



DEPARTMENT OF THE ARMY  
US ARMY RESEARCH, DEVELOPMENT AND ENGINEERING COMMAND  
AVIATION AND MISSILE RESEARCH, DEVELOPMENT, AND ENGINEERING CENTER  
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RDMR

15 September 2015

MEMORANDUM FOR U.S. Army Acquisition Support Center, 9900 Belvoir Road,  
Building 201, Suite 101, Fort Belvoir, VA 22060-5567

SUBJECT: Endorsement for 2015 Army Acquisition Executive's Excellence in  
Leadership Awards, Science and Technology Professional of the Year Award

1. I heartily recommend Mr. G. Dan Bailey for selection as the 2015 Science and Technology Professional of the Year. Mr. Bailey has provided yeoman's service to the joint services aviation enterprise while serving as the Army's Program Director for the Joint Multi-Role and Future Vertical Lift Aircraft. His extraordinary technical work and exemplary leadership on the Army-led science and technology integrated product team has proved instrumental in the program's numerous successes to date. He adroitly orchestrated the collaboration and synchronization of numerous science and technology organizations, activities, and portfolios required to strategically guide the Future Vertical Lift Aircraft solution. A consummate Army Acquisition professional, Mr. Bailey consistently demonstrates extraordinary science and technology and program management expertise. He is a highly deserving candidate for recognition as the Science and Technology Professional of the Year.

2. Mr. Bailey is current in his Defense Acquisition Workforce Improvement Act acquisition career field certification and continuous learning points.

3. The point of contact for this action is Ms. Terri Fowlkes, (256) 876-2671 or [terry.d.fowlkes.civ@mail.mil](mailto:terry.d.fowlkes.civ@mail.mil)

  
JAMES B. LACKEY  
Director

*Assistant Secretary of the Army for Acquisition, Logistics, and Technology*

*2015 Army Acquisition Executive's (AAE) Excellence in Leadership Award*

**Nomination**

**Nominating Organization:**

U.S. Army Aviation & Missile Research, Development, and Engineering Center  
U.S. Army Research, Development, and Engineering Command  
5400 Fowler Road  
Redstone Arsenal, Alabama 35898-5000

Awards POC: Ms. Terry Fowlkes, (256) 876-2671, terry.d.fowlkes.civ@mail.mil

**Nomination Submission POC:**

Mr. Keith Darrow, (256) 842-0838, keith.r.darrow.civ@mail.mil

**Name, Grade, and Position Title of Nominee(s):**

Mr. G. Dan Bailey, DB-04 (i.e., GS-15 equivalent) (Lieutenant Colonel, USA, Retired)  
Supervisory Engineer / Program Director, Joint Multi-Role and Future Vertical Lift

**Nominee Employing Organization:**

U.S. Army Aviation Development Directorate  
U.S. Army Aviation & Missile Research, Development, and Engineering Center

**Nominee Business Address:**

U.S. Army Aviation Development Directorate  
U.S. Army Aviation & Missile Research, Development, and Engineering Center  
5400 Fowler Road  
Redstone Arsenal, Alabama 35898-5000

**Army Acquisition Executive's (AAE) Excellence in Leadership Award for**

Science and Technology Professional of the Year

## Summary

Mr. Dan Bailey provided extraordinary contributions to the Army Aviation science and technology enterprise while serving as the Army's Program Director for the Joint Multi-Role and Future Vertical Lift Aircraft. Through his uncompromising professionalism, Mr. Bailey astutely guided sound investments in the enabling technologies that will provide revolutionary improvements in future vertical lift capabilities.

Mr. Bailey adroitly orchestrated the collaboration and synchronization of the various science and technology organizations, activities, and portfolios required to enable the Future Vertical Lift Aircraft solution. At every opportunity, he successfully leveraged acquisition best practices to facilitate the program's success. For example, he established an active collaboration web site to accelerate information-sharing across the broad population of acquisition and engineering organizations involved with this high impact, high visibility science and technology program. This site quickly became a critical program information resource for numerous Army organizations, other military services, and the Joint Staff.

Mr. Bailey expertly managed the Army's broad participation in a unique structure of Future Vertical Lift integrated product teams established via a Joint Service executive steering committee. In addition to his leadership role on the Army-led science and technology team, he also provided active oversight and synchronization for the Army members of the requirements, acquisition, and common systems teams. He insightfully utilized personnel assignments to these teams to professionally develop Army engineers and acquisition professionals. Mr. Bailey's personal coaching and mentoring efforts proved essential to ensure effective cross-organizational engagement in support of Future Vertical Lift activities. His leadership recently enabled the resounding success of an Industry Day event regarding mission systems architecture.

As a result of extensive coordination and collaboration among Future Vertical Lift stakeholders, Mr. Bailey successfully developed the comprehensive technology transition and acquisition milestone plan required to initiate a future program of record. Moreover, he persuasively articulated the initial program schedule, cost estimates, and overarching acquisition strategy. He developed and implemented an effective strategic communications plan to underpin all programmatic and technical interactions with industry, the media, and decision authorities at all levels, including HQDA, the other U.S. military services, the Department of Defense, and Congressional staff offices. Furthermore, he represented the Army Materiel Enterprise with great distinction during his numerous formal presentations to professional organizations such as the American Helicopter Society and American Society of Mechanical Engineers.

Among the many science and technology management and pre-materiel development decision activities completed under Mr. Bailey's superb leadership, the most significant recent milestones include completion of the Joint Business Case Analysis, initiation of a focused workgroup to develop the Analysis of Alternatives plan and documents, and the extensive effort required to conduct design trades based upon the refinement of Future Vertical Lift requirements. Mr. Bailey's relentless pursuit of excellence has remained a driving force throughout all of these substantial activities. He has continued to develop a combined organization with the appropriate competencies and experience required to successfully manage myriad aviation science and technology efforts and to ultimately transition critical technologies to the Future Vertical Lift acquisition program.

In concert with the significant activities described above, Mr. Bailey has also adroitly managed the Joint Multi-Role Technology Demonstration program. He structured this groundbreaking science and technology program to demonstrate transformational vertical lift capabilities and to thus accelerate Department of Defense preparedness for decisions regarding replacement options for the current fleets of vertical lift aircraft. He personally led the development of the nomination package that resulted in this program's designation as one of the Army's Science and Technology Objectives and its successful designation as one of only two Army Capability Enabler programs.

Entering fiscal year 2015, Mr. Bailey successfully led his science and technology team through the final stages of the program's initial design and risk review. After conducting a series of senior level decision briefings and obtaining joint service concurrence, including the Army Acquisition Executive, Mr. Bailey dedicated the remainder of fiscal year 2015 to comprehensively implementing the manufacturer selection decision and firmly guiding two aircraft manufacturer teams toward their in-flight technology demonstrations. Attesting to the success of these efforts, final design and risk reviews were scheduled near the end of fiscal year 2015, with first flights scheduled for a short two years thereafter.

In addition to the two manufacturer teams selected for the full-aircraft, in-flight technology demonstration program, Mr. Bailey also worked assertively to identify additional resources, outside of the base program, to continue technology maturation with two very promising industry partners that were not selected for flight demonstrations. As a result of his persuasive, highly astute work on this initiative, Mr. Bailey created invaluable opportunities for leap-ahead technologies that promise extraordinary increases in the mission capabilities of future aircraft. In furtherance of this effort, he extensively collaborated with the Defense Advanced Research Projects Agency to ensure that the scopes of effort were appropriate, consistent with Congressional expectations, and could be synchronously executed in conjunction with associated advanced technology efforts.

Separate from the air vehicle technology demonstrations, Mr. Bailey also managed the science and technology efforts required to support the Joint Multi-Role mission systems architecture demonstrations. He extensively reshaped the vision for these demonstrations and redirected critical resources to reduce technical and programmatic risks. As a result, he successfully led his science and technology team through the execution of the Joint Common Architecture Demonstration during fiscal year 2015. During this milestone demonstration event, the team successfully demonstrated software portability and interoperability and exercised the system architecture virtual integration process. Mr. Bailey immediately leveraged the outcomes of this demonstration to construct a detailed continued development plan that will culminate with the Mission Systems Architecture Capstone Demonstration a short two years hence.

A consummate Army Acquisition professional, Mr. Bailey consistently demonstrates extraordinary science and technology and program management expertise. He is a highly deserving candidate for recognition as the Science and Technology Professional of the Year.