

LORI FORINGER

ASSOCIATE, DAYTON AEROSPACE, INC.

PROFILE

Proven leader with a history of directing high-performing teams as a program manager and flight test engineer. Over 20 years of active-duty US Air Force (USAF) research, development, test, and acquisition experience in fighters, weapons, and unmanned platforms. Lieutenant Colonel, USAF (Ret).

PRINCIPAL AREAS OF EXPERTISE

Program Management

- Provided subject matter expertise on F-15EX acquisition strategy development of an Acquisition Category (ACAT) I-Equivalent, Middle Tier of Acquisition (MTA) rapid fielding program prior to publication of Air Force Instruction (AFI) or Department of Defense (DoD) Instruction (DoDI) guidance.
- Provided critical programmatic support and acquisition advice to the Program Executive Officer (PEO), Fighters/Bombers and nine program offices across four sites.
- Led 140+ personnel responsible for F-16 modernization and sustainment programs worth over \$4B.
- Directed development, procurement, and fielding of \$3B in F-15E Strike Eagle modernization programs including the Radar Modernization Program (RMP) and multiple operational flight program (OFP) suites.
- Solid knowledge and mastery of defending budgets within the DoD and to Congress.

Test and Evaluation

- Developed test strategies for multiple F-15 programs on the Director, Operational Test & Evaluation (DOT&E) oversight. Built the tailored, integrated test & evaluation (T&E) strategy for the F-15EX, the USAF's first-ever MTA rapid fielding program.
- Chief developmental tester for MQ-9/MQ-1 Medium Altitude Unmanned Aeronautical Systems (UAS).
- Expert in Seek EAGLE stores separation testing as well as flutter and loads envelope expansion.
- Directed critical homeland air defense testing, managed team of 100+ across multiple organizations, and executed \$400K program in six months despite hurricane-damaged test site.
- Evaluated F-22 performance and flying qualities for operational effectiveness.

Research and Development

- Key to success of Auto Ground Collision Avoidance System (AGCAS) which has been credited with saving multiple lives since implemented in the F-16.
- Provided flight control system analysis to support F-35 development.
- Conducted flying qualities research studies to eliminate pilot-induced oscillations (PIO).
- Expert in MIL-STD 1797, *Handling Qualities Criteria*; authored several papers.



DAYTON AEROSPACE

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EDUCATION

BS, Mechanical Engineering
University of Miami

MS, Aeronautical Engineering
Air Force Institute of Technology

Experimental Flight Test Engineer
USAF Test Pilot School

Air War College

Program Management (PMT 401)
Defense Acquisition University

KEY POSITIONS

Director of Test Operations, ISR Systems
ISR & SOF Program Executive Office

Chief, Program Execution Group
Fighters/Bombers Program Executive Office

Material Leader, F-16 Program
F-16 Division, Fighter/Bomber Directorate

Chief, Strike Eagle Team
F-15 Division, Fighter/Bomber Directorate

CERTIFICATIONS

APDP Level III
Program Management
Test & Evaluation

APDP Level II
System Planning, Research,
Development & Engineering

WORK HISTORY

Associate | Dayton Aerospace, Inc.

2016-present, Dayton, OH

Supports government and industry customers in a wide range of tasks including program execution support, test management, systems engineering, military airworthiness certification, business case analyses (BCA), and strategic planning. Provided critical program management/T&E subject matter expert (SME) support to the first-ever MTA rapid fielding program, to include engine acquisition strategy and request for proposal (RFP) development.

Director of Test Operations, ISR Systems | ISR & SOF Program Executive Office

2015-2016, WPAFB, OH

Chief developmental tester for MQ-9 'Reaper' Medium Altitude UAS. Principal advisor to PEO on test and evaluation issues across intelligence, surveillance, and reconnaissance (ISR) and special operations portfolio. Ushered MQ-9 Block 5 and Block 30 ground control station (GCS) into follow-on operational test & evaluation (OT&E). Technical Review Board chair; reviewed test plans for technical adequacy and risk.

Chief, Program Execution Group | Fighters/Bombers Program Executive Office

2014-2015, WPAFB, OH

Led six-person team advising PEO overseeing \$98B fighter/bomber portfolio. Advised PEO and senior staff on acquisition policy and recommended strategies. Provided critical programmatic support to PEO and nine program offices across four sites. Integrated PEO responses to higher headquarters action items. Transformed organization into the go-to policy/guidance shop, fulfilling a two-star PEO vision. Built PEO sustainment contract strategy blueprint; preventing FY17 break in F-22 maintenance.

Materiel Leader, F-16 Program | F-16 Division, Fighter-Bomber Directorate

2011-2014, Hill AFB, UT

Commanded a branch of 140+ personnel responsible for modernization and sustainment on the F-16. Directed programs worth over \$4B to add new capabilities as well as solve sustainment challenges with an aging fleet of aircraft. Oversaw \$12.7B manufacturer contract to support worldwide F-16 customers. Solved kit/install parts shortage and identified critical path to field-upgraded cockpits to the Air National Guard (ANG). Keen understanding of sustainment activities; forecasted parts for wing corrosion issues. Led team through multiple organizational changes and minimized impacts to program execution.

Chief, Strike Eagle Team | F-15 Division, Fighter-Bomber Directorate

2009-2011, WPAFB, OH

Directed all aspects of development, procurement, and fielding of \$3B F-15E Strike Eagle modernization programs including the RMP. Led multidisciplinary team of 30+ military, civilian and contractor personnel managing 22 programs, ensuring combat capability beyond 2035. Kept software updates on cost and schedule and spearheaded new common F-15 computer. Guided \$380M RMP program through test concerns--state of art radar now on F-15E.

Executive Officer, Global Power Directorate | Office of the Assistant Secretary of the Air Force (Acquisition), Pentagon

2008-2009, Washington, DC

Principal advisor to two-star Director leading 108-member, selectively manned Headquarters Air Force (HAF) unit. Led daily operations, set directorate priorities, and supported global power programs worth \$11B annually. Authored F-22, F-35, and AIM-120 program statuses to Chief of Staff of the Air Force (CSAF)/Secretary of the Air Force (SECAF).

Air Dominance Program Element Monitor | Office of the Assistant Secretary of the Air Force (Acquisition), Pentagon

2007-2008, Washington, DC

Advocated and resourced Advanced Medium-Range Air-to-Air Missile (AMRAAM), AIM-9X, Joint Helmet Cueing System, HARM, and Joint Dual Role Air Dominance Missile programs. Coordinated with other USAF headquarters staff and Congress on budget requirements in the planning and programming of these acquisition efforts. Garnered approval for next gen missile; ensured F-22, F-35 contested airspace capability. Secured funding for additional missiles to close inventory gap; solved #1 priority jamming issue.

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Chief, Combat Development Test & Evaluation (T&E) Resources | Office of the Assistant Secretary of the Air Force (Acquisition), Pentagon
2006-2007, Washington, DC

Provided leadership, direction, policy, and resources for developmental and operational testing. Program Element Monitor (PEM) for operational test operations and test ranges. Championed test ranges and requirements to higher headquarters. Functional manager for USAF T&E workforce. Managed full-scale and subscale aerial target inventory and led team evaluating new aerial target. Led \$142M funding effort to repair hurricane-damaged test sites; USAF test infrastructure authority. Devised strategy to test against 5th generation threat with current assets—saving over \$14B. Deployed to HQ Central Command, Afghanistan; planned, executed counternarcotic programs.

Chief, Air to Air Missile T&E Branch | 46th Operations Group
2004-2005, Eglin AFB, FL

Led team of eight responsible for design, direction, execution, and analysis for AMRAAM, AIM-9X test programs with combined budget of \$98M. Flight test engineer for four models of F-15/F-16 aircraft. Directed critical homeland air defense testing, managed team of 100+ across multiple organizations, executed \$400K program in six months despite hurricane damaged test site.

Prior to 2004

- Chief, F-16 Experimental Flight Test Engineer, 40th Flight Test Squadron, *Eglin AFB, FL*
- F-22 Operational T&E Flight Test Analyst, 31st T&E Squadron, *Edwards AFB, CA*
- Advanced Fighter Flight Control Dev Engineer, AF Research Laboratory, *WPAFB, OH*