

GERRY FREISTHLER

ASSOCIATE, DAYTON AEROSPACE, INC.

PROFILE

Over 35 years of experience in Department of Defense (DOD) program management, systems engineering, fleet sustainment and consulting. Direct program leadership experience at US Air Force (USAF) product centers and air staff. Successfully led multiple programs in every life cycle phase from developmental planning through fleet retirement. Extensive propulsion experience, including component improvement programs (CIP) and fighter engines and as a deputy program director. Former F-22 deputy program director, joint air-to-surface standoff missile (JASSM) program director, and Air to Ground Weapons Wing director, which included responsibility for JASSM, wind corrected munitions dispenser (WCMD), joint direct attack munition (JDAM), small diameter bomb (SDB) and others. Additional government positions include deputy program executive officer (PEO) for USAF airlift and trainer programs, Air Armament Command (AAC) and Aeronautical Systems Center (ASC) director of engineering, and the Wright Patterson Air Force Base (WPAFB) executive director. Senior Executive Service (SES), Department of the Air Force (DAF) (Retired).

PRINCIPAL AREAS OF EXPERTISE

Program Management

Senior program management experience in all types of engines, aircraft and munitions. Numerous leadership positions. As propulsion deputy program director, fielded and sustained F-16 block 40s and 50s. As the F-22 deputy program director, completed development and initiated production. In JASSM program director role, completed testing and achieved initial operational capability (IOC), and as Wing director, managed \$7B portfolio of USAF/Navy/Allies air-to-surface weapons.

Systems Engineering

Experienced aeronautical, systems and propulsion engineer. Former director of engineering at both Eglin (AAC) and WPAFB (ASC, now AFLCMC). Initiated systems engineering assessment process at both locations—used as model throughout the USAF. Created and implemented USAF independent airworthiness process and chaired numerous airworthiness boards and independent reviews. Experienced aircraft and weapons SME serving on DOD's new milestone review process—Independent Technical Risk Assessment (ITRA)—utilizing the Defense Technical Risk Assessment Methodology (DTRAM).

Portfolio Management

ASC executive director and senior civilian. Assisted commander in leading the USAF's largest acquisition organization. Led a tri-service organization of over 500 personnel as Air-to-Ground-Weapons Wing director. Senior civilian in propulsion and F-22 program offices and the airlift and trainers PEO organizations.

Acquisition Strategy Development

Led numerous acquisition strategy teams for programs including F110 and F119 fighter engines, JASSM, SDB I and II, F-22, AIM-120 D and classified programs. As AAC director of engineering and acquisition excellence, chaired numerous weapon acquisition panels and sufficiency reviews.

Human Resources Development

Developed and implemented strategic planning process linking goals, business plans, products, services and resources. Led effort to realign F-22, ASC/EN, and Air-to-Ground Munitions Wing. As ASC executive director, led effort to reorganize ASC from Wings/Groups/Squadrons to Directorates and PEO structure.



DAYTON AEROSPACE

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EDUCATION

MS, Engineering Management
University of Dayton

BS, Systems Engineering
Wright State University

Program Manager's Course
Defense Systems Management
College (DSMC)

Executive Program Manager's Course
DSMC

Leadership for a Democratic Society
Federal Executive Institute

Senior Executive Seminar
George C. Marshall European
Center for Security Studies

LOGTECH Program
University of North Carolina

Senior Managers in Government
JFK School of Government,
Harvard University

KEY POSITIONS

Executive Director
Aeronautical Systems Center (now
part of AFLCMC)

Director
ASC Engineering Directorate (now
AFLCMC/EN)

Director
Engineering and Acquisition
Excellence Directorate, Air
Armament Center (AAC)

Director
308th Air to Ground Munitions
Systems Wing

Director
JASSM and SDB Programs

WORK HISTORY

Senior Associate and Associate | Dayton Aerospace, Inc.

2012-present, Dayton, OH

Provide senior technical and program management support to government and industry organizations in the defense acquisition arena. Aircraft and weapons subject matter expert (SME) for DOD-led Independent Technical Risk Assessments (ITRAs) for the Advanced Anti-Radiation Guided Missile—Extended Range (AARGM-ER) and B61 Tail Kit Assembly (TKA).

Transitioned from senior associate to associate status in 2017.

Executive Director | Aeronautical Systems Center (now part of AFLCMC)

2010-2012, WPAFB, OH

Executive director and senior civilian for the USAF's largest acquisition organization of 10,000+ personnel. Exercised program executive officer (PEO) authority over classified programs, provided direction to civilian workforce, and assisted the commander and all aircraft PEOs in leading the USAF's center of excellence for development and acquisition of aeronautical systems.

Director | Aeronautical Systems Center Engineering Directorate (now AFLCMC/EN)

2006-2010, WPAFB, OH

Directed a workforce of 800+ engineers responsible for systems, manufacturing, integration, propulsion, avionics, structures, and aeronautical engineering in support of all ASC acquisition/sustainment efforts. Served as the commander's technical advisor and final authority on all ASC engineering matters. Responsible for train/organize/equip and career management of all engineers. Provided technical and management oversight of the F-35 program for the USAF.

Director | Engineering and Acquisition Excellence Directorate, Air Armament Center (AAC)

2005-2006, Eglin AFB, FL

Directed a workforce of 1000+ engineers and logisticians responsible for systems, manufacturing, integration, propulsion, avionics, structures, and aeronautical engineering in support of all AAC acquisition/sustainment efforts. Served as the commander's technical advisor and final authority on all AAC engineering matters. Responsible for train/organize/equip and career management of all AAC program managers, engineers and logisticians.

Director | 308th Air-to-Ground Munitions Systems Wing

2004-2005, Eglin AFB, FL

Led a 500-person tri-service Wing to develop, test, produce and sustain air-to-ground precision guided bombs, cluster weapons, and air-launched cruise missiles for the USAF, Navy, and Allies. The \$7B portfolio included JDAM, SFW, JSOW, JASSM WCMD, SDB, and special programs.

Prior to 2004

- Director, JASSM and SDB Programs, *Eglin AFB, FL*
- Chief of Execution and Financial Management, *SAF/AQ, Pentagon*
- Deputy PEO, Airlift and Tankers, *SAF/AQ, WPAFB, OH*
- Deputy Program Director, F-22 SPO, *WPAFB, OH*
- Deputy Development System Manager, Propulsion, *WPAFB, OH*
- Propulsion Chief, Integration, *WPAFB, OH*
- Program Manager, F-16 F110-GE-100/-129 Engine Programs, *WPAFB, OH*
- Program Manager, Aircraft Engine Component Program, *WPAFB, OH*
- Program Manager, Tri-Service Standoff Attack Missile, *WPAFB, OH*

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RECENT PROJECTS

- Led major contractor propulsion airworthiness activities in support of a light attack aircraft certification.
- Led a subject matter expert team in the development of future propulsion fuel usage (SFC) and emission projections.
- Provided airworthiness certification instruction to USAF chief engineers (CEs) and directors of engineering (DOEs) as part of required training for an airworthiness endorsement program. Also instructed foreign Air Force students.
- Aircraft and weapons subject matter expert for DOD-led ITRAs for AARGM-ER and B61 Tail Kit Assembly.