

PROFESSIONAL EXPERIENCE

Senior Operations Manager, Advanced Pressure Technologies, Napa, CA – November 2022 to present

- Manages IT, Production Support, and Import/Exports teams that provide operational support for production of semiconductor manufacturing tooling
- Designed and implemented computer-based training system that enhanced employee onboarding and reduced impact to production by 50%
- Collaborated with production leadership to develop emergency solution for receiving backlog-prevented impact on \$12 Million in sales

Manufacturing Operations Manager, Collins Aerospace, Fairfield, CA – January 2020 to July 2022

- Managed a value stream consisting of 90+ personnel and oversaw the manufacturing of \$20Million of product annually
- Implemented Integrated Product Team for key ACES 2 ejection seat component production-60% increase in output over a one-year period
- Developed key build sequence for Space X and Artemis 1 flight termination systems-prevented impact on schedule for 50+ launches
- Coordinated recovery schedule for \$1.75 Million AMRAAM component production-delivered on time to meet warfighter needs

Continuous Improvement Manager, Cobham SATCOM, Concord, CA – January 2018 to January 2020

- Responsible for the maintenance, audit, and continuous improvement of the facility's quality management system (QMS)
- Prepared and led site to three no finding/no observation ISO 9001:2015 audits (Transition, Surveillance, and Recertification)
- Led team in root cause analysis on key repeat antenna failure-resolution prevented \$500,000 of lost revenue annually

Senior Manufacturing Engineer, Amerex Corporation, Trussville, AL – January 2015 to November 2016

- Oversaw the development of manufacturing processes for industrial and military fire suppression products.
- Led team in development of pressurization system that reduced ergonomic risk by 50%, and eliminated \$100,000 in potential injury costs
- Automated process for small extinguisher production-reduced cycle time by 30%, and eliminated \$2,000 per year in spare parts

Manufacturing Engineer, Amerex Corporation, Trussville, AL – March 2013 to January 2015

- Responsible for engineering support in the manufacturing of commercial and military fire extinguishers
- Conducted root cause analysis on vision system failure-analysis saved \$52,000 annual in repair/rework cost due to failure
- Developed vision inspection system that eliminated 100% of previous system errors and increased production line output by 25%

MILITARY EXPERIENCE

Branch: US Air Force/US Air Force Reserve

Years served: 2002 to Present

Current rank: Lieutenant Colonel (O-5)

Key positions held:

- ALO Recruiting Officer, HQ US Air Force Academy (current position)
- Outreach Squadron Leader (369th US Air Force Academy Outreach Squadron)
- Director, US Air Force Academy Admissions Liaison Officer Program (State of Alabama)
- Executive Officer/Chief of Staff to the Commander (Eaker Center for Professional Development, Maxwell AFB, AL)
- Chief, Personnel, Plans, and Programs (Eaker Center for Professional Development, Maxwell AFB, AL)
- Commandant of Cadets (Air Force ROTC Det 015, Tuskegee University)
- Lead Aircraft Engineer, United States Air Force Academy Aircraft Fleet (Oklahoma City Air Logistics Center, Tinker AFB, OK)
- C/KC-135 Stratotanker Developmental/Aircraft Battle Damage Repair Engineer (Oklahoma City Air Logistics Center, Tinker AFB, OK)

Security Clearance: Secret, Expiration Date March 2030

FORMAL EDUCATION

- Student, Master of Business Administration, 4.0 GPA, Purdue University Global, Sept 2023-Present
- Graduate coursework in Business Administration, 3.51 GPA, University of California Davis, June 2021 – July 2023
- Master of Science, Aerospace Administration, 3.82 GPA, Southeastern Oklahoma State University, Durant, OK - 2005
- Bachelor of Science, Aerospace Science Engineering, 3.59 GPA, Tuskegee University, Tuskegee, AL – 2002

PROFESSIONAL MILITARY EDUCATION

- Air War College, Air University, Maxwell AFB, AL (by correspondence) - April 2024
- Air Command and Staff College, Air University, Maxwell AFB, AL (by correspondence) - Nov 2017
- Squadron Officer School, Air University, Maxwell AFB, AL (by correspondence and in residence) - July 2008
- Air and Space Basic Course, Air University, Maxwell AFB, AL (in residence) - December 2002

CERTIFICATIONS

- Purdue University Lean Six Sigma Green Belt, June 2015
- U.S. Air Force Academic Instructor, Maxwell AFB, AL, June 2006
- Boeing Liaison Engineering, Midwest City, OK, December 2003
- U.S. Air Force Acquisition Fundamentals, Lackland AFB, TX, September 2022
- U.S. Air Force Aircraft Battle Damage Repair Engineering, Tinker AFB, OK, August 2002
- FAA Student Pilot Certificate, Solo Flight Endorsement (Cessna 150), Daniel Field (KDNL), Augusta, GA, March 20th, 1997