

# JEFF STANLEY

ASSOCIATE, DAYTON AEROSPACE, INC.

## PROFILE

Senior executive with over 35 years of experience as an engineer and program manager. Former US Air Force (USAF) chief engineer responsible for the oversight of all aspects of safety and technical integrity of products and services. Oversaw technical direction, led risk and opportunity management processes, and ensured all products met performance and airworthiness requirements. As the USAF Science & Technology (S&T) Executive, directed the USAF's cutting-edge \$5B S&T investment portfolio. Recognized subject matter expert (SME) in all aspects of weapon system cybersecurity, mission systems, digital engineering, and S&T. Senior Executive Service (SES), Department of the Air Force (DAF) (Retired).

## PRINCIPAL AREAS OF EXPERTISE

### Weapon System Cybersecurity

Led and directed the cybersecurity of USAF weapon systems. Established and directed the Cyber Resiliency of Weapon Systems (CROWS) program office. Conducted full risk management framework across 50 USAF systems comprised of table-top, red team, blue team, static analysis, penetration testing, and risk evaluation. Developed policy and procedures incorporated into acquisition and system engineering processes. Conducted independent review teams (IRTs) for multiple systems recommending management and technical solutions to fix susceptibilities and identified vulnerabilities.

### Digital Engineering

Led enterprise digital engineering transformation of the acquisition and system engineering process. Established a cloud-based engineering enterprise environment to allow the US Government and its industry partners to collaborate virtually via model-based tools. Enabled dramatic decrease in time to market and development and test costs.

### Mission Systems

Led the mission systems development for F-35. Responsible for the development of the architecture and maturation of hardware and software systems across ground and flying laboratories. Led the developed radar systems for F-15, F-22, and F-35.

### Technology and Prototyping

Developed the USAF 2030 S&T strategy. Co-chaired the USAF Capability Development Council responsible for game changing investments. Led key prototyping initiatives in hypersonics, unmanned autonomy, joint command and control, artificial intelligence (AI), and agile software development.

### Program Management

Led the life cycle management of multiple ACAT I, II, and III programs through development and sustainment. Executive responsible for all air and space signal intelligence programs valued at over \$4B. Responsible for the cost, schedule, and performance of 17 different special operations platforms in development and sustainment.



## DAYTON AEROSPACE

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## EDUCATION

### MS, Strategic Studies

Air War College, Air University

### MBA, Management

University of Dayton

### BS, Electrical & Computer Engineering

Ohio University

### Amazon Cloud Practitioner Essentials

### Enterprise Leadership

University of North Carolina

### Program Manager & Executive PM Course

Defense Acquisition University

### Business Process Reengineering

Hammer and Co.

## KEY POSITIONS

### Deputy Assistant Secretary (Science, Technology and Engineering)

SAF/AQ

### Deputy Director, ISR & Requirements Directorate

HQ AFMC/A2/5

### Chief, Special Operations Forces/Personnel Recovery

AFLCMC/WIS

### Director, USAF Signals Intelligence (SIGINT) Programs

AFLCMC/WI

### F-35 Mission Systems Lead

JPO, Arlington VA

## CERTIFICATIONS

### Defense Acquisition Workforce Improvement Act (DAWIA)

Program Management – Level III

Logistics – Level III

Engineering – Level III

S&T – Level III

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## WORK HISTORY

### **Associate | Dayton Aerospace, Inc.**

**2020-present, Dayton, OH**

Provide subject matter expert support focused on acquisition, program management, science and technology (S&T), cybersecurity, and system engineering to both government and industry customers.

### **Deputy Assistant Secretary (Science, Technology & Engineering | SAF/AQR**

**2015-2020, Pentagon, Washington, DC**

Led a global workforce of 26,000 scientists and engineers across \$90B of research, development and sustainment activities. Chief engineer responsible for the oversight of all aspects of safety and technical integrity of USAF products and services. Oversaw technical direction, led risk and opportunity management processes, and ensured all products met performance and airworthiness requirements. As the USAF S&T Executive, directed the USAF's cutting-edge \$5B S&T investment portfolio. Chief Technology Officer (CTO) responsible for the maturation of technologies to meet emerging needs and threats. Developed partnerships with strategic suppliers, renowned universities, Office of the Secretary of Defense (OSD), federally funded research and development centers (FFRDCs), and commercial industry to increase transition opportunities. Stood-up AFWERX and championed innovative outreach projects to increase industry base and harvest external technologies. Conceived and co-lead the USAF Capability Development Council responsible for strategic game-changing investments. Led key prototyping initiatives in hypersonics, unmanned autonomy, joint command and control, artificial intelligence, and agile software development. Responsible for the cybersecurity and resiliency of the USAF's weapon systems. Established and directed the Cyber Resiliency of Weapon Systems (CROWS) program office. Directed the implementation of the risk management framework (RMF) across the USAF fleet. Wrote USAF policy based upon Committee on National Security Systems (CNSS) memoranda, DoDD 5144 and 8170, NIST 800-53, 161, and 171. Led enterprise digital engineering transformation of the acquisition/procurement/system engineering process. Established a cloud-based engineering enterprise environment to allow the government and its industry partners to collaborate virtually via model-based tools. Enabled dramatic decrease in time to market and development and test costs. Developed new procedures for digital review and approval of products and infused agile software development and DevSecOps engineering tools and techniques to change entire business processes and deliver products with speed and agility. Responsible for representing the USAF to Congress on legislative and budget issues related to technology, prototyping and experimentation, and cybersecurity. Built relationships with congressional members and staff and developed and executed legislative strategies and initiatives with OSD and other DoD components. As the US Head of Delegation for NATO Air Armaments Group and NATO S&T panel, coordinated US direction, actions, policy, and collaborative efforts with NATO nations.

### **Deputy Director | ISR & Requirements Directorate, HQ AFMC A2/5**

**2011-2015, WPAFB, OH**

Senior executive responsible for strategic planning, budgeting and proper resourcing for the 90,000-person Air Force Materiel Command (AFMC). As the lead enterprise architect, led requirements definition and refinement, analytics, business process reengineering, and information technology assessment, engineering, sustainment, and training. Led open mission systems integration across USAF next generation systems and responsible for special program alignment across the USAF. Managed the flow of interagency intelligence and cyber threat information to inform product, systems development, and S&T. Coordinated intel agencies to produce timely, actionable, threat information. Program management senior functional responsible for career development, education, and direct management of all 12,000 program managers.

### **Director | Special Operations Forces and Personnel Recovery Division (AFLCMC/WIS)**

**2005-2011, WPAFB, OH & Robins AFB, GA**

Led life cycle management (system development to system disposal) of 17 different special operations fixed and rotary wing aircraft worldwide. System program manager responsible for cost, schedule, and performance of 40 products totaling \$6B. Conceived and initiated a government owned and operated rapid development facility which has been responsible for \$500M worth of savings and cost avoidance.

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**Director, SIGINT Programs | ISR Directorate (AFLCMC/WI)  
2008-2009, WPAFB, OH**

Executive responsible for USAF air and space signal intelligence platforms and common ground systems and system program manager responsible for cost, schedule, and performance of the \$4B development efforts for RQ-4, MQ-1/9, U-2, Compass Call, and other platforms. Led development and operational standup of Distributed Common Ground Station (DCGS) worldwide to accomplish processing, exploitation, and dissemination.

**Prior to 2008**

- Deputy Director, 823<sup>rd</sup> Aeronautical Systems Group, ASC, WPAFB, OH
- Deputy, Acquisition Support Division, Capabilities Integration Directorate, HQ AFMC, WPAFB, Ohio
- Principal Plans and Programs Engineer, Acquisition Center of Excellence, HQ AFMC, WPAFB, Ohio
- USAF Science & Technology Lead, JSFPO, WPAFB, OH
- Analysis and Integration IPT Lead, JSFPO, Arlington, VA
- Onboard Systems IPT Lead, JSFPO, Arlington, VA
- Deputy, Analysis and Integration IPT, JSFPO, Arlington, VA
- IPT Lead, Joint Advanced Strike Technology Program, Arlington, VA
- Electronics Engineer, Avionics Directorate, Wright Laboratory, WPAFB, OH
- Avionics Technical Director, Advanced Launch System, Space and Missile Center, WPAFB, WPAFB, OH
- Electronics Engineer, Naval Avionics Center, Indianapolis, IN

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