

# BILL BUZZELL

ASSOCIATE, DAYTON AEROSPACE, INC.

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## PROFILE

Over 45 years of experience planning and executing all aspects of major weapon systems engineering and acquisition. Senior consultant to government and industry organizations in the defense acquisition arena. Proven senior international program manager and negotiator, implementing innovative Foreign Military Sales (FMS) and cooperative agreements with 24 different countries. Superb strategic planning and organizational skills, including program and proposal schedule and risk management. Colonel, US Air Force (USAF) (retired).

## PRINCIPAL AREAS OF EXPERTISE

### Acquisition Management

Directed the development and integration of baseline acquisition and risk management processes into 18 F-16 International FMS programs. Extensive proposal requirements and source selection evaluation experience on major acquisition programs, such as the F-22 and Joint Strike Fighter (JSF). As a member of the C-17 Aircraft Defense Science Review Board, identified and recommended numerous management process changes leading to the successful redirection of the production effort.

### International Programs

Extensive knowledge of all aspects of international program planning and execution for both the USAF and Navy. Developed innovative FMS strategies for both the F-16 and JSF programs. These strategies were subsequently endorsed at the highest levels of the Department of Defense (DOD). As senior advisor, conceived and implemented the Cooperative Development Agreements (CDAs) for six JSF partner countries.

### Integrated Product & Process Development (IPPD)

Hands on experience both developing and leading numerous integrated product teams (IPTs). Responsible for the construct and successful implementation of the first USAF Integrated Master Plan (IMP)/Integrated Master Schedule (IMS) management process. This process was subsequently adopted throughout the USAF. Led the first joint government/contractor risk assessment of an F-16 international program.

### Systems Engineering

Extensive systems engineering and research and development (R&D) experience, specifically in both technical requirements and hands-on engineering design and development of aircraft gas turbine engines.

### Risk Management

Senior management consultant to both industry and government with a focus on the identification and management of proposal and program risks. Extensive experience in risk training and facilitation with an emphasis on innovative ways to integrate risk management with integrated master planning and scheduling. Authored and presented risk management related topics at government/industry conferences.



## DAYTON AEROSPACE

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## EDUCATION

**MS, Mechanical Engineering**  
University of Florida

**BS, Mechanical Engineering**  
University of Florida

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

**Executive Course**  
Defense Institute for Security  
Assistance Management

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## KEY POSITIONS

**Air Force Director**  
Joint Strike Fighter (JSF)  
International Programs

**Director**  
F-16 International Programs

**Program Manager**  
Taiwan F-16 Program

**Chief, F119 Propulsion Integrated  
Product Team (IPT)**  
F-22 Program Office

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## WORK HISTORY

### Senior Associate & Associate | Dayton Aerospace, Inc.

1998-present, *Dayton, OH*

Senior consultant to numerous organizations in the defense acquisition arena, including the JSF and Global Hawk programs. Developed innovative international acquisition strategies, including the F-16 fighter and Naval Sea Command (NAVSEA) International Security Assistance Office (ISAO). Provide program management guidance, integrated product development planning, risk process development, and requirements and proposal preparation support to government and industry clients. Transitioned to Associate status in 2011.

### Air Force Director | JSF International Programs

1997-1998, *Arlington, VA*

Planned and executed the JSF international business strategy involving six partner countries with a total cooperative development budget in excess of \$250M.

### Director | F-16 International Programs

1994-1997, *WPAFB, OH*

Director of all F-16 International Programs involving 18 countries and over \$20B in production of 400+ aircraft; actively supervised 75 personnel with total management responsibility for FMS IPTs involving over 300 dedicated program office functional members.

### Security Assistance Program Manager | Taiwan F-16 Program

1993-1994, *WPAFB, OH*

Total program execution responsibility for the FMS of 150 F-16 aircraft to Taiwan; included the management of a \$400M unique aircraft configuration development program. Directed a 50-person multi-government agency team responsible for all aspects of program cost, schedule, and performance of this \$5.9B program.

### Chief, F119 Propulsion Integrated Product Team | F-22 Program Office

1990-1993, *WPAFB, OH*

Directed a 35-person IPT responsible for all program and technical aspects of the \$1.2B engineering manufacturing development (EMD) phase of the Pratt & Whitney (P&W) F119 engine for the F-22 fighter.

### Prior to 1990

- Deputy Director of Propulsion, Advanced Tactical Fighter (ATF) Program Office, *WPAFB, OH*
- Engine Program Element Monitor (PEM), HQ USAF, *Pentagon*
- Associate Professor of Aeronautics, US Air Force Academy (USAFA), *Air Force Academy, CO*
- F100 Engine Program Integrator, USAF Plant Representative Office, Pratt & Whitney, *West Palm Beach, FL*
- Gas Turbine Research Engineer, USAF Aero Propulsion Laboratory, *WPAFB, OH*

## KEY PROJECTS

- Led multiple-year effort with the NAVSEA ISAO to develop innovative FMS program oversight techniques. Developed new automated manpower justification process resulting in a first-ever NAVSEA integrated program database.
- Member of Dayton Aerospace Sustainment/Acquisition Composite Model (SACOM) manpower requirements team, implementing SACOM, the Dayton Aerospace proprietary manpower model, for multiple Service organizations, including the USAF, Navy, Marines, and Coast Guard. Results were used at the highest levels of the Services as the sole determinate of required government manpower.
- Led team evaluating the JSF overall management structure. Developed and recommended an organizational re-structure that was accepted and implemented by JSF senior leadership.
- Led multiple proposal IMP/IMS for all tiers of the defense industry in response to a range of weapon system and subsystem requests for proposal (RFPs).

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- Member of Integrated Schedule Risk Assessment Team that evaluated a major C-5 aircraft modification effort; identified major risk drivers to the program's integrated schedule
- Name requested the by the Defense Acquisition University (DAU) to present and facilitate semi-annual Risk Management Seminar for DAU's Senior Program Manager's Course.