of emergency generator operations and automatic transfer panels (ATP). Performs preventive maintenance inspections on ATPs, aircraft arresting systems (AAS) and Barrier Arresting Kits. Valuable member of Prime Base Engineer Emergency Force team and AEF Enabler; worldwide deployable.
- **Safety Program Monitor :** Monitored shops safety program; completed and corrected spot inspections. Zero wing safety inspection right ups

Airman First Class (E-3), Electrical Power Production Apprentice 06/2008 to 01/2009 Company Name City , State

- **Electrical Power Production Apprentice :** Maintained 277 generators with automatic transfer panels and seven Aircraft Arresting Systems valued at \$16 million dollars in critical equipment. Critical member of construction and install of two permanent BAK-12 systems valued \$2 million dollars while eliminating \$36 thousand dollars contractor costs.

- **Electrical Power Production Apprentice** :Developed basic knowledge of: Installing, operating, and modifying electrical generators, power production plants and equipment, and aircraft arresting systems.

#### Skills

#### **Generator Operation & Maintenance Skills including Automatic Transfer Switches and Aircraft Arresting Systems**

- Extensive knowledge of equipment operation including:
- Ability to troubleshoot and fix generators of all brands and sizes
- Advanced capability to install generators automatic transfer panels and Aircraft Arresting Systems
- Great skill in tracing circuits to figure out solutions for electronic problems.
- Ability to figure out load bearing equipment for the right generator size.

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#### **Equipment Operation & Maintenance Skills with extensive knowledge of equipment operation including:**

- Airfield Front Mounted Rollover Plow
- Dual Drum Steel Wheel Roller
- Sheep's Foot Roller
- Airfield Front Mounted Snow Blower
- Dump Truck-Single Drum Steel Wheel Roller
- Airfield 18' Front Mounted Snow Removal Broom
- Excavator-Skid steer Loader w/ Attachments
- Airfield 20' Front Mounted Snow Removal Plow
- Grader
- Street Sweeper
- Backhoe Loader
- Industrial Tractor
- Trencher
- Bulldozer
- Pneumatic Roller
- Water Truck
- Crane-Scoop Loader

#### **Rigid Pavement Installation & Repair Skills**

##### **Extensive knowledge of concrete operations from start to finish including:**

- Excavation of existing material and/or degraded concrete
- Laying subgrade and base course with proper compaction techniques
- Setting aluminum forms (both rigid and flexible)/setting wood forms -Preparing to pour and pouring concrete
- Finishing concrete with a full range of hand and power tools
- Landscaping the surrounding area and cleaning the work site

#### **Flexible Pavement Installation & Repair Skills**

##### **Extensive knowledge of asphalt operations from start to finish including :**

- Removing degraded asphalt and/or existing material Preparing subgrade and base course.
- Paving with hot mix via paver/grader/by hand Paving with cold mix
- Rolling with both pneumatic tire rollers and steel wheel rollers. Landscaping the surrounding area and cleaning the work site
- Snow Removal Operations.
- Extensive knowledge of snow removal operations including:
- Snow removal from active airfields to ensure safety of all incoming and outgoing flights.
- Providing snow removal from parking lots and neighborhoods to ensure safe travel for 11.6 thousand base personnel.

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#### **Communication Skills**

- Excellent leadership ability and overall group instruction
- Project estimation and planning aptitude
- Excellent public speaking ability
- Superior technical writing capability
- Program design and management

## Education

Associate of Applied Science : Construction Technology 2014 Community College of the Air Force City , State

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### **Airman Leadership School, ( Commandant Award Winner) Â**

Minot AFB, ND Feb 2013 - March 2013

- Classes included Leadership & Management, Managerial Communications, Military Studies, and Total Quality Management.
- Awarded Commandant Award for outstanding leadership ability .

### **Civil Engineering Silver Flag Training Program Â**

Tyndall AFB, FL April 2014

- Tasked with airfield damage repair during a week-long field exercise to simulate establishing and running a fully operational base in a contingency environment.

### **Pavement & Construction Equipment Career Development Course , Minot AFB, ND December 2012 – Feb 2013**

- Career Development Courses are designed to improve upon the basic skill and knowledge learned during Technical Training across a wide spectrum of subjects pertaining to the Pavement & Construction Equipment career field.

### **Pavement & Construction Equipment Technical Training Â**

Ft. Leonard Wood, MO September 2008 - April 2009

- Developed initial equipment operation & pavement implementation skills, and cultivated knowledge in chosen career field.

Associate of Applied Science : Electrical and Mechanical Technology 2014 Community College of the Air Force City , State

### **Troubleshooting Electrical Power Generation Equipment Course Â**

Sheppard AFB, TX September 2009

- This program covers the advanced fundamentals of troubleshooting and tracing circuits in all power generation equipment.

### **Contingency Power Generation and Force Bedown Course Â**

Sheppard AFB, TX December 2011

- This program covers all contingency generator and power plant operations in a deployed environment.

### **Electrical Power Production Career Development Course Â**

Hickam AFB, HI July 2007– July2008

- Career Development Courses are designed to improve upon the basic skill and knowledge learned during technical training across a wide spectrum of subjects pertaining to the career field.

### **Electrical Power Production Technical Training**

Sheppard AFB, TX March 2007 - June 2007

- Developed initial equipment operation & pavement implementation skills, and cultivated knowledge in chosen career field.

### **Basic Military Training**

Lackland AFB TX January 2007 – March 2007

- Learned foundation of military culture, military bearing, discipline and USAF history.

#### Awards

- 1. Joint Service Commendation Medal
- 2. Air Force Achievement Medal
- 3. 2 Meritorious Unit Awards
- 4. 2 Air Force Outstanding Unit Awards
- 5. 2 Air Force Good Conduct Medals
- 6. National Defense Service Medal
- 7. Iraq Campaign Medal
- 8. Global War on Terrorism Service Medal
- 9. Air Force Overseas Ribbon Short
- 10. Air Force Overseas Ribbon Long
- 11. Air Force Expeditionary Service Ribbon with Gold Border
- 12. Air Force Longevity Service
- 13. USAF NCO PME Graduate Ribbon
- 14. Small Arms Expert Marksmanship Ribbon (Rifle)
- 15. AF Training Ribbon