

James W. Myers

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ADVANCED TECHNOLOGY SYSTEMS ENGINEERING PROGRAM MANAGEMENT/QUALITY CONTROL

Performance-driven Senior Executive with 21 years of proven success in researching, developing, and delivering integrated technical products to military customers. Solid experience across product lifecycles, including basic research, product development, risk reduction, competitive prototyping, test & evaluation, quality management, and sustainment. Consistently built teams of high-performing technologists and integrators to manage the complexity of systems of systems in an ever-changing operational environment.

Top Secret Clearance	Team Leadership	Stakeholder Management
Systems Engineering	Quality Assurance	Requirements Management
Technology Development	Interface Control	Risk Management
Validation /Verification	Test & Evaluation	Creative Problem Solving

SELECTED ACCOMPLISHMENTS AND RECOGNITION

- Led agency review of F-35 flight emergency; mitigated risks, 10 assets worth **\$298M delivered on schedule**
- Drove \$54M replan, **saved \$164M project from cancellation**--delivered to need, **cut >\$19M** life cycle costs
- Led government/contractors to build first DoD free-space laser communication **interoperability standard**
- Drove **\$4.2M upgrade** for search & rescue radio; tested capability w/ users--achieved **initial ops capability**
- Team won Air Force Space & Missile Systems **Outstanding Scientist Team Award** for Risk Reduction
- Won Air Force Materiel Command **Science & Technology Achievement Award** for Pulsed Power Research

SIGNIFICANT EDUCATION AND TRAINING

MS Applied Physics - Optics, Air Force Institute of Technology
BS Physics, US Air Force Academy
DOD Acquisition Professional Level III Systems Planning, Research, Development, and Engineering
Introduction to Flight Testing-University of Tennessee Space Institute
Radar Operation and Design Fundamentals-George Washington University
Hammer and Company Process Reengineering and Metrics Courses--Process Reengineering Mastery Achieved

PROFESSIONAL CAREER HISTORY

United States Air Force

May 1995 to Present

Various locations worldwide, including direct combat support in Afghanistan. Leadership positions in advanced technology development, engineering, and integration at team, branch, division, and national levels.

BRANCH CHIEF PROGRAM MANAGER/MATERIEL LEADER:

- Directed **143 people** managing 6 command and control information technology programs worth **\$1.1B** to enable combat air operations, battle planning, base emergency response, and isolated personnel recovery
- Led program recovery team after developer failed; engaged senior leaders, implemented software build metrics, and embedded engineering support--**system fields to 83 locations** starting 30 Sep 2016, **on schedule**
- Championed should-cost engineering trades; forced execution--**slashed \$42.2M** from 5 programs in **4 years**

DIRECTOR OF OPERATIONS FOR INTELLIGENCE SQUADRON:

- Led **80 people** performing predictive intelligence on competitor threat capabilities, weapon systems, and development programs to influence US Air Force defense research and development priorities
- Chosen **#1/52** as the Wing Field Grade Officer of the Year for National Air and Space Intelligence Center
- Guided analysis team reorganization; programmed 15 new positions and streamlined production. Team delivered **250+ intel products raising customer consumption 25%**--lauded by Congress & State Department

SQUADRON COMMANDER FOR DEFENSE CONTRACT MANAGEMENT AGENCY:

- Directed **70 personnel** providing government oversight of military jet engine manufacturing, quality assurance, and contract management on **2,200 contracts** with **\$25B** portfolio value
- Notified all Department of Defense agencies after fraudulent titanium certifications were identified by the contractor; nonconforming material contained, keeping **F-15, F-16, and F-35 fighter fleets safe**
- Modernized product acceptance process; filled gap on 3800+ parts--**efficacy up 91%, 323 days down to 30**

CHIEF, TRANSFORMATIONAL SATELLITE (TSAT) PAYLOAD DIVISION:

- Managed risk reduction and systems integration team for **\$1.9B** payload, including free space laser and radio communications subsystems that were integrated with internet routers on 5 orbital network nodes
- Captured/controlled **715 user requirements** using requirements, interface, configuration management boards
- Architected lasercom and on-board router government independent tests; **bought program 7 months, saved \$8M**, and reduced top technical risks to the program **3 years early**

PROJECT LEAD, ACQUISITION BUSINESS SYSTEM INTEGRATION:

- Lead Enterprise Architect and Portfolio Manager for **\$6B** IT business system strategy for Chief Info Officer
- Led 6-man executive team developing Air Force standards for capabilities requirements--mapped gaps, duplication, and interfaces using **DOD Architecture Framework**, forging the Air Force IT Roadmap

PROGRAM MANAGER, COUNTERPROLIFERATION:

- Created directorate's chemical/biological long-range sensor program from scratch, **winning a \$3.2M budget**
- Hand-picked by joint community as **Air Force representative to Joint Service Technology Panel**, prioritizing DoD force protection research; identified integration/test opportunities for detection technologies
- Led Air Force Research Lab **9-11** response to address WMD threats--**14 cutting-edge initiatives picked**

DEPUTY PROGRAM MANAGER, HIGH POWER MICROWAVE SOURCES AND APPLICATIONS:

- Developed & tested **information warfare** systems on multiple platforms--fielded to F-16 & A-10s at **\$0 cost**
- Directed **7 field tests** against high priority threats--took failed project to successful demo in **just 2 months**

RESEARCH PHYSICIST:

- Performed basic research on pulsed power; built models and laser interferometry for plasma generated by megawatt-class electrical discharge

CERTIFICATIONS

- DOD Acquisition Professional Management
 - **Level III** Systems Planning, Research, Development, and Engineering
 - **Level III** Program Management
 - Level I in Test and Evaluation; Logistics; Manufacturing, Production, and Quality Assurance
- INCOSE Certified Systems Engineering Professional (Pending)
- Hammer and Company Process Mastery

EDUCATION

- 2007 MS Military Operational Arts and Sciences, Air University - Montgomery, AL
- 2000 MS Applied Physics - Optics, Air Force Institute of Technology - Dayton, OH
- 1995 BS Physics, US Air Force Academy - Colorado Springs, CO

PROFESSIONAL AFFILIATIONS

- International Council on Systems Engineering Member
- Boy Scouts of America, Adult Leader for more than ten years
- Air Force Association, Member
- CATO Institute Member