

Shawn Meyer

Controls Engineer, Mechanical Engineering

Brookhaven, PA - Email me on Indeed: [indeed.com/r/Shawn-Meyer/284c4cbc103eae12](https://www.indeed.com/r/Shawn-Meyer/284c4cbc103eae12)

WORK EXPERIENCE

Controls Engineer, Mechanical Engineer

- December 2011 to Present

December 2011 to Present- Controls Engineer, Mechanical Engineering Technician: Lead and supported others in troubleshooting machinery, equipment, components, and programs including PLC's, HMI's, Servo systems, and Robotics. Assist

Project Engineers and outside vendors to install new equipment, and to do up grades on existing manufacturing lines.

- Performed set-ups and completing the change over process, providing training, leadership, and guidance to all personnel within his assigned group.
- Engineering experience in high-speed consumer products, packaging, and web converting manufacturing environment.
- Exceptional analytical problem solving skills; quickly guided controls technicians and mechanics to correct solutions, to minimize convertor down time.

Flight Engineer

United States Air Force - July 2003 to December 2006

Planned, interpreted and calculated takeoff, in-flight refueling, weight balance and landing data limitations for the \$366 million E-8C Joint Surveillance Target Attack Radar System.

- Executed preflight, in-flight and post-flight inspections; provided consent of conclusive airworthiness status.
- Performed a pivotal role advising the aircraft commander on efficient aircraft operation and management of emergency flight procedures.
- Maintained aircraft history of all maintenance performed and debriefed maintenance personnel on post-flight discrepancies.
- Worked well under pressure, prevented mid-air collision while troubleshooting multiple electrical system emergencies.
- Committed to mission accomplishment, voluntarily extended deployment to fill critical manning shortfall.
- Maintained and tracked all in-flight emergencies and ground hazards for the 128th ACC squadron as Flight Safety Non- commissioned Officer.

Aerospace Ground Equipment Craftsman

United States Air Force - July 1996 to June 2003

Analyzed and repaired hydraulic, electrical, and control

systems for aircraft support equipment using schematics, diagrams, testing equipment, and elimination processes in accordance with applicable technical orders.

- Performed scheduled, acceptance and special inspections, time compliance technical orders, and major and minor maintenance on over two hundred pieces of equipment valued at \$4 million.
- Used digital multimeters, voltmeters, ohmmeters, frequency counters, oscilloscopes, circuit card testers, transistor testers, and hand tools equipment to verify equipment conditions and determine root cause analysis of malfunction.

- Used Core Automated Maintenance and GO81 to document maintenance discrepancies and order parts.
- Led Aerospace Maintenance shop while deployed to United Arab Emirates in support of Operation IRAQI FREEDOM.
- Assisted the flight medics while deployed to South America in support of the drug interdiction program as a certified EMT.
- Lead technician for flight-line training; coordinated classes and instructed 150 flight-line maintainers on correct equipment operation procedures reducing costly equipment damage.

EDUCATION

B.S. in Mechanical Engineering

Temple University - Philadelphia, PA
2011

A.A.S. in Aviation Operations

Community College of the Air Force, Air University

MILITARY SERVICE

Service Country: US

Branch: Airforce

Rank: SSGT

June 1996 to December 2006

ADDITIONAL INFORMATION

COMPUTER SKILLS: Matlab, AutoCAD, Solidworks, Trace 700, Microsoft Office, Java Programming, RS Logics 5000, Factory

Talk View and Panel View Plus Programming, Studio 5000 SERCOS Programming and Advanced Motion Programming, Fanuc

Robotics Advanced Teach Pendant Programming and Pallet Pro

Shawnmeyer1976@gmail.com