

Form Name:National Armaments Consortium (NAC) Executive Committee Member Application Form 2026

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CANDIDATE INFORMATION

Name	James Lackey
Title	Chief Operating Officer
Organization	Davidson Technologies, Inc.
Organization Type	Small Business
Address	
Email	
Phone	

CANDIDATE STATEMENTS

Explain how your background, training, experience and/or personal qualities support your candidacy to assume a governance position on the Executive Committee. Provide resume as a separate attachment.

My background, training, executive leadership experience, and personal qualities strongly support my candidacy to serve in a governance role on the NAC Executive Committee. Over the course of a 30-year career spanning senior executive service (SES) government leadership, defense acquisition, advanced technology development, and private-sector executive management, I have consistently operated at the intersection of innovation, operational execution, and strategic collaboration across the Defense Industrial Base.

Throughout my career, I have led organizations of significant scale and complexity across both government and industry. As Executive Director of the U.S. Army Aviation and Missile Research, Development and Engineering Center (AMRDEC), I led approximately 9,000 personnel operating under a \$2.6B annual budget supporting critical Department of Defense modernization priorities.

My experience also includes Senior Executive Service assignments within the Office of the Secretary of Defense and Naval Air Systems Command, where I oversaw acquisition governance, enterprise-level program management policy, workforce competency development, and major defense acquisition programs of strategic national importance.

In the private sector since 2017, I have successfully led large-scale defense technology portfolios as well as multiple OTA-based prototyping efforts (directed energy weapons, advanced modeling and simulation, test and evaluation emitter devices).

I hold a Master of Science in Engineering Management from Florida Institute of Technology and a Bachelor of Science in Aerospace Engineering from Virginia Tech.

Equally important are the personal qualities I would bring to the NAC OTA Executive Committee. Throughout my career, I have been recognized as a collaborative, mission-focused, and values-driven leader who emphasizes integrity, accountability, innovation, mentorship, and strategic vision.

Supporting Attachment(s)

What do you see as the most significant challenge(s) facing the business type you will represent and how would you propose to address those challenges if elected?

Small businesses are often the source of some of the most innovative and agile solutions supporting national security priorities. However, they frequently face barriers associated with limited access to capital, constrained infrastructure, workforce shortages, compliance costs (such as CMMC), and difficulty navigating the speed and complexity of the federal acquisition process.

At the same time, many small businesses struggle to gain visibility into emerging customer priorities and establish meaningful access to decision-makers and teaming opportunities.

I believe the NAC OTA plays a critical role in helping address these challenges by serving as a value added informational bridge between government mission needs and the innovation capacity of small and non-traditional businesses. Helping to convey technology roadmaps, OTA acquisition forecasting and developing a teaming ecosystem between small businesses would be my priority focus. I would help chair online or in-person events, host panels and enable the cross communication for Industry and Government.

Please describe the importance of the NAC to your organization and provide a synopsis of the participation in NAC/DOTC since becoming a member (e.g., number of proposal submissions, awards, industry days and membership meeting attended).

NAC has been a major supportive connection to my role both as Senior Vice President in Parson Corporation and currently as COO of Davidson Technologies. Specifically, I leveraged use of NAC to build a major weapon system prototype called Recovery of Airbase Denied by Ordnance (RADBO); the customer being the Air Force. This entailed unique integration of directed energy systems into a highly armored ground vehicle; designed to neutralize IED's and UXO's. RADBO prototypes out of the OTA eventually became a separate ACAT-III program of record production contract for the company.

Additionally while at Parsons, I leveraged NAC to build a T&E device called Multi-Spectral Sea and Land Target Simulator (MSALTS). These devices were transformative to help all DoW services exercise and stress their platforms to assess survivability against a wide spectrum of missile threats.

At Davidson, we leverage NAC to build a Vehicle System Protection Battlespace M&S digital ecosystem for the Army so as to enable detailed engineering design tradeoff analysis for future next generation ground combat vehicles.

Number of proposal submissions has exceeded over a dozen; lost count of how many industry days and meetings attended.

WILLINGNESS TO SERVE CERTIFICATION

Signature



Date

05/21/2026

James B. Lackey

Summary: Responsible for Profit & Loss, Budgets and Planning, Sales and Business and Market Development. 30 years of broad experience with government procurement, FAR/DFARS across progressively responsible Defense Aerospace Sector technology solutions career assignments. Experience leading very large (9,000 personnel), geographically dispersed, complex organizations operating under multibillion dollar annual operating budgets. Led new product development, integration, and production accounts related to C5ISR, Air Missile Defense, Space, Directed Energy and Threat Intelligence. A results driven, people talent focused, visionary leader with strong strategic planning, policy setting, expansion of business portfolio, customer relationship, and revenue growth accomplishments.

Areas of Expertise:

- C Suite Leadership
- P&L Leadership
- Product Development
- Supplier Management
- Team Building, Mentoring
- Strategic Planning
- Public Relations/Engagement
- Proposal Strategy Development
- Acquisition Management
- Industry Strategic Partnerships
- Government Contracting
- Systems Engineering

Achievements:

- **As Chief Operating Officer for Davidson Technologies:** Guided development of long-term strategies and associated new technology campaigns as well as secured new contracts for Department of Defense (DoD) technology efforts. This included:
 - Secured strategic IDIQ vehicle Wins: Navy Seaport-e, CDAO AI Talent 2.0, Eglin Wide Area Acquisition Contract (EWAAC), and MDA Systems for Hypersonic Intercept, Engagement and Layered Defense (SHIELD).
 - Established a new Quantum Computing line of business focused on complimenting company expertise in AI/ML and optimization applications.
 - Created a best practices approach in the conduct of detailed Program Management Reviews to include focus on issue, risk and growth opportunity management.
 - Realigned Authorization and Appropriations Congressional coordination's across all stakeholder equities to ensure both alignment to customer gap needs and company growth pipeline objectives.
 - Drafted guidance to successfully implement new company policies to include use of Generative AI tools in the workplace. Created a program management certification training program.
- **As Senior Vice President for Parsons Corporation:** Led multiple P&L organizations for consistent YoY top line and bottom line growth. DoD projects included:
 - \$600M for DoD-wide multi-domain, C5ISR, SOF and Cyber kill chain prototyping enhancements.
 - \$550M for Intel Community advanced threat modeling and simulation and reverse engineering taskings. This included an IRAD to develop a tool for expedited software extraction off unique systems.
 - \$90M Intelligence, Decision Enabled Awareness broad IDIQ for multiple customer applications.
 - \$60M for Army Security Surveillance System tactical base perimeter kit productions.
 - \$53M for Air Force directed energy Recovery of Airbase Denied by Ordnance, program of record ground vehicle production. This included a multimillion-dollar IRAD to reduce power and cooling components, application of a sensor acquisition system and use of AI/ML algorithms for improved target detection.
 - \$20M for Naval high power microwave prototyping integrations in strategic partnership with a HPM vendor.
 - **Multiple**, \$10M-\$30M DoD OTA awards associated with sensor platform integration, strategic and tactical C2 mission command applications, Assured PNT and COTS leveraged space ground C2 systems.
 - Led market realignment efforts to build larger, enterprise driven technology and product capability offerings and established a multi-year, \$8B sales pipeline. Consistently met/exceeded revenue, EBITDA and cash collection targets annually.
- **As Vice President for Quantum Research International:** Led teams to establish new business captures. Created more efficient company organizational realignments to better associate business units to customer warfighting domains (e.g., Air, Land, Space, Cybersecurity). Created more insightful reporting metrics and coordinated integration engagements between operational and business development company personnel to improve upon identification of

revenue growth areas and new strategic pursuit efforts. Built and maintained prominent levels of customer engagement across assigned portfolio.

- Lead Systems Integrator, Army Space and Missile Defense Command Kestrel Eye LEO ISR satellite prototype which was successfully deployed into orbit during my tenure at the company.
- As Executive Director for U.S. Army Aviation and Missile Research, Development and Engineering Center (AMRDEC): Led values-based strategic planning and execution efforts focused on promoting individual workforce career development, increase of inter-organizational collaborations. Led new business capture as a DoD Lab, growth of reimbursable customers, and execution to budget while making trades to hold overhead costs constant. Identified key, warfighting capability gaps for the Soldier. As a result, provided executive leadership in the \$119M design, development, and delivery of an on-cost & schedule Multi-Mission Launcher (MML) intended to accommodate a variety of interceptors to defeat advanced unmanned aerial systems, cruise missile, and indirect fire threats. Prioritized and managed an annual S&T budget of \$300M. Executive overseeing all S&T, applied technology demonstration and TRL maturity project activities including but not limited to:
 - Future Vertical Lift, Joint Multi-Role Technology Demonstrators: V-280 Valor and SB-1 Defiant prototypes
 - Low Cost Tactically Extended Range Missile (LCTERM); prototype replacement for ATACMS
 - Lightweight Command Launch Unit (CLU) for the Javelin missile; based on User feedback and fielded tests.
 - Land-based Anti-Ship Missile (LBASM) leveraged as a Congressional interest program.
 - Partnered S&T projects with local, regional, and national HBCU universities as well as research institutions. to foster innovation, project developments and Intern pipelines.
- As Office of Secretary of Defense (OSD) Air Warfare Programs Lead: Conducted independent technical assessment review on the multi-billion-dollar F-35 Joint Strike Fighter Joint Service Program to validate technical progress and execution to baseline. Areas of assessment included software development, hardware technology maturation and systems interoperability. Received Secretary of Defense Award for Excellence because of this comprehensive effort which was ultimately reported to Congress.
- As Navy Deputy Program Manager: Directly instrumental in ensuring on cost & schedule execution of multi-billion-dollar, major acquisition, P-8A Multi-Mission Aircraft developmental effort from Source Selection to Critical Design Review; an anti-submarine warfare weapon system development effort of strategic significance to protect the U.S. Carrier Battle Groups well into the 21st Century. Received Navy Meritorious Civilian Service Award.
- As Navy Deputy for Acquisition Functional Competency and Programs: Designed and developed a Career Roadmap and Guidebook for 850 Naval Aviation Program Management personnel. Established innovative skills self-assessment, individual gap analysis, and improvement plan approach for workforce members, supervisors, and mentors. This combined successful effort became widely adopted across the Navy enterprise. Received Navy Meritorious Civilian Service Award.

Work Experience:

April 2024 – Present, Chief Operating Officer, Davidson Technologies

Responsible for all company business unit verticals, independent research and development (IRAD) investments and cross-cutting centers of excellence associated with Digital Engineering and AI/ML. Focus on the day-to-day operations of the organization, ensuring that the company runs efficiently. Implements strategies and goals set by the President / CEO. Develop and optimize company internal processes, establish and track to performance upon key performance indicators (KPI's), quickly identify and address operational challenges, balance short term needs with long term objectives. Externally engage with existing and future potential customers in alignment with Business Development team pipeline opportunity development priorities.

August 2018 – April 2024, Senior Vice President, Parsons Corporation

Led multiple highly complex, large-scale, geographically dispersed P&L organizations. This included \$500M annual P&L, 1,000 FTE's. P&L experience in both product development, systems hardware integration and engineering services. Develop and deliver innovative, effective, and efficient solutions to a wide variety of DoD and other Federal Sector customers. Establish and implement operating, financial, and strategic objectives. Plan, direct and control all activities of a major profit center. Define and implement margin expansion opportunities. Review and approve operating plans, capital, and expense budgets. Participate in the development of operational policies and procedures. Drive program performance and maximizes CPARs, award fees and incentive fees. Responsible for setting and accomplishing the strategic vision for Directorates and Sector. In conjunction with Business Development, ensure a solid pipeline and win competitive new business to drive top line growth. Maintain regular contact and strong relationships with important clients and customers both on existing program execution and new business pursuits; assess performance to discover how to better satisfy their needs. Develop and deliver innovative, effective, and efficient solutions to a wide variety of DoD and other Federal Sector customers. Areas of capabilities to multiple DoD (Missile Defense Agency (MDA), Air Force,

Army, Space Force, Navy) and Intel Community customers include Systems Engineering and Integration, Space Domain Awareness and C2, C5ISR integration, Directed Energy (DE) platform integration, Electronic Warfare T&E devices, Assured PNT, Weapon system six degree of freedom modeling and simulation, Geospatial Imagery and Analysis, Tactical Mission Command, JADC2, Spectral Imaging, Sensor Integration, among other growing and emerging offerings.

January 2017 – August 2018, Vice President – Defense Systems Division, Quantum Research International

Huntsville, AL. \$60M annual P&L. Core corporate technical competencies included: nano satellite lead systems integration, aviation, and missile systems development; command, control, and air missile defense networks; systems engineering; cybersecurity; and space warfare operations.

January 2014 – January 2017, Executive Director Aviation and Missile Research Development and Engineering Center (AMRDEC) (Senior Executive Service)

US Army, Redstone Arsenal, AL. Responsible for leading one of the largest Research, Development and Engineering organizations for the U.S. Army. Science and Technology (S&T) development and transition. Led approximately 9,000 federal service civilians and contractors with a \$2.6B annual operating budget (80% of which was customer reimbursable) supporting nine Army Program Executive Offices and a very wide and growing variety of DoD and non-DoD Customers.

January 2013 – January 2014, Deputy Director AMRDEC (Senior Executive Service)

US Army, Redstone Arsenal, AL. Led a 900 Federal Service Civilian organization responsible for providing wide-scope, functional engineering and technical support expertise in areas that include systems engineering, mission assurance, rapid prototyping, industrial base analysis, manufacturing science and technology, and logistics engineering sustainment.

January 2011 – January 2013, Director for Air Warfare Programs (Senior Executive Service)

Office of Secretary of Defense, Pentagon. Developed and coordinated Major Budgetary Resource Management Decisions. Developed and coordinated long range aviation and weapon roadmaps for DoD. Program experience examples: JSF, B-21, KC-46A, AIM-120D, Air Force One Replacement, Next Generation Jammer, EA-18G, B-2.

April 2008 – January 2011, Deputy Assistant Commander for Acquisition

Naval Air Systems Command (NAVAIR), Patuxent River, MD. Responsible for executive level leadership oversight and management of Naval Aviation Weapon System Acquisitions including 15 programs totaling annual operating budget of \$1.3B. Responsible for formulating corporate level policies, processes, and career path guidance for 850 program management personnel supporting NAVAIR functions across multiple, geographically dispersed operating locations.

September 1986 – April 2008, Variety of Assignments: Civilian Deputy Program Manager, Integrated Product Team Leader, Systems Integration and Flight Test Engineer

NAVAIR Patuxent River, MD. Held numerous, progressively responsible positions: Flight Test (F/A-18E/F Super Hornet); Weapon Systems Integration (AGM-154 Joint Standoff Weapon), Integrated Product Leader (F/A-18 Weapon Systems Integration); Integrated Product Leader (E-2D Advanced Hawkeye); Deputy Program Manager (P-8A Poseidon Multi-Mission Aircraft); and Principal Deputy Program Manager (EA-6B Prowler / Airborne Electronic Attack).

Formal Education:

- Master of Science, Engineering Management, Florida Tech, 1994
- Bachelor of Science, Aerospace Engineering, Virginia Tech, 1986

Training:

- Defense Acquisition University Level III Certified: PM, Systems Engineering, and Test & Evaluation, 1994
- Graduate – U.S. Naval Test Pilot School (Fixed Wing Curriculum – Class 95), 1990

Affiliations and Honors:

- Army Superior Civilian Service Award (2017) – Executive Director, AMRDEC
- Army Aviation Association of America (AAAA); Recipient of Order of Saint Michael Medal
- Navy Meritorious Civilian Service Award (2009) - NAVAIR Program Management Competency Leadership
- Navy Meritorious Civilian Service Award (2007) - NAVAIR P-8A Program Management Excellence

Professional Society Memberships:

- National Defense Industrial Association (NDIA); Tennessee Valley Chapter Vice President (2025 – Present)
- Huntsville Chamber of Commerce, Board Member. Federal Agenda Committee Co-Chair (2023-2024)
- Virginia Tech College of Engineering, Aerospace Department Advisory Board Member (2019-2023)