

BOB KAYUHA

ASSOCIATE, DAYTON AEROSPACE, INC.

PROFILE

Over 40 years of direct experience in program management, engineering, and test and evaluation (T&E) of highly complex aerospace systems at multiple corporate levels. Proven record of successful proposal development, earned value management (EVM) process definition, and integrated master schedule (IMS) development, evaluation and maintenance. Proficient public speaker and facilitator with exceptional organizational, administrative and people skills. Colonel, US Air Force (USAF) (Retired).

PRINCIPAL AREAS OF EXPERTISE

Team Management

Extensive experience leading diverse teams and integrating efforts resulting in win-win solutions for all players. Led team of tri-service, multi-agency and Office of the Secretary of Defense (OSD) representatives to develop and deploy the Performance Based Business Environment (PBBE) across the entire defense aviation business sector. Addressed and resolved multiple conflicting interests enabling the Department of Defense (DOD) and defense industry to deliver weapon systems faster, better, and cheaper. Develops and teaches team building techniques, including Integrated Product Team (IPT) training, to government and industry organizations. One of the principal authors of DOD's Integrated Product and Process Development (IPPD) documentation and the Integrated Program Management (IPM) Handbook.

Proposal Management & Development

Key contributor to numerous, successful industry proposal teams as management volume lead, master scheduler, risk manager, and overall proposal manager, leading to business capture across many different types of systems, including ships, avionics sub-systems, aircraft, and laboratory equipment—from early development programs to Low Rate Initial Production (LRIP) to sustainment. Well-versed in proposal protocol; able to motivate teams to produce professional proposal products of all sizes.

Earned Value Management (EVM)

Instrumental in executing new EVM approaches for many defense firms—developed complete EVM system descriptions, processes, tools, and training. Supported numerous industry clients in preparing for DCMA audits, including conducting mock interviews to ensure Control Account Managers (CAMs), schedulers, cost analysts, and program managers are ready and able to demonstrate how they actually use earned value to manage programs—all clients have passed subsequent audits.

Schedule Management

Co-authored the DOD and Air Force Materiel Command (AFMC) Integrated Master Plans/Integrated Master Schedules (IMP/IMS) guides. Developed IMP/IMS products for several prime and subcontractor industry proposals. Frequently conduct IMP/IMS, earned value, and Integrated Baseline Review (IBR) workshops for government and industry organizations. Provided detailed analysis of the C-5M aircraft development and production IMSs, including C-5M aircraft delivery projections and assessments of schedule quality, health, and accuracy. Supported several companies in development and use of IMP/IMS during program execution to manage day-to-day program activity, status EV progress, focus scarce resources on critical path effort, and perform “what-if” exercises to determine impact on overall program conduct.

Executive Management

Led senior-level action group which successfully served four consecutive commanders of the Aeronautical Systems Center (ASC, now part of AFLCMC), a \$12B USAF organization. Directly responsible for executing over 16% of all commander's taskings. Served as USAF representative on the Lean Aerospace Initiative, a government/industry/academic consortium to improve US aerospace industry competitiveness in the world marketplace.



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4141 Colonel Glenn Hwy.
Suite 252
Dayton, Ohio 45431

P: (937) 426.4300

LI: [linkedin.com/in/bob-kayuha-0aba1ba/](https://www.linkedin.com/in/bob-kayuha-0aba1ba/)

EDUCATION

MS, Aeronautical Engineering
Air Force Institute of Technology
(AFIT)

BS, Aerospace Engineering
West Virginia University

AS, Electronics
West Liberty State College

Executive Training Course
Carnegie Mellon

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

KEY POSITIONS

**Director, Acquisition Policy &
Center Strategic Planning**
Aeronautical Systems Center
(ASC)

Director, Acquisition Management
HQ AFMC

Director of Projects
F-22 System Program Office
(now AFLCMC/WWU)

Program Element Monitor (PEM)
HQ USAF

WORK HISTORY

Senior Associate & Associate | Dayton Aerospace, Inc.

1998-present, Dayton, OH

Support government and industry clients' pursuit and execution of defense programs across the acquisition life cycle. Support includes business capture and proposal management, earned value management systems (EVMS) development, strategic planning, manpower modeling, IMP/IMS development, and related training. Transitioned to Associate in 2015.

Director, Acquisition Policy and Center Strategic Planning | ASC (now part of AFLCMC)

1994-1998, WPAFB, OH

Led strategic management process for a 12,000-person, \$12B USAF product center. Launched significant acquisition reform effort leading to a more effective and efficient weapon systems procurement approach across the USAF.

Director, Acquisition Management | HQ Air Force Materiel Command (AFMC)

1992-1993, WPAFB, OH

Ran pivotal headquarters staff organization handling all aspects of acquisition policy and human resource professional development in the command for over 20,000 civilian and military manpower personnel.

Director of Projects | F-22 Air Dominance Fighter Program Office (now AFLCMC/WWU)

1988-1992, WPAFB, OH

Managed formation of the F-22 development request for proposal (RFP) and source selection approach. Key member of the team that originally implemented IMP/IMS into the weapon system acquisition approach. Intimately involved in development of the Integrated Product Team (IPT) concept which is now used throughout DOD and industry.

Program Element Monitor (PEM) | United States Air Force Pentagon

1984-1987. Washington, DC

Headquarter staff officer for the Low Altitude Navigation and Targeting Infrared for Night (LANTIRN) system. Led the program through several major development and production decisions and significant Congressional and DOD funding cut attempts to deliver several hundred navigation and targeting pod systems that performed in an outstanding manner in the Persian Gulf Wars and Afghanistan.

Prior to 1984

- Program Manager, multiple reconnaissance and strike systems
- Chief of Test & Evaluation, multiple armament systems

KEY PROJECTS

- Successfully implemented a new earned value measurement system (EVMS) for a large defense firm. Established new processes, tools, and procedures. Developed updated training material and trained over 200 company personnel in preparation for a DCMA audit—which they successfully passed.
- Managed and led several proposal efforts for a small defense business. Firm has a 100%-win rate with Dayton Aerospace assistance.
- Developed a government agency manpower model that provided justifying rationale to support manpower requirements. Using the results of the model, the agency successfully defended their current manpower and were provided additional manpower slots, as well.

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www.daytonaero.com