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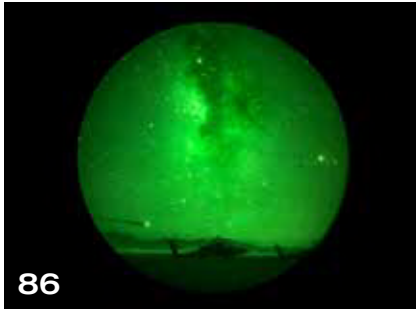
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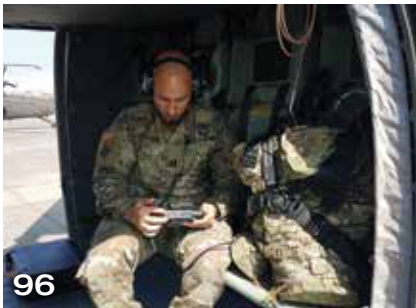
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ARMY AVIATION is the official journal of the Army Aviation Association of America (AAAA). The views expressed in this publication are those of the individual authors, not the Department of Defense or its elements. The content does not necessarily reflect the official U.S. Army position nor the position of the AAAA or the staff of Army Aviation Publications, Inc., (AAP). Title Reg® in U.S. Patent office. Registration Number 1,533,053. SUBSCRIPTION DATA: ARMY AVIATION (ISSN 0004-248X) is published monthly, except May and September by AAP, 593 Main Street, Monroe, CT 06468-2806. Tel: (203) 268-2450, FAX: (203) 268-5870, E-Mail: aaaa@quad-a.org. Army Aviation Magazine E-Mail: magazine@quad-a.org. Website: http://www.quad-a.org. Subscription rates for non-AAAA members: \$30, one year; \$58, two years; add \$10 per year for foreign addresses other than military APOs. Single copy price: \$4.00. ADVERTISING: Display and classified advertising rates are listed in SRDS Business Publications, Classification 90. POSTMASTER: Periodicals postage paid at Monroe, CT and other offices. Send address changes to AAP, 593 Main Street, Monroe, CT 06468-2806.

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## On The Cover

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## McConville Nominated as CSA



President Trump has nominated GEN James C. McConville to replace GEN Mark A. Milley as the Army Chief of Staff. A Master Army Aviator who flew AH-64 Apaches, OH-58 Kiowa Warriors and AH-1 Cobras, and former commanding general of the 101st Airborne Division (Air Assault), he served as the Army's personnel chief before becoming the 36th Army Vice Chief of Staff in June 2017. Together with Army Under Secretary Ryan McCarthy, McConville has been the driving force behind getting the new Army Futures Command off the ground last summer in Austin, Texas and has also focused on talent management issues. If confirmed, he will be the Army's 40th chief of staff and the first aviator to hold the position.

## FORSCOM Welcomes New CG



GEN Michael X. Garrett, incoming Commanding General, U.S. Army Forces Command, returns the colors to CSM Michael A. Grinston, FORSCOM's senior enlisted advisor, during an assumption of command ceremony at Fort Bragg, N.C., March 21, 2019 officiated by Army Chief of Staff, GEN Mark Milley (right). LTG Laura Richardson served as the first female acting commanding general since GEN Robert B. Abrams' departure to command United Nations Command/Combined

Forces Command/United States Forces Korea in November 2018. FORSCOM is the Army's largest command and provides expeditionary, campaign-capable land forces to combatant commanders.

## Army Suspends Utility Billing in Privatized Housing




Residents of Army privatized housing will no longer be getting utility bills effective March 1, 2019 and until further notice. That means that at least temporarily, soldiers won't be paying money for using extra utilities, or receiving rebates for using less utilities. Further information was not available about why the Army suspended its utility billing program. According to a DoD spokeswoman, the Army's suspension of its utility billing program is not part of a DoD requirement, and the DoD policy regarding utility billing in privatized housing remains unchanged.

## CORRECTION:

On page 8 of the Feb. 28 issue, Geoffrey Downer's title should be Acting AMCOM Director of Special Programs (Aviation); we apologize for the error.

**Army Aviation  
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2020 Nominations**



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# On Short Final

**W**ow! It is so hard to believe that two years have come and gone since I took the controls from BG (Ret.) EJ Sinclair. I want to thank all of you who over the years have been there to support me but more importantly our Soldiers and their families.

A little over eight years ago you first elected me to serve on the National Executive Group as the treasurer, then secretary, senior vice president and finally president. It was my goal to build on the successes of my predecessors and to hand the controls of AAAAA over to our incoming president, MG (Ret.) Jeff Schloesser, better than I found it supporting our Aviation Soldiers and Families through our four pillars of **Network, Recognition, Voice, and Support**. When you have time to reflect on the past two years, I hope you find me worthy of your trust.

The progress we made is based upon the "TEAM" starting with our members and the chapters – you are the lifeblood of our organization – this coupled with an all-volunteer National Executive Board and a National Executive Group who work so hard just to make life better for our Soldiers and their families. The bedrock of AAAAA is without a doubt our National Office where each and every employee sees it as so much more than a job; it is a vocation, a way of life.

I want to give a special thanks to our SVP, MG Jeff Schloesser; our Secretary, MG Tim Crosby; and our Treasurer, MG (Ret.) Walt Davis, for all their help and assistance. Additionally I want to recognize my appointed VPs whose terms run concurrent with mine: CW4 Becki Chambers, Membership; LTC (Ret.) Jan Drabczuk, Chapters; and MG (Ret.) Les Eisner, Guard/Reserve Relations who have done a marvelous job making sure their areas of responsibility and constituency are well represented within the NEG/NEB.

From initiating new programs like the A&P support, and new membership benefit package, to standing up new chapters, and raising our membership – it has been a team effort through and through.

I am proud to say we are at recent records in membership, absolute records in corporate support of the Summit in terms of exhibits and sponsorships, financial strength, and number of AAAAA chapters. This event, the 2019 AAAAA Army Aviation Mission Solutions Summit, has set all kinds of new records of success as we gather for the only truly comprehensive Army Aviation Enterprise meeting of the year to grow professionally,



*BGs (Ret.) Steve Mundt (left) and EJ Sinclair pass the AAAAA gavel during the annual meeting/dinner/concert April 28, 2017 at the AAAAA Army Aviation Mission Solutions Summit, Gaylord Opryland Hotel, Nashville, TN.*

see old friends and make new ones.

As we proceed down the path of more member engagement to deliver what you want when you want it, I know Jeff and his team will enjoy the same great support from you all that I have received.

Unless you have the privilege to be President of AAAAA you cannot experience the breadth and depth of what AAAAA really accomplishes from Congress to family support and classified and unclassified professional events to social media, database management, and on and on. AAAAA is an amazing enterprise started and built by Army Aviators for Army Aviators and their Families. Everything we do is measured by that standard... what are we doing for the U.S. Army Aviation Soldier and Family?

Unlike many other associations, none of your leadership is paid, we volunteer for the love of our profession and to give back a little for all that we have received from our great Branch, our Army and our Nation.

I suppose all good things must come to an end, but I have to say it is hard to believe that my first eight years are almost complete and I will transition to the nominating committee chair; please send me your nominations for future AAAAA National leaders and rest assured if there is any other way I can help feel free to contact me.

P.S. Send in those Hall of Fame nomination packets for enlisted and reserve component folks by June 1 and help the new team with **Recognition** of our deserving Soldiers, units, functional areas and industry members!

Jeff, you have the controls – AAAAA6 out of here!

---

BG Steve Mundt, Ret.  
33rd President, AAAAA  
[steve.mundt@quad-a.org](mailto:steve.mundt@quad-a.org)



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## ► Aviation Branch Chief Update

# Change is Adaptation and Integration

By MG William K. Gayler



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*It is not the strongest of the species that survive, nor the most intelligent, but the one most responsive to change.* — Charles Darwin

*A student in the Aviation Captains Career Course, class 18-04, completes a Modified Combined Obstacle Overlay as part of an attack operation planning iteration that focused heavily on the Troop Leading Procedures, Jan 23rd, 2019.*

For the past seventeen years or so, Army Aviation was asked to fight, train, and sustain at an amazing operational pace that literally spanned the globe – and we did. Fairly quickly that fight transitioned to predominantly company and below operations, taking on doctrinal characteristics our few remaining Vietnam aviators remembered and helped to re-energize. Now we are in a similar transition, and the doctrinal shift to Large Scale Combat Operations (LSCO) finds that there are not many AirLand Battle aviators left to rekindle the knowledge.

To paraphrase a well-known historian, you have to recognize the nature of the fight you are in and not try to make it something it is not, which is exactly what we are doing. We are changing

how we must fight to face the threats emerging around the world, and that is no easy task while the branch is still 84% committed worldwide.

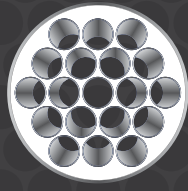
As the rate of change in the world around us has intensified, I will tell you that the Aviation Enterprise has done a phenomenal job keeping pace. Two of the major accelerators for change have been the establishment of the Army Futures Command (AFC) and the release of The Army in Multi-Domain Operations (MDO) 2028 concept.

### **AFC and the Future Vertical Lift Cross-Functional Team (FVL-CFT)**

The creation of AFC is completely changing how we acquire materiel. At the heart of this new process is reduc-

ing the time it takes (the goal is by half), from concept to delivery, to put a major system into Soldiers' hands. To accomplish this, AFC created a cross functional team (CFT) for each of the Army's top six modernization priorities. Each team is composed of a mix of personnel, all teaming with academia and industry, that encompass requirements, science and technology, program management, sustainment, and testing.

FVL falls in the Army's top 3 modernization priorities. The FVL-CFT is currently focused on Future Attack Reconnaissance Aircraft (FARA), Future Long Range Assault Aircraft (FLRAA), Future and Advanced Unmanned Aircraft Systems (UAS), and the Modular Open Systems Architecture (MOSA).



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By design, all these systems are structured to move quickly from concept to fielding with FVL-CFT already making significant inroads to reducing the time it takes to get these systems off the drawing board and into operational use.

## Multi-Domain Operations (MDO)

TRADOC has replaced The Army Operating Concept with The Army in MDO 2028 Concept, focusing some very specific guidance from the National Defense Strategy: deter and defeat Chinese and Russian aggression in both competition and conflict. The MDO article from the Aviation Capabilities Development and Integration Directorate (CDID), later in this publication, is a good primer for getting you thinking about Army Aviation and our role in MDO. I do, however, recommend that we all delve into this document and understand the nuances of MDO, because like it or not, if we transition from competition to conflict tomorrow, we will have to fight as part of the Joint Force in all five domains to achieve our operational/strategic objectives – and we will have to figure out how to do it with the equipment we have today.

## Aviation Warfighter Initiative: Knowledge Without Purpose Is Trivia

Over the past several years, USAACE has been examining specific ways to address the coming change in how the Army fights, one of which became the Aviation Warfighter Initiative (AWI). The AWI shifts our branch's focus away from the overly technical and back to tactical competencies, in order to increase readiness for LSCO while capitalizing on existing counter insurgency (COIN) experience.

The execution of LSCO will require us to go back to the future in combatting significant challenges, such as how to operate in comms or GPS-denied environments. The upcoming IERW redesign, the Basic Army Aviator Course (BAAC), will reinvigorate such atrophied skills as map reading and terrain association, as well as focus instruction back to improved control touch and the base tasks applicable to combat aircraft. With the same intent of incorporating rigor, the Instructor Pilot and Aviation Mission Survivability Officer Courses have also increased their emphasis on doctrine, warfighting fundamentals, and hands-on survivability.

Doctrinally we have been aligning our manuals to address some of the other fundamental and complex challenges LSCO will present to us, such as airspace integration and planning considerations in contested airspace, expeditionary sustainment considerations (FM 3-04), an increased focus on fighting platoons and companies (FM 3-04.1), and enhanced survivability in a LSCO/peer-threat environment (FM 3-04.2).

## Leader Development

We have also increased rigor for our leaders through the Professional Military Education they receive at the institution, which focuses on building their capacity for critical and creative thinking, tactical agility, and overall resilience. At the Pre Command Course we are incorporating LSCO into every aspect of training culminating in a three-day LSCO scenario (wet gap crossing) enabling discussion of the Plan, Prepare, Execute, Assess phases of operations.

At the Captain's Career Course we are increasing the number and complexity of assessments, to include iterations of Troop Leading Procedures (TLP) and the Military Decision Making Process (MDMP) utilizing LSCO simulation. Additionally, we have increased instruction in threat, survivability, and aviation and ground maintenance operations.

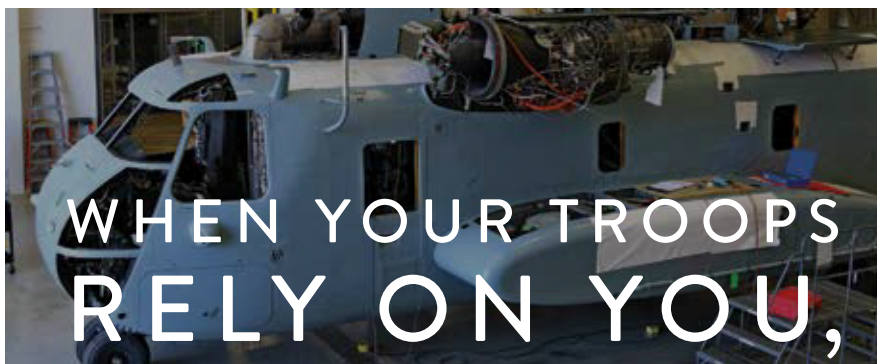
Will the change, adaptation and integration that's associated with any significant doctrinal shift like LSCO and concepts like MDO be smooth and unfettered? Probably not. Will Army Aviation continue to be asked to fight, train, and sustain at an operational pace over an area that spans the globe? Absolutely, because that is what our brothers and sisters on the ground are being asked to do.

As you read through MDO 2028 and note the three core tenets of Calibrated Force Posture, Multi-Domain Formations, and Convergence, you will quickly realize that Army Aviation is a lynchpin to their successful implementation. And you will also realize that the changes we have already charted, and those we have yet to develop, are what will make us successful.

Above the Best!

---

*MG William K. Gayler is the Army Aviation branch chief and commander of the U.S. Army Aviation Center of Excellence and Fort Rucker, AL.*



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## ▶ Chief Warrant Officer of the Branch

# Aviation's Maintenance Tech Warrant – The Quiet Professional

By CW5 Jerry F. Irick and CW5 Steven N Russell

When one hears the term “Aviation Warrant Officer,” the tendency to envision only aviators is understandable. However, there is no such thing as a solo flight in the Army.

For the United States Army to achieve success in combat, we require all three of our Aviation Tech Warrant Officers: (150U) Tactical Unmanned Aerial Systems Operations Technician, (150A) Air Traffic and Airspace Management Technician, and our (151A) Aviation Maintenance Technician Warrant Officers. The Maintenance Technician (151A) utilizes training, skill, and experience in a highly specialized position to execute three primary tasks: to manage, to maintain, and to repair. The scope of this article seeks to highlight this critical Military Occupational Specialty (MOS) and the capabilities they bring to the fight.

The Aviation Maintenance Technician MOS was developed to ensure we placed highly skilled maintenance expertise within our aviation formations to help commanders manage, sustain and maintain their manned and unmanned aircraft. First and foremost, the aviation maintenance technician is a maintenance manager.

151As are selected from the middle and senior NCO ranks because of their leadership abilities and aviation maintenance experience. By the time a maintenance technician pins WO1, he or she has already served in a variety of demanding positions in Quality Control and/or Production Control as well as other positions from squad leader to platoon sergeant. Exposure to aviation maintenance from a diverse perspective hones the unique skills of maintenance management in our 151As because they've seen it from the ground up, from the wrench-turner to the supervisor.

151As receive 1,463 academic hours of training on aviation maintenance at Joint Base Langley-Eustis, VA. This is on top of the 9.6 years of foundational aviation maintenance experience most 151As have under their belt. This combination of managerial experience/schooling make 151As key enablers for a commander's maintenance program and are best utilized when employed in production control at both the aviation maintenance company (AMC) and/or aviation support company (ASC) levels. Aviation maintenance runs through the fabric of every maintenance tech.

Army rotary and fixed-wing systems, with their associated technology, require the expertise of these skilled warrant officers



*CW5 Robin Vozar, the longest serving Night Stalker, inspects a repair at the limited Depot facility at Fort Campbell on an MH-60M.*

who interpret and apply regulations, orders, and technical manuals—as well as computer management information systems to ensure safe and correct functioning during flight. They oversee maintenance practices ensuring adherence to industry standards and best business practices are applied. They ensure logistics run smoothly so that maintainers have the parts needed which enables commanders to have increased aircraft availability.

Though not a requirement, a growing number of 151As earn their Airframe & Powerplant (A&P) certificates at some point during their careers. This only serves to enhance a unit's capability to maintain efficiently. A 151A holding an A&P license not only adds depth and strength to the unit's maintenance practices, but also shares valuable knowledge daily with their fellow maintainers through teaching, coaching, and mentoring.

They encourage and confirm safety, ensure the provision and use of appropriate tooling, oversee proper documentation, track progress to make certain that aircraft are repaired in a timely manner, and see to it that purchases are made wisely. When an aircraft component is deemed faulty, the 151As offer men-

torship with regard to troubleshooting and stewardship, harnessing a multitude of resources to do so (including the use of Logistics Assistance Representatives and manufacturers' representatives).

The primary method of controlling the skyrocketing costs associated with aircraft maintenance is repairing, when economically feasible, instead of replacing high-dollar components. Over the past 16 years, the operational availability of aircraft took priority over repair costs as the Army became accustomed to replacing components rather than isolating faults. 151As are keenly aware of the critical nature of accurate troubleshooting in the repair process and how ineffective procedures can degrade a unit's logistical health. As such, 151As are maintainers at heart, always going the extra mile to repair; conceding to replace a component when all other options have been exhausted.

Through the Army's Training with Industry program, select Aviation Maintenance Technician Warrant Officers learn the latest commercial business practices, organizational structures and cultures, technology development processes, and the latest corporate management techniques. This is done at for-profit organizations such as Boeing for a one-year term, and then they apply what they have gleaned once they resume their Army careers. This helps sharpen, update, train, and enrich Army Aviation fitness as a whole.

Ask any combat aviation brigade (CAB) commander about his maintenance program and he will tell you he can't fight without it - at least not for very long. Without a healthy maintenance program led by capable maintenance professionals like aviation maintenance technicians, a CAB commander's ability to project combat power is severely hindered. As CW5 Roland once said, "The Soldier on the ground relies on the quiet professionals in the sky." The converse is also true: "The Soldiers in the sky rely on the quiet professionals on the ground for their survival."

"Above the Best!"

*CW5 Steven N Russell is the command chief warrant officer and CW5 Jerry F. Irick the safety officer for the 128th Aviation Brigade located at Joint Base Langley-Eustis, VA;*

*CW5 Joseph B. Roland is the chief warrant officer of the Aviation Branch with the U.S. Army Aviation Center of Excellence, Fort Rucker, AL.*



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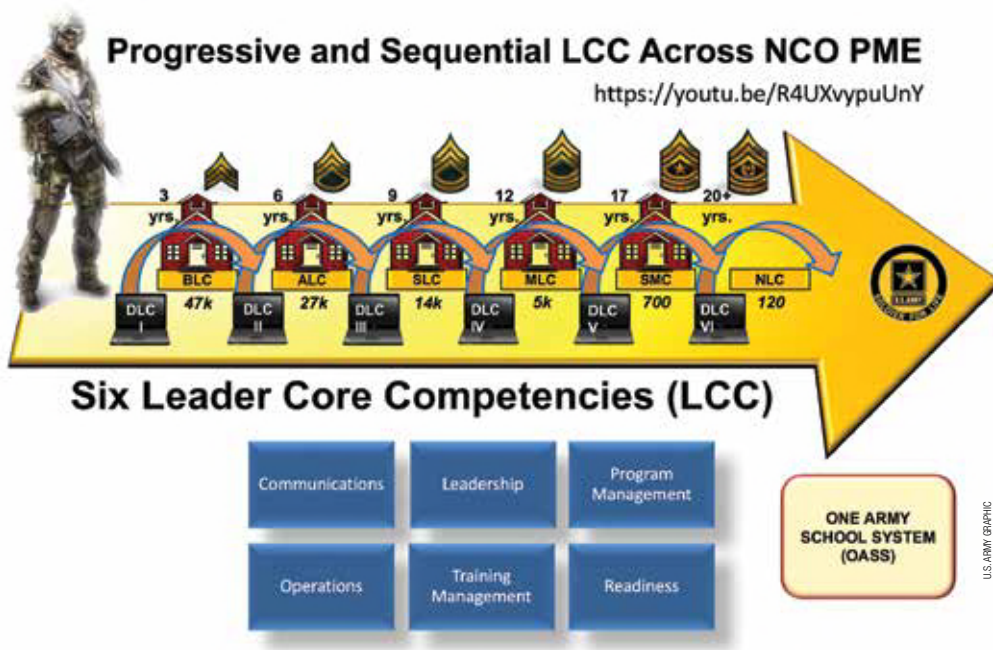




## ▶ Branch Command Sergeant Major

# Redesigning the Aviation NCOPDS

By CSM Brian N. Hauke



As I quickly approach my one-year anniversary serving as our Branch Command Sergeant Major, I'd like to say thanks to every Aviation Soldier for what each of you do for our branch, Army and Nation every day.

As I've made my way around to units and locations across the Active, Guard and Reserve this year, I can assure everyone of one thing – Army Aviation has never been better! From visits with our tactical formations to visits with our generating formations and everything in between, our aviators, maintainers, operators, and controllers continue to impress me every time I visit, regardless of your location or mission set! Thank You!

For this issue, I wanted to provide an update on our Aviation Maintenance Advance Leader Course (ALC) redesign along with the Army's Distributed Leader Course (DLC). I am extremely proud of the entire United States Army Aviation Center of Excellence (USAACE) team, along with the Non-commissioned Officer Academies at Joint Base Langley/Eustis (JBLE) and Fort Rucker, Eastern Army Aviation Training Site (EAATS) and Western Army Aviation Training Site (WAATS) who have been working overtime the last twelve months on this redesign. The redesign effort was started prior

to my arrival by CSM Greg Chambers and the team. The team has tweaked the program of instruction (POI) just a bit since then out of necessity and the fact that TC 3-04.71 Aviation Maintenance Training Program (AMTP) was finalized and provided the doctrine required to facilitate the redesign.

**BLUF** – We wanted to stop teaching outdated and unrelated 10 and 20 level tasks to our Advance Leader Course (ALC) students (sergeants). In most cases, across all our military occupational specialties (MOS) upon graduation students are promoted almost immediately to staff sergeant.

**Legacy Course** – Under the current maintenance ALC POI, our active duty NCOs attend one of 11 courses ranging from 297-481 academic hours, designed as a single-phase course, taught at JBLE. Our COMPO 2 and 3 NCOs attend the same 11 courses but are taught in 2 or 3 phases based on their MOS, located at EAATS, WAATS or JBLE, and are phase dependent. In reviewing the courses along with reviewing years of student end of course critiques, it was never more apparent that a holistic redesign was long overdue!

**Redesigned Course** – In August, we held our Maintainer ALC redesign forum where we brought together NCO leaders, current instructors, recently graduated ALC students, and current ALC students, and asked; what exactly should our sergeants know in order to be more lethal aviation leaders and maintainers at the staff sergeant level? Under the redesign, using the AMTP to guide our discussion, we felt it best to focus the course on leadership and managerial principles required by our staff sergeants. Additionally, all MOS specific tasks were



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removed from ALC and are now to be taught and recorded at the organizational level. The course consolidation will also reduce the Training Aids, Devices, Simulators and Simulations, (TADSS) requirements by 90% and the training hours reduced to an estimated 260 academic hours. With the redesigned POI, we were able to consolidate the 11 courses into a single course that better supports the One Army School System with NCOA-E, WAATS and EAATS. Thus, being able to conduct all training within the redesigned POI at each of their respective locations with no requirement for any NCO to specifically attend a location based on the phase regardless of their component. We are currently running pilot courses with hopes of full implementation at the start of FY21.

With the 3-04.71 AMTP requiring our units to train the maintenance, this is what the team believes will best benefit our NCOs into the future.

- Analyze the Operational Environment
- Prepare for the Aviation Resource Management Survey (ARMS) Inspection
- Quality Control
- Safety Program
- Aircraft Notebook
- Enforce Command Supply Discipline
- Implement the Aviation Maintenance Training Program (AMTP) 3-04.71
- Determine Aircraft Weight and Balance
- Culminating Event or Situational Training Exercise (STX)

As many of you may not be aware, I wanted to provide a brief update on the DLC. Levels I and II DLC were launched on 1 Feb. by the NCO Leadership Center of Excellence (NCOLCOE), Fort Bliss, TX. DLC will eventually replace all levels

of the current Structured Self Development (SSD) across our Noncommissioned Officer Professional Development System (NCOPDS). Of note, DLC I as of 8 Feb. already had 650 Soldiers enrolled and DLC II had over 187! The NCOLCOE hopes to launch DLC III by the end of summer with DLC IV, V and VI following in the future.

### DLC Rollout Course

The video located at the following link is a short description of the course and what Soldiers can expect.

**Description:** <https://www.youtube.com/watch?v=pmA1ukxsq4k&spfreload=10>

This video describes the effective phase out of Structured Self Development (SSD) and contains the rules behind enrollment into DLC.

**DLC Rollout Message:** <https://www.youtube.com/watch?v=vSAffUjKiYQ>

These are extremely exciting times for our noncommissioned officers and their education. The future of our branch is very bright, and our NCOs will be prepared for anything our Army asks of them. I'd like to personally thank everyone across all teams who've had or continue to have a hand in the ALC redesign. If not for these Army Professionals, we wouldn't be getting this accomplished for our NCOs. I am truly humbled and honored to serve alongside everyone! Thank You!

Above the Best!

CSM Hauke

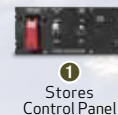
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*CSM Brian N. Hauke is the command sergeant major of the Aviation Branch and the U.S. Army Aviation Center of Excellence, Fort Rucker, AL.*

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# FY 18-19 Mishap Trends Analysis: The Value of Rehearsals During Mission Planning to Identify and Mitigate Risk

By COL Christopher W. Waters

Examination of all Class A mishaps during FY 2018 and 2019 indicates a broad mix of geographic locations, missions, complexity and environmental conditions in which the mishaps occurred.

We incur mishaps during home station training, as often as combined training center (CTC) rotations or while deployed on contingency operations. Nearly as many mishaps occur during the day as occur at night or during degraded visual environments (dust/brownout, fog/instrument meteorological conditions). A significant minority of our accidents occur during single ship or individual training missions, but most occur during collective training, multi-ship operations, or complex mission sets. Most occur during flight, but too many occur during ground taxi operations. Consistent with historical trends, 86 percent of our recent mishaps were caused by human error (two mishaps were due to material failure).

Regardless of mission, tasks or conditions, a more detailed analysis of FY18-19 mishaps with human causal factors indicates trends in four broad categories:

1. Failure to execute to standard or follow established procedures
2. Poor crew coordination
3. Failure to identify or mitigate risk during planning and execution
4. Failures in the mission approval process

All four categories merit commanders' attention (and we will explore them further in future articles in this publication), but for the remainder of this commentary, our focus is number 3 and the value of rehearsals in identifying and mitigating risk.

Mishap investigations reveal failures to integrate risk management into the planning process during battalion-level mission analysis, MDMP and orders production, as well as during troop leading procedures and the mission approval process at the company and platoon level. While the mission approval process, the composite risk management matrix and mission briefing officers therein, are express tools to help an aircrew and collective team see and mitigate risk, there is no better process to aid in risk identification and mitigation than the rehearsal.

Rehearsals come in many forms (backbriefs, combined arms rehearsals, support rehearsals and battle drills) and methods from sketch map to paper map, terrain model and terrain rehearsals, to key leader and up to full dress rehearsals, to name a



U.S. ARMY NATIONAL GUARD PHOTO BY SGT EMILY FINN

A UH-60L Black Hawk helicopter prepares to land during an aeromedical evacuation rehearsal at Udairi Range Complex near Camp Buehring, Kuwait, Dec. 11, 2018. The rehearsal was conducted to prepare for Operation Desert Observer II, a combined arms live-fire exercise with Task Force Spartan and the Kuwaiti Land Forces, to validate protocols and strengthen communications between the ground teams and aviation assets.

few, given the time and resources available. Regardless of method, rehearsals enable participating aircrews, teams, units and commanders to visualize in three-dimensional time and space, the integration of maneuver elements and disparate operating elements against the plan of action. Rehearsals expressly permit all participants to uncover points of friction, hazards and risk to the plan and to implement control measures accordingly. Orchestration of rehearsals should be designed in part to do just that. When time is short, which it invariably is, commanders should prioritize rehearsal of the highest risk portions of the mission, and aircrew at all echelons should do the same.

Commanders, battalion staffs and company leaders should allocate time in planning after receipt of mission for rehearsals. Commanders should expressly dictate and emphasize hazards, risk identification and mitigation associated with crew training level and capability, environmental conditions, and terrain, as much or more than they emphasize the hazards and risk posed by the threat. We go to great lengths to understand and mitigate enemy capability, but often to the detriment and great peril of the hazards and risk posed by the environment, terrain and mission complexity.

Anecdotally from our CTCs, we know effective rehearsals reduce the likelihood of mishaps and increase the probability of mission success. At their core, rehearsals expressly facilitate mission visualization in time and space and improve the ability to uncover, identify and mitigate otherwise undisclosed hazards and risk. Army Aviation leaders and aircrew members should mandate and maximize rehearsals to prevent loss.

Readiness Through Safety!

COL Christopher W. Waters is the deputy commanding officer for the U.S. Army Combat Readiness Center at Fort Rucker, AL.



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# Army Reserve Aviation: Preparing for Multi-Domain Operations

By BG Jamelle C. Shawley and CPT Richard Nezat



U.S. ARMY PHOTO BY CPT WIMBERRY FERRER-MENDEZ, PUBLIC AFFAIRS OFFICER, ARMY RESERVE AVIATION COMMAND

**D**eploy, fight and win on a multi-domain battlefield is the vision for the Army of 2028.

Deploy, fight and win on a multi-domain battlefield is the vision for the Army of 2028. Army Aviation must operate within an Anti-Access/Area Denial (A2/AD) environment while enabling combined arms teams to strike over extended distances and terrain to attack enemy forces where and when most vulnerable. The Army Reserve Aviation Command (ARAC) is working closely with the Army Aviation Mission Survivability (AMS) Branch to develop and implement doctrine to fight and win in the A2/AD environment.

The Army's recent doctrinal shift dictated changes to training, mission planning, utilization of joint enablers, and tactics. The ARAC faces several challenges in implementing these changes. Access to classified networks, classrooms suitable for classified training, and availability of Common Missile Warning System (CMWS) B-kits for training on electronic warfare ranges are some of the challenges. In each case, close coordination with the AMS Branch and U.S. Army Reserve Command allows the ARAC to better understand the requirements and work to mitigate the challenges.

A key element in preparing for the A2/AD environment will be shifting the tactical training workload to the AMS Officers (AMSOs) making them the primary tactical unit trainer. The increased reliance on AMSOs requires not only an increased investment in their education and development, but also a cultural shift in the Aviation branch. By participating in Special Operations Aviation Advanced Tactics Training (SOA-ATT) and Advanced Tactical Instruction Train-the-Trainer, AMSOs within the ARAC have made considerable progress in implementing the 2900 series tasks during the

*As part of the Total Force, a UH-60 Black Hawk from the Army Reserve Aviation Command prepares to depart in support of the 82nd Combat Aviation Brigade during Hurricane Florence.*

past 6 months. This progress was made possible through the tremendous support received from the ARAC senior leadership. Their continued emphasis on the need for cultural change across the ARAC and willingness to hold subordinate commanders accountable for proficiency in 2900 series tasks will continue to pay dividends as we prepare for the future.

The level of detail required for mission planning in an A2/AD environment is similar to large scale air assault operations. There has been a significant increase in requirements for the S-2 to prepare and provide intelligence products. Deemed "Fused Mission Planning," flight leads (FLD) and air mission commanders (AMC) must understand precisely how to exploit the threat in their area of operations by using joint enablers, tactics, and deliberate planning. In order to accurately and timely identify the threat, AMCs and Flight Leads should incorporate their S-2 section into every step of the planning process. To support AMSOs being the primary tactical unit trainers, AMSOs from the ARAC will be participating in fused mission planning training developed by the AMS branch.

Recognizing the significant role that AMS will play in the A2/AD environment the ARAC is investing in AMS through a holistic approach. Investments made now in cultural change, talent management, education and resources will enable the force of tomorrow. The end state will be the most capable, combat-ready and lethal Federal Reserve aviation force in the history of our Nation.

*BG Jamelle C. Shawley is the commanding general and CPT Richard Nezat the G-33 Current Operations Officer at the Army Reserve Aviation Command, headquartered at Fort Knox, KY.*



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## ▶ 128th Aviation Brigade Update

*An investment in AMTP is an investment in Army Aviation's commitment to provide ground force commanders with aviation options to fight and win.*  
COL Richard H. Zampelli, Commander

# The Aviation Maintenance Training Program

By SGM Frank Giuseffi and CW4 Dustin Case



U.S. ARMY 128TH AVIATION BRIGADE PHOTO

Aviation maintenance must evolve in order to meet the Army aircraft readiness demands of the modern battlefield.

Future operating environments with limited logistic footprints will require aviation maintainers to possess advanced skills and knowledge to maintain aircraft with limited parts and equipment. In July 2018, TC 3-04.71 was published, laying out the new Aviation Maintenance Training Program (AMTP). AMTP was designed to enhance readiness by ensuring individual maintainers develop and sustain the skills needed to maintain aircraft (TC 3-04.71). The creation of AMTP was driven by the recommendation from the Holistic Aviation Assessment Task Force (HAATF). The findings highlighted a gap in aviation maintainer standardization to track and develop aviation maintainers (HAATF, 2016). The AMTP addresses this gap.

### Components of AMTP

The goal of the program is to take an apprentice mechanic who leaves Advanced Individual Training (AIT) and turn them into a highly trained specialist in the operational force. TC 3-04.71 is comprised of four chapters that highlight: Duties and Responsibilities, Training Requirements, Evaluations, and Records. It provides unit leadership and maintainers technical proficiency and professional development processes and resources; individual progression and sustainment processes by which maintenance competence can be accurately measured; standardized task requirements and procedures; and standardization of maintenance training and training records (TC 3-04.71). According to the publication, aviation maintainers must be trained and evaluated annually on their MOS tasks. These evaluations gauge proficiency and assist leaders with adjusting their training program, but they should not be

*AH-64 Apache Training Device used for training 15Y AH-64 Armament/Electrical/Avionic Systems Repairers at Felker Army Airfield, Joint Base Langley-Eustis, VA.*

used as a promotion requirement. The USAACE Commander MG William Gayler stated during last year's Worldwide Aviation Logistics Conference "That we should make it clear that AMTP is not about evaluating Soldiers. The program is about training Soldiers" (Gayler, 2018). Therefore, AMTP should be used as a guide for conducting unit training, not as a rigid standard. Commanders have always been responsible for providing Soldiers the resources and MOS training required to maintain task proficiency (AR 350-1). Commanders must also conduct leader training at all levels to properly supervise maintenance operations and to motivate Soldiers to properly maintain equipment (AR 750-1). The AMTP helps leaders meet both of these policy-driven requirements.

### Individual Critical Task List

AMTP is centered on the individual maintainer's MOS Individual Critical Task List (ICTL), often referred to as the "job book." The ICTL is a list of critical MOS tasks broken down by skill level, the foundation for individual MOS training. Each task on the ICTL breaks down the task, condition, standards, performance steps, and the evaluation guidance for Soldiers and evaluators. Although the ICTL is a set group of tasks, commanders can add to the ICTL based on specific unit requirements. The ICTL for each MOS is in the Central Army Registry which can be accessed through AKO or the Job Book tab in the Digital Training Management System.

### Improving the Training Culture

The aviation community must develop a culture where MOS training is ingrained into SOPs and training schedules. The culture change we need is one in which leaders place as much emphasis on training maintainers as they place on training flight crews. MOS training needs to be included in company training meetings. For the AMTP to succeed, commanders must carve out time into an already busy schedule and protect it. NCOs must invest their time training apprentices to become specialists. All leaders need to make a daily effort to include MOS training and evaluations into simultaneous repair of NMC components and aircraft. An investment in the AMTP will result in highly trained maintainers, increased operational readiness rates, and reduced sustainment costs. Most importantly, it will enable commanders to provide ground force commanders aircraft ready to fight and win on the modern battlefield.

*SGM Giuseffi is a training manager at the 128th AVN BDE at Joint Base Langley-Eustis, VA; and CW4 Case is an AH-64 Maintenance Test Pilot assigned to Doctrine Division, Directorate of Training and Doctrine (DOTD), U.S. Army Aviation Center of Excellence (USAACE).*





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## Introducing MIL-STD-3063 – The New Standard Practice for a Rotorcraft Structural Integrity Program (RSIP)

By Robert E. Benton Jr., Mark E. Robeson, and Robert W. Arden

**U**.S. Army Combat Capabilities Development Command (CCDC) Aviation & Missile Center structures and materials engineers make sure that helicopter structures will perform the intended function. This is another way to say that the helicopter will maintain its structural integrity. Engineers meeting structural integrity challenges for a new aircraft model may find a sense of joy in the journey. This joy is much the same as found in solving a jigsaw puzzle piece by piece, without hints of an emerging picture. However, it can be unsettling to find that we may have neglected proper use of the “puzzle box top” when complex and puzzling engineering efforts end up lost in the wilderness.

Over the past five years, CCDC engineers have been writing a new standard practice for an RSIP, MIL-STD-3063. This document will help solve the complex challenge of rotorcraft structural integrity. Much like the puzzle box top, an RSIP master plan developed per MIL-STD-3063 requirements will help development and modification programs see where each piece of the puzzle fits into the larger picture. When a particular piece is missing, the RSIP master plan will indicate how fielding and other tasks are impacted. This insight will aid the program to see the missing pieces as early as possible and to find the best way to field a suitable aircraft. The program will be able to decide whether to add the missing piece, or to plan change to other pieces to complete the picture.

The RSIP standard practice was patterned after a similar standard practice used by the USAF for an Aircraft Structural Integrity Program (ASIP). Similar to ASIP, the standard practice for RSIP includes tasks for design information, design analysis and developmental testing, full-scale testing, fielding with instructions for continued airworthiness, and fleet management. These five tasks include familiar elements from the development programs used for the current rotorcraft fleet, such as fatigue testing and flight load survey. Using the RSIP standard practice will help make sense of where each piece belongs. For example, RSIP explains how fatigue substantiation depends on fatigue test results and flight load survey. More generally, the document clarifies relationships between each task. In addition, it allows program managers to see potential field issues related to each task. For example, will the missing piece lead to a performance limitation or additional maintenance?

For the Soldier, the result of applying the RSIP standard practice will be more reliable, available, maintainable, and suitable rotorcraft structure. Development programs will have better structural requirements with fewer technical surprises. RSIP’s disciplined approach will allow the program to better plan for schedule and cost without risk to safety of flight structure. Contractors will find a consistent process applied to each rotorcraft design. Finally, the Air Force and Navy will have a better understanding of effort required for modification programs.



*Rotorcraft Structural Integrity Program master plans will help development and modification programs see where each piece of the puzzle fits into the larger picture.*

The RSIP standard practice classifies structure as principal structural elements, safety of flight structure, primary structure, and secondary structure. The classifications depend on the intent of the structure, the consequence of structural failure, and the role of structural fatigue in the potential structural failure.

For rotorcraft, the loads environment represents a challenge to the capability of a structure to continue performing its intended function, particularly in the form of structural fatigue. Damage tolerance, safe life, and enhanced safe life represent the three main methods for addressing structural fatigue. The standard practice defines each term and identifies conditions for how the contractor will implement each method.

Desiring to include industry as full partners from the beginning, the co-authors established a review team early on to help develop the new standard practice. More than twenty-five structural integrity experts from four major rotorcraft original equipment manufacturers helped form the backbone of the review team as industry representatives. The team also included more than fifteen structural integrity experts from other contractors, companies, or organizations, as well as foreign government representatives. The authors are grateful to their CCDC co-authors, as well as the many reviewers from industry and our sister services.

*Robert E. Benton, Jr. is the chief engineer of the Structures and Materials Division, U.S. Army CCDC Aviation & Missile Center Aviation Engineering Directorate (AED) at Redstone Arsenal, AL; Mark E. Robeson is the structures technical area lead for the U.S. Army CCDC Aviation & Missile Center Aviation Development Directorate at Ft. Eustis, VA; and Robert W. Arden is a retired chief of the Structures and Materials Division, AED and now works for Perspecta as an AED contractor in St. Louis, MO.*



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# Health for the Long Haul

By MAJ Erik S. Johnson, DO and MAJ Joseph J. Pavelites, MD, PhD, MPH

This issue, instead of answering a specific medical question, let's discuss healthy lifestyle choices.

We often focus so much on our mission and careers that we may forget to develop the habits that make for a long, healthy life. It is understandable that military medicine focuses on readiness of the soldier in their "prime." However, Americans live to about 80 years of age. Even after completing twenty or more years in the service, the military retiree generally has decades of time to enjoy. Many aviators will discuss with their aeromedical provider that they want to be able to spend quality years with family and friends after they have finished their military careers. It can't be overemphasized that the negative effects of poor lifestyle choices generally have the most notable impact after our military service. Therefore, it is wise to spend some time reviewing those choices to see where you can improve your health now and in the future.

The media has made us all aware that so much of our health is in our own hands. We all can make choices that limit our alcohol intake and promote a tobacco-free, physically and mentally active lifestyle fueled by proper nutrition. These foundations of health have a profoundly positive impact on preventing the most likely diseases of later life such as diabetes, heart diseases and many cancers. For example, good nutrition reduces the waistline that, in turn, lowers your chances of getting Type II diabetes, having a heart attack and developing cancers of the colon and breast. The best time to start making changes is now and the good news is that you do not have to make all the changes you need all at once. Small steps in the right direction add up to big, positive results overall.

So, what are some steps you can take?

**Eliminate or reduce your exposure to potentially harmful substances.** This includes reducing or quitting tobacco use (smoke, dip, and chew), tempering alcohol consumption, and being vigilant about what other substances you are exposed to in your environment. While tobacco smoke may be one of the most frequent hazardous exposures occurring both at home and at work, reducing exposure to other chemicals, solvents, dusts (wood and metal), exhaust, and fumes is prudent as well. I recommend reading and following safety labels on products and even familiarizing yourself with the online Safety Data Sheets (SDSs) that more fully describe the risks of common work related and household products.

**Increase the quality and quantity of physical activity.** This doesn't, necessarily, have to be a formal exercise program directed by a personal trainer. Remember small steps such as going on a walk-break, instead of a coffee break, or taking the stairs instead of an elevator can get your body moving and primed for advancing your exercise routine. It has been shown that just the simple act of routinely putting on your sneakers motivates people to do the next step: using them.

Watch what you eat. Reduce the amount of salt (sodium) and carbohydrates (especially simple sugars) that you consume. Reading nutrition labels often reveals hidden sources of sodium and sugar and gives you the opportunity to make better food choices. Make sure to get plenty of fresh fruits and vegetables. Remember, even healthier choices need to be consumed in the proper amounts. We often over estimate how much an appropriate portion should be.

**Maintain a healthy weight** for better sleep, more energy and to prevent disease and to decrease the risk of injuries. With roughly two-thirds of Americans having a weight problem, many people have set weight loss as a personal goal. Don't forget that your flight medicine team can help you with your weight loss goals, while also monitoring other measures of health like blood pressure and cholesterol levels. Your flight medicine provider often can direct you to resources, like nutrition programs, wellness centers, and recreational activities that you may not be aware of.

Certainly, this is not an exhaustive list of healthy habits and positive lifestyle changes. However, it is a good list of basics that give the best bang for the buck. Remember, there is nothing faddish about good health; just incremental changes that synergistically combine to give yourself a better quality of life now and after your military career.

Fly safe!

Drs. Johnson and Pavelites

## Question for the Flight Surgeon?

If you have a question you would like addressed, email it to [AskFS@quad-a.org](mailto:AskFS@quad-a.org); we'll try to address it in the future. See your unit flight surgeon for your personal health issues.

The views and opinions offered are those of the author and researchers and should not be construed as an official Department of the Army position unless otherwise stated.

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*MAJs Johnson and Pavelites are aeromedical specialist physicians at the United States Army School of Aviation Medicine (USASAM), Fort Rucker, AL.*

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## Ready for Today; Prepared for Tomorrow – DAMO-AV Continues to Provide Information, Context and Speed to Enable Senior Leader Decision Making in a Complex OE

By BG David J. Francis and COL Phillip J. Ryan



U.S. ARMY PHOTO BY SFC ANDREW MCKEL, 22ND MOBILE PUBLIC AFFAIRS DET.

This past year has witnessed significant change for both the Army and Army Aviation. The advent of Army Futures Command (AFC) and the associated Cross-Functional Teams (CFTs) have already had a significant impact to both the present and future of Army Aviation. Couple pending changes in equipping and force structure with the current pilot shortage, ongoing impacts from the 2016 Holistic Aviation Assessment Task Force (HAATF) recommendations, and a force that's 83% committed throughout the world, and Army Aviation remains in a state of flux. Through it all, the Department of the Army Management Office-Aviation (DAMO-AV) continues to play a crucial role in providing information, context and speed to Army Senior Leaders to help them make the best, most well-informed decision for the Army and our Branch.

### **SA and CSA Holistic Army Aviation Review – Ensuring the right resources are in place at the right time in order to enable the Operational Force**

In support of the Secretary of the Army's priorities, DAMO-AV, in partnership with TRADOC and FORSCOM, was tasked with analyzing and recommending efficiencies to improve Operational Force Flying Hour Execution. The intent is to ensure the right resources are provided at the right time and place to ensure the ability of our Aviation formations to meet National Defense Strategy (NDS) collective readiness requirements. Key findings included under resourcing at USAACE, which led to an underproduction of Army Aviators and an overestimation of the flying hour program inputs to the Operational Force. The SECARMY and CSA approved the following actions for implementation:

U.S. Soldiers assigned to the 2nd General Support Aviation Battalion, 4th Aviation Regiment, 4th Combat Aviation Brigade, 4th Infantry Division, conduct safety checks and prepare their UH-60 Black Hawk for air assault training at Mihail Kogalniceanu Air Base, Romania, July 10, 2018.

fully fund Combat Aviation Brigades (CABs) to collective readiness levels that meet NDS operational requirements, reform the methodology used to calculate flying hour program funding, and fund and resource USAACE so that pilot output meets steady state requirements. These approved actions will result in more pilot production at USAACE, CABs fully funded to execute the Aviation Training Strategy, and efficient FHP funding that allows the Army more flexibility within constrained fiscal resources.



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## **Aviation Bonus and Incentive Pay – Paying Aviators What They’re Worth**

It is now 19 months since the original Aviation Bonus was released to the field and there have been modest results retaining our talented aviators. Due to fiscal constraints, the Department of the Army was forced to be judicious on which aviation MOSs would be targeted for retention. The aviation enterprise has now focused on a longer-term solution, staffing a request to increase AvIP to the maximum authorized limits outlined by the Department of Defense (DoD). The unprecedented stressors on the aviation force are not lost on anyone. From the current OPTEMPO, both at home station and deployed, to MOS shortages, to emerging opportunities in the commercial pilot work force, Army leadership recognizes the sacrifices that Army Aviation has made and continues to make. In response to these challenges, your Aviation leaders, in conjunction with HQDA G-1, are working towards a DoD wide proposal to move away from a standard AvIP table to a more tiered pay table incentivizing aviation career progression. These changes coupled with increased accessions through USAACE will improve readiness throughout the branch.

## **Holistic Aviation Task Force Recommendations – Army Aviation Enters the Home Stretch**

DAMO-AV continues to oversee implementation of the recommendations from the Holistic Aviation Assessment Task Force (HAATF) in order to regain decisive action readiness. In 2016, the HAATF developed 63 recommendations focused on six areas: (1) Doctrine, (2) Organization, (3) Training, (4) Sustainment, (5) Leader Development, and (6) Governance. At the start of FY19, 37 of the recommendations were complete, and 90% will be complete by the end of the fiscal year. Army Aviation has made significant progress to the way that we man, train, equip, and sustain the force through direction provided by the HAATF. Many of these changes impact the entire Army and will improve the Total Army Force, especially our ARNG and USAR formations. The implementation of the HAATF recommendations demonstrates the effectiveness with which the Aviation Enterprise is able to come together across so many distinct and disparate organizations for positive change.

## **Quarterly Aviation Synch Meeting (QASM) – How the Aviation Enterprise Continues to Solve Problems and Synchronize Efforts.**

USAACE and DAMO-AV are committed to solving problems and synchronizing efforts across HQDA, the Aviation Enterprise, FORSCOM and the ASCCs, and the QASM remains the venue to do just that. Co-hosted by USAACE and DAMO-AV and focused on solving Aviation Enterprise issues and synchronizing fielding, modifications and reset with operational demands, this quarterly forum provides a venue for aviation leaders to solve Army Aviation friction points. The QASM has grown from the initial four working groups (Equipment Fielding, Modification, and Reset, AH-64E Fielding, Operational Requirements, and Sustainment) to now ten. These new working groups – Unmanned Aircraft Systems, Reserve Component Mobilization, Air Traffic Services, 5-17 HARS Stand Up, Holistic Army Aviation Task Force (HAATF) Implementation, and Flying Hour Program Execution – are led by committed Army Aviators from across components and commands to ensure the very best solutions are presented to Army Senior Leaders for decision and implementation. Over the past two years, QASM has proven the right venue to avoid solving problems “in a vacuum,” and ensure that a holistic, enterprise wide solution is achieved.

## **Army Aviation Modernization Programs – Army Aviation lethality, survivability, and modernization prepares for the next conflict**

DAMO-AV continues to synchronize the acquisition strategy and fielding efforts between TRADOC, USAACE, PEO-AV, PEO-IEWS, and our industry partners to move forward with materiel solutions for the Army’s lethality, survivability and modernization efforts. Priority modernization programs include Aircraft Survivability Equipment (ASE), Long Range Precision Munitions (LRPM) and Lightweight Precision Munitions (LPM), Black Hawk, and Aircraft Notebook (ACN) fielding.

Army Aviation has a phased approach to modernization of ASE which will address the critical shortfalls in detecting and defeating complex threats. Technological advancement and modernization efficiencies in detect (Lim-

ited Interim Missile Warning System and Radar Warning) and defeat (Common Infrared Counter Measure) systems over the past year have accelerated fielding, beginning as early as 4QFY19. Over the past year, key testing efforts within Lightweight Precision Munitions (LPM) and Long-Range Precision Munitions (LRPM) provided refinements for our current lethality requirements to rapidly field advanced munitions to the warfighter.

The first UH-60L was inducted into the UH-60V production line January 9, 2019. Fort Rucker will receive the first 10 UH-60Vs by April of 2021, and the first UH-60Vs will be fielded to tactical units in FY22. Aircraft Note Book (ACN) software has been fielded to 54% of the Army’s rotary wing (COMPO 1, 2, 3) and UAS fleet. Current fielding efforts for those platforms will conclude by the end of FY19 as we transition away from the legacy ULLS-A(E). ACN fielding efforts to Army Fixed Wing units will begin in FY20. In addition to improved maintenance tracking and prioritization, another significant upgrade the ACN will provide is the ability to document and track collective training iterations by task for each aircrew.

## **Conclusion**

As we enter the summer PCS season, DAMO-AV will say goodbye to a number of key individuals, including COLs Phil Ryan, Tammy Baugh, RJ Garcia, and Whitney Gardner as well as CW5 Jon Koziol. Their hard work and dedication, along with everyone on this team, have set the conditions for the continued success of our branch. Army Aviation is, and will remain, the key asymmetric advantage that the U.S. Army provides our Joint and International partners. It has been my distinct honor to serve as the Army Aviation Director for the past year.

Above the Best! Army Strong!

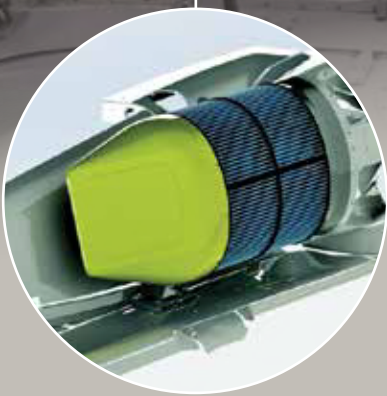
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*BG David J. Francis is the Director of Army Aviation and COL Philip J. Ryan is the deputy director at Headquarters, Department of the Army G-3/5/7 (DAMO-AV).*

*Editor’s Note: BG Francis has been announced as the next commanding general of the U.S. Army Aviation Center of Excellence and Fort Rucker; and Chief, Aviation Branch.*



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## AMCOM 2019: Reshape, Reform, Refocus

By Mr. William P. Marriott

**T**he U.S. Army Aviation and Missile Command (AMCOM) is moving forward in 2019 with a shifting Army paradigm impacting everything from how we measure readiness to what we must modernize across multiple operational domains. Steered by the Army Modernization Strategy, we are reforming AMCOM in order to provide more timely and effective support to the Warfighter. We are focusing on prioritizing requirements and streamlining the way we do business to increase readiness and improve responsiveness for our Soldiers.

In mid-February, due to a Commanding General underlap, I assumed the role of the Executive Director of AMCOM until our next commanding general arrives mid-summer. While the name at the top has changed, the vision, goals and guiding principles that MG Doug Gabram instituted have not. We will continue to lead the charge on critical focus areas such as: achieving strategic depth in readiness drivers, improving Depot performance, increasing aircraft availability at Fort Rucker, AL, focusing our spending on the right items, reducing contracting time, and developing our workforce. This article will provide insight on some of our supporting initiatives, their strategic alignment, and how they deliver value to the aviation community.

### Seven Strategic Support Focus Areas

The Army continues to face adversaries in an ever-changing operational environment. The need to dynamically surge with overmatch capabilities over multiple domains is critical to the success of the Warfighter. As we shift from the Ready-

Force of 2022 to the Modern-Force of 2028 and ultimately to the Multi-Domain Force of 2035, we must continue to offer flexibility in order to support and maintain a ready, modernized and balanced Army. The U.S. Army Materiel Command has identified seven key strategic support focus areas that enable and support the multi-domain operational concept and AMCOM is realigning our initiatives and resources to best support each of these areas.

**Installation Readiness** – While AMCOM certainly plays a role in training and installation readiness through Fleet Management Expansion support, we also fulfill this through our lead sustainment role at ACLC.

**Supply Availability & Equipment Readiness** – Later in this article, we discuss how AMCOM is steadily attacking our readiness goals by driving internal process and policy improvements and building strategic depth in supply availability with proactive readiness drivers.

**Munitions Readiness** – AMCOM is targeting opportunities to strengthen our munition readiness through our collaborative partnerships with Program Executive Office Missiles and Space. We are also driving down costs with an improved DEMIL process and ensuring the Army missiles receive the maximum operational shelf life through the SRP.

**Strategic Power Projection** – AMCOM is working hard to



*A flight of AH-64 Apache helicopters assigned to the Combat Aviation Brigade, 1st Infantry Division, leave Belgium for Atlantic Resolve, Feb. 7, 2019*

standardize our LRC-A program. We have made great strides improving our readiness drivers and supply chain agility for APS while building our support relationships with the TASM-G to deliver reliable support at an enterprise level.

**Industrial Base Readiness** – While a continued commitment to improving our Performance to Promise and focus on secondary items is the key to our industrial base reform, our ability to maintain surge capability and prepare for modernization efforts are critical elements to the success of our future Army. Our support of the Avenger 72 overhaul and UH-60V are prime examples of our growing agility and continued commitment to mission success.

**Soldier & Family Readiness** – The development of Soldiers, DA civilians and care for their families are some of our highest priorities. Our commitment to the PCC helps to groom and educate future leaders, while our annual AVN & MSL 101 courses familiarize Soldiers with the unique aviation and missile services offered throughout the command. We prioritize our families’ quality of life and will continue to be active in programs such as the Army-wide effort to ensure safe, quality housing to our cohort.

**Logistics Information** – AMCOM is making great strides in leading Army Aviation into the GCSS-A future through support to PEO Aviation with the fielding of the ACN. We are also investigating the use of ACN to standardize Missile

readiness reporting and investing our resources and focus through reform with our modernization initiatives like AI and prognostic/predictive maintenance.

As the number of aviation and missile systems which will transition to sustainment continues to grow in the near term, we will continue to reform our supply chain efforts and sustainment capabilities to adapt to the Multi-Domain Operations (MDO) operating concepts and expeditionary requirements of tomorrow. AMCOM stands committed to our support of the Warfighter through each of these seven strategic support areas.

### Reforming our Supply Chain

Optimizing our supply chain and depot processes and understanding our Industry partners’ supply chain vulnerabilities remains at the forefront of our command priorities. These priorities are embodied in our campaign plan as LOE 1 –



U.S. ARMY PHOTO BY FRANK DOBBOY, 25TH CAB PUBLIC AFFAIRS

*An AH-64 Apache with 25th Combat Aviation Brigade, participates in Tropic Lightning Week 2018, Dec. 16, 2018.*

**Alignment to AMC's 7 Strategic Support Focus Areas**

|                                     | Installation Readiness   | SA & Equipment Readiness  | Munitions Readiness   | Strategic Power Projection   | Industrial Base Readiness   | Soldier & Family Readiness   | Logistics Information   |
|-------------------------------------|--|---|---|--|---|--|---|
| <b>Initiatives – Driving Reform</b> | ACLC Support to Ft. Rucker<br><br>FMX Reform<br><br>LAP Reform<br><br>OEM Engagements<br><br>Contracts Management Reform | LOE 1 Task Force<br><br>Strategic Depth In Readiness Drivers<br><br>DEMIL | SRP<br><br>LEAD Missile Maintenance<br><br>DEMIL                        | LRC-A<br><br>TASM-G<br><br>APS Spares<br><br><b>AMCOM STF</b>        | Art of Probable & TELSS<br><br>Modernization / Surge Capabilities<br><br>CIP Projects   | Leader Development<br><br>AVN / MSL 101<br><br>HR Flexibilities<br><br>PCC     | CBM+<br><br>GCSS-A Inc 2 / ACN<br><br>AI / Prognostic Maintenance |
| <b>End Goals</b>                    | Supporting AMC holistic approach to installation readiness   | Institutionalizing change and sustaining improvements across POM          | Preserving funding and supporting DEMIL tech to reduce life-cycle costs | Synchronizing AMCOM capabilities with AMC / GCC mission requirements | Driving and sustaining investments in OIB capabilities to support modernization & surge | Maintaining command focus on attracting & retaining Soldier leaders & families | Aggressively leading tech changes that improve readiness outputs  |

**Glossary:**  
 ACLC – Aviation Center Logistics Command  
 ACN – Aircraft Notebook  
 AI – Artificial Intelligence  
 APS – Army Prepositioned Stocks  
 AVN – Aviation  
 CBM – Conditioned Based Maintenance  
 CIP – Capital Improvement Projects  
 DEMIL – Demilitarization  
 FMX – Fleet Management Expansion  
 GCC – Ground Command and Control  
 GCSS-A Inc 2 – Global Combat Support System-Army Increment 2  
 HR – Human Resources  
 LAP – Logistics Assistance Program  
 LEAD – Letterkenny Army Depot  
 LOE 1 – Line of Effort 1  
 LRC – A – Logistics and Readiness Center Aviation  
 MSL – Missile  
 OEM – Original Equipment Manufacturer  
 OIB – Organic Industrial Base  
 PCC – Pre-Command Course  
 POM – Program Objective Memorandum  
 SRP – Stockpile Reliability Program  
 TASM-G – National Guard Theater Aviation Sustainment Maintenance Group  
 TELSS – Technical Engineering and Logistics Services and Supplies

Sustainable Materiel Readiness (SMR). We've established an SMR Task Force to address the policy, processes, and organizational reforms needed to achieve the highest possible level of support for Army aviation and missile units.

The SMR Task Force is an enduring effort to improve supply chain and depot maintenance operations by developing metrics to identify and correct suboptimal performance. We are addressing process improvements, contracting timelines and weapon systems supply availability by defining the root causes of poor performance and prioritizing efforts and resources to correct those causes and maximize supply chain efficiency.

Key tasks include:

- Identify, evaluate and implement deliberate changes to processes and organization.
- Institutionalize processes and procedures.
- Develop key performance indicators and associated metrics to control processes and measure success.
- Improve internal and external communication with the workforce and partner organizations.
- Establish and maintain personnel training programs to ensure process integrity.
- Institute Supply Chain Manager Authority and make lasting changes.

What would success look like? AMCOM will have an accurate common

operating picture with processes that ensure the supply chain is optimized, strategic depth of the most critical parts is maintained, backorders are significantly reduced, and, quality, speed, and accuracy is the norm.

### Reshaping to Achieve the Desired Output

The Army has made significant investments to ensure AMCOM provides support to meet the readiness needs of the Army. As the Army reforms and modernizes, AMCOM must keep pace. Since mid-2018 we have taken a deliberate approach to realign our capabilities within the HQ to identify gaps, address them and focus our efforts on achieving the right output to the Army. Our guiding theme has been ensuring the operationalization of AMCOM to provide effective and timely support to the Warfighter. Without growing our footprint, we are realigning resources to priority mission requirements and refocusing the roles, missions and functions across organizations to ensure we are synchronized and integrated to meet the Chief of Staff's priorities and combatant commander requirements.

To drive this difficult change, we established an Integrated Product Team to identify gaps, propose solutions, develop recommendations, and facilitate the implementation of the commanding general's decisions. This team collaborated with our major subordinate

commands to ensure we had buy-in across the Command. Phase 1 focused on the clarification of missions and functions, Phase 2 focused on the development of various courses of action to align resources to desired outputs, Phase 3 will involve the reconciliation of personnel actions and updates to the Tables of Distributions and Allowances, and Phase 4 will codify the changes. Although we are only in Phase three, we have achieved a variety of operational and financial improvements which will provide enduring value to the Army. Ultimately, getting the organization right will ensure AMCOM can deliver readiness to our Soldiers, wherever they may be.

In today's fiscal environment where the ability to define requirements and prioritize resources is paramount, our strategic efforts to reshape, reform, and refocus, will guide our efforts. Achieving the right output for the Army can only succeed through a holistic approach with buy-in from all our partners. As we move forward, we will continue to hold ourselves accountable to provide the finest sustainment and modernization solutions to our Soldiers.

*Mr. William P. Marriott is the executive director of the U.S. Army Aviation and Missile Life Cycle Management Command (AMCOM) at Redstone Arsenal, AL.*





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## PEO Aviation: Aligned, Operationalized, Integrated

By BG Thomas H. Todd, III

*CH-47 Chinook, AH-64 Apache and UH-60 Black Hawk, assigned to 1st Air Cavalry Brigade, 1st Cavalry Division, leave the airfield of Chièvres Air Base during the Operation Atlantic Resolve, Belgium.*

U.S. ARMY PHOTO BY VISUAL INFORMATION SPECIALIST PASCAL DEWELDRE

As the Program Executive Officer (PEO) for Aviation, my mission is Designing, Developing, Delivering (D<sup>3</sup>) and supporting advanced aviation capability for our combatant commanders and Allies. For 70 plus years the Aviation Enterprise has delivered iconic programs including the CH-47, AH-64, UH-60, Gray Eagle and Guardrail. We own the task and challenge of executing the Army's future aviation programs while supporting the Nation's current national defense mission. The next fifteen years will be as transformative as any other time in the history of Army Aviation. The U.S. leadership in rotary wing aviation and the Army's comprehensive use of unmanned systems will only increase as we move into full fleet modernization.

### Aligned & Operationalized

As the Army pivots to invest in the Secretary of the Army's Top 6 Modernization priorities, we have actively aligned our portfolio to support the shared objectives of the Future Vertical Lift, Assured-Positioning, Timing and Navigation, and Network Cross-Functional Teams. We are executing to those demands and ensure there is no daylight between the efforts of the Army Futures Command to bring advanced prototype solutions and our efforts to rapidly adapt and deliver those capabilities to the field. With the release of

the President's Budget FY2020, there is a demonstrated commitment to the Aviation portfolio.

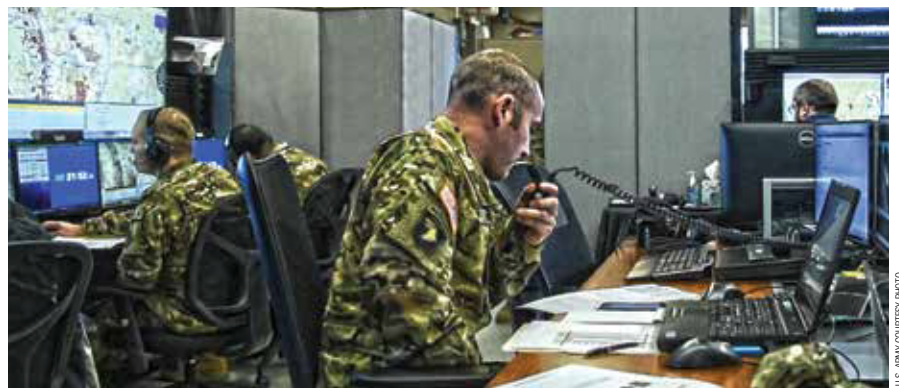
I continually challenge my leadership team to keep the CAB's mission front and center and plan their efforts starting from the CAB's mission essential tasks. I want the CAB Commander to focus on training and operations, not on how systems are built. We respond by fielding systems when and where they are most needed and ensure that they are combat capable and ready to support the COCOMs, Division CABs, Fires, Intelligence, and battle-field logistics missions.

We are committed to delivering to our Army's requirements as quickly as resources, industrial base capacity and technological readiness will allow. We

turn requirements, ideas, and prototypes into sustainable and enduring capability. Programs like the Black Hawk, Chinook, Apache and the 701 series engines have and will continue to operate for decades. We accomplish our mission essential tasks accessing DoD industrial base resources in and outside the U.S. Government.

The PEO Aviation portfolio can be viewed through the lens of three interrelated, priority groups: Current Fleet, Modernization, and International programs. These areas map directly to the Army, DoD and National Defense Strategy and keep us aligned as one Army.

**Current Fleet** readiness centers on ensuring the acquisition system and production capacity can meet the de-



*National Guard officers conducting a simulated Air Assault Exercise with CAB AIL in December 2018.*

U.S. ARMY COURTESY PHOTO



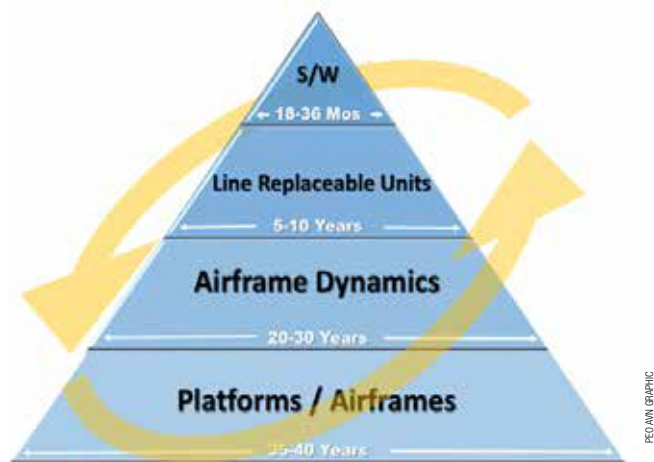
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Army Aviation development battle rhythm. Opportunity for USG and Defense Industrial Base alignment.

mands of the COCOM, CAB deployment, USAACE training, as well as Reserve Components. Working closely with Army G3, FORSCOM, USAACE and AMCOM we provide equipment, logistics, forward deployed operators and trainers that ensure the success of all these essential and critical missions. Key performance metrics are tracked across the Aviation community, including deployed units, to ensure smooth and enduring capability delivery through predictable and reliable production.

**Modernization** is continually setting the conditions through the current fleet to ensure the CAB's future success through continuous innovation. PEO is mapping out the synchronization of system and fleet modifications with the objective to maximize effectiveness, reduce the number of modifications, and minimize disruption to the CABs. Fielding synchronization ensures all integration is planned and conducted before systems are fielded to the CAB. We are committed to delivering on critical capabilities such as the Improved Turbine Engine Program, which is a key enabling capability for the Apache and Black Hawks, while also serving as the power plant for the Future Attack Reconnaissance Aircraft.

**International Programs** and our allied partnerships are a core tenet of the 2018 National Security Strategy and central to PEO Aviation's strategy. I am proud to say that today Army Aviation systems comprise a \$50.1B portfolio that is equipping and supporting 70 nations around the world. Not only do these international and allied partnerships support the Warfighter, they also greatly assist in smoothing the production rate for our industrial partners. Strategically, joint and combined operations are enhanced through interoperability, training, and cultural exchange with allied pilots, crews, and logistics personnel.

Each of these focus areas inform when and what products enter production. The production phase of a program is so important to the Army and Joint Force because the DoD is committing to a design, production rate, and the doctrine, organization, training, materiel, leadership and education, personnel and facilities (DOTML-PF) execution. As the PEO, and in many instances, the Milestone Decision Authority (MDA), transition into production is one of my most critical statutory decisions, and one that I test repeatedly by assessing:

- **Survivability:** Coordinating distributed platform-agnostic systems to implement optimal countermeasures

- **Reliability:** Addressing logistical concerns to ensure capabilities are maintainable and available when and where needed

- **Affordability:** Stewarding Army resources to deliver the best value to the Warfighter and the Tax Payer

- **Producibility:** Ensuring the readiness of the Defense Industrial Base to deliver at scale

### Integrated – An Innovation Culture

Our Army leadership is moving the Army's culture into one of opportunities, speed and acceptable risk. One of the greatest assets in our business is *efficiency*. To further drive efficiencies and accelerate delivery to the field, we are looking internally and externally to the DoD industrial base for innovative solutions. We are surveying how to use dual-purpose systems and LRUs from the commercial aviation, unmanned systems, or automotive industry. We can drive major cost savings by leveraging production bases already at scale and investing the difference between large-scale commercial production and military uses.

Our Army Aviation community can't wait for major system development to gain critical technology enhancements. The synchronized development battle rhythm of the Army and Industry is vital to success in meeting CAB deployment timelines and missions. Rather than focusing on platform-centric solutions, we have opened the aperture to ensure we are developing solutions that yield holistic CAB capability. An open systems architecture is a fundamental objective for sustaining healthy growth and competition, and we are committed to drive standardized system interfaces for rapid insertion of capabilities.

Aircraft software upgrades occur every 18-36 months, so we have an opportunity to iterate quickly and ensure our Soldiers are equipped with the latest capability. When we can improve or modify our systems through rapid, verifiable software insertions or block upgrades at an accelerated pace we will enable a cycle of fleet wide improvements. We already see this speed with our Operational Needs Statements modifications, some of which are developed and deployed three months from receipt.

Last year I introduced you to our initiative to develop a CAB Architecture Integration Lab (CABAIL) – a hub for government and industry capability verification and integration, which allows for CAB level assessment of operational impact. The initial phase of the CABAIL, which culminated in a successful proof of concept demonstration in December 2018, has already provided valuable operational insights allowing for more customer-driven decisions. I am looking forward to quickly realizing the full potential of this enabling tool to facilitate rapid adaptation of readily available technologies and insertion to the field.

The strength of the Army is in our ability to integrate and align with the DoD's enduring mission to provide combat-credible military forces needed to deter war and protect the security of our nation. Should deterrence fail, We, along with the Joint Force, are fully prepared to win. PEO Aviation's culture is focused on the combat commander's warfighting needs. We utilize our tools, mass of experience, and granted authorities to maximize our fielded systems' combat effectiveness to join in this shared mission. One Team... moving at the speed of trust.

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*BG Thomas H. Todd III is the U.S. Army Program Executive Officer, Aviation located at Redstone Arsenal, AL.*



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# 2019 Army Aviation Mission Solutions Summit

## Schedule of Events

### Friday, April 12, 2019

1430-1700 AAAA National Executive Board Meeting

### Saturday, April 13, 2019

0730-1700 Air Assault Chapter Golf Tournament  
 1300-1700 Registration Center Open  
 1500-1700 AAAA Scholarship Foundation Board Meeting  
 1700-1800 National Awardee Rehearsal  
 1700-1800 Veterans History Project Workshop  
 1815-2030 Awardee/NEG Dinner (Invitation Only)

### Sunday, April 14, 2019

1000-1900 Registration Center Open  
 1000-1400 AAAA Chapter Officer Workshops  
 1100-1200 Veterans History Project Workshop  
 1300-1530 Spouse Nashville City Tour  
 1500-1600 AAAA President's Industry Reception  
 Exhibitor ONLY Industry to Industry meetings

#### 1600-1900 Exhibit Hall Open

1600-1900 Early Bird Opening Reception *Sponsored by Team Apache* – Exhibit Hall  
 1800-1900 Chapter Sponsored Soldiers Brief (Invitation Only)  
 1930-2130 Industry Receptions

### Monday, April 15, 2019

0700-1700 Registration Center Open  
 0700-1700 Soldier Café (Military ID Required – No Retired)  
*Sponsored by Team Chinook*  
 0700-0900 Eye Opener Coffee *Sponsored by Northrop Grumman*  
 0700-1700 Press Room Open *Sponsored by Northrop Grumman*  
 0700-0745 Speakers Green Room Pre-Brief & Breakfast (Invitation Only)  
 0800-0930 Spouse Event – Yoga  
**0800-1030 PROFESSIONAL SESSIONS**  
**0800-0805 Opening Remarks**  
 Mr. William R. Harris Jr., AAAA Executive Director  
**0805-0820 AAAA Supporting You and Your Family!**  
 BG (Ret.) Stephen Mundt, AAAA National President  
**0820-0830 101st Airborne Division (Air Assault) Welcome**  
 MG Brian E. Winski, Commanding General  
**0830-0900 FORSCOM Acting Commanding General**  
 Keynote LTG Laura Richardson, Deputy Commanding General / Chief of Staff, U.S. Army Forces Command  
**0900-0925 Soldier & Unit Awards Presentation**  
**0925-1000 Aviation Branch Chief Update**  
 MG William K. Gayler, Commanding General, U.S. Army Aviation Center of Excellence (USAACE)  
**1000-1030 Aviation Support & Role in Multi-Domain Ops**  
 LTG Theodore D. Martin, Deputy Commanding General / Chief of Staff, U.S. Army Training and Doctrine Command  
**1030-1100 Acquisition, Logistics & Technology (AL&T) Update**  
 Mr. Jeffrey S. White Principal Deputy Assist. SECARMY, AL&T  
**1100-1600 Exhibit Hall Open**  
 1100-1600 Exhibit Hall Coffee Break *Sponsored by Northrop Grumman*  
 1100-1600 Networking Café Open *Sponsored by Raytheon*  
 1100-1200 Veterans History Project Workshop  
 1100-1600 Warriors To The Workforce Hiring Event  
**1130-1330 LEADERSHIP BRIEFINGS (Aviation Warfighter Theater)**  
**International Aviation Leaders Panel**  
 Moderator: MG Jeffrey Schloesser, Ret., AAAA Sr. VP; BG Michael McCurry, DCG-S, 2ID (ROK); BG John Novalis, DCS-Ops, Multinational Corps NE, NATO; AirCdre. Alastair Smith, British Army; BG Jean-Yves Bouillaud, French Army; Brig. John Fenwick, Australian Army;  
**1230-1330 Industry Leaders Forum**  
 Moderator: MG W. Tim Crosby, Ret., AAAA Secretary; Cheryl Paridis, BAE Systems; Dave Schreck, Collins Aerospace; Steve Williams, Honeywell Aerospace; Ike Song, Mercury Systems; Susan Bruce, Northrop Grumman; Juan Gutierrez, Physical Optics Corp.; Sean Baity, Textron Systems  
**1130-1345 WORKING GROUPS (Breakout Rooms)**  
**1130-1230 Program Executive Officer Soldier Industry Panel**  
 Moderator: BG Anthony Potts, PEO; Todd Probert, Raytheon, Paul Meyer, Augustine Consulting; David Marra, Microsoft  
**1245-1345 Aviation Accessions Panel**  
 Moderator: MG Lester D. Eisner, Ret., AAAA VP Guard/Reserve Rel.; MG Frank Muth, CG USAREC; MG John Evans, CG, Cadet Cmd.; MG Troy Kok, CG USAR Acquisition Task Force  
 1130-1300 Scholarship & Museum Donation Luncheon  
**1300-1400 Spouse Professional Program**  
 Surprisingly Simple Garden to Table, Mr. Jeff Ross, Farmstead Educator & Artisan Chef  
**1330-1600 LEADERSHIP DISCUSSIONS (Aviation Warfighter Theater)**  
**1330-1445 Requirements Development and Determination – Army Futures Command and TRADOC**  
 Moderator: MG Walter Davis, Ret., AAAA Treasurer

**1445-1600 Developing Manned/ Unmanned Teaming Requirements and Ops.**  
 Moderator: MG Walter Davis, Ret.  
**1400-1645 WORKING GROUPS (Breakout Rooms)**  
**1400-1530 Aviation Warrant Officer Readiness Review**  
 CW5 Joseph B. Roland, Aviation Branch Chief Warrant Officer  
**1400-1530 Aviation Enlisted Branch Update**  
 CSM Brian N. Hauke, USAACE Command Sergeant Major  
**1545-1645 Army Aviation – Battlespace Observations**  
 COL Jimmy Blackmon, Ret. / MAJ Lew Jennings, Ret.  
**1800-2100 Army Aviation Hall of Fame Induction Banquet**  
 1800-1900 Reception Lobby  
 1800-1900 HoF VIP Inductee Assembly  
 1900-2100 HoF Dinner  
 2100-2300 Industry Reception

### Tuesday, April 16, 2019

0700-0745 Speakers Green Room Pre-Brief & Breakfast (Invitation Only)  
 0700-1530 Registration Center Open  
 0700-1700 Soldier Café (Military ID Required – No Retired)  
*Sponsored by Team Chinook*  
 0730-1530 Press Room Open *Sponsored by Northrop Grumman*  
**0730-1530 Exhibit Hall Open**  
 0730-1530 Exhibit Hall Coffee Break *Sponsored by Northrop Grumman*  
 0730-1530 Networking Café Open *Sponsored by Raytheon*  
 0800-0900 Spouse Event – Zumba  
**0800-1200 LEADERSHIP BRIEFINGS (Aviation Warfighter Theater)**  
**Welcome (AAAA President)**  
**0805-0835 Vice Chief of Staff, Army Keynote**  
 GEN James C. McConville, VCSA  
**0835-0905 AMCOM Sustainment Brief**  
 Mr. William P. Marriott, Executive Director  
**0905-0935 PEO AVN Update**  
 BG Thomas H. Todd III, Program Executive Officer  
 Break  
**0935-0945 US Army Special Operations Aviation Command**  
 COL Jon Tussing, Deputy Commander  
**1015-1045 Director, Army Safety**  
 BG Timothy J. Daugherty, CG, Combat Readiness Center  
**1045-1115 Director, Army Aviation**  
 BG David J. Francis, Director  
 Break  
**1115-1130 U.S. Army Futures Command**  
**1130-1200**  
 LTG James M. Richardson, Deputy Commanding General  
 Warriors To The Workforce Hiring Event  
 1000-1530 Cub Club Luncheon & Social  
 1130-1300 Spouse Event – Cooking Demo-Round Robin Style  
**1300-1530 LEADERSHIP BRIEFINGS (Aviation Warfighter Theater)**  
**1300-1330 Army Aviation Challenges in Europe**  
 BG John E. Novalis II, Deputy Chief of Staff Operations, Multinational Corps Northeast, NATO  
**1330-1400 Army Aviation in Korea**  
 BG Michael C. McCurry, DCG-S, 2nd Inf. Div.  
**1400-1500 Total Team Army Aviation Discussion**  
 Moderator: MG Erik Peterson, CG, First Army Div. West; BG Jami Shawley, CG USARAC; BG J. Ray Davis, Asst. Dir. ARNG; COL Joe Bishop, ARNG Avn. & Safety; COL Ron Els, Cdr. 166th Avn. Bde.  
**1500-1530 Talent Management Task Force Update**  
 CW5 Douglas Englen, Army Warrant Officer Senior Advisor  
**1300-1600 WORKING GROUPS (Breakout Rooms)**  
**1300-1400 Army Aviation Virtual Training & Simulation Panel**  
 Moderator: LTC Jan Drabczuk, Ret., AAAA VP, Chapters; COL John Ferrell; DOS USAACE; COL Richard Haggerty, PM ITTS; COL Marcus Varnadore, PM ITE; Robert Abascal, AVT Simulation; Mike Durant, Pinnacle Solutions; Tom Quelly, Lockheed Martin  
**1300-1500 Air Cavalry Warfighters Forum**  
 Moderator: COL Joseph Eszes, Ret.  
**1415-1600 Army Aviation Mission Survivability Forum**  
 Moderator: CW5 James O. VanMeter, Chief, USAACE Survivability Branch  
**1515-1600 Army Aerial ISR Forum**  
 Moderator: COL Ernesto A. Cortez, 116th MI Bde. (A1)  
 Golden Eagles (50 Year and Above Members) Reception (Invitation Only)  
**1800-2200 Informal Soldier Appreciation Dinner Concert**  
**Featuring Ryan Weaver and Lee Brice**  
 Reception  
 1800-1900 Dinner/AAAA Annual Membership Meeting  
 1900-2100 Soldier Appreciation Concert with Ryan Weaver & Lee Brice  
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\*Agenda as of March 28, 2019. For latest Summit updates download 19SUMMIT



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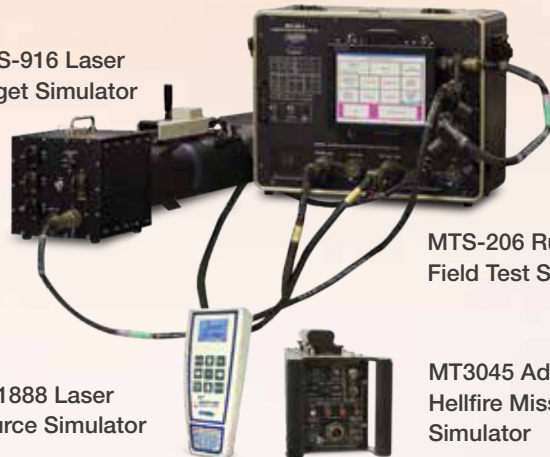


HSRL Hellfire Scalable  
Rail Launcher



M299 Air-to-Ground  
Missile Launcher

MTS-916 Laser  
Target Simulator



MTS-206 Rugged  
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MT1888 Laser  
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MT3045 Advanced  
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Breze 1501  
EXTE 1600  
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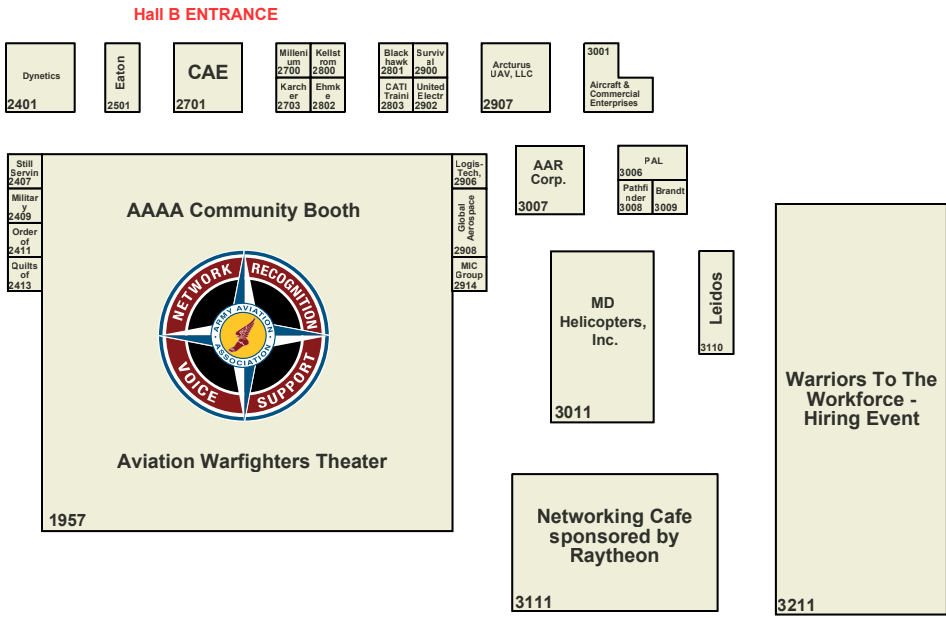
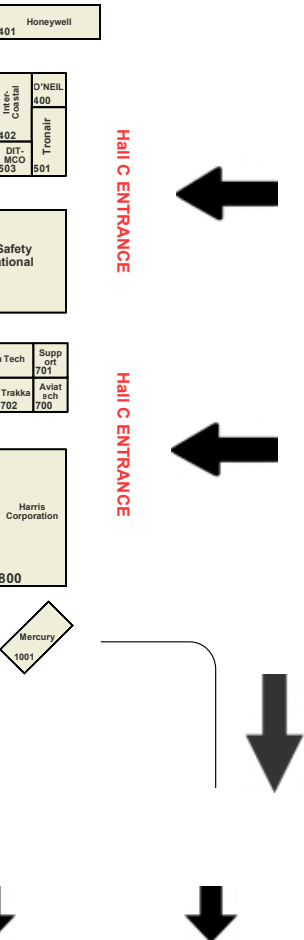


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# 2019 Army Aviation Mission Solutions Summit Exhibit Hall



## Exhibit Hall Hours:

**April 14, 2019** 1600 - 1900  
**Early Bird Reception**  
*Sponsored by Team Apache*

**April 15, 2019** 1100-1600

**April 16, 2019** 0730-1530

## Summit Dress Code:

Set Up & Early Bird: Casual

Daytime:

ACUs /Business Casual,  
 Exhibitors: Business Attire

Monday Hall of Fame Induction Banquet:  
 Dress Blue/Dress Mess/Black Tie

Tuesday Soldier Appreciation  
 Dinner Concert: Casual

*Active/Guard/Reserve Soldiers are encouraged to wear ACUs during all daytime activities.*



# 2019 Army Aviation Mission Solutions Summit Exhibitors

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| 128th AVN BDE A&P Training Program .. 2218                     | Arnold Defense..... 1151                                    | Boneal Aerospace ..... 575                     |
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## 2019 Army Aviation Mission Solutions Summit AAAA National Award Winners



### Joseph P. Cribbins Department of the Army Civilian of the Year Award

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The Boeing Company



### Mr. John "Rick" Lunnemann

G-3 Readiness

U.S. Army Aviation and Missile Command  
Redstone Arsenal, Alabama

Throughout 2018, Mr. John "Rick" Lunnemann provided critical support to Echo Company, 2nd Battalion, 160th Special Operations Aviation Regiment (Airborne) as a Logistics Assistance Representative (LAR). His contributions to the mission and his improvements to MQ-1C maintenance and tech supply procedures and systems were indispensable.

He played an integral role in supporting three fully operational MQ-1C sites across three geographic combatant commands. He substantially reduced the amount of aircraft downtime due to the Engineering Field Support (EFS) process from an average of over 8 days in Q2 FY18 to just over 2 days by the end of the year. Additionally, as a direct result of his inputs, the EFS process is now only required for never-before-seen maintenance issues, and a significantly shorter process is utilized for known issues, further reducing downtime.

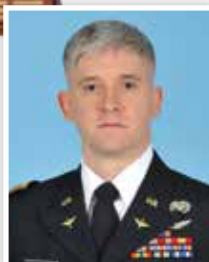
In addition, he consistently displayed an impressive can-do attitude and dedication to the success of the unit's mission, putting in long days and nights to help the Soldiers of Echo Company get an aircraft up and running in preparation for a deployment or training exercise.

Mr. Lunnemann's contributions to Echo Company's combat effectiveness identify him as the 2018 Army Aviation Association of America Joseph P. Cribbins Department of the Army Civilian of the Year.



### James H. McClellan Aviation Safety Award

Sponsored by GE Aviation



### CW3 Nickolas F. Sciacca

1st Battalion, 5th Aviation Regiment  
Fort Polk, Louisiana

CW3 Nickolas Sciacca's accomplishments as an aviation safety officer and aviator in the 1st Battalion, 5th Aviation Regiment, during 2018 were without equal. As one of two authorized aviation safety officers in the battalion, he trained NCOs and un-tracked warrant officers to establish programs and implement safety regulations, policies, and procedures in compliance with Army and Defense Department regulations and standards.

Outside of the battalion and without an aviation brigade headquarters, he worked directly with U.S. Army Garrison and Headquarters for Fort Polk, Louisiana to educate, train, and safeguard aviation operations at the installation, to include rotational training units.

On the ground the battalion completed five M9 and M4 ranges with zero accidents and qualified 210 Soldiers, had zero class A to C accidents, and only a handful of class D and less accidents predominately occurring during off duty sports activities.

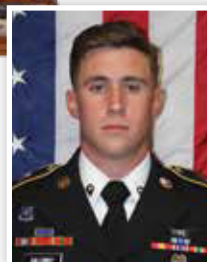
He maintains pilot-in-command status in both the LUH-72 Lakota and UH-60A/L Black Hawk and has amassed 2028.6 total hours including 542.7 NVG hours and 926.1 combat hours with an impeccable safety record of zero accidents.

CW3 Sciacca's accomplishments clearly identify him as the winner of the 2018 Army Aviation Association of America James H. McClellan Aviation Safety Award.



### Army Aviation Soldier of the Year

Sponsored by Bell



### SPC Bradley C. Galloway

2nd Battalion, 160th Special Operations  
Aviation Regiment (Airborne)  
Fort Campbell, Kentucky

SPC Bradley C. Galloway demonstrated outstanding service as an MH-47G maintainer and fully mission qualified (FMQ) crew chief while assigned to Co. A, 2/160th Special Operations Aviation Regiment (SOAR). He was evaluated and earned designation as an FMQ crew chief in only 120 days – six months ahead of normal timelines; and is even more impressive since it came on the heels of his completion of the Army's Survival, Evasion, Resistance, and Escape (SERE) course and the Regiment's Basic Mission Qualification course for MH-47G Non-Rated Crew Members. Further, he won the battalion Soldier of the Year competition and went on to place second in the Regiment competition.

He completed most of his FMQ progression while deployed in support of worldwide contingency operations for a period of 90 days. While at home station, he conducted daily aircraft maintenance and participated in ten unscheduled major maintenance events. His contributions were essential to the company's operational readiness rate of 80% despite a tremendously high operational tempo and enabled a 100% mission success rate both CONUS and OCONUS.

SPC Galloway's selfless service, dedication and work ethic identify him as the 2018 Army Aviation Association of America Soldier of the Year.

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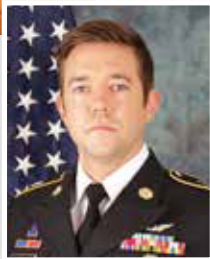


## 2019 Army Aviation Mission Solutions Summit AAAA National Award Winners



**Henry Q. Dunn**  
Crew Chief  
of the Year

Sponsored by  
Robertson Fuel Systems



**SGT Jack A. Brook**  
Company B, 4th Battalion,  
160th Special Operations Aviation  
Regiment (Airborne)  
Joint Base Lewis-McChord,  
Washington

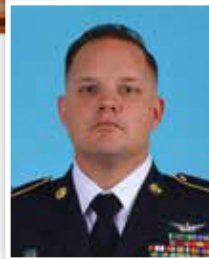
**S**GT Jack A. Brook excelled across a multitude of environments. While in combat he proved himself to be a warrior who eagerly met the enemy and unwaveringly defended his aircraft and fellow Soldiers. Without hesitation he placed himself in positions of danger in order to protect his ground force by engaging enemy forces. During numerous training events, including two months in the Republic of Korea, he demonstrated the ability to perform a wide variety of special operations aviation specific tasks with great precision and accuracy. These events directly contributed to the increased readiness of hundreds of special operations forces from the United States and allied nations. Furthermore, as a fully mission qualified (FMQ) crew chief, he logged 498 flight hours. Within this limited amount of time he demonstrated natural leadership ability and the potential to serve as a Special Operations Flight Engineer. Finally, he showed his willingness to serve as a leader both on and off the aircraft.

SGT Brook demanded excellence from himself and motivated all those with whom he served to do the same; he is an example for all to emulate and is most deserving of recognition as the 2018 Army Aviation Association of America Henry Q. Dunn Crew Chief of the Year.



**Rodney J.T. Yano**  
Noncommissioned  
Officer of the Year

Sponsored by  
Lockheed Martin Corporation



**SFC Jesse R. Jernigan**  
Company A, 1st Battalion,  
101st Aviation Regiment  
Task Force Shadow  
Camp Marmal, Afghanistan

**S**FC Jesse R. Jernigan performed with unparalleled excellence during his combat deployment to Mazar-e-Sharif and Bagram, Afghanistan in support of Operations Freedom's Sentinel and Resolute Support XVIII-XIX as a member of Alpha Company, 1st Battalion, 101st Aviation Regiment, task organized to 6-101st General Support Aviation Battalion (GSAB) TF Shadow. He served with distinction as the company's senior mechanic, technical inspector, platoon sergeant, remote site NCOIC, and acting First Sergeant.

The company's execution of persistent split based operations, often in three simultaneous locations spread across 200 miles of battlefield, demanded he serve in a multitude of roles often with competing interests. The pressures he led his undermanned and under resourced team steadily through were immense. The unmatched maturity, mental agility, and resolve with which he approached this challenge was directly responsible for the company's unparalleled ability to provide attack aviation support to United States Special Operations Forces. During the deployment he supervised the company's execution of over 500 maintenance tasks, countless maintenance operational checks, and successful completion of over 12 expeditionary aviation packages. SFC Jernigan's actions are clearly worthy of emulation and identify him as the 2018 Army Aviation Association of America Rodney J.T. Yano Noncommissioned Officer of the Year.



**Michael J. Novosel**  
Army  
Aviator of the Year

Sponsored by Sikorsky, a  
Lockheed Martin Company



**CW3 Patrick W. Fleming**  
Company B, 3rd Battalion,  
160th Special Operations Aviation  
Regiment (Airborne)  
Hunter Army Airfield, GA

**C**W3 Patrick W. Fleming is an MH-47G flight lead, instructor pilot, instrument flight examiner, and exceptionally driven special projects officer in the Army's only Special Operations Aviation Regiment (Airborne). Over the last year he has distinguished himself from his peers time and again by selflessly going above his normal duties to accomplish the mission and advance Army Aviation capabilities. His unique abilities and relentless work ethic are setting a new standard in the Regiment and he is consistently relied upon to conduct the most daunting special operations combat missions throughout the world. He has earned a reputation for being part of some of the most audacious missions executed by the Regiment.

In one instance involving a missing Soldier (suspected KIA), he reassured the ground force commander that the 160th would not leave them until the Soldier was recovered. He led and inspired his men to stay until the last minute of their allowable time, repeatedly requesting to go back to the target in the daylight hours to exfiltrate the beleaguered ground force. His successes and his dedication to improve the enterprise make CW3 Fleming the clear choice for recognition as the 2018 Army Aviation Association of America Michael J. Novosel Aviator of the Year.

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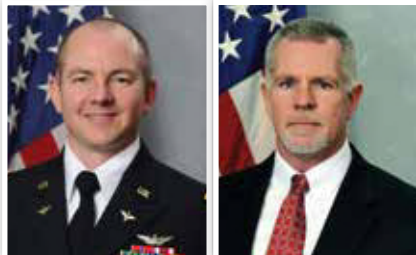


# 2019 Army Aviation Mission Solutions Summit AAAA National Award Winners



## Robert M. Leich Award

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Product Manager  
LTC Andrew J. Duus

Deputy Product Manager  
Mr. Anthony W. Dupree

### UH-60V Product Office Redstone Arsenal, Alabama

The UH-60V Product Office completed two critical events over the past year that were essential to the program's success. The first event, the Limited User Test, was completed in August 2018 with the help of the 82d Combat Aviation Brigade. This operational test resulted in an Army Test and Evaluation Command endorsement to begin production. That validation allowed for the second event – a Milestone C production decision. In December 2018, the Milestone Decision Approval authority, BG Thomas Todd III, approved the UH-60V to begin production, with a goal of producing 760 UH-60V aircraft.

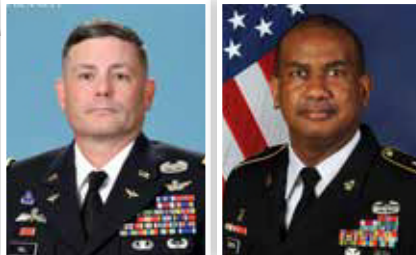
This innovative UH-60V software effort uses a Modular Open System Architecture (MOSA) approach and aligns with the Future Airborne Capability Environment (FACE) standard. Both approaches allow for cost efficiency, rapid future modernization and increased interoperability that will benefit army aviation well beyond the UH-60V platform and represent numerous "firsts" in Army Aviation.

The men and women assigned to the UH-60V Product Office have brought the UH-60V to a successful production decision and established a new standard for open systems software architecture within Army Aviation that will allow for the affordable and rapid integration of future mission enhancing technologies. They are clearly deserving of the 2018 Army Aviation Association of America Robert M. Leich Award.



## AAAA Army Reserve Aviation Unit of the Year

Sponsored by Honeywell International



Commander:  
LTC Matthew B. Hill

Senior NCO:  
CSM Charles A. Booth

### 5th Battalion, 159th Aviation Regiment Joint Base Langley-Eustis, Virginia

As the largest aviation battalion in the Army, the workload, operational tempo and throughput of 5-159th General Support Aviation Battalion (GSAB) is an impressive resume spanning diverse mission sets. During 2018, the Dragonmasters flew over 10,294 incident and accident free flight hours, executing 173 external mission requests as well as internal training.

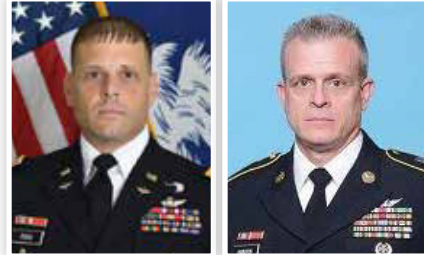
The operational tempo far exceeded other units with the Dragonmasters consistently engaged in often complex and extensive operations on a monthly basis. During 2018 the unit successfully passed a battalion FORSCOM Army Resource Management Survey (ARMS) inspection; executed JRTC rotation 18-09 as the first Reserve aviation battalion to deploy to JRTC exercising mission command across all three COMPOS; provided support to the 82nd Airborne Division following Hurricane Michael; dispensed over 444,880 gallons of water extinguishing 17 named wildfires; and saved the lives of two high-altitude climbers on Mount Rainier.

The Dragonmasters' external support missions included: SEAL Team Two / Four, Special Boat Team 20 / 22, First and Third Special Forces Group, 3-75th Ranger Bn., U.S. Special Operations Command, Joint Special Operations Command, Naval Special Warfare Training Command, XVIII Airborne Corps, in addition to many others. The Soldiers of the 5-159th GSAB have earned recognition as the 2018 Army Aviation Association of America U.S. Army Reserve Aviation Unit of the Year.



## AAAA John J. Stanko Army National Guard Aviation Unit of the Year

Sponsored by Honeywell International



Commander:  
LTC Brian J. Pipkin

Senior NCO:  
CSM Charles E. Hancock Jr.

### 1st Battalion, 151st Aviation Regiment Eastover, SC

The 1-151st Attack Reconnaissance Battalion (ARB) mobilized as a multifunctional task force and deployed in support of Operation Freedom's Sentinel and Resolute Support (Afghanistan). In Afghanistan, Task Force Marauder supported multifunctional aviation efforts for three train, advise, assist commands (TAACs) and multiple special operations commands, while expanding aviation capabilities at both Kandahar Airfield and Contingency Location Dwyer. The TF combined 43 total aircraft from two components and five ARNG states, and conducted split based operations supporting multiple units with attack, reconnaissance, security, MEDEVAC, and air movement (passengers and equipment) operations across half of the theater. The TF accumulated over 11,000 flight hours across all airframes, more than 200 deliberate air assault operations, air movement of over 32,000 passengers and 2.5 million pounds of cargo, and 78 MEDEVAC missions that moved more than 100 patients from their point of injury. It served more entities than any other aviation TF in the combined/joint operations area, executing 5 times as many expeditionary operations, firing more APKWS rockets than any other, and conducting hundreds of engagements in support of unaccompanied Afghan and accompanied coalition Special Operations forces. 1-151st ARB Soldiers earned recognition as the 2018 Army Aviation Association of America John J. Stanko Army National Guard Aviation Unit of the Year.





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# 2019 Army Aviation Mission Solutions Summit AAAA National Award Winners



## AAAA Active Army Aviation Unit of the Year

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L3 Technologies



Commander:

LTC Michael C. Athanasakis



Senior NCO:

CSM Paul G. Hutchings

## 2nd Battalion, 160th Special Operations Aviation Regiment (Airborne)

Fort Campbell, Kentucky

The 2nd Battalion, 160th Special Operations Aviation Regiment (Airborne) was responsible for exceptional achievement in support of overseas contingency operations, sustaining aviation readiness, and producing combat power. The battalion remained continuously deployed in support of Resolute Support, and Operations Inherent Resolve, Juniper Nimbus, and Yukon Journey. Battalion crews safely flew 4,600 MH-47G, 2,700 MH-60M, and 15,700 MQ-1C hours in support of United States and coalition special operations forces. The MQ-1Cs conducted 99 kinetic strikes resulting in 144 enemy killed in action and 19 enemy wounded in action in support of Operation Inherent Resolve. The aviation maintenance company expended 19,863 man-hours completing 29 phase maintenance inspections and 5,630 work orders.

The battalion fielded the Army's first extended range MQ-1C Gray Eagle company. As the follow-on test & evaluation unit, F Company flew more than 600 hours, completed 50 maintenance inspections, replaced 13 major components, and conducted 600 individual surveys which provided direct feedback on the new UAS that will ultimately benefit all Army Aviation.

The Soldiers of 2/160th excelled in combat operations, combat power generation, aviation sustainment, and significantly advanced UAS capabilities for the Army, clearly identifying them as the 2018 Army Aviation Association Active Aviation Unit of the Year.



## AAAA Outstanding Aviation Unit of the Year

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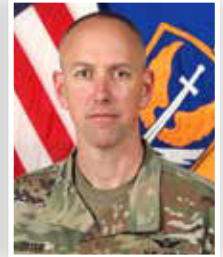
Commander:

COL Joseph W. Bishop



Command Warrant Officer:

CW5 Camadose L. Bauknight



Senior NCO:

CSM Matthew A. Shorter

## 449th Theater Aviation Brigade Task Force Hurricanes

Morrisville, North Carolina

The 449th Theater Aviation Brigade (TAB) mobilized and deployed as a combat aviation brigade (CAB). The 449th CAB was tasked with the tactical employment of aeromedical evacuation, attack helicopter operations, security, air movement, air assault, and reconnaissance support to Coalition forces throughout Iraq, Syria, Kuwait, Jordan, and Turkey in support of Operations Inherent Resolve (OIR) and Spartan Shield (OSS). Soldiers of the 449th CAB assembled from 13 different states, the largest National Guard aviation task force to mobilize out of Fort Hood, Texas in over a decade.


The 449th's operational control spanned six task forces, five countries, and thirteen locations. Every day, the 449th stood up quick reactionary forces in Iraq and Syria, an aerial response force consisting of an Infantry company capable of responding to high/extreme high-risk missions anywhere within OIR, and MEDEVAC assets capable of responding to any mission in Kuwait, Jordan, Iraq and Syria.

The CAB directly supported multiple major units and commands throughout the area of operations, and Coalition partnerships with Australian, Canadian, and Iraqi forces, to include successful integration of Spanish Rotary Wing.

The 449th's flawless execution of both kinetic and stability operations set the conditions for success throughout the region and clearly identify them as the 2018 Army Aviation Association of America Outstanding Aviation Unit of the Year.

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# 2019 Army Aviation Mission Solutions Summit AAAA National Award Winners

## Top Super Chapter of the Year

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### Air Assault Chapter Fort Campbell, Kentucky

**Chapter President: COL (Ret.) Henry C. "Hawk" Ruth**

The AAAA Air Assault Chapter includes Active Duty Soldiers from the 101st Combat Aviation Brigade and the 160th Army Special Operations Aviation Regiment, retired Aviation Soldiers and civilians. The chapter provides reduced cost for younger Soldiers to attend organizational events with their families; scholarship funds to Soldiers, senior NCOs, officers and their families; and recognition awards for Aviation Soldiers, aviation support personnel and spouses. They donated over \$41,700 to the 2018 National Scholarship Fund that endowed two new scholarships, provided funding for three matching scholarships and funded an additional scholarship. Congratulations to COL (Ret.) Hawk Ruth and the Air Assault Chapter for their third consecutive Top Super Chapter of the Year award!

## Top Master Chapter of the Year

Sponsored by AAAA National



### Central Florida Chapter Orlando, Florida

**Chapter President: COL (Ret.) Kevin A. Vizzarri**

CFL Chapter supports the simulations and training industry near PEO-STRI. ACC Orlando is the contracting command with many retired Army personnel and civilians. In addition to Orlando, the almost 500 members travel from Tampa, Cocoa Beach, as far south as Miami and Key West to attend the monthly socials. Some programs and activities this year included co-hosting the Community of Professional Associations Group (CPAG) Breakfast, PEO-STRI's All Saints Ball; UCF Army ROTC Awards presentation; a Golf Tournament; turkey boxes given to an Aviation unit; annual Toys for Tots social; and Ham Boxes for Christmas to another Aviation RC unit. Congratulations to COL (Ret.) Kevin Vizzarri and the Central Florida Chapter.

## Top Senior Chapter of the Year

Sponsored by AAAA National



### Aloha Chapter Honolulu, Hawaii

**Chapter President: COL (Ret.) Dave P. Brostrom**

The Aloha Chapter represents the Hawaiian Islands and includes all AAAA members and units of U.S. Army Hawaii, Hawaiian Army National Guard and Army Reserves Service Members within the state as well as retired Hawaiian residents and their families. The Chapter's focus is to bring AAAA members together to stay connected and build strength on the heritage of Army Aviation in Hawaii. In 2018, in addition to regular meetings, the chapter held 4 membership drives; a golf scramble; sponsored a Four Seasons CAB Ball and other member events. Hats off to COL (Ret.) Dave Brostrom and team for a banner year!

## Top AAAA Chapter of the Year

Sponsored by AAAA National



### Grizzly Chapter Fresno, California

**Chapter President: COL David L. Hall**

One of the newest chapters, the Grizzly Chapter is dedicated to supporting the Soldiers and Families of the Army Aviation Community in California through scholarships, community service and networking. There are over 2,000 aviation community personnel in the 40th Combat Aviation Brigade and 1106th TASMG in the California National Guard. Up to two thirds of those are in Northern California. Recent activities focused on recruitment north in Stockton and Sacramento where many of the newer members reside or work and included a CAARNG Aviation Ball. Hearty congratulations and best of luck to COL David Hall and the chapter as they grow their fledgling chapter.



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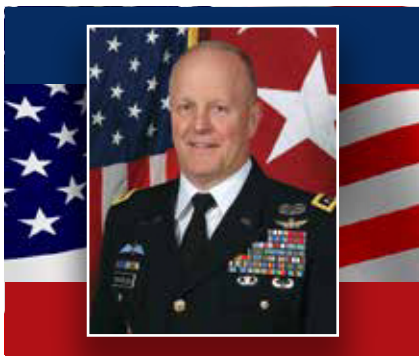


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# Hall of Fame 2019 Inductees



**Lieutenant General  
Kevin Wayne Mangum,  
U.S. Army Retired**

The son of Army Aviator, COL Bob Mangum, Kevin grew up wanting to be just like his Dad. He graduated from the U.S. Army Military Academy at West Point in 1982 and completed flight training in 1983.

The key event in LTG Mangum's Army Aviation career was being accepted into Task Force 160... the Night Stalkers... in July 1984. After later assignment to the 101<sup>st</sup> Airborne Division, he deployed to Operations Desert Shield and Desert Storm and following graduation from the Army Command and General Staff College in 1993, he rejoined the Night Stalkers where he served another 15 years culminating in him becoming the 160<sup>th</sup> Regimental Commander in 2005.

Thirty-eight days after 9/11, Kevin was the Air Mission Commander for the longest helicopter assault in the history of Army Aviation – 13 hours into Afghanistan. From the USS Kitty Hawk, Kevin commanded twelve helicopters, into enemy territory under zero illumination, into some of the harshest terrain in the world. His leadership of the 160<sup>th</sup> led to significant special operations aviation modernization efforts including fielding the MH-47G Chinook, preparing to field the MH-60M Black Hawk, and establishing the 160th's Fourth Battalion. In 2010 and 2011, Kevin helped create the U.S. Army Special Operation Aviation Command and became its first Commanding General.

Promoted to Major General he became Army Aviation Branch Chief in 2012. The architect of a major reorganization of Army Aviation, he helped propel it to new standards of excellence.

In 2015, he was asked by the Chief of Staff of the Army to lead the Holistic Army Aviation Task Force (HAATF) which will shape the future of Army Aviation for decades to come. He retired in 2017 after 35 years of service as a model warrior, quiet professional, and Army Aviator... just like his Dad.



**Colonel  
Jeffrey Nels Williams,  
U.S. Army Retired**

COL (Ret.) Jeffrey N. Williams embodies the motto "Above the Best." He entered the U.S. Military Academy in 1976 and proved a high performer by joining and excelling on the sport parachute team.

Upon graduation in 1980 he set his sights on flight school and aviation. As an aeroscout, assigned to the 503rd Aviation Battalion, Hanau, West Germany, he served as section leader, platoon leader and company flight operations officer.

In 1985, he attended the inaugural Aviation Officer Advanced Course followed by Naval Postgraduate School receiving both a Master of Science degree in Aeronautical Engineering and the Degree of Aeronautical Engineer.

His tour at the Johnson Space Center as an operations engineer was closely followed by attendance at the U.S. Naval Test Pilot School, graduating first in his class. Major Williams then served as division chief and lead experimental test pilot for the OH-58D Kiowa Warrior at Edwards Air Force Base before attending the Naval War College.

In 1996, LTC Williams joined the elite ranks of astronauts, remaining on active duty Army until 2007, and since as a civil servant. During his nearly 23 years as an Astronaut, he spent 534 days in space orbiting the earth 8,544 times. He also set lofty standards for days in space, time spent spacewalking and design, assembly, and operation of the International Space Station.



**Chief Warrant Officer Four  
Robert Joe Monette,  
U.S. Army Retired**

CW4 (Ret.) Robert J. "Bob" Monette has made outstanding contributions to the U.S. Army and the Aviation community for nearly five decades. During two combat aviation tours in Vietnam, he flew numerous heroic missions in the UH-1 Huey & AH-1G Cobra. His decorations include the Silver Star, Distinguished Flying Cross, two Bronze Stars, 49 Air Medals, one for Valor, three Vietnamese Crosses of Gallantry for heroism plus decorations for individual and unit accomplishments.

With 6,000 accident-free and 1,600 combat hours, he always had a steady hand and a cool head. As an aircraft commander he braved a barrage of enemy fire to rescue a downed USAF C-130 crew and another found him supporting his own wingman, shot down by an SA-7, providing suppression until rescued. Engaged by 15 SA-7s, and hit by one, he still recovered safely.

He served as the 8th U.S. Army Standardization Instructor Pilot, the Korean Attack Night Vision Goggle Program Manager, one of the first AH-64 IPs, the first SIP/Test & Acceptance Pilot for the Surrogate Trainer, the first Apache Simulator SIP, and chief of the Aviation Systems Command Test/Acceptance Team. He received the Daedalian Award and was selected as the AAAA Army Aviation Trainer of the Year for 1988. This Master Army Aviator has left an indelible legacy in the attack warfighter community.



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# 2019 AAAA Chapter Directory

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Griffin, Germany  
Winged Warriors, Honduras  
Morning Calm, Korea  
Rising Sun, Japan



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All Chapter information is presented in alphabetical state order, followed by overseas locations. Each chapter entry includes the original activation date and current category. Categories are based on membership size as of January 1st of the year – Super (501 and over), Master (175-500), Senior (75-174), and AAAA (74 and below). Chapter officers are reminded that they can update their chapter board information at any time by contacting [deb@quad-a.org](mailto:deb@quad-a.org) or send a hard copy to AAAA, 593 Main Street, Monroe, CT 06468-2806; call (203) 268-2450 or fax (203) 268-5870. Membership numbers listed are as of the printing of this issue and are constantly changing.

*Bill Harris/Publisher*

**Alabama**  
**Aviation Center Chapter**  
Fort Rucker, AL



**Category:** Super Chapter;  
899 Members  
**Activation Date:** 11/1/1957  
**Website:** [www.quad-a.org/AviationCenterChapter](http://www.quad-a.org/AviationCenterChapter)

**Description:** The Aviation Center Chapter is a highly active Super Chapter located at the 'Home of Army Aviation' in Fort Rucker, Alabama. Its diverse membership is derived from 1st Aviation Brigade, 110th Aviation Brigade, Noncommissioned Officer Academy, and 164th Theater Airfield Operations Group. In addition, our membership is supported by these tenant units and activities: Air Traffic Services Command, Aviation Center

Logistics Command, U.S. Army Aeromedical Research Laboratory, U.S. Army Combat Readiness Center, U.S. Army School of Aviation Medicine, and U.S. Army Warrant Officer Career College. Our demographic consists of flight training students; permanent party Soldiers, DACs, contractors, and retirees. The Chapter meets on a quarterly basis for Professional Development seminars.

**Officers:**  
COL Robert C. Doerer, Ret., President  
CSM Steven DiGeorgio, Senior VP  
COL Michael E. Demirjian, Senior VP  
MAJ James Pomranky, Ret., Secretary  
CW3 Michael F. Monaghan, Ret, Treasurer  
Mr. Floyd E. Rodgers, VP Scholarship  
COL Ray D. Gentzyl, Ret., VP Awards  
Mr. Elvin Keith Gunter, RET, VP Civilian Affairs  
Ms. Ann Nollett, VP Programs  
LTC Mark C. Taylor, Ret., VP Member Enrollment  
Ms. Lisa Gee Hazelton, VP Publicity  
CW4 Robert N. Cooper, Ret., VP Retired Affairs

**Tennessee Valley Chapter**  
Huntsville, AL



**Category:** Super Chapter;  
1852 Members  
**Activation Date:** 2/1/1976  
**Website:** [www.quad-a.org/TennesseeValleyChapter](http://www.quad-a.org/TennesseeValleyChapter)

**Description:** The Tennessee Valley Chapter of the Army Aviation Association of America is passionate in its aviation programs and the steadfast support of our Soldiers and Department of the Army Civilians resulting in the defense of the Army and our Nation. The Tennessee Valley Chapter (TVC) leadership continues an excellent relationship with the Huntsville/Redstone community, and our chapter is often the first place turned to by both platform commands and community organizations for support of their events and efforts: and we are the first stop for

industry looking for the visibility of community support. Our chapter continues a proud tradition of bringing both the commercial and government aspects of Army Aviation together, supporting not only individual Soldiers, but our community and the enterprise as a whole. We are a growing and active chapter that works hard to continue the relationships with our industry partners while garnering enthusiastic participation during our diversified and frequent Chapter events. We have built a most supportive membership that takes to heart our charter and works for the benefit of Army Aviation, AAAA National and our Chapter mission. The chapter frequently and generously supports community efforts with both financial grants and manpower.

**Officers:**  
Mr. Gary S. Nennering, President  
COL Talmadge C. Sheppard, Senior VP  
Mrs. Tonya Galindo, Secretary  
COL Gerald R. Davis Jr. Ret, Treasurer  
COL David N. Gereski, Ret., VP National Guard & Reserves



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COL Mathew J. Hannah, Ret., VP Operations  
 LTC Tom T. Huff, Ret., VP Scholarship  
 CW4 Steven L. Sanders, Sr. Ret., VP Awards  
 Ms. Kathryn S. Huff, VP Communications  
 COL Theodore T. Sendak, Ret., VP Industry Affairs  
 LTC Greg Oelberg, Ret., VP Programs  
 COL John M. Vannoy, VP Cribbins APS  
 CSM Leon Hite Jr. Ret., VP Enlisted Affairs  
 Mr. Ray Sellers, VP Government Affairs  
 Mr. Brian M. Sabourin, VP Member Enrollment  
 MAJ Bryan E. Riddle, VP Military Affairs  
 Mrs. Janice L. Sanders, VP Publicity  
 LTC Robert F. Vlasic, Ret., VP Retired Affairs  
 CSM Tod L. Glidewell, Ret., VP Veterans Affairs

## Yellowhammer Chapter Hope Hull, AL



**Category:** AAAA Chapter; 54 Members  
**Activation Date:** 8/1/2016  
**Website:** [www.quad-a.org/YellowhammerChapter](http://www.quad-a.org/YellowhammerChapter)

**Description:** The Yellowhammer chapter is based in Montgomery, AL to provide a platform for Alabama Army National Guard Aviation and Industries of Central Alabama that promote the Army Aviation Enterprise in which to express their concerns, foster professional networks, and enhance the exchange of ideas.

### Officers:

COL Johnny R. Bass, President  
 CW5 Larry Peterson, Senior VP  
 CW4 James R. Pote, Secretary  
 MAJ Bradley Williams, VP Programs  
 CPT Zachary L. Burton, VP Member Enrollment

## Alaska

### Northern Lights Chapter Fort Wainwright/Fairbanks, AK



**Category:** Senior Chapter; 104 Members  
**Activation Date:** 10/1/1971  
**Website:** [www.quad-a.org/NorthernLightsChapter](http://www.quad-a.org/NorthernLightsChapter)

**Description:** Located in the Interior of Alaska at Fort Wainwright, we support two active duty aviation battalions (1-52 GSAB (CH-47/UH-60) and 1-25 ARB (AH-64), a Gray Eagle Company (DI/25 AVN), and a National Guard Detachment (UH-60). Currently one

battalion is deployed (minus one company) and we will deploy a company from the other battalion soon.

### Officers:

COL Glen E. Heape, President  
 CW5 Mark D. Simmons, Senior VP  
 Mr. Robert D. Marcinkowski, Treasurer  
 CW4 Eric W. Collier, VP Scholarship  
 1SG Edna Vargas, VP Enlisted Affairs

## Arizona Arizona Chapter Mesa, AZ



**Category:** Master Chapter; 312 Members  
**Activation Date:** 12/1/1985  
**Website:** [www.quad-a.org/ArizonaChapter](http://www.quad-a.org/ArizonaChapter)

**Description:** The Arizona Chapter provides a forum for aviation professionals to share experiences and gain knowledge. We support local high school and college ROTC students and promote Army Aviation in the Phoenix and Maricopa County areas. We annually help fund an ROTC student to attend the annual AAAA Conference and routinely recognize both military and civilian personnel who have had positive impacts on Army Aviation. We conduct fundraising events to support local charities and to fund annual AAAA scholarship awards.

### Officers:

COL Jessie Farrington, Ret., President  
 LTC Bryan J. Wiley, Senior VP  
 Mrs. Katie Yursky, Secretary  
 LTC Bradley Rounding, Ret., Treasurer  
 COL Shane T. Openshaw, Ret., VP Scholarship  
 COL Michael Musiol, Ret., VP Programs  
 Terry J. Jamison, Ret., VP Programs  
 LTC Clayton E. Brown, Ret., VP Member Enrollment  
 COL James Barker, Ret., VP Member Enrollment  
 LTC Daniel Roberts, VP Military Affairs

## Old Tucson Chapter Cortaro, AZ



**Category:** Senior Chapter; 126 Members  
**Activation Date:** 5/1/1987  
**Website:** [www.quad-a.org/OldTucsonChapter](http://www.quad-a.org/OldTucsonChapter)

**Description:** The Old Tucson Chapter maintains its focus on AAAA goals, objectives, and programs. While based in Tucson, Arizona, it supports the Western ARNG Aviation Train-

ing Site (WAATS), surrounding Army National Guard Aviation units, and the Military retired community living in southwest Arizona.

### Officers:

CW4 Latny L. Salt, President  
 Ms. Jacqueline Gordon, Senior VP  
 SGT John A. Maez, Secretary  
 CSM Tamera L. Eldredge, Treasurer  
 1SG Robyn Fowler, Ret., VP Scholarship  
 SFC Paul D. Eckles, VP Member Enrollment

## Thunder Mountain Chapter Fort Huachuca, AZ



**Category:** AAAA Chapter; 74 Members  
**Activation Date:** 10/1/2006  
**Website:** [www.quad-a.org/ThunderMountainChapter](http://www.quad-a.org/ThunderMountainChapter)

**Description:** The Thunder Mountain Chapter supports primarily the 2/13th Avn Reg. Occasionally will provide support to the 304th Mi Bn (SEMA).

### Officers:

CW5 Luis Zamudio, Ret., President  
 Mr. Mark Farrar, Senior VP  
 Ms. Sheri York, Secretary  
 1SG Jesse W. Martin, Treasurer  
 Mr. Miguel A. Ortiz, VP Member Enrollment

## California Grizzly Chapter Fresno, CA



**Category:** AAAA Chapter; 75 Members  
**Activation Date:** 8/1/2017  
**Website:** [www.quad-a.org/GrizzlyChapter](http://www.quad-a.org/GrizzlyChapter)

**Description:** The Grizzly Chapter of the Army Aviation Association of America is dedicated to supporting the Soldiers and Families of the Army Aviation Community in California. We plan to provide a wide array of support to the Aviation Community through scholarships, community service and networking. We will recognize the excellence of those in the Aviation Community in the Northern California region and recognize their contributions and sacrifices in supporting the people of the State of California.

### Officers:

COL David L. Hall, President  
 LTC Shiloh Briggs, Senior VP  
 MAJ David Lovett, Secretary  
 MAJ Marco Acevedo, Treasurer  
 CPT Joseph Burke, VP Scholarship  
 SSG Lindsey Dillman, VP Awards

SGT Michael K. Speer, VP Programs  
 MSG Robert Wood, VP Enlisted Affairs  
 MSG Janet Graves, VP Enlisted Affairs

## High Desert Chapter Fort Irwin, CA



**Category:** AAAA Chapter; 62 Members  
**Activation Date:** 3/1/1991  
**Website:** [www.quad-a.org/HighDesertChapter](http://www.quad-a.org/HighDesertChapter)

**Description:** High Desert Chapter located at Fort Irwin, CA. Current members are Soldiers and Civilians from Operations Group and 2916th Aviation Battalion.

### Officers:

LTC Clinton Cody, President  
 MAJ Peter Schmitt, Senior VP  
 CPT Trevor C. White, Secretary  
 CPT Peter Blain Todsden, Treasurer  
 CPT Michael Bramel, VP Awards  
 CPT James Ryan Duffy Jr., VP Member Enrollment

## Southern California Chapter Huntington Beach, CA



**Category:** Master Chapter; 296 Members  
**Activation Date:** 4/1/1959  
**Website:** [www.quad-a.org/SouthernCaliforniaChapter](http://www.quad-a.org/SouthernCaliforniaChapter)

**Description:** Southern California chapter encompasses the Southern half of the state approximately from Vandenberg AFB on the West to Bakersfield on the East and all points South, to and including San Diego. Over 40% of the membership are industry members, another 40% active, guard and reserve personnel, with the remaining 20% individual. 10% of the membership are Life Members. The chapter's center-of-mass and focus on the Army Aviation Soldier, is the Los Alamitos JFTB and Army Airfield located in Los Alamitos, CA, Orange County, located 35 miles South of Los Angeles. The primary units supported include company size elements of the 6-52 Aviation Regiment, U S Army Reserve, and those of the 40th Infantry Division, CAARNG. Two battalions of the 40th ID's CAB, the 1-140th Assault Helicopter Bn and the 640th Aviation Support Bn are located at the Los Alamitos Army Airfield.

### Officers:

LTC John Hendrickson, Ret., President  
 LTC Thomas Lasser, Ret., Senior VP  
 COL Russell Chung, Ret., Secretary

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CSM Ron D. Cabrera, VP Awards  
Mr. Michael N. Letson, VP Member Enrollment

## Colorado

### Pikes Peak Chapter Fort Carson, CO



**Category:** Master Chapter;  
264 Members

**Activation Date:** 6/1/1959

**Website:** [www.quad-a.org/PikesPeakChapter](http://www.quad-a.org/PikesPeakChapter)

**Description:** The Pike's Peak Chapter AAAA is comprised of Army Aviation Units from Fort Carson and the surrounding areas to include Colorado Army National Guard and Army Reserves. We represent AAAA to our local communities through annual events and partnerships with local businesses, leaders and members of the local community, and our military members. Our chapter's history stretches back to the beginning of Army Aviation in the Pikes Peak region of CO, and includes Aviation elements of the 4th Infantry Division, 3rd Armored Cavalry Regiment, 10th Mountain Division, and 7th Infantry Division.

#### Officers:

COL William S. Gallaway Jr., President  
LTC Jamie R. LaValley, Senior VP  
CW4 Bradley J. Nelson, Secretary  
CSM Ronald E. Stimpert, Treasurer  
COL Craig A. Temmer, VP National Guard & Reserves  
MAJ Jeffrey B. Meinders, VP Scholarship  
CW5 Joshua S. Kinnee, VP Awards  
CW5 Douglas R. Sanders, VP Member Enrollment

## Connecticut

### Connecticut Chapter Stratford, CT



**Category:** Master Chapter;  
285 Members

**Activation Date:** 3/1/1973

**Website:** [www.quad-a.org/ConnecticutChapter](http://www.quad-a.org/ConnecticutChapter)

**Description:** The AAAA Connecticut Chapter is home to Sikorsky Aircraft and the H-60M BLACKHAWK. Employees, industry partners, veterans, reserve, active duty, family and friends make up the 260+ members of the Chapter. It is through the tremendous commitment of our members and our board that the CT chapter achieves its many successes.

#### Officers:

Mr. John H. Palumbo, President  
CW4 Charles H. Brady, Ret., Senior VP  
Mr. Ronald B. Kwalek, Secretary  
Mr. Matthew Lisk, Treasurer  
LTC Paul B. Hoar, Ret., VP Scholarship  
Ms. Mary A. Seymour, VP Communications  
Ms. Christina Beale, VP Communications  
Mr. Domingos Fernandes, VP Programs  
SSG Kyle F. Buckley, VP Army NCO Liaison  
Mr. Tom Nicolett, VP Government Affairs  
Ms. Christina Beale, VP Member Enrollment  
COL William P. Shea, Ret., VP Military Affairs  
MAJ Arthur J. O'Leary Jr. Ret., VP Special Projects

## Delaware

### Delaware Valley Chapter Philadelphia, DE



**Category:** Master Chapter;  
271 Members

**Activation Date:** 4/1/1969

**Website:** [www.quad-a.org/DelawareValleyChapter](http://www.quad-a.org/DelawareValleyChapter)

**Description:** The Delaware Valley Chapter is located outside of Philadelphia where the Boeing Vertical Lift facility produces the CH-47 Chinook for the U.S. Army and various International customers, and the V-22 Osprey for the USMC, USAF, and US Navy. Additionally, in the region, the Delaware Army National Guard are nearby along with several aerospace industry leaders and partners. The chapter holds an annual golf event to raise financial assistance which provides scholarships to college-level members of AAAA.

#### Officers:

COL Randolph Rotte Jr. Ret., President  
Mr. Patrick Donnelly, Senior VP  
Mr. Ed C. Hassiepen, III, Secretary  
1SG John R. Keim Jr. Ret., Treasurer  
Ms. Cathy Anthony, VP Scholarship  
Mr. Dave R. Eck, VP Programs  
Mr. Adam Patrick, VP Member Enrollment

## Florida

### Central Florida Chapter Oviedo, FL



**Category:** Master Chapter;  
532 Members

**Activation Date:** 3/1/1989

**Website:** [www.quad-a.org/CentralFloridaChapter](http://www.quad-a.org/CentralFloridaChapter)

**Description:** CFL Chapter is located in Orlando, Florida with the focal point supporting the simulations and training industry near PEO-STRI. Located on the Research Park of the campus of the University of Central Florida, PEO STRI is an Army One Star headquarters that supports Army Simulation, Training and Instrumentation for the War Fighter. ACC Orlando is the contracting command with many retired Army personnel and civilians. In addition to Orlando, members travel from both coasts to attend the monthly socials. From Tampa to Cocoa Beach to as far south as Miami and Key West, our chapter has just under 500 members. The chapter relies on the strong industry partnerships in sponsorships in the monthly socials and our annual golf tournament. The one thing the chapter is lacking - Soldiers. STRI has three 0-6 former aviator acquisition Officers. There are no Aviation MOS enlisted Soldiers to nominate for Soldier or NCO of the year.

#### Officers:

COL Kevin A. Vizzarri, Ret., President  
MAJ Gerard R. Gout, Ret., Senior VP  
Mr. Michael G. Younce, Secretary  
MAJ Michael A. Garretson, Ret., Treasurer  
LTC Jan Drabczuk, Ret., Past President  
MAJ Donald Smith, Ret., VP Scholarship  
Mr. Chris Wanitshka, VP Industry Affairs  
Mr. Robert Abascal, VP Member Enrollment  
COL Richard Haggerty, VP Military Affairs  
MSGT Sean Osmond, VP Publicity

### Embry Riddle Eagle Chapter Daytona Beach, FL



**Category:** AAAA Chapter; 36 Members  
**Activation Date:** 1/1/1978

**Website:** [www.quad-a.org/EmbryRiddleChapter](http://www.quad-a.org/EmbryRiddleChapter)

**Description:** Our Chapter's goals are to help individuals learn, network, and succeed in the aviation sector of the army. We have both military and civilian members, mostly comprised of ROTC cadets and prior service aviators. Located in Daytona Beach on the campus of Embry Riddle Aeronautical University, we have many Civilian General Aviation members. Our main focus is to support the ROTC Eagle Battalion cadets.

#### Officers:

LTC Garret K. Messner, President  
CDT Samuel Evans, Senior VP  
CDT Gerald Cook, Secretary

CDT Nicholas V. Farese, Treasurer  
CDT Daniel Ochoa, VP Member Enrollment  
CDT Hans Lehman III, VP Student Affairs

### Flying Gator Chapter St. Augustine, FL



**Category:** Senior Chapter;  
113 Members

**Activation Date:** 2/1/1990

**Website:** [www.quad-a.org/FlyingGatorChapter](http://www.quad-a.org/FlyingGatorChapter)

**Description:** The Flying Gator Chapter's mission is to build camaraderie within the membership and U.S. Army Aviation in Florida, develop partnerships with local charitable organizations, and establish a scholarship program to provide college opportunities to talented young adults in our area. This chapter wants to be involved in our community. Units Supported: 1-111th GSAB; HHC/1-111th; Det 1/B Co./1-111th; C Co./1-111th; D Co./1-111th; E Co./1-111th; B Co./2nd-151st S&S; B Co./1st-185th BN; Det 4/B Co./351st ASB; Det 1/B Co./2nd-245th TAB

#### Officers:

LTC Alexander V. Harlamor, President  
CW5 Christopher R. Tenaro, Senior VP  
CPT Kevin L. King, Secretary  
CPT Joshua D. Peek, Treasurer  
CW4 Timothy P. Dehner, VP Awards  
CW2 Mark Miner, VP Programs  
SFC Mark D. Rickel, VP Enlisted Affairs  
SGT Michael Steven Pelegrin, VP Member Enrollment

## Georgia

### Follow Me Chapter Columbus, GA



**Category:** AAAA Chapter; 64 Members  
**Activation Date:** 4/25/2018

**Website:** [www.quad-a.org/FollowMeChapter](http://www.quad-a.org/FollowMeChapter)

**Description:** The Follow Me chapter is dedicated to the AAAA pillars of Voice, Support, Recognition, and Network. We work to support the Aviation Soldier and Family, past and present, our brothers and sisters in arms, and the Greater Columbus / Fort Benning Community. We are committed to helping the community through service, academic scholarship, and recognizing those that provide exceptional contributions to the Army Aviation Community.

#### Officers:

CW3 Norbert Hart, President

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# 2019 AAAA Chapter Directory

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MAJ Robert Thornton, Senior VP  
SFC Thomas William Turpin, Secretary  
SSG Douglas McDonald, VP  
Membership

## Greater Atlanta Chapter Marietta, GA



**Category:** Master Chapter;  
225 Members  
**Activation Date:** 1/1/1968  
**Website:** [www.quad-a.org/GreaterAtlantaChapter](http://www.quad-a.org/GreaterAtlantaChapter)

**Description:** The Greater Atlanta Chapter of Army Aviation Association of America is a not-for-profit organization whose purpose is to support the U.S Army AVN Soldier.

**Officers:**  
COL Vernon C. Atkinson II, President  
COL Jason W. Fryman, Secretary  
MAJ Will Cox Jr., VP Member Enrollment

## Savannah Chapter Hunter AAF, GA



**Category:** Master Chapter;  
215 Members  
**Activation Date:** 11/1/1966  
**Website:**  
[www.quad-a.org/SavannahChapter](http://www.quad-a.org/SavannahChapter)

**Description:** The Savannah AAAA Chapter supports soldiers and families from 3d Combat Aviation Brigade, 224th Military Intelligence Battalion, and 3-160th Special Operations Aviation Battalion. Our goal is to provide a resource of stewardship, camaraderie, and support for the local Army Aviation community. We have approximately 200 current members.

**Officers:**  
LTC Arlin R. Wilsher III, President  
1LT Justin L. Hall, Treasurer  
LTC Nathan L. Lewis, VP Programs

## Hawaii Aloha Chapter Wahiawa, HI



**Category:** Senior Chapter;  
219 Members  
**Activation Date:** 2/1/1958  
**Website:**  
[www.quad-a.org/AlohaChapter](http://www.quad-a.org/AlohaChapter)

**Description:** The Aloha Chapter represents the Hawaiian Islands and includes all AAAA members and units of US Army Hawaii (USARHAW) as well as retired Hawaiian residents and their families. Additionally, all Hawaiian Army National Guard and Army Reserves Service Members within the state fall under the Aloha Chapter. This blanket ensures the Aloha Chapter demographic is diverse with Soldiers constantly moving on and off the Islands and state resident members founded in rich Hawaiian culture and progressive Island atmosphere. The Aloha Chapter's reach to the Pacific is tied directly to the USARHAW Pacific Pathways mission and guarantees the chapter's ability to extend influence and learn from experiences throughout the Pacific Islands, Asia, Australia, and all of the US. The Chapter's focus is to capitalize on this reach and bring AAAA members together to stay connected and build strength on the heritage of Army Aviation in Hawaii.

**Officers:**  
COL Dave P. Brostrom, Ret., President  
CW5 Michael Lynn Lewis Jr., Senior VP  
CPT Adam Scott, Treasurer  
MAJ Jared H. Brynildsen, VP Scholarship  
MAJ Azizi V. Wesmiller, VP Programs  
MAJ Lukas B. Berg, VP Member Enrollment

## Iowa Cedar Rapids Chapter Cedar Rapids, IA



**Category:** AAAA Chapter; 75 Members  
**Activation Date:** 6/1/1981  
**Website:**  
[www.quad-a.org/CedarRapidsChapter](http://www.quad-a.org/CedarRapidsChapter)

**Description:** The Cedar Rapids Chapter is headquartered in Cedar Rapids, Iowa, but includes members from across Iowa and western Illinois. Its growing membership includes defense contractors, National Guard, and retirees.

**Officers:**  
Mr. Douglas Lloyd, President  
Ms. Erin Clemen, Secretary  
Ms. Kelley Kirtz, Treasurer  
Mr. Aaron Runge, VP Member Enrollment

## Idaho Idaho Snake River Chapter Boise, ID



**Category:** Senior Chapter;  
97 Members

**Activation Date:** 5/1/2008  
**Website:** [www.quad-a.org/IdahoSnakeRiverChapter](http://www.quad-a.org/IdahoSnakeRiverChapter)

**Description:** Chapter is located in Boise, Idaho at Gowen Field. An organization which supports Idaho soldiers and their families by participating in events that foster camaraderie and fellowship throughout the military community - both past & present, provide scholarship programs to aid youth in their education, and to participate in activities that strengthen family unity. Feeder units are 1-183 AHB, Det 2/168 GSAB (MEDEVAC), DET 1/CO D/1-112th AVN S&S BN (LUH), and DET 35 (C-12). The Idaho Aviation Group consists of approximately 400 Soldiers.

**Officers:**  
Christopher T. Burt, President  
CW3 Fernando Soto, Senior VP  
CW2 Matthew D. Peltzer, Secretary  
1LT William F. Miller, Treasurer  
MAJ Jackson D. Gray, VP Scholarship  
CW2 George G. Laubhan, VP Member Enrollment

## Illinois Land of Lincoln Chapter Peoria, IL



**Category:** AAAA Chapter; 21 Members  
**Activation Date:** 4/1/1996  
**Website:** [www.quad-a.org/LandofLincolnChapter](http://www.quad-a.org/LandofLincolnChapter)  
**Description:** None Provided

**Officers:**  
COL Leonard. Jansen, Ret., President  
CW5 David Hammon, Treasurer

## Kansas Flint Hills Chapter Manhattan, KS



**Category:** Senior Chapter;  
146 Members  
**Activation Date:** 4/1/1959  
**Website:** [www.quad-a.org/FlintHillsChapter](http://www.quad-a.org/FlintHillsChapter)

**Description:** The Army Aviation Association of America Flint Hills Regional Chapter is a network of aviation professionals who recognize excellence and give voice and support to Soldiers and their Families, and promote new ideas for the future.

**Officers:**  
COL Chris Black, President  
Cory R. Barnes, Treasurer  
LTC Todd Loughney, VP National Guard & Reserves  
CPT Samuel O. Maxcy, VP Scholarship

MAJ Andrew J. Bailiff, VP Awards  
CPT McKenzie Hudgins, VP Member Enrollment

## Frontier Army Chapter Fort Leavenworth, KS



**Category:** Senior Chapter;  
138 Members  
**Activation Date:** 8/1/1969  
**Website:** [www.quad-a.org/FrontierArmyChapter](http://www.quad-a.org/FrontierArmyChapter)

**Officers:**  
COL Michael C. Sevcik, Ret., President  
LTC William D. Kuchinski, Ret., Secretary  
LTC Edward D. Jennings, Ret., Treasurer  
LTC Willis F. Jackson Jr. Ret., VP Member Enrollment

## Kentucky Air Assault Chapter Fort Campbell, KY



**Category:** Super Chapter;  
867 Members  
**Activation Date:** 12/1/1959  
**Website:** [www.quad-a.org/AirAssaultChapter](http://www.quad-a.org/AirAssaultChapter) [www.facebook.com/AirAssaultChapterAAAA](http://www.facebook.com/AirAssaultChapterAAAA)

**Description:** The AAAA Air Assault Chapter includes Active Duty Soldiers from the 101st Combat Aviation Brigade and the 160th Army Special Operations Aviation Regiment, retired Aviation Soldiers and Civilians. The Air Assault Chapter welcomes current, former, and retired aviation Soldiers, aviation support personnel, and all others interested in Army Aviation to become members of the organization. Our Chapter actively supports and sustains our Soldiers, their families and their assigned unit activities. The Air Assault Chapter provides reduced cost for younger soldiers to attend organizational events with their families. We also provide scholarship funds to soldiers, senior NCOs, officers and their families. Our chapter provides recognition Awards for Aviation Soldiers, aviation support personnel and spouses.

**Officers:**  
COL Henry Ruth, III Ret., President  
COL Stephen C. Smith, Ret. Senior VP  
CW5 George C. Arzente, Ret., Secretary  
CW5 Robert L. Huffman, Ret., Treasurer  
Mrs. Tamela Taliento, VP Industry Affairs  
Mr. Andrew J. McClure, VP Enlisted Affairs



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## Bluegrass Chapter Frankfort, KY



**Category:** AAAA Chapter; 44 Members  
**Activation Date:** 3/1/2007  
**Website:** [www.quad-a.org/BluegrassChapter](http://www.quad-a.org/BluegrassChapter)

**Description:** The Bluegrass Chapter was established in March 2007 in Frankfort and is dedicated to providing support to KY ARNG Aviation Soldiers and their families throughout the Commonwealth. Units Supported: All KYARNG Aviation Units. 63rd TAB, 751st AV BN, B Co 2-147th AASLT, C 1-376th S&S, B 351st, Det 1/C/2-238th MED, Det 4/C/3-135th AV REGT

**Officers:**  
MAJ Gabriel D. Spicer, President  
1LT Christopher M. Englen, Secretary  
LTC Jeremy Adam Kearney, Treasurer  
MSG Michael R. Ball, VP Scholarship  
CPT William Crowe, VP Awards

## Gold Standard Chapter Fort Knox, KY



**Category:** Senior Chapter; 159 Members  
**Activation Date:** 8/1/1959  
**Website:** [www.quad-a.org/GoldStandardChapter](http://www.quad-a.org/GoldStandardChapter)

**Description:** Gold Chapter, previously FLYING TIGER CHAPTER, once a Reserve dominant chapter has become a Reserve and Active Component chapter. The 2005 BRAC action, which led to the Army Human Resources Command being established at Fort Knox in 2010, brought many Regular Army Aviators to the Fort Knox area. The Gold Standard Chapter welcomes their membership and participation. We strive to support Army Aviators across all COMPOS.

**Officers:**  
LTC Roger F. Deon Jr., President  
MAJ John B. Halsell, Senior VP  
CW5 Herbert W. Hayes, IV, Secretary  
1LT Timothy J. Williams, Treasurer  
CW3 Timothy A. Dailey, VP Scholarship  
CW5 John W. Bailey, VP Awards  
CW5 Herbert W. Hayes IV, VP Programs  
1LT Benjamin M. Ciraulo, Deputy VP Awards  
LTC Mark A. Smith, VP Member Enrollment

## Louisiana Bayou Chapter Camp Beauregard Pineville, LA



**Category:** AAAA Chapter; 66 Members  
**Activation Date:** 2/15/2017  
**Website:** [www.quad-a.org/BayouChapter](http://www.quad-a.org/BayouChapter)

**Description:** AAAA Bayou Chapter enables Service Members to provide support for our brother and sister Soldiers, Families, and AAAA members through AAAA activities. Having a local chapter increases esprit de corps. It brings a sense of cohesion and support. Having the means to conduct activities, such as socials, meetings, events together provides an excellent vehicle for building good team relationships. There are multiple deployments on our horizon, spread out far and near. Being part of this association means that no matter where you go in the world, you will still have a place in Bayou Chapter. Sometimes that sense of belonging can turn a bad day into a good one. This sense of unity is the primary reason we want to start our own Chapter. Our goal is to build a strong and successful chapter that will provide members access to these wonderful benefits for many years to come.

**Officers:**  
Christopher W. Kegerreis, President  
MAJ Chad A. Hines, Senior VP  
CPT Bobby K. Woods, Secretary  
CW5 James B. Smith, Treasurer  
CPT Clarence Stiles III, VP Social Events

## Ragin' Cajun Chapter Fort Polk, LA



**Category:** AAAA Chapter; 51 Members  
**Activation Date:** 4/1/1973  
**Website:** [www.quad-a.org/RaginCajunChapter](http://www.quad-a.org/RaginCajunChapter)

**Description:** We are the Ragin' Cajun Chapter! We are located here at Fort Polk with 43 members ranging from active duty to retired. We are comprised of units here on the installation being sourced mainly from 1st Battalion, 5th Aviation Regiment. Our President, Coach, consistently leads from the front keeping us posted on all the changes and upcoming events here on post. We appreciate all of his hard work and dedication. Our goal is to come up with new ways to get service members interested in joining and get current members more active in the chapter.

**Officers:**  
LTC Edward A. Williams, Ret., President  
LTC Connie M. Lane, Senior VP

1LT Jordan R. Baginski, Secretary  
CPT Erik A. Hoempler, Treasurer  
CPT Dallas W. Critchfield, VP Awards

## Voodoo Chapter Hammond, LA



**Category:** Master Chapter; 321 Members  
**Activation Date:** 6/1/2002  
**Website:** [www.quad-a.org/VoodooChapter](http://www.quad-a.org/VoodooChapter)

**Description:** The Voodoo Chapter is a 300+ member strong chapter located in southeast Louisiana consisting of mainly, but not exclusively, Louisiana Army National Guard members. Voodoo is a very generous and community-oriented chapter openly welcoming new members and growing year after year.

**Officers:**  
MAJ Brian P. Guilbeau, President  
COL John P. Plunkett, Senior VP  
CW5 Charles D. Ott Jr., Secretary  
SGM Rudolph M. Cambre, Treasurer  
SSG Stephen L. Gifford Jr., VP Member Enrollment

## Massachusetts Minuteman Chapter Hanscom AFB, MA



**Category:** Senior Chapter; 156 Members  
**Activation Date:** 12/1/1991  
**Website:** [www.quad-a.org/MinutemanChapter](http://www.quad-a.org/MinutemanChapter)

**Description:** Minuteman Chapter of AAAA is made up of Aviation soldiers from Massachusetts and the New England area as well as industry and retired members. Our past 3 years have been deployment intensive; we look forward to our members returning and reviving our events!

**Officers:**  
COL Matthew J. Kennedy, President  
LTC Robert W. O'Connell, Senior VP  
MAJ James R. Paulette Jr., Treasurer  
LTC Jonas Patrino, VP Scholarship  
CW4 Timmy L. Tompkins, VP Programs

## Maryland Mid-Atlantic Chapter Aberdeen, MD



**Category:** Master Chapter; 419 Members  
**Activation Date:** 9/1/1966  
**Website:** [www.quad-a.org/Mid-AtlanticChapter](http://www.quad-a.org/Mid-AtlanticChapter)

**Description:** The Mid-Atlantic Chapter is regionally organized with its territory covering: New Jersey: US Army Reserve: 244th Expeditionary Combat Aviation Brigade and 2-228th Aviation Battalion; New Jersey National Guard: 1-150th Aviation Battalion; Communications-Electronics Research, Development and Engineering Center: (CERDEC) Flight Test Activity; Pennsylvania: Tobyhanna Army Depot, PA; and Maryland: Maryland National Guard: 29th Combat Aviation Brigade, 1100th Theater Aviation Sustainment Maintenance Group (TASMG), 1-224th Aviation Battalion; Program Executive Office Intelligence, Electronic Warfare & Sensors (PEO IEW&S); US Army Research, Development and Engineering Command (REDCOM).

**Officers:**  
COL John J. Gallagher, Ret., President  
COL David W. Carey, Sr. Ret., Senior VP  
CW2 Heather E. Gallagher, Secretary  
MSG Alexander P. Barge, Treasurer  
Mr. John G. Klubnick, Sr., VP Membership Renewals  
LTC Michael LaPoint, VP Scholarship  
Dr. Richard H. Wittstruck, Senior Military Advisor  
SGM Joyce M. Wilson, Ret., VP 244th Programs  
MSG Phyllis Combs, VP 29th Programs  
COL Charles L. Weaver Jr. VP MD Region  
LTC Glenn A. Monrad, Ret., VP Member Enrollment  
Mr. Charles V. Maraldo Jr., VP NJ Region

## Michigan Great Lakes Chapter Grand Ledge, MI



**Category:** Senior Chapter; 139 Members  
**Activation Date:** 4/1/2000  
**Website:** [www.quad-a.org/GreatLakesChapter](http://www.quad-a.org/GreatLakesChapter)

**Description:** The Great Lakes Chapter of the Army Aviation Association of America is your local resource for all things Army Aviation. As a member of the Army Aviation family we are your professional organization.

**Officers:**  
CPT Wesley Gwisdala, President  
CW3 Ronald F. Ziehmer, Senior VP  
SGT Stephen Foster, Secretary  
CW3 Lee Fuller, Treasurer  
SSG Alejandro Villareal, VP Member Enrollment  
SPC Manuel Vasquez, VP Member Enrollment



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## Minnesota

### North Star Chapter St. Paul, MN



**Category:** Senior Chapter;  
183 Members

**Activation Date:** 3/1/1991

**Website:**  
[www.quad-a.org/NorthStarChapter](http://www.quad-a.org/NorthStarChapter)

**Description:** The North Star Chapter combines efforts of the two facilities in Minnesota in order to provide scholarships for deserving students. The facilities are located in St. Paul and St. Cloud and are comprised of UH-60 A/L Blackhawks and CH-47F Chinooks. Supporting: HHC 34th ECAB HQ - St. Paul, MN (STP); 2-147th ASLT BN, STP; 834th ASB, STP; Det B 2-211 St. Cloud, MN (STC); Det C 2-211, STC; Det 5 (C-12) STP; F Co 1-189 ATS, Camp Ripley.

#### Officers:

COL Gregory D. Fix, President  
MAJ Jeremy D. DeGier, Senior VP  
MAJ Jonathan P. Andrews, Treasurer  
CPT Vincent Gonsior, VP Scholarship  
CW5 Steven M. Shoemaker, Ret., VP Member Enrollment

## Missouri

### Lindbergh Chapter Defiance, MO



**Category:** Senior Chapter;  
199 Members

**Activation Date:** 8/1/1960

**Website:** [www.quad-a.org/LindberghChapter](http://www.quad-a.org/LindberghChapter)

**Description:** The Lindbergh Chapter is located in the greater metropolitan St. Louis, Missouri area which includes members from Missouri and Illinois. Our membership encompasses both military and DoD civilians active and retired, as well as solid industrial membership led by the Boeing Corporation. Industry members besides Boeing include AvionAvTask, Arnold Defense, Donaldson, Georgian Aerospace, Air-Evac, Eclipse, KLX, Flight Safety International, DRS, AVMATS, and Icloud. The Lindbergh Chapter has established a relationship with the Gateway Chapter of the Army Aviation Heritage Foundation to provide our membership with additional opportunities for participation in events. Lastly, the chapter is beginning to work with the St. Louis Chapter of the Association of the United States Army to further expand opportunities for our members.

#### Officers:

Mr. David J. Weller, President  
Mr. Timothy Hughes, Senior VP  
Ms. Vicki L. Schmitz, Secretary  
Mrs. Dottie Rogers, Treasurer  
Mr. Robert Stenberg, VP Scholarship  
Ms. Jan J. Garmon, VP Member Enrollment

### ShowMe Chapter Sedalia, MO



**Category:** AAAA Chapter; 60 Members  
**Activation Date:** 5/1/1998

**Website:**  
[www.quad-a.org/ShowMeChapter](http://www.quad-a.org/ShowMeChapter)

**Description:** ShowMe Chapter Represents the Aviation community of the Missouri Army National Guard. ShowMe represents 35th CAB, 1-135th AHB, 935th ASB, 1107th Aviation Group, B-Co, 1-376th S&S

#### Officers:

LTC Derrick S. Jennings, President  
MAJ Adam David Mankey, Senior VP  
CW5 Greg McManus, Ret., VP  
LTC John P. Martin, Secretary  
CPT Benjamin A. Hansen, Treasurer

## Mississippi

### Magnolia Chapter Jackson, MS



**Category:** Senior Chapter;  
110 Members

**Activation Date:** 5/1/2001

**Website:** [www.quad-a.org/MagnoliaChapter](http://www.quad-a.org/MagnoliaChapter)

**Description:** Magnolia Chapter is a chapter comprised primarily of MS National Guard personnel. Additionally, the chapter is made up of civilian, defense industry, active duty and reserve Soldiers, and Families (current and retired).

#### Officers:

LTC Ashley C. Sullivan, President  
LTC Derek J. Holland, Senior VP  
LTC James Ashley Mills, Treasurer  
LTC Nicholas J. Morgus Jr., VP Scholarship  
CPT Christopher Stump, VP Member Enrollment

## Montana

### Big Sky Chapter Helena, MT



**Category:** AAAA Chapter; 62 Members

**Activation Date:** 3/1/2018

**Website:**  
[www.quad-a.org/BigSkyChapter](http://www.quad-a.org/BigSkyChapter)

**Description:** The Big Sky Chapter is located in Helena, Montana. Currently the primary units supported are HHC 1-189th, A CO 1-189th, CO C 1-189th (MEDEVAC), CO B 1-189th, CO D 1-189th, CO E 1-189th, Det 1 640th ASB, 1-112th S&S, and JFHQ DCS AVN. There are members of the Big Sky Chapter who served elsewhere and either made their way home to Montana or decided to make Montana their home and they come from all areas of Aviation. We have a variety of ranks and ages currently serving as members and will continue to strive for improved membership numbers by holding more AAAA activities and membership drives. Getting the information out to those non-members and the benefits of being an AAAA member are significant.

#### Officers:

COL James Wilkins, President  
LTC Robert Oleson, Senior VP  
MSG Melissa L. Loy, Secretary  
CPT Dustin Horswill, Treasurer  
MAJ Shawn Kaufman, VP Programs  
CPT Matthew Drew Rowland, VP Member Enrollment

## Nevada

### Battle Born Chapter Reno, NV



**Category:** Senior Chapter;  
111 Members

**Activation Date:** 3/1/2018

**Website:** [www.quad-a.org/BattleBornChapter](http://www.quad-a.org/BattleBornChapter)

**Description:** Just as our State was once born into battle, many of us in the Battle Born chapter of Army Aviation Association of America have been born into the great organization of Army Aviation at a time when our country was sending the Army into battle, many of us to the Middle East. But just like our great State's Motto: "All for Our Country", we have all devoted ourselves to this great nation of ours through our dedicated service in US Army Aviation. This Chapter of AAAA was founded to celebrate our service, remember those that came before us, and to help shape the future of Army Aviation. We invite all current, former, and future members of Army Aviation to join us along with their friends, family, and members of the community that are interested in supporting Nevada Army Aviation. The history of Army Aviation in Nevada is distinguished and spans generations of members who have served their State and Country. Nevada Army Aviation has served the communities of Nevada and many States around the country by performing missions of MEDEVAC,

Wild Fire Airdrops, Search and Rescue, Humanitarian Aid and Combat Deployments. Units from Nevada have served in locations around the world such as Panama, Kosovo, Haiti, Canada, and Afghanistan. Battle Born Chapter is here to provide a forum for aviation professionals to share experiences and gain knowledge. Supporting B Co. 1/189th GSAB (Chinooks), G Co. 2/238th GSAB (Blackhawks), 3/140th AVN (Lakotas), and 2/641st AVN (C-12s).

#### Officers:

MAJ Andrew S. Wagner, President  
CW2 Brandon Dewhurst, Senior VP  
CW2 Jacob Houser, Secretary  
Matthew Jonkey, Treasurer

## North Carolina

### Iron Mike Chapter Fort Bragg, NC



**Category:** Master Chapter;  
231 Members

**Activation Date:** 3/1/1959

**Website:** [www.quad-a.org/IronMikeChapter](http://www.quad-a.org/IronMikeChapter)

**Description:** Located at Fort Bragg, North Carolina, home of the Airborne and Special Operations Forces, the Iron Mike Chapter supports a large and diverse Aviation community consisting of the 82nd Combat Aviation Brigade, the United States Army Special Operations Aviation Command, and aviators conducting operations in support of FORSCOM, the XVIII Airborne Corps, and the 82nd Airborne Division.

#### Officers:

COL Dean D. Heitkamp, Ret., President  
Mr. Paul J. Ambrose, Senior VP  
CW5 Charles Roberts, Ret., Treasurer  
LTC Jack Parkhurst, Ret., VP Scholarship  
CPT Bryce Thompson, VP Awards  
COL David Jemigan, Ret., VP Programs  
CW4 Stormy McLemore Ripley, Ret., VP Member Enrollment

### Tarheel Chapter Raleigh, NC



**Category:** Senior Chapter;  
150 Members

**Activation Date:** 12/1/1977

**Website:** [www.quad-a.org/TarheelChapter](http://www.quad-a.org/TarheelChapter)

**Description:** The Tarheel Chapter supports the Army Aviation Soldiers and Family members of the North Carolina National Guard consisting of the 449th Theater Aviation Brigade (TAB), located at the RDU airport and with over 3800 officers and soldiers

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and over 130 aircraft. The 449 TAB supports the AH-64D (Apache) Battalion, the UH-60 (Black Hawk) Company, the UH-72 (Lakota) Detachment, a C-26 Detachment, and an Airfield Operation Battalion.

### Officers:

CW2 John S. Feutz, President  
SFC Scott Ringenbach, Secretary  
MAJ Christopher Peterman, Treasurer  
MAJ Patrick J. Szvetitz, VP  
LTC Lisa M. Whitley, VP Programs  
CSM Derwood L. Norris, VP Member Enrollment

## Nebraska

### Prairie Soldier Chapter Grand Island, NE



**Category:** Senior Chapter; 83 Members  
**Activation Date:** 7/14/2009  
**Website:** [www.quad-a.org/PrairieSoldierChapter](http://www.quad-a.org/PrairieSoldierChapter)

**Description:** The Prairie Soldier Chapter is the Nebraska Chapter of the Army Aviation Association of America. This Chapter is here to support Army Aviation Soldiers (Active, Reserve, National Guard and Retired) and their Families across Nebraska. We have two AASFs located in Lincoln and Grand Island.

### Officers:

MAJ Dustin A. Wilkie, President  
CW4 Matthew D. Greathouse, Senior VP  
CW4 Joseph M. Dolton, Secretary  
CW3 Courtney L. Miller, Treasurer  
CW3 Zachary Hartmann, VP Activities  
1SG Gus. Swanson, VP Enlisted Affairs  
CW4 Jeffery J. Caniglia, VP Member Enrollment

## New Mexico

### Zia Chapter Santa Fe, NM



**Category:** Senior Chapter; 91 Members  
**Activation Date:** 7/1/2007  
**Website:** [www.quad-a.org/ZiaChapter](http://www.quad-a.org/ZiaChapter)

**Description:** The Zia Chapter draws its members primarily from Albuquerque and Santa Fe, New Mexico. We have a few members in other parts of New Mexico, such as Las Cruces and Roswell. Membership is currently at about 50 members. Our members primarily include: (i) National Guard personnel (currently serving and retired); (ii) active Army retirees who have retired in New Mexico; and (iii) employees of New Mexico-based defense contractors. The chapter was founded about 10 years ago by members of

the New Mexico Army National Guard. Chapter activity has been sub-par over the past three years, but we are working to rebuild interest and conduct more activities. Our membership focus over the past year has been to enroll more enlisted personnel (both currently serving and retired) and to dispel the common misperception that AAAA is an officer-centric organization. We have had some success in this regard, primarily due to the efforts of chapter Vice President Ryan Haworth.

### Officers:

COL Christopher A. Holland, President  
Ryan Haworth, Senior VP  
2LT Christopher L. Otero, Secretary  
CW5 Wayne L. Sowell, Treasurer

## New York

### Black Knights Chapter Warwick, NY



**Category:** AAAA Chapter; 46 Members  
**Activation Date:** 2/1/1988  
**Website:** [www.quad-a.org/BlackKnightsChapter](http://www.quad-a.org/BlackKnightsChapter)

**Description:** The Black Knight Chapter's main purpose is to mentor and professionally develop West Point cadets on Army Aviation at the United States Military Academy. The members strive to educate, inspire and develop key relationships with cadets who are interested in Army Aviation that will posture them for success as a future aviation leader.

### Officers:

COL Richard Melnyk, President  
LTC Christopher Fuhrman, Senior VP  
MAJ Walter D. Thomas, Secretary  
MAJ John F. Wlasniewski, Treasurer  
CW4 Michael G. Rutledge, VP Events & Marketing  
LTC Erik. Kober, VP Member Enrollment  
LTC C. Mark Weathers, VP Public Affairs

### Empire Chapter Rochester, NY



**Category:** AAAA Chapter; 27 Members  
**Activation Date:** 8/1/1992  
**Website:** [www.quad-a.org/EmpireChapter](http://www.quad-a.org/EmpireChapter)

**Description:** Represent National Guard Aviation in upstate and western New York. Supporting: 642nd ASB, C 171 (MEDEVAC), B 3-126th (CH-47s), 27th BSB (UAS)

### Officers:

President, MAJ Eric R. Fritz  
Senior VP, LTC Scott C. Norcutt, Ret.

### MacArthur Chapter New York / Long Island Area, NY



**Category:** Senior Chapter; 142 Members  
**Activation Date:** 2/1/1992  
**Website:** [www.quad-a.org/MacArthurChapter](http://www.quad-a.org/MacArthurChapter)

**Description:** The MacArthur Chapter was formed in 1985 by the Soldiers assigned to the 42nd Aviation Bn, NYARNG located at MacArthur Apt, Islip NY. Initially the chapter was comprised of about 20 Officers and Enlisted Soldiers. Since then our membership has increased to over 100 and includes many Corporate members. Supported units include NY Army Aviation Support Facility #1 Ronkonkoma NY, 3rd BN 142 Aviation, HHC(-) 3rd BN 142 Aviation, B CO 3rd BN 142 Aviation, B Co.(-) 642 Support Battalion (ASB).

### Officers:

CW5 James G. Freeman, Ret, President  
COL Jack A. James, Senior VP  
MAJ Christopher R. Spencer, Secretary  
LTC Neal C. Lennstrom, Ret., Treasurer  
1LT Richard Siracusano III, VP Membership  
Mrs. Louise Loyst, VP Scholarship  
CW4 Thomas McGurn, Ret., VP Awards  
LTC James P. Coan, Ret., VP Communications  
COL Raymond Doyle, Ret., VP Protocol  
CW4 Timothy Scott Dahlen, Sr. Ret. VP Special Projects

### Mohawk Chapter Latham, NY



**Category:** AAAA Chapter; 69 Members  
**Activation Date:** 1/1/2016  
**Website:** [www.quad-a.org/MohawkChapter](http://www.quad-a.org/MohawkChapter)

**Description:** The AAAA Mohawk Chapter is located in Latham, New York and supports current and former Army Aviation members from the Greater Capital District. Supported units include NYARNG's Joint Force Headquarters, Latham, NY; 42nd Infantry Division, Troy, NY; 42nd Combat Aviation Brigade, Latham, NY; 3-142 Assault Helicopter Battalion, Latham & Ronkonkoma, NY; Det. 2, Co. A, 1-224 Search and Security Battalion, Latham, NY; and Det. 5, Co. C, 2-245 Aviation (C-12), Latham, NY. The purpose of the Mohawk Chapter is to execute and implement the objectives of the National Association within the Chapter's territory. This includes the Capital District of New York State, plus such nearby in-

terested parties not otherwise affiliated with other organized efforts of AAAA in their Regional or National segments. The major emphasis of the Mohawk Chapter will be to support the Army Aviation Soldier, the Army Aviation community, the National Army Aviation Scholarship Foundation, and activities that further the interest of Army Aviation.

### Officers:

LTC Kevin J. Ferreira, President  
LTC Paul M.I. Bailie, Senior VP  
MAJ Henry T. Chandler, Secretary  
SSG Jacob R. Weitzel, Treasurer  
1LT Forest J. Thrush, VP Operations  
CPT Charles S. Ackley Jr., VP Scholarship  
CW5 Michael W. Johnson, VP Awards  
MAJ Michael R. Audette, Ret., VP Industry Affairs  
CW3 Thomas J. Brunschmid Jr., VP Programs  
CW3 Matthias J. Quackenbush, VP Member Enrollment  
CPT Paul M. Engel, VP Military Affairs  
LTC Jason C. Lefton, VP Public Affairs  
CW5 Mark E. Shumway, VP Retired Affairs

### North Country Chapter Fort Drum, NY



**Category:** Senior Chapter; 173 Members  
**Activation Date:** 3/1/1989  
**Website:** [www.quad-a.org/NorthCountryChapter](http://www.quad-a.org/NorthCountryChapter)

**Description:** The AAAA North Country Chapter is located at FT Drum, New York, home of the 10th Mountain Division Light Infantry. The Chapter welcomes current 10th Combat Aviation Brigade (CAB) Soldiers and crew members stationed at FT Drum, along with former and retired air crew members as well as aviation support personnel residing in the North Country. We encourage anyone interested in Army Aviation and supporting our 10th CAB Soldiers to become a member of our North Country Chapter.

### Officers:

CSM Zach H. Hurst, Ret., President  
CPT Joseph R. Lanham, Secretary  
CPT Kevin S. Joyce, Treasurer  
CW5 Charles C. Jaszczak, VP Programs

## Ohio

### Wright Brothers Chapter Columbus, OH



**Category:** Master Chapter; 234 Members

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# 2019 AAAA Chapter Directory

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**Activation Date:** 2/1/1991  
**Website:** [www.quad-a.org/WrightBrothersChapter](http://www.quad-a.org/WrightBrothersChapter)

**Description:** The Wright Brothers Chapter of the Army Aviation Association of America was established in 1991 in order to commemorate and document the contributions of Army Air Crews from Ohio in the defense of their country, and to recruit and support future generations of Aviators. Mission: Promote Army Aviation in Ohio. Motivate Army Aviation Personnel to increase knowledge, techniques, and skills. Recognize outstanding contributions to Army Aviation. Exchange ideas and disseminate information promoting Army Aviation to the media / community. Provide special group programs of benefit to the individual members. Stimulate good fellowship between Army Aviation related personnel. Foster a public understanding of Army Aviation and inspire public interest and support in Ohio. Cement relationships between all Aviation Units, Army Aviation Support Facilities, Local Industry and Wright Brothers Chapter members in Ohio. Conduct quarterly meetings and events in support of Army Aviation interests.

**Officers:**  
LTC Wayne A. Thomas, President  
MAJ James D. McDarmont, Senior VP  
MAJ William Chadwick, Secretary  
SSG Daniel Hingston, Treasurer  
CPT Jeffrey S. Gyurcsik, Ret., VP Scholarship  
SFC Bernard J. Miesse, Ret., VP Social Events

## Oklahoma Thunderbird Chapter Tulsa, OK



**Category:** Master Chapter; 331 Members  
**Activation Date:** 1/26/2012  
**Website:** [www.quad-a.org/ThunderbirdChapter](http://www.quad-a.org/ThunderbirdChapter)

**Description:** We are located in Oklahoma supporting two AASFs (Army Aviation Support Facility) and the following units: 2-245th AVN BN, HHC, Co C, Co F 3-238th AOB, 2-149th GSAB, 1-169th GSAB, B Co 834 ASB, C Co 1-244th AVN and Det 1 Co. C 3-140th S&S.

**Officers:**  
LTC Bradley Carl Dean, President  
CPT John R. Pollard, Senior VP  
CW2 Rachel Deal, Secretary  
1LT Tyler M. Sharpe, Treasurer  
MAJ Christopher K. Lackey, VP Scholarship  
2LT Jeremie Pennington, VP Awards

SFC Donald C. Eldridge, VP Programs  
SSG Kyle Anderson, VP Enlisted Affairs  
CW2 Brian Keith Gage, VP Member Enrollment  
1LT Vinnie Bracaglia, VP Social Media

## Oregon Oregon Trail Chapter Salem, OR



**Category:** Senior Chapter; 176 Members  
**Activation Date:** 5/1/1995  
**Website:** [www.quad-a.org/OregonTrailChapter](http://www.quad-a.org/OregonTrailChapter)

**Description:** Oregon is one of two States without an Active Duty post, but that has not stopped us from building a large and active Aviation support group. We shifted our focus to supporting our families (Movie Night, Christmas parties, scholarships, school visits), Aviators/Soldiers (social events, coffee, OSM, MOB parties, State Conference hospitality suite, membership drives, Lifetime membership knife presentation, disabled aviation vet events), while taking an active role in preserving our aviation history (OV-1 Mohawk project, AAAA articles). We have also been supporting AAAA at the National level by volunteering to test the new AAAA website, manning booths during the conference, and submitting articles and pictures to the AAAA magazine. OTC4A has partnered with Yellow Ribbon for mobilization events, FRG and Serving Our Soldiers On The Homefront for the Christmas party and Movie Night event, Oregon Officers Association for the State Conference hospitality suite, Forward Assist for our disabled Aviation Veteran support events, and Gary Clark and the Elk Lodge #336 for the OV-1 Mohawk restoration.

**Officers:**  
MAJ Adam Lulay, President  
CW5 Paul E. Zenchenko, Senior VP  
CSM Jim R. Brown, Secretary  
CSM Jim R. Brown, Treasurer  
CW5 Barry Brown, Ret., VP Scholarship  
Lt. Col. Keith Townsend, VP Air Force Representative  
Mr. Raymond. Rees, VP DC Operations

## Pennsylvania Keystone Chapter Indiantown Gap, PA



**Category:** Senior Chapter; 197 Members  
**Activation Date:** 10/1/1981  
**Website:** [www.quad-a.org/](http://www.quad-a.org/)

## KeystoneChapter

**Description:** The Keystone Chapter represents aviation Soldiers and Families that reside primarily in the Commonwealth of Pennsylvania and centered on Army Aviation units associated with the 28th Infantry Division, 'America's Oldest Division', and the Eastern Army National Guard Aviation Training Site (EAATS). Members have performed 'above the best' in supporting the mission of Army Aviation activities both at home and abroad.

**Officers:**  
COL Gregg T. Clark, President  
MAJ Aaron J. Lippy, Senior VP  
1LT Nathan A. Bevans, Secretary  
CPT James A. Kistler, Treasurer  
MAJ Nathan D. Smith, VP Scholarship  
MAJ Trevor K. Patrick, VP Awards  
MAJ Christopher B. Bowers, VP Programs  
MAJ Michael S. Bertsch, VP Member Enrollment  
CW4 Richard G. Adams II, VP Public Affairs  
LTC Franklin H. Blouch Jr. Ret., VP Retired Affairs

## Rhode Island Narragansett Bay Chapter North Kingston, RI



**Category:** Senior Chapter; 301 Members  
**Activation Date:** 8/1/1992  
**Website:** [www.quad-a.org/NarragansettBayChapter](http://www.quad-a.org/NarragansettBayChapter)

**Description:** The Narragansett Bay Chapter of the Army Aviation Association of America is committed to supporting the Soldiers and Families of Rhode Island Army Aviation. The Chapter is centered around the 1st Battalion 126th Aviation Regiment. The Battalion participated in both OIF and OEF, continues to support contingency operations such as Operation Spartan Shield and Operation Inherent Resolve and has a history that traces back to World War II.

**Officers:**  
COL Andrew J. Chevalier, President  
Richard H. McMahon III, Senior VP  
CW3 Thomas R. Marchetti, Secretary  
SGT Stephanie Cyr-Engro, Treasurer  
MAJ Jarred Rickey, VP Scholarship  
CW2 Sarah Beyer, VP Awards  
Tessa L. Baptista, VP Programs  
1SG Richard A. Winkelman, VP Enlisted Affairs  
MAJ Eric Beauregard, VP Member Enrollment  
CW4 Mark De Souza, VP Retired Affairs  
CW2 David E. Powers, VP WO Affairs

## South Carolina Jimmy Doolittle Chapter Columbia, SC



**Category:** Master Chapter; 227 Members  
**Activation Date:** 3/1/1997  
**Website:** [www.quad-a.org/JimmyDoolittleChapter](http://www.quad-a.org/JimmyDoolittleChapter)

**Description:** The Jimmy Doolittle Chapter serves the entire state of South Carolina consisting of Active Duty Soldiers, South Carolina Army National Guard and our Industry and Community partners. The majority of the units supported by the chapter are those in the South Carolina Army National Guard assigned to 59th Aviation Troop Command and its subordinate units, 1-151st Attack Reconnaissance Battalion, 2-151st Security/Support Aviation Battalion, and 351st Aviation Support Battalion. The Chapter also supports Army Aviation Flight Facilities in the state located in Columbia and Greenville respectfully.

**Officers:**  
MAJ Peter C. Wright III, President  
CW5 H. Eric Seymore, Ret., Senior VP  
SFC Stephen T. Snodgrass, Secretary  
1LT Michael Perry Snyder, Treasurer  
CW2 James M. Honour, VP Scholarship  
1LT Victoria Inman, VP Awards  
MAJ Matthew L. Summey, VP Member Enrollment  
SGM David P. Rouffy, VP Retired Affairs

## Tennessee Johnny O Cluster Chapter Nashville, TN



**Category:** AAAA Chapter; 14 Members  
**Activation Date:** 4/1/2018  
**Website:** [www.quad-a.org/JohnnyOClusterChapter](http://www.quad-a.org/JohnnyOClusterChapter)

**Description:** The mission of the Johnny O Cluster Chapter is to support Overton High School students and their families, the Army Aviation community, and activities that further members' interest in Army Aviation.

**Officers:**  
Mr. Dodrick Smith, President  
CW4 Darwin Coberlander, Ret., Senior VP  
Mrs. Deirdre Demana, Secretary  
Mrs. Rachael Smith, Treasurer  
Mr. Thomas W. Moore, VP Scholarship  
Mr. Chris Brautigam, VP Communications

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# 2019 AAAA Chapter Directory

NETWORK RECOGNITION VOICE SUPPORT

Miss Anastasia Smith, VP Member Enrollment  
MAJ Alpheus Davis, VP Military Affairs

## McGavock Raiders Chapter Nashville, TN



**Category:** AAAA Chapter; 20 Members  
**Activation Date:** 4/1/2018  
**Website:** [www.quad-a.org/VolunteerChapter](http://www.quad-a.org/VolunteerChapter)

**Description:** The McGavock Chapter is made up of both Students and ROTC Cadets with the goal of advancing our knowledge in the aviation community and networking throughout it. We are open to anyone with an interest in Aviation Technology as well as past and present Aviators.

### Officers:

Miss Addison T. McLean, President  
Mr. Ronnie A. Hill, Senior VP  
Mr. Tony E. Youssef, Secretary  
Mr. Derek J. Rowe, Treasurer  
Mr. Marcus Webster, Treasurer  
Mr. Peter Mikulak, VP Scholarship  
Mr. David Asamoah, VP Programs

## Volunteer Chapter Smyrna, TN



**Category:** Master Chapter; 360 Members  
**Activation Date:** 10/1/2005  
**Website:**

[www.quad-a.org/VolunteerChapter](http://www.quad-a.org/VolunteerChapter)

**Description:** Volunteer chapter is primarily composed of active and retired members of the Tennessee Army National Guard, and more specifically 1-230th Assault Helicopter Battalion (formerly 1-230th Air Cavalry Squadron) and subordinate units. The chapter has operations in three primary locations in the state, Jackson, Nashville, and Louisville (Knoxville airport). Units supported include A, B, D, E, Companies of 1-230th AHB, Company C(-) 2-151st AVN REGT S&S, an Air Ambulance detachment from 1-171st AVN REGT MED, an Air Ambulance detachment from 1-111th AVN REGT, an Air Ambulance detachment from 2-135th AVN REGT, a maintenance company detachment from Co B 777th AVN BN, and a maintenance company detachment from 248th SP BN.

### Officers:

MAJ Jesse E. Belk, President  
CPT Jayson Cooper, Secretary  
CW2 Richard L. Rogers, Treasurer

CW5 John S. McConnell, VP Membership  
COL Jeffery A. Roach, VP National Guard & Reserves  
CPT Hulon M. Holmes, VP East  
CPT Joshua E. Robertson, VP Middle  
CPT Jeremiah Graupman, VP West

## Texas

### Corpus Christi Chapter Corpus Christi, TX



**Category:** Senior Chapter; 196 Members  
**Activation Date:** 1/1/1964  
**Website:** [www.quad-a.org/CorpusChristiChapter](http://www.quad-a.org/CorpusChristiChapter)

**Description:** The Corpus Christi Chapter is located on the Texas Gulf Coast in Corpus Christi Texas. The primary military organization it supports is the Corpus Christi Army Depot, CCAD. The membership is primarily civilian government employees/retirees and contractors. A majority being prior military/veterans. Corpus Christi Chapter's purpose is to support the Army and CCAD Aviation family through various programs and events. A few of the ways we support them are through financial support to family readiness programs, employee appreciation events, & scholarships. AAAA facilitates growth and enhancement of the Army Aviation program by bringing industry partners, service members, & department of the Army civilians together to create better and safer ways to meet the Army Aviation mission. Membership in the organization is open to anyone and all are welcome.

### Officers:

Mr. Tyler Glen Yeathermon, President  
Mr. Robert Straiton, Senior VP  
Ms. Tammy H. Tuttle, Secretary  
Ms. Carrie Lynn Withers, Treasurer  
Mr. Jorge L. Aguilar, VP Scholarship  
Ms. Rita A. Burke, VP Programs  
Ms. Michelle C. Yanez, VP Marketing  
Mrs. Natalie Flores, VP Member Enrollment  
Mr. Oscar Recio, VP Publicity

## Jack H. Dibrell/Alamo Chapter San Antonio, TX



**Category:** Senior Chapter; 159 Members  
**Activation Date:** 4/1/1960  
**Website:** [www.quad-a.org/JackHDibrellAlamoChapter](http://www.quad-a.org/JackHDibrellAlamoChapter)

**Description:** The AAAA Jack H. Di-

brell/Alamo Chapter includes past and present members of 36th Combat Aviation Brigade and surrounding former crew members throughout central and south Texas. The Chapter welcomes current, former, and retired crew members, aviation support personnel, and all others interested in Army Aviation to become members of the organization.

### Officers:

COL Joanne MacGregor, President  
CW4 Pedro J. Vargas, Senior VP  
CW5 Paul W. Jenschke, Treasurer  
CSM Robert Hartzog, VP Scholarship  
CW2 Jacob Keaton Jones, VP Awards  
CW4 Rick E. Dillenbeck, VP Member Enrollment

## Lonestar Chapter Conroe, TX



**Category:** Senior Chapter; 129 Members  
**Activation Date:** 6/1/2017  
**Website:** [www.quad-a.org/LonestarChapter](http://www.quad-a.org/LonestarChapter)

**Description:** The Lonestar Chapter of AAAA exists to serve Army Aviation Soldiers and their Families around Conroe, TX, the Woodlands and Houston metropolitan area in South East Texas. Our purpose is to be the Aviation Branch professional association for local Aviation units thereby bringing together Active Service members, Retirees, as well as Aviation Industry in the area.

### Officers:

LTC Derrick Hart, President  
MAJ Rains J. Lowrance, Senior VP  
CPT William T. Grantham, Secretary  
CPT Brady Boyd, Treasurer  
MAJ Christopher White, VP Scholarship  
CW3 Mathew Ingle, VP Programs

## North Texas Chapter Fort Worth, TX



**Category:** Master Chapter; 430 Members  
**Activation Date:** 10/1/1964  
**Website:** [www.quad-a.org/NorthTexasChapter](http://www.quad-a.org/NorthTexasChapter)

**Description:** The North Texas Chapter is located in the Dallas-Fort Worth Metroplex area. It is comprised primarily of defense contractors working at Bell Helicopter, Airbus Helicopter, Lockheed/Sikorsky, Elbit, DynCorp International and L-3 Communications. The membership also includes military retirees, members of the Army Reserves (2-149th GSAB) located at JRB

Fort Worth and Texas Guard located in Grand Prairie, Texas (old Navy Dallas facility). The chapter actively supports the Army Aviation Scholarship Foundation with six perpetual scholarships and eight matching funds scholarships.

### Officers:

COL Steven D. Mathias, Ret., President  
LTC Terrance Reininger, Ret., Senior VP  
COL Steven W. Kihara, Ret., Secretary  
LTC Noma C. Martini, Treasurer  
Mr. Garner Pogue, VP Industry Affairs  
LTC Chris S. Speer, Ret., VP Community Relations  
COL Michael E. Moody, Ret., VP Member Enrollment  
CW4 Michael D. Crowley, VP Military Affairs

## Phantom Corps Chapter Fort Hood, TX



**Category:** Master Chapter; 266 Members  
**Activation Date:** 11/1/1958  
**Website:** [www.quad-a.org/PhantomCorpsChapter](http://www.quad-a.org/PhantomCorpsChapter)

**Description:** The Phantom Corps Chapter of AAAA, located in central Texas, is part of the Greater Fort Hood Community. Our membership is diverse, consisting of active duty, reserve, national guard and retired aviation patriots. Our Chapter stays involved with the local community by maintaining contact with the leadership of the towns located nearby. Supporting: 166 BDE/TSBN, Fort Hood, Texas 2/291 AVN Battalion and 1/351 AVN Battalion; 1st Cav BDE, Fort Hood, Texas 2/227th Air Cav Battalion and 1/227th Air Cav Battalion; 15 Military Intelligence Battalion, Grey Army airfield which includes Fixed wing aircraft and a UAS program; 7th Battalion, 158th Aviation Regiment Fort Hood, Texas HHC 7th/158 and A Company 7/158

### Officers:

CSM Douglas Greene, Ret., President  
CW2 Andrew Larsen, Senior VP  
CW2 Joann L. Courtland, Treasurer  
CW5 Immanuel Delacruz, VP Awards

## Rio Grande Chapter El Paso, TX



**Category:** Master Chapter; 305 Members  
**Activation Date:** 9/1/1972  
**Website:** [www.quad-a.org/RioGrandeChapter](http://www.quad-a.org/RioGrandeChapter)



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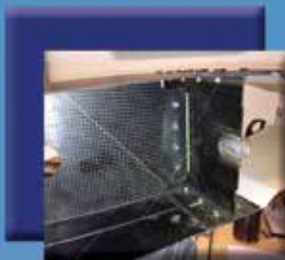
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# 2019 AAAA Chapter Directory

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**Description:** The Rio Grande Chapter of AAAA services active duty, retired, and civilian friends of Army Aviation in El Paso and the surrounding area. A significant representation in the Rio Grande Chapter comes from the aviation service members of the 1AD Combat Aviation Brigade stationed at Fort Bliss, TX.

**Officers:**

LTC George W. Benter IV Ret., President  
CW3 Micah Amman, Senior VP  
1LT Stephanie Eldridge, Secretary  
SGM Timothy J. Ros, VP Scholarship  
CSM Scott B. Newhart , VP Activities  
CSM William E. Haddon, VP Public Affairs  
1SG David Vowell , VP Public Affairs

**Utah**

**Utah Chapter**  
West Jordan, UT



**Category:** Senior Chapter; 124 Members

**Activation Date:** 2/1/2008

**Website:**  
[www.quad-a.org/UtahChapter](http://www.quad-a.org/UtahChapter)

**Description:** The chapter is located at the Utah AASF, West Jordan, UT. Units Supported: 97th Aviation Troop Command, 1-211th (ARB), 2-211th (GSAB), Det 4 B/1-112th (LUH-72), and Det 4/50 641st AVN REG (C-12)

**Officers:**

COL Ricky N. Smith, President  
MAJ Jeremy D. Tannahill, Treasurer  
2LT Richard Matthew Johnson, VP Member Enrollment

**Virginia**

**Colonial Virginia Chapter**  
Fort Eustis, VA



**Category:** Master Chapter; 333 Members

**Activation Date:** 7/1/1958

**Website:** [www.quad-a.org/ColonialVirginiaChapter](http://www.quad-a.org/ColonialVirginiaChapter)

**Description:** The Colonial Virginia Chapter is located in Tidewater Virginia centrally located between Virginia Beach, Hampton, Newport News, and Yorktown. Predominant units supported are U.S. Army Training and Doctrine Command (TRADOC); U.S. Army Capability Integration Center (ARCIC); 128th Aviation Training Brigade, Aviation Applied Technology Directorate (AATD), re-

cently reflagged as Aviation Development Directorate-Eustis, ADD-E. The diverse functions of the units served by the Colonial Virginia Chapter includes a MACOM, capabilities integration and futures planning, science and technology, research and developmental testing, maintenance training, and a United States Army Reserve unit.

**Officers:**

SGM Joseph W. Shabbott, Ret., President  
CSM Randall L. Wise, Senior VP  
Ms. Michelle M. Proulx, Secretary  
Mr. Rushton D. White, Treasurer  
CDR Edward T. Johnson Jr., VP Scholarship  
COL William H. Huff IV, VP Awards  
COL Donald G. Lisenbee Jr. Ret., VP Industry Affairs  
SFC Trevor Johnstin, VP Member Enrollment

**Stonewall Jackson Chapter**  
Sandston, VA



**Category:** AAAA Chapter; 53 Members  
**Activation Date:** 4/1/1996

**Website:** [www.quad-a.org/StonewallJacksonChapter](http://www.quad-a.org/StonewallJacksonChapter)

**Description:** The AAAA Stonewall Jackson Chapter serves the Richmond and Central Virginia region, the Virginia Army National Guard aviation units, Soldiers, civilian employees, and family members. Located at the Army Aviation Support Facility in Sandston, VA. Supporting: 2-224 AVN, 1/A/1-169 AVN, 1/A/2-151 AVN, 1/C/2-245

**Officers:**

LTC Kevin L. Warfield, Senior VP  
CW4 Kevin R. Edwards Jr., Secretary  
MAJ James G. Sheldon, Treasurer  
CW4 Geoffrey W. Mann, VP Member Enrollment

**Washington-Potomac Chapter**  
Arlington, VA



**Category:** Super Chapter; 949 Members

**Activation Date:** 8/1/1958

**Website:** [www.quad-a.org/Washington-PotomacChapter](http://www.quad-a.org/Washington-PotomacChapter)

**Description:** This "Super Chapter" of over 900 members was formed by combining two National Capitol Region chapters. We are best known for supporting AAAA Scholarships and

our unique and diverse membership of Active and ARNG units, Soldiers, Army Civilians, Industry members, Contractors, and Retirees. Emphasis is placed on supporting local Aviation units and their activities. The WPC encourages, supports and promotes exemplary performance of Army Aviation Soldiers, community leaders, and its AAAA members.

**Officers:**

MG Rudolph Ostovich III Ret., President  
COL Robert E. Godwin, Ret., Senior VP  
MAJ Frank A. Tedeschi, Secretary  
LTC Donald L. Wellen, Ret. Treasurer  
1LT Matthew L. Manning, VP Membership  
COL Ronald G. Lukow, Ret. VP Scholarship  
CW5 Daniel R. Curry, Ret., VP Awards  
LTC Jeffrey S. Christy, VP Programs  
COL Erik O. Gilbert, VP Member Enrollment  
LTC Wade A. Johnson, VP Public Affairs

**Washington**

**Mount Rainier Chapter**  
Fort Lewis, WA



**Category:** Master Chapter; 352 Members

**Activation Date:** 6/1/1965

**Website:**  
[www.quad-a.org/MountRainierChapter](http://www.quad-a.org/MountRainierChapter)

**Description:** The Mount Rainier Chapter is the U.S. Pacific Northwest based Master Chapter that serves its Army Aviation Community, especially its 290+ members. This Chapter is a mix of currently serving or retired Active Duty, Wash. Army National Guard, Army Reserve, DAC, Civilian Contractors many of which work and or live in-around Gray Army Airfield at Joint Base Lewis-McChord (JBLM; formerly Fort Lewis and McChord AFB). Our Chapter has a storied history since Fort Lewis was a power projection platform for Army Aviation since the Vietnam era and our membership includes the esteemed COL (R) Bruce 'Snake-6' Crandall and COL (R) William Reeder, author of 'Through the Valley: My captivity in Vietnam.' Units supported include the 16th CAB and subordinate units, 4th BN /160th SOAR, 96th Aviation Troop Command, 168th GSAB and subordinate units.

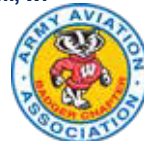
**Officers:**

COL Anthony P. Bolante, Ret., President  
CPT Eric Jensen, Secretary  
LTC John R. King, Treasurer

COL Michael A. Fleetwood, Ret., VP Programs  
David Michael Goodhue, Ret., VP Enlisted Affairs  
CW5 Teresa M. Burgess, VP Member Enrollment

**Wisconsin**

**Badger Chapter**  
Madison, WI



**Category:** Senior Chapter; 164 Members

**Activation Date:** 5/24/2012

**Website:**  
[www.quad-a.org/BadgerChapter](http://www.quad-a.org/BadgerChapter)

**Description:** The Badger Chapter performs a variety of activities integral to its mission of supporting Army Aviation members and their families. The Badger Chapter contributes to two scholarships annually. The chapter acknowledges life changing events in a personal manner with hand written notes on Chapter stationery from one of the executive board's members and, thanks to a generous memorial contribution, has established the Matthew A. Berndt Memorial Fund as a means to support Soldiers during such life-changing events. Proceeds from events and fundraisers are used to sustain these efforts. Further, the chapter maintains a Soldier of the Quarter Awards program, and actively recognizes the efforts of those supporting Army Aviation through the Order of Saint Michael and Our Lady of Loreto awards. Supporting aviation organizations including the 1-147th Assault Helicopter Battalion, and elements of C Co. 1-168th GSAB, G Co. 2-104th AV, D Co. 1-112th AV (LUH), the 248th Aviation Support Battalion, and the 32nd Infantry Brigade Combat Teams Tactical UAS "Shadow" Platoon.

**Officers:**

COL Matthew J. Strub, President  
MAJ Joshua Allan Felber, Senior VP  
MAJ Nils D. Henderson, Secretary  
MAJ Jeremy J. Duffy, Treasurer  
CW2 Craig Hatfield, Treasurer  
CPT Donald Graham, VP Membership  
CPT Casey Voss, VP Scholarship  
CPT Lucas J. Sivertson, VP Awards  
CW4 Paul Michael Phelps, VP Technology  
Mrs. Yunhui Danforth, VP Programs  
LTC Tammy L. Gross, Historian  
CPT Patrick J. Peterson, VP Fund Raisers  
SGT Timothy Robert Hass, VP Enlisted Affairs  
CPT Robert E. Danforth, VP Legislative Affairs

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# 2019 AAAA Chapter Directory

NETWORK RECOGNITION VOICE SUPPORT

## Wyoming

### Cowboy Chapter Burns, WY



**Category:** AAAA Chapter; 62 Members  
**Activation Date:** 4/1/2008  
**Website:**  
[www.quad-a.org/CowboyChapter](http://www.quad-a.org/CowboyChapter)

**Description:** Cowboy Chapter is located in Cheyenne, Wyoming. Current chapter members consist of current drilling members of the Wyoming Army National Guard and retired aviators from around the country. We support three primary aviation units, Golf Company 2/211th AVN, Alpha Company 2/149th AVN and DET 6. We are currently in the process of sending a portion of G/2-211th AVN and DET 6 on deployments in the next six months. We provide support for the state of Wyoming and surrounding states with missions such as Fire-fighting, Search and Rescue, Flood Support and CASEVAC Standby for wildfire operations.

#### Officers:

LTC Toby James Alkire, President  
CW4 Derek R. Fisbeck, Senior VP  
CW3 Steven J. Atencio, Secretary  
CPT Eric Becker, Treasurer  
CW2 Paul Buettner, VP Member Enrollment

## OCONUS

### Bavarian Chapter Hohenfels, Germany



**Category:** AAAA Chapter; 60 Members  
**Activation Date:** 8/1/1994  
**Website:**  
[www.quad-a.org/BavarianChapter](http://www.quad-a.org/BavarianChapter)

**Description:** The Bavarian Chapter is located in southern Germany, affiliated with JMRC. The Unit conducts rotational Unit readiness and helps observe, coach, and train for deployment readiness. We are mostly service members and DOD civilians. Our Chapter enjoys street biking, golfing, and skiing. The Bavarian Chapter includes the Falcons which is in charge of coaching Aviation Units throughout the Army. We also conduct coaching with multi-national Units to enhance interoperability. The Falcons utilize the UH-72A Lakota helicopter to conduct observation throughout Europe.

#### Officers:

LTC Daryl S. Von Hagel, President  
CSM James Etheridge, Senior VP

CPT Steven Mohr, Secretary  
CW4 Kevin Linken, Treasurer  
CW4 Jeremy Symkowick, VP Membership  
CPT Justin Purser, VP Scholarship  
CPT Caroline Spencer Myers, VP Awards  
CW4 Mike A. Spalsbury, VP Programs  
CPT Robert E. Lelito Jr., VP Fund Raisers

### Desert Oasis Chapter Saudi Arabia



**Category:** AAAA Chapter; 55 Members  
**Activation Date:** 7/1/2016  
**Website:**  
[www.quad-a.org/DesertOasisChapter](http://www.quad-a.org/DesertOasisChapter)

**Description:** The Desert Oasis Chapter, headquartered at Eskan Village, Riyadh, Kingdom of Saudi Arabia, supports aviators assigned to the Office of the Program Manager - Saudi Arabian National Guard Modernization Program (OPM-SANG) and those retirees living in the greater Riyadh area and working with the Ministry of the National Guard Aviation Division.

#### Officers:

COL Frederick J. Toti, President  
LTC Edward D. Rouse, Senior VP  
CW4 James J. Robinson, Secretary  
SFC Jacob E. Hayes, Treasurer  
MAJ Donald R. Mobley, Ret., VP Operations  
CW4 Les McNellie, VP Member Enrollment

### Griffin Chapter Katterbach, Germany



**Category:** Senior Chapter; 126 Members  
**Activation Date:** 1/1/1976  
**Website:** [www.quad-a.org/GriffinChapter](http://www.quad-a.org/GriffinChapter)

**Description:** The Griffin Chapter is headquartered in Katterbach, Germany and co-located with the 12th Combat Aviation Brigade Headquarters. Currently the chapter includes an active duty membership that extends across six separate Army installations and retirees that have chosen Germany as their home.

#### Officers:

COL Kenneth C. Cole, President  
Mr. Alexander Gorshenin, Treasurer  
1SG Stephen A. Williams, VP Scholarship

CW4 David P. Thoresen, VP Awards  
1LT Kyle A. Applegate, VP Awards  
LTC John A. Morris III, VP - Katterbach  
SFC James A. Young, VP Events & Marketing  
1SG James R. Journigan Jr., VP Member Enrollment  
MAJ Frank J. Fair, VP Wiesbaden

### Morning Calm Chapter Seoul, Korea



**Category:** Senior Chapter; 177 Members  
**Activation Date:** 5/1/1958  
**Website:**  
[www.quad-a.org/MorningCalmChapter](http://www.quad-a.org/MorningCalmChapter)

**Description:** The Morning Calm Chapter is dedicated to serving and supporting the Army Aviation Soldiers, the Army Aviation community, the National Army Aviation Scholarship Foundation, and activities that further the interest of Army Aviation on the Korean Peninsula. Our chapter supports the 2nd Combat Aviation Brigade and 3rd Military Intelligence Battalion of 501st Military Intelligence Brigade primarily based out of USAG-Humphreys, ROK.

#### Officers:

COL Brian Watkins, President  
LTC Ryan I. Moore, Senior VP  
MAJ David T. Powell, Secretary  
1LT Turner Lee Blake, Treasurer  
CPT Charles R. Whitaker, VP Awards  
CW3 Chong Kwan Yim, Ret., Host Nation Coordinator  
CW5 Michael R. Zanders, VP WO Affairs

### Rising Sun Chapter Camp Zama, Japan



**Category:** AAAA Chapter; 34 Members  
**Activation Date:** 12/1/1995  
**Website:** [www.quad-a.org/RisingSunChapter](http://www.quad-a.org/RisingSunChapter)

**Description:** The Rising Sun Chapter is based out of Camp Zama, Japan and is partnered with US Army Aviation Battalion - Japan. We also accept members from and support the entire US Army - Japan community. The Rising Sun Chapter was re-established in 2016 and currently has 33 members located throughout the Pacific.

#### Officers:

LTC Bryan C. Jones, President  
CW4 Jason David Warren, Senior VP  
CW4 James Kafer, Secretary  
CW3 Teddy Nelson, Treasurer

### Sinai Chapter Sinai, Egypt



**Category:** AAAA Chapter; 23 Members  
**Activation Date:** 1/2/2018  
**Website:**  
[www.quad-a.org/SinaiChapter](http://www.quad-a.org/SinaiChapter)

**Description:** AAAA Sinai Chapter, located in the southern Sinai Peninsula, near the town of Sharm El Sheikh, Egypt. Our Chapter directly reflects the efforts of AVCO (Aviation Company), part of Task Force Sinai. Task Force Sinai supports the Multi-National Force and Observers.

#### Officers:

COL Mark Ott, President  
LTC John R. Bretthorst, Senior VP  
MAJ Amoreena York, Secretary  
CPT Maxwell Taylor, Treasurer  
CW3 Bryan Lee, VP Fund Raisers

### Winged Warriors Chapter Soto Cano Airbase, Honduras



**Category:** AAAA Chapter; 72 Members  
**Activation Date:** 3/1/2008  
**Website:** [www.quad-a.org/WingedWarriorsChapter](http://www.quad-a.org/WingedWarriorsChapter)

**Description:** The Winged Warriors AAAA Chapter consists primarily of Soldiers from 1-228th AVN Regiment, currently stationed at Soto Cano Airbase in Honduras. 1-228th is a small General Support Aviation Battalion, with only 158 Soldiers and 63 Contractors. Soldiers stationed here are on a one-year PCS assignment and generally move their membership to this chapter while assigned here from their other duty stations.

#### Officers:

LTC Christopher Cook, President  
MAJ Christopher M. Daily, Senior VP  
CPT Jennifer L. West, Secretary  
MSG Christopher J. Cashell, Treasurer  
CPT Christopher J. Sullivan, VP Awards  
CSM Eric S. Arant, VP Programs  
MAJ Billy D. Blue III, VP Social Media

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First Place



Second Place



# ARMY AVIATION

## Photography Contest Winners

ARMY AVIATION Magazine is proud to present the winners of our annual photography contest. 33 qualified AAAA members, submitting 93 Army Aviation related photographs taken during CY 2018, competed for the top 12 places. We congratulate the winners and thank all of the contestants for their efforts and service. We invite all AAAA members to participate in our 2018 contest. Visit the AAAA website, [quad-a.org](http://quad-a.org) for details and submission requirements.

*Bill Harris, Publisher*

### FIRST PLACE

**“MARRS at Night”** By CW3 Jason M. Cabrera, Georgetown, Texas

*A MARSS aircraft waits for launch into the night in support of Operation Freedom’s Sentinel.*

*May 20, 2018; Kandahar Airfield*

### SECOND PLACE

**“Overwatch”** By CPT Kristoffer Sibbaluca, Tacoma Washington

*SGT Spencer Helmick, a 15U CH-47 helicopter repairer, assigned to 6th Battalion, 101st Combat Aviation Brigade, 101st Airborne Division (Air Assault), Task Force Shadow, observes the terrain and air space of eastern Afghanistan during a flight.*

*October 14, 2018; Eastern Afghanistan*

### THIRD PLACE

**“Sling Load at Clarks Hill”** By SFC Stephen T. Snodgrass, South Carolina National Guard, Eastover, South Carolina

*S.C. Army National Guard (SCARNG) Soldiers with Detachment 1, B Company, 2-238th Aviation Regiment (GSAB) perform water bucket training aboard two CH-47F Chinook medium-heavy lift helicopters.*

*November 3, 2018; McCormick County S.C.*

### FOURTH PLACE

**“NVG Milky Way”** By CW2 Bryce A.J. Potter, Manhattan, Kansas

*AH-64s from A Troop, 1-6 HARS, 1 CAB shortly after landing in the dreaded “Box” at the National Training Center.*

*September 9, 2018 Fort Irwin, California*



Third Place



Fourth Place



**HONORABLE MENTION**

**“Baxter State Park Support Mission”**

By CW5 Jon Campbell, Herman, Maine

*Supporting state park maintenance teams throughout the year by flying support equipment and supplies into and out of remote areas within state parks throughout Maine.*

*December 20, 2018; Baxter State Park, Maine*



**HONORABLE MENTION**

**“Sunset DUSTOFF”**

By 1LT Steven R. Cleppe, Aiea, Hawaii

*Medevac aircraft on standby at sunset, at the edge of paradise in the Pacific.*

*April 16, 2018; Pohakaloa Training Center*



**HONORABLE MENTION**

**“U.S. Army T-6D Texan II Into Sunset”**

By Justin L. Pearson, Redstone Arsenal, Alabama

*CW4 Jonathan Mihalka (experimental test pilot) and Justin Pearson (flight test engineer) return from Eglin Air Force Base, FL, in support of developmental testing on the AH-64E Version 6 Apache Attack Helicopter.*

*October 3, 2018; Huntsville, Alabama*



**HONORABLE MENTION**

**“Alaska NG to the Rescue”**

by SFC Stephen T. Snodgrass, South Carolina National Guard, Eastover, South Carolina

*U.S. Army Soldiers from the Alaska National Guard’s 1-207th Aviation Medevac Detachment offload a UH-60 Black Hawk helicopter from a C-17 Globemaster III cargo aircraft from the 144th Airlift Wing, Alaska Air National Guard.*

*September 17, 2018; Horry County, South Carolina*



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**HONORABLE MENTION**

**“Send it”**

By 1LT Kyle Degraw, San Diego, California

*CW4 Wise and WO1 Weilbacher of 1<sup>st</sup> Battalion, 25<sup>th</sup> Aviation Regiment shoot from an Apache during an aerial gunnery exercise. September 27, 2018; Bisung Aerial Gunnery Range, Republic of Korea*



**HONORABLE MENTION**

**“We Own the Night”**

By 1LT Austin Lachance, Highland Falls, New York

*A flight school student returns home to Shell Army Heliport in the UH-72A Lakota after a full night of training under the stars during the final days of Basic Warfighter Skills. October 13, 2018; Fort Rucker, Alabama*



**HONORABLE MENTION**

**“Reflections”**

By SFC Stephen T. Snodgrass, South Carolina National Guard, Eastover, South Carolina

*South Carolina National Guard Soldiers, Chief Warrant Officers 2 Benji Long and James Honour, conduct pre-flight checks before lifting off with senior leaders from the South Carolina Department of Transportation and Highway Patrol.*

*September 11, 2018; Horry County, South Carolina*



**HONORABLE MENTION**

**“ESGR at AASF#1”**

By SFC Stephen T. Snodgrass, South Carolina National Guard, Eastover, South Carolina

*South Carolina Army National Guard (SCARNG) Soldiers fly to Gadsden, AL, aboard an LUH-72A “Lakota” helicopter assigned to the S.C. Army Aviation Support Facility.*

*June 11, 2018; Gadsden, Alabama*

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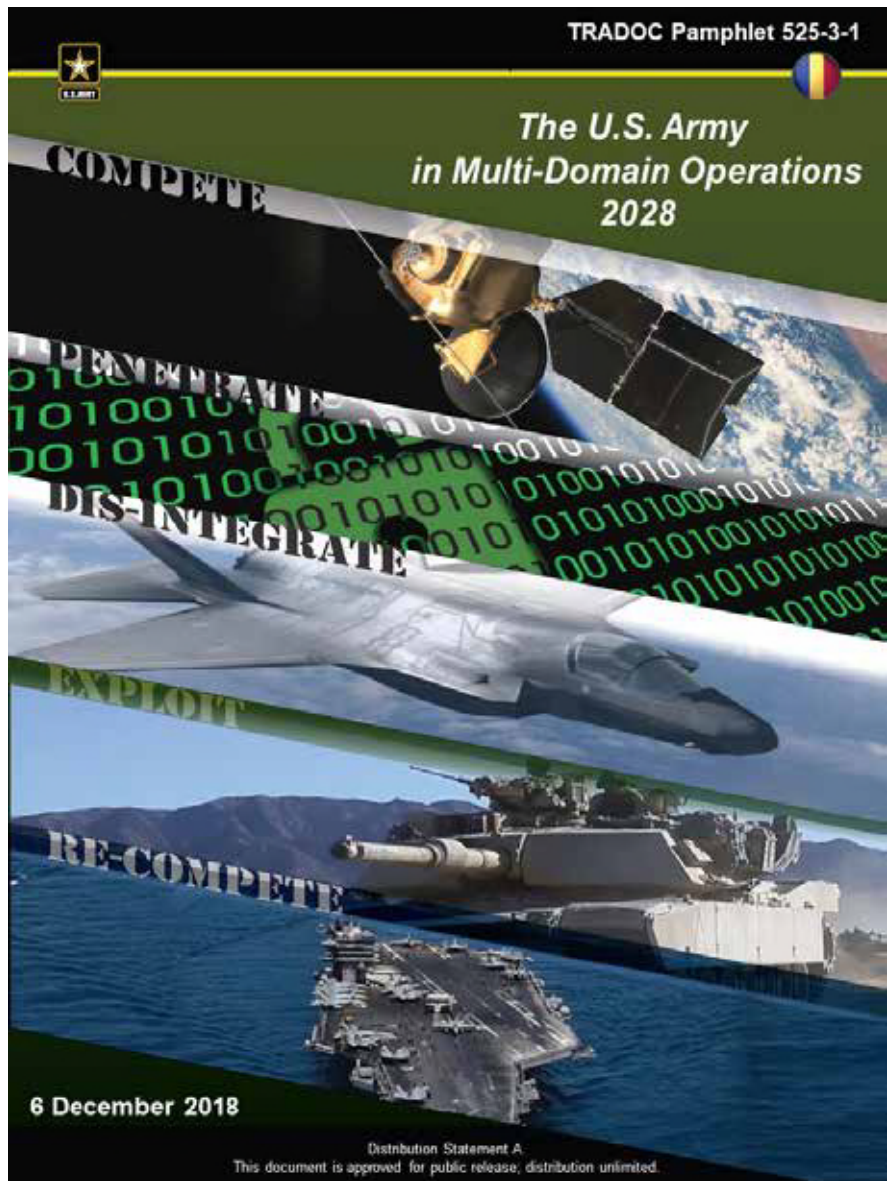


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# Army Aviation in Multi-Domain Operations

By COL Michael J. Best and Mr. Glenn A. Rizzi



The future Operational Environment (OE) is strategically complex, hyperactive and characterized by a myriad of global trends in social dynamics, technology proliferation, (dis)information, and great power competition. Our adversaries will seek to employ multiple layers of stand-off in all domains – *land, maritime, air, space, and cyberspace* to separate and degrade our operational and technological advantages. The U.S. Army and Army Aviation are rapidly orienting on threats capable of conducting multi-domain, large scale combat operations and responding in ways not seen since post-Vietnam to ensure success.

The central idea of Multi-Domain Operations (MDO) from TRADOC Pamphlet 525-3-1 is, we are continuously in a state of *competition* with adversaries, and to deter armed conflict we must prevail in that competition. Should

competition escalate to armed conflict, Army and Joint formations *penetrate* and *dis-integrate* enemy anti-access and area denial systems to *exploit* freedom of maneuver and defeat the enemy to achieve our objectives and force a *return to competition*. These are not sequential phases but can occur in any order and even simultaneously. The Army will transition our force and operations guided by three interrelated core tenets: (1) *Calibrated force posture* to combine positioning and the ability to maneuver across operational and strategic distances, (2) *Multi-domain formations* with the capacity, endurance, and ability to access and employ capabilities across all domains, posing multiple and compounding dilemmas to our adversary, and (3) the rapid and continuous *convergence* of all domains across time, space, and capabilities to overmatch the enemy.

MDO builds on 20th century Air Land Battle doctrine to include the realities of space capabilities, cyber/electronic warfare, and information operations. To meet these new 21st century challenges, Army Aviation will need to provide the combined arms maneuver commander an advantage on the scale and precision shared by no other army. To deliver on this advantage, Aviation will ensure we provide the agility and depth in our reach, the lethality to make a difference, the protection needed to survive, and the sustainment to endure in this operational environment.

Army Aviation plays a critical role in competition. We continuously demonstrate support through forward stationing, rotational deployments, and designated exercises. Our reach to rapidly build combat power is essential to provide commanders flexible options short

of direct action. We also have a significant role in enabling shaping operations at echelon. As part of larger Army operations and objectives, Aviation missions build confidence and dissuade adversaries through executing tough and realistic training, resupply operations, MEDEVAC, noncombatant evacuation, reconnaissance and security, and exercising with allies and partners.

### Advanced Teaming Concepts

To enable Army Aviation to successfully penetrate enemy anti-access and area denial systems should competition lead to conflict, we are developing advanced teaming concepts between recon/attack assets, unmanned aircraft systems, and air launched effects, coordinated with fires. To be sure, there are many other elements of combat power required for aviation operations to conduct a successful penetration operation that include mission command networks, intelligence, cyber, electronic warfare, and Joint Force support. Furthermore, penetration may require maneuver from operational and strategic distances. A collaborative aviation team provides the protection at stand-off distances needed to find, fix, track, target, engage, and assess (F2T2EA) layered threat systems employing camouflage, concealment, and deception, often in complex terrain.

Aviation in MDO seeks to dis-integrate enemy mid and long-range systems and enable friendly forces' independent operational maneuver. There is a significant convergence of intelligence, reconnaissance, and counter-fire operations to see, stimulate, and strike enemy fires. Army Aviation operating in the close to deep maneuver areas destroy key systems and enlarge windows of superiority in order to simultaneously complete the dis-integration of Integrated Air Defense Systems (IADS) and fires complexes and allow for freedom of maneuver. These high-risk Aviation operations must be executed with a high degree of situational understanding, threat awareness, and convergence of multiple domain capabilities.

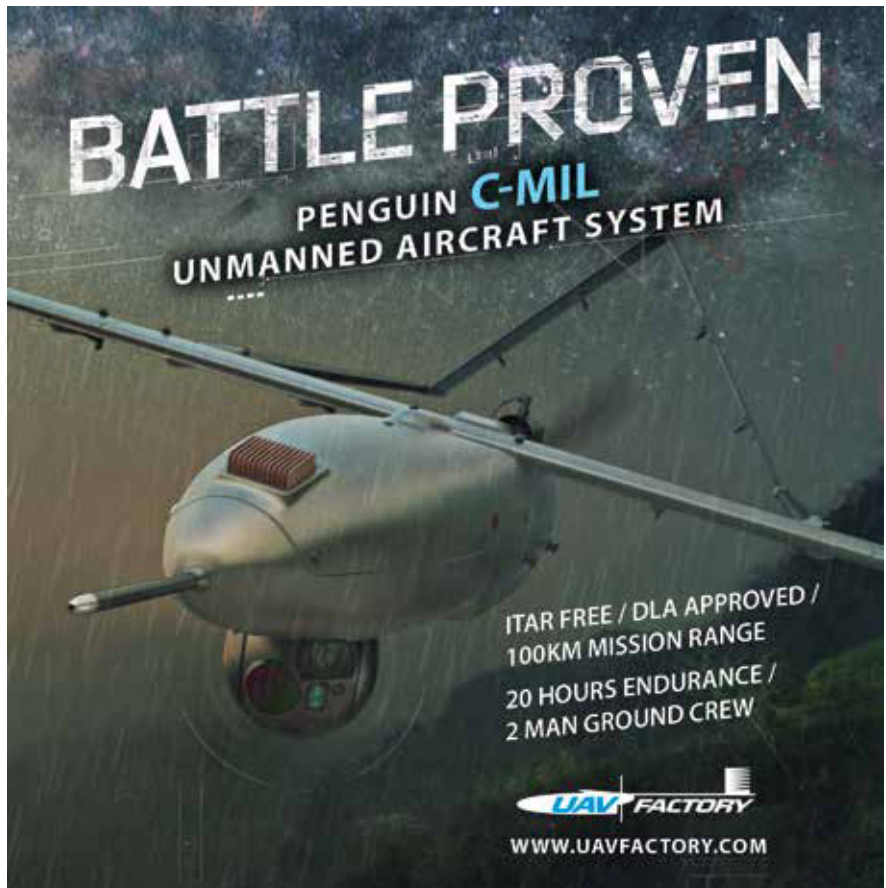
In exploitation, Army Aviation enables ground forces freedom of maneuver to achieve their objectives. The aviation brigade will conduct recon, security, attack, resupply, MEDEVAC, and air assault to maneuver and physically isolate the enemy. Our branch will support all warfighting functions at a very high operational tempo to rapidly exploit,



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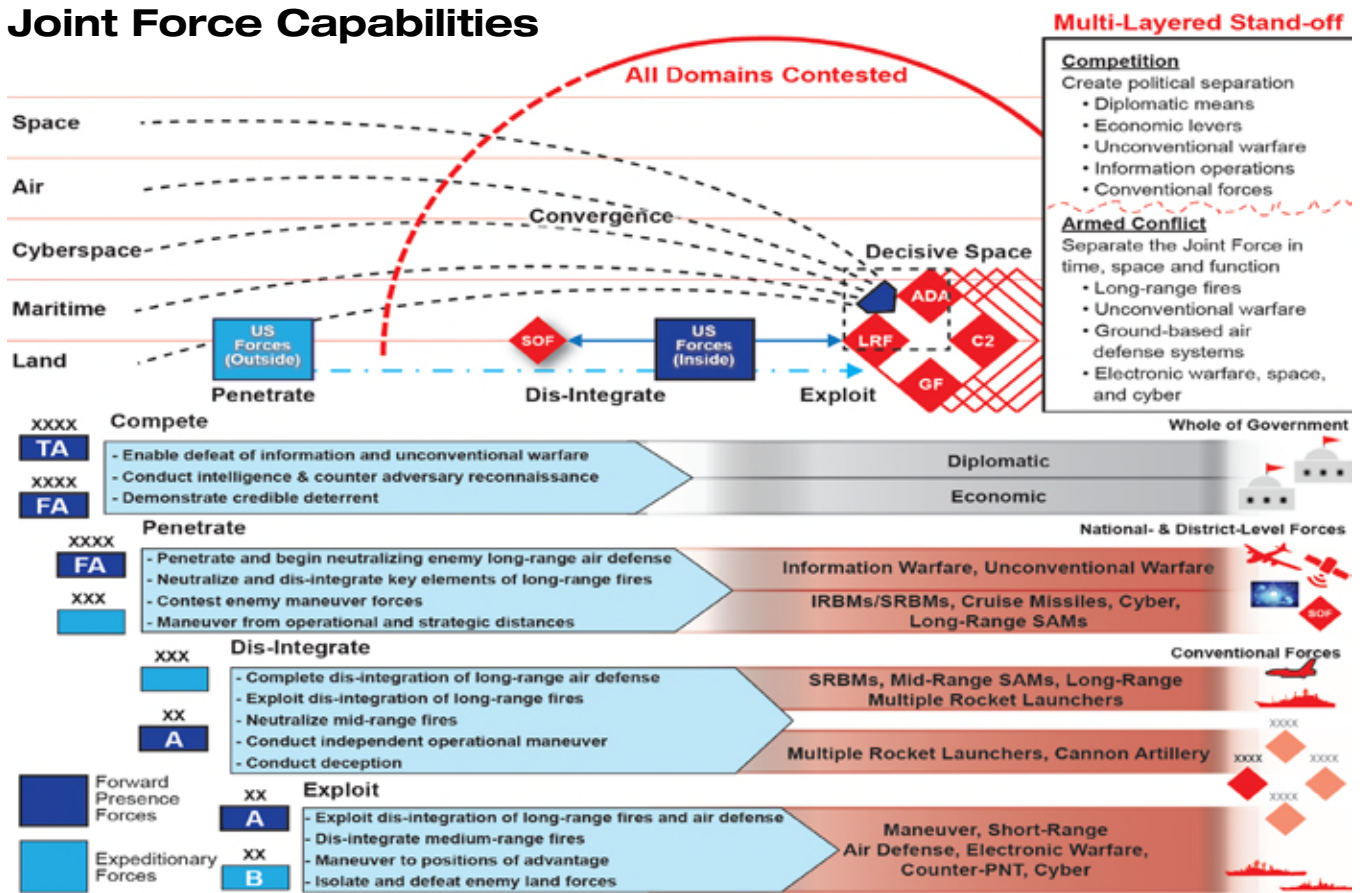


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expand success, and prevent the enemy from re-establishing those capabilities previously dis-integrated. Army Aviation operations are critical to creating and securing conditions favorable to achieving the commander's objectives.

As friendly objectives are attained and a return to competition begins, Army Aviation supports ground forces as they conduct three concurrent tasks: physically secure terrain and populations to produce sustainable outcomes; set conditions for long-term deterrence by generating partner and Army capacity; and adapt force posture to the new security environment. Army Aviation provides the means to re-aggregate and replenish dispersed forces and prepare to immediately counter enemy actions or re-attacks.

### Transforming Sustainment

To facilitate MDO, Army Aviation sustainment will need to transform. We will no longer be afforded the luxury of time to build combat power; MDO Aviation forces must be prepared to deploy and respond immediately. There will likely be no secure rear area to conduct intensive repairs. Our Forward Arming and Refueling Points (FARP) may need

to be self-sufficient, operating as mini-combat teams that disperse frequently. Survivability demands dispersed Aviation Company assembly areas, further complicating not only sustainment, but also command and control. Aviation formations will be required to operate for extended periods with no appreciable maintenance actions: "Daily" inspections may turn to "Weekly" or even perhaps, "as needed!"

Capitalizing on our Future Vertical Lift (FVL) Cross-Functional Team (CFT) efforts, we are materially enabling an Aviation MDO-ready force by providing advanced teaming between Future Armed Reconnaissance Aircraft (FARA), Advanced Unmanned Aircraft Systems (AUAS), and Air Launched Effects (ALE), associated with Long-Range Precision Fires (LRPF), to create a formidable convergence capability to penetrate and dis-integrate threat capacity and to dominate in the Close and Deep Maneuver Areas. We look at advancing our assault capability with Future Long-Range Assault Aircraft (FLRAA) to further enable exploitation to speed the return to competition.

Army Aviation in Multi-Domain Operations will not be a pick-up game.

Successful MDO convergence requires graduate-level integration and synchronization and a keen appreciation of risk that at times requires bold and audacious military action. We will need new materiel capabilities and we are documenting those requirements now as stated above. Equally as important, will be our adjustments to doctrine, organizational designs, individual and collective training, and leader development programs that power down decisions to the lowest level consistent with commander's intent. The advanced teaming concept of Attack/Reconnaissance, UAS, ALE, and precision fires will demand new force-on-force/force-on-target training ranges and synthetic training environment solutions. In sum, these are exciting times for Army Aviation and our Army. We are entering a period of innovation and a renewed appreciation for the complexities of multi-domain large-scale combat operations. We are up to the challenges that lie ahead.

Above the Best!

*COL Michael J. Best is the director and Mr. Glenn A. Rizzi is the deputy for the Aviation Capability Development and Integration Directorate at Fort Rucker, AL.*

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# Emerging Electronic Warfare Capabilities and the Combat Aviation Brigade

By CPT Devin Lukomski

*The 4th Combat Aviation Brigade served as the rotational aviation brigade for Atlantic Resolve from June 2018 to February 2019. During this time, the brigade supported multiple rotations at the Joint Multinational Readiness Center, Hohenfels, Germany, including a unique scenario during Combined Resolve XI where the brigade's Main Command Post deployed in support of the notional division's shaping efforts.*

**T**he 4th Combat Aviation Brigade “Ivy Eagles,” 4th Infantry Division witnessed our electronic warfare (EW) capabilities evolve during a nine-month rotation to Europe as part of Atlantic Resolve. These capabilities strengthened the brigade’s lethality and effectiveness against near-peer adversaries in two Decisive Action Training Environment (DATE) scenarios. The Ivy Eagles were the first aviation unit to receive these EW capabilities in Europe, which led to greater synchronization of EW assets with ground units and added depth to the common operating picture. Newly fielded EW systems also supported force protection and mitigated reliance on division assets within the consolidation and support areas.

## USAREUR Air ROD Fielding and 4th CAB Employment

To keep pace with emerging adversary Cyberspace and Electromagnetic Activities (CEMA) capabilities, 4th CAB was fielded the Air Radio Observation Direction finder (Air ROD) and Raven Claw laptops and the Sabre Fury Command Post Platform (CPP) HMMWV. Designed to link with other similar systems, the Air ROD and Raven Claw enhanced the brigade’s ability to tip and queue additional intelligence or combat assets with a line of sight mesh network. Immediately after fielding these systems and conducting new equipment training, 4th CAB installed the Air ROD and began conducting training and test flights in Europe.

Atlantic Resolve provided the brigade

the opportunity to use the Air ROD in a new, electronically complex theater. The Ivy Eagles employed the Air ROD as part of a battalion aviation task force (AvTF), in support of a maneuver brigade. The operator’s primary focus was to enhance the brigade’s capabilities and to augment the network of EW sensors employed by the supported ground unit. While the initial New Equipment Training (NET) focused mainly on the use of equivalent ground systems, the 4th CAB’s CEMA cell tailored the Air ROD to support the complexity of aviation battlefield geometry.

## Dragoon Ready 19

Dragoon Ready 19 (DR 19) was a 2nd Cavalry Regiment (2nd CR) Joint Multinational Readiness Center



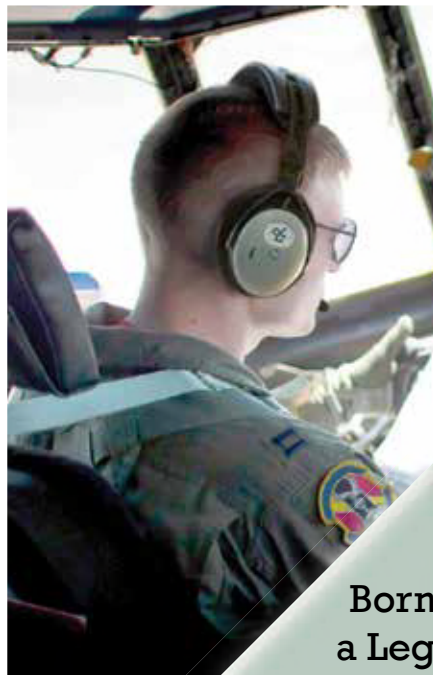
(JMRC) exercise that occurred in October 2018. In preparation for the exercise, 2nd CR was fielded the EW equipment a year prior. This year of experience and expertise with similar systems proved critical in synchronizing EW effects and sensor plans between 2nd CR and 4th CAB. The regiment's ground sensor network consisted of the Sabre Fury Strykers and dismounted sensors with the Versatile Radio Observation Direction finders (VRODs). To ensure success, 4th CAB integrated the Air ROD into the AvTF's screen, to support 2nd CR's area defense during the exercise.

The Air ROD, Sabre Fury, and VRODs pushed Lines of Bearing (LOB) reports to mission command nodes, which provided actionable information and added depth to the brigade's intelligence assessment of enemy movements. On multiple occasions, LOB reports determined by Air ROD correlated with the LOB reports of 2nd CR Sabre Fury vehicles or VRODs. This correlation verified or refined intelligence assessments of enemy disposition and composition. Correlated LOB reports resulted in organic reconnaissance assets such as the AH-64D Apaches able to confirm location, and lethally engage targets. In addition to targeting and lethal effects, EW assets provided indications and warning in support of force protection and aircraft survivability.

An example of this during DR 19 is a LOB report that provided a monitored enemy transmission, which indicated enemy targeting of Apaches for engagement by a dismounted air defense weapon. After receiving the report in the AvTF TOC, the CEMA cell notified the Apache aircrews through the Radio Telephone Operator (RTO). This communication resulted in aircraft moving from their current positions, which improved their survivability. By the conclusion of DR 19, newly fielded 4th CAB CEMA capabilities demonstrated the ability to enhance real-time targeting and improve the survivability of aircraft within the AvTF. This improved the commander and staff's understanding and visualization of the enemy situation and battlefield intelligence picture, in turn increasing the CAB's lethality.

### Combined Resolve XI

Tasked to shape the division's deep area prior to ground force operation, 4th CAB conducted search and attack operations, during Combined Resolve



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XI. Search and attack operations sought to attrit ground enemy forces prior to closing with friendly forces. To this end, 4th CAB and subordinate AvTFs performed shaping operations in the division deep area as battlespace owners. Despite being fielded the Raven Claw laptops as part of the initial fielded equipment, the system did not come with TOC kits or the appropriate hardware to allow communication on the mesh network without integration with a Sabre Fury vehicle. To close the capability gap, 4th CAB requested the Sabre Fury CPP. Not only did the system provide the hardware link

for the mesh network between Raven Claw and Air ROD when in range, it also provided an organic electronic attack capability to 4th CAB.

### Electronic Warfare in Support of Force Protection

During planning, the Ivy Eagles staff assessed an area of potential vulnerability for the brigade in a DATE scenario. Enemy Special Purpose Forces (SPF) are a constant threat to mission command nodes and disrupt rear area security. This could require reliance on division-provided enablers, such as military police and engineers, to provide se-



U.S. ARMY PHOTO BY WARRANT OFFICER JEREMY SHEL, 4TH CAB AV TECH

The Air Radio Observation Direction finder is an Electronic Warfare Support system that mounts to a UH-60 Black Hawk. The system includes an Electronic Warfare operator, Raven Claw software and the Sabre Fury Command Post Platform, a HMMWV.

curity in the support and consolidation areas. To mitigate this reliance, 4th CAB employed the Air ROD and Sabre Fury


in tandem within the Division Support and Consolidation Area. The Air ROD, which remained far from air defense threats, flew high enough to eliminate line of sight obstacles to enemy emitters and expanded the area in which it could generate LOBs. Due to Air ROD's altitude and proximity to the brigade TOC, it was able to link with the Sabre Fury network, the two systems sharing data on enemy emitters. Because enemy SPF frequently employ commercial drones as reconnaissance and intelligence assets, 4th CAB was able to affect the control of enemy SPF unmanned aerial surveillance (UAS) and improve the overall security posture. With EW assets synchronized as part of the support and consolidation area security plan, the brigade focused their Apaches on search and attack operations instead of security operations. This concept of CEMA support proved to be effective in detecting and disrupting SPF operations within the support and consolidation areas throughout the exercise. Integration of the additional EW effects contributed to the survivability of mission command nodes, Forward Arming Refueling Points (FARPs), retransmission sites, and other elements within the support

and consolidation areas, enabling the success of forward elements and search and attack operations.

### Conclusion

4th CAB's participation in Atlantic Resolve was an opportunity to work with newly fielded EW capabilities, build readiness, and to develop ways to synchronize EW effects. Participation in DR 19 and Combined Resolve XI improved 4th CAB's ability to employ EW sensors, and integrate them with adjacent ground units. In both training exercises, integration of EW increased the brigade's lethality. During DR 19, 4th CAB enhanced real-time targeting and improved the battlefield intelligence picture. For Combined Resolve XI, 4th CAB expanded the use of the Air ROD into the support and consolidation areas, which resulted in reduced reliance on non-organic enablers and overall improved security of mission command nodes.


*CPT Devin Lukomski is a cyber electronic warfare officer currently serving as the 4th Combat Aviation Brigade Electronic Warfare Officer.*


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# News Spotlight ▶

## 1AD CAB Transitions to Electronic Flight Bags

By SGT Ashton Hofmeister



U.S. ARMY PHOTO BY SGT ASHTON HOFMEISTER, 1AD

1LT Vianna conducts the preflight checklist with the new Electronic Flight Bag digital tablet.

The 1st Armored Division Combat Aviation Brigade has migrated to Electronic Flight Bags (EFBs), which will streamline the aircrews' functionality using electronic devices. In the past, flight bags contained all the necessary paper documents aircrews needed for missions. Now, all this information has been consolidated into EFBs, helping transition the brigade to paperless cockpits. "Basically, what it does is allows us to carry all the publications, which are required for flight, on an iPad®, in addition to other things like regulations, doctrinal publications, SOPs, and even mission products," said CW5 Paul C. Beretey, the Brigade Standardization Officer.

This transition from paper-based documents to commercial innovation resources is an ongoing aspect of the U.S. Army's modernization process, leveraging cutting-edge science and technology to help Soldiers and units be more lethal in combat. EFBs allow for the immediacy of information, which is a significant advantage when it comes to content distribution.

"During the middle of a mission briefing, if a change is made, it can be transmitted and received by all the aircrews within two to three seconds," said CW5 Steve A. Donahue Jr., the 1AD CAB Command Chief Warrant Officer. "Everybody has a common operating picture."

In addition to providing major changes with the way information is received by flight crews, the EFBs also help bring major cost savings to the brigade. There are significant cost savings, said Donahue. We no longer must ship and print publications. One tablet replaces approximately 20 different publications into one document and replaces our entire reference library, which can exceed hundreds of Army doctrine and other manuals.

The change gives aircrews several different advantages, but Donahue says there are three aspects that truly make this transition effective. "Money saving and synchronization as well as relevance," Donahue said. "Those are the three main themes." 1LT William Viana and 1LT Natalia Drew, both pilots with the CAB, believe that the transition is beneficial to aviators because it creates an easier way to access vital resources that are necessary for aircrews in comparison to the flight publications bags that were used in the past. "I'm really excited about the capabilities that the modernization and the development of the EFB bring to the aviation community," said Drew. "The ability to have access to multiple publications and TMs (training manuals) right at your fingertips, both in the aircraft as well as during the planning process." "Not only is it easier when you're carrying one little device versus five to six books in an entire bag, but all of the cockpits that we work in don't have unlimited space," said Viana. "So, just being able to fit one device with everything you need in one spot, rather than taking up the whole cockpit."

The CAB's investment in EFBs is a significant combat multiplier that aids in accomplishing the Army's modernization strategy to make Soldiers and units more lethal to win our nation's wars, then come home safely.

*SGT Ashton Hofmeister is assigned to the Combat Aviation Brigade, 1st Armored Division. 1LT Vianna conducts the preflight checklist with the new Electronic Flight Bag digital tablet.*

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PHOTO BY CPT JAMES C. KING

An A&P certified mechanic conducts preventative maintenance checks on a Beechcraft T-34 Mentor trainer aircraft.

## From the Field ▶

# Post Career Marketability for Army Aviation Maintainers

By CPT James C. King

According to the Bureau of Labor Statistics, as of 2017 the median pay for aircraft mechanics and service technicians is \$29.34 per hour or \$61,020 annually. Furthermore, The Boeing Company forecasts a need for 754,000 new maintenance technicians worldwide by 2037. Of those, 189,000 are projected to come from the United States.

Army Aviation maintainers with a Military Occupational Specialty (MOS) of 15F, 15H, 15N, 15T, 15R, 15U, or 15Y looking to take their experience to the civilian workforce must consider a few things to make themselves more

marketable when searching for a civilian maintenance technician job.

To start, Army Aviation maintainers should obtain a Federal Aviation Administration (FAA) *Airframe and Powerplant (A&P)* certificate. It is beneficial to obtain this certificate while still in the military, as the oral and practical exam fee (\$300-800) is reimbursable for service members. Most Army installations have A&P programs that assist maintainers with the process of obtaining an A&P certificate, but they usually require the maintainer to travel in order to obtain



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their 8610-2 form (Airman Certificate and/or Rating Application) from the nearest FAA Flight Standards District Office (FSDO). Additionally, the maintainer will have to travel again to take the written test at an FAA authorized testing center and one more time to take his/her oral and practical examination with the closest FAA Designated Mechanic Examiner (DME). At Joint Base Langley-Eustis, the 128th Aviation Brigade has a unique program that allows maintainers the opportunity to acquire an FAA A&P certificate with minimal travel required. Whether stationed at Eustis as an instructor or on temporary duty (TDY) for the Advanced Leader Course (ALC), any maintainer that holds one of the before mentioned MOSs can and should take advantage of this opportunity.

*[Editor's Note: In 2018, the AAAA National Executive Group established individual merit based \$500 scholarship-type grants for selected Soldiers while attending the testing phase of A&P license courses. For more information on eligibility and how to apply, go to [www.quad-a.org](http://www.quad-a.org)]*

Once obtained, many Army Aviation

maintainers believe that having an FAA A&P certificate alone will make them more marketable. Unfortunately, just having an A&P certificate does not mean they have all the practical skills and knowledge necessary to acquire a job in the civilian workforce. Civil Aviation is looking for more than just an FAA licensed aircraft mechanic and service technician. They want someone with general knowledge of the systems and processes of civil aircraft as well as the skills to support the knowledge. Therefore, just working on Army helicopters or the right experience to maintain and service a fixed-wing aircraft such as the Boeing 747 or Gulfstream G500 will not be enough.

Outside of spending 12 or more months as an apprentice to gain more knowledge and skill, looking towards an *associate or bachelor's degree in aviation maintenance* is very beneficial in obtaining a job as a civilian aircraft mechanic. Embry-Riddle Aeronautical University, a well-known and globally accredited university for aviation, offers the opportunity to earn an aviation maintenance degree through one of their worldwide campuses or online. Additionally, their

Aviation Maintenance Program meticulously trains students to service, troubleshoot, and repair aircraft for them to graduate with an in-depth knowledge of airframe structures, reciprocating engine theory, turbine engine theory, and more. Lastly, those who hold an FAA A&P certificate can receive 18 credit hours towards a 60 credit-hour associate degree or 30 credit hours towards a 120 credit-hour bachelor's degree.

Maintainers in Army Aviation are already highly trained, disciplined, and motivated technicians. They only require some additional training and endorsements outside of the military to secure their second successful aviation career. With an aviation maintenance degree coupled with an FAA A&P certificate, Army Aviation maintainers will prove to be more marketable to the civilian aviation workforce; therefore, they will continue to maintain the safest aircraft by using their world-class aviation maintenance experience.

*CPT James C. King is the commander of Company B, 1st Battalion, 210th Aviation Regiment at Joint Base Langley-Eustis, VA.*

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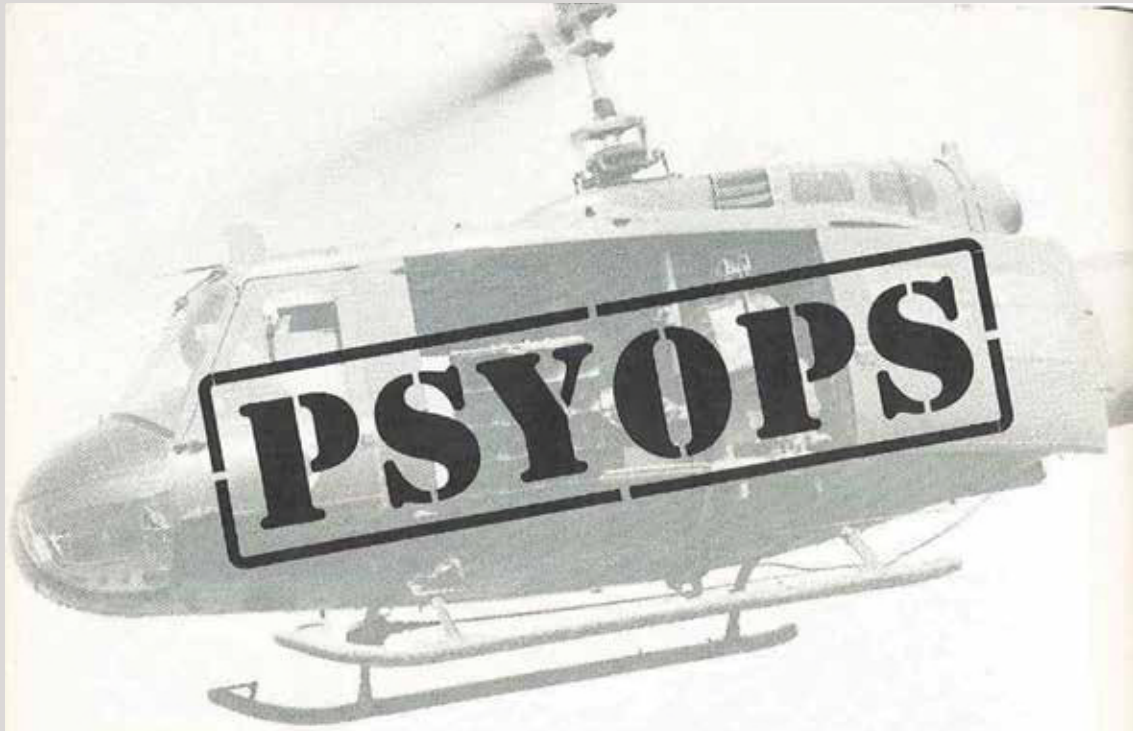
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**A** NEW weapon has been added to those employed by the 1st Air Cavalry Division during a firefight — *Psychological Operations*.

Under recently initiated operations, the enemy is not only faced with the awesome Cavalry firepower, but he must cope with attacks upon his sense of security, purpose, and well-being. Oftentimes, this attack is coordinated to take place while the enemy is still being ripped and pounded by ground fire, artillery, and aerial rocket artillery. At the latest, it occurs immediately after he is beaten and while he is still retreating.

### Assigned to brigades

Each of the division's brigades is now equipped with a 1,000-watt loudspeaker, a two-man psychological operations (PSYOPS) team, and a stand-by helicopter in addition to an arsenal of leaflets.

Reaction time from the moment contact is made to the time the team is over the area is minimal, usually 10 minutes or less. Once there, the team evaluates the situation, selects

a tape recorded message for the loudspeaker, and drops thousands of safe-conduct and *Chieu Hoi* leaflets.

Is the method effective? "Yes," said Sergeant Howard B. Patrick, a member of the 2nd Brigade's PSYOPS team. "*When we fly over and announce that they lost a specific number of men in a previous battle, address them by the supposedly secret designation for their unit, and warn them that they are going to get beaten again — it definitely undermines their morale.*"

The second member of the PSYOPS team, who comes from the 6th PSYOPS Battalion, is specialist Five Clarence V. Spawr.

He explained, "*We get up there over Charlie and either play a pre-recorded tape, which has been pre-tested by my unit's Propaganda Development Board, or get an interpreter to announce the message if we have no tape to cover the situation. Appeals made may be to the individual enemy's emotions, logic, or drive to survive. If we have discovered a large rice cache, we tell him we have taken his food and ask him what he*

## PSYOPS

(Continued from Page 46)

is going to do now. Since we know that their doctors and medical support are very poor, sometimes we tell him so and let him know that he could have the best medical care if he will Chieu Hoi.

"Another avenue of attack is through his love for his family. If the unit is VC or mixed with VC, we tell him that his family misses him and he can be reunited with them if he will rally. To the NVA we cannot offer repatriation immediately with their families — so we ask them if they want to die here, away from their families and the place of their birth. (In their religion it is important to be buried in the place where they were born.) Then we tell them that if they come over to our side we will treat them well and return them to their families when the war is over."

### Some ground fire

In an attempt to render the broadcasts inaudible, enemy leaders often fire at the helicopters with anything from a rifle to a .50-caliber machinegun. "We have taken some ground fire from them," said SGT Patrick, "and we have been hit by 50's before — but not very often."



A PSYOPS team from the 1st Cav Div prepares for takeoff on a leaflet-drop mission. An appeal to enemy troops to surrender will be broadcast over the loudspeakers (at left) while Chieu Hoi (free pass) tickets are dropped.



WO1 Merlin E. Mabry (left) and WO1 John W. Hinckley of Company C, 229th Aviation Battalion, pick up a loudspeaker assembly which they will mount in their bird for a Psychological Operations (PSYOPS) mission.

"Since we usually fly at over 1,000 feet (where we can best be heard) it is difficult for them to hit us in the air. At night we can fly up to 2,500 feet and still be heard. With the 1,000-watt speakers, at that altitude, it is heard at a normal conversational tone on the ground. Psychologically, the broadcasts are probably most effective at night. For one thing they can't tell where it's coming from."

### Effectiveness measured

"Determining effectiveness in terms of the number of Hoi Chanhs responding to each individual broadcast is probably the most difficult thing in our position. Usually the Hoi Chanh turns himself in to a field unit and we never see him."

"Sometimes we get the word that he has come over to the government's side because of a broadcast he heard on a certain date when he was in an area where we worked that day — but this doesn't happen very often," said SP5 Spawr.

"The way we find out how well it works is by the total number of Hoi Chanhs that come in. Last year, there were over 30,000 and this year will probably end with an even higher number because now we are hitting him when he is most vulnerable — when he is right in the middle of battle."



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## AAAA **Scholarship** Foundation

# Time for Change

By BG (Ret.) Thomas J. Konitzer

As my tenure as President of the AAAA Scholarship Foundation Incorporated (SFI) comes to a close, I want to express my gratitude to the SFI Executive Board (Lou Bonham, Mike Flowers, Karen Lloyd, Shelley Yarborough, Greg Gass, Mike Freeman, and Harry Bendorf who replaced Buzz Lach after serving SFI for 30 years), the Board of Governors, Sue Stokes' AAAA Support to SFI, and most importantly to all of you who have made financial contributions to Keep Dreams Alive.

As a result of your generosity we awarded \$503,500.00 to 310 applicants (46% Freshmen, 47% Upperclassmen, and 7% Graduate) in 2018. We are very mindful of our responsibility to be good stewards of your hard-earned dollars and meet regularly with our financial consultant to ensure we are well positioned to keep growing. It is important to know that 100% of all donations goes directly to scholarships because the separate IRS 501(c)(4) membership corporation, the Army Aviation Association of America, (AAAA), pays for all operating expenses of the SFI except for investment management brokerage fees.

A good portion of our scholarships are resourced from Perpetual Matching Fund participation. Many are memorializations in honor of someone; some are named for corporations; some are Chapter endowments; and some are dedicated to Heritage organizations. They are all guaranteed to provide a specified amount in perpetuity (forever). Every \$30,000 invested will generate a \$1,000 scholarship every year. I encourage you to consider creating a Matching Fund Scholarship in one of the categories of Individual, Corporate, Heritage, or Chapter.

The window for Scholarship Applications will close on 1 May, be mindful that the number of applicants grows each year and as always, we base the value of submissions on merit. We initiated a fully electronic voting system two years ago that is better than a few meetings face-

to-face for a couple days as we did in the past. Electronic voting opens the aperture for more eyes on target, although we still fell short of the 170 required for 2018. The voter demographic draws from the SFI Board of Governors, AAAA National Executive Board, Awards Committee, Chapters, Vietnam Helicopter Pilots Association (VHPA), Members, and Spouses. We are very sensitive to any voter conflicts of interest and manage files so voters do not view someone they know. Sue Stokes will be sending out notices to solicit volunteers to establish our voting pool for the July timeframe. Please share your time and talent for a very worthwhile cause. You will receive about 50 files with instructions and have up to 2 weeks to complete the process.

The SFI Strategic Planning Committee continues to look at how to streamline the evaluation process with fewer voters, as well as how to improve the selection process with relevant application content and insuring we have a thought-provoking essay topic each year. They are also studying how to make scholarship awards in May, prior to most High School graduations rather than the current August / September timeframe.

The Fundraising Committee has established an annual goal of \$1M and is pioneering initiatives, such as, grant writing, appealing to corporations, seeking new Heritage organization participation, and reaching out to Scholarship Alumni to achieve that goal. Tennessee



AAAASFI President BG (Ret.) Tom Konitzer addresses luncheon attendees during the 2018 Army Aviation Mission Solutions Summit.

law prohibits operating games of chance (Raffles), which is unfortunate, as we had to eliminate this fundraising initiative at the AAAA Summit in Nashville. The Marketing & Publicity Committee works together with Fundraising and has developed requisite materials to tell the AAAA SFI story and to raise awareness of the goodness the Foundation provides to our Army Aviation Community. The Committee has also developed several forms of recognition for our Corporate and Individual donors at the AAAA Forum.

There are several on-line evaluators of charities which provide ratings for not-for-profit 501(c)(3) organizations. SFI is listed on GuideStar Charity Check and we are in the process of applying to others.

As Past President, I will Chair the Nominations Committee for the next two years. SFI is comprised of an all-volunteer force that makes things happen. Let us know if you are interested and willing to share your time, talent, and a little bit of treasure to jump on a moving train.

Please welcome our new leadership Team – Lou Bonham, President, Mike Flowers, Vice President, Karen Lloyd, Secretary and Shelley Yarborough as Treasurer. They will be driving the train to make SFI bigger and better in order to better serve our Army Aviation Soldiers and Families.

---

BG (Ret.) Thomas J. Konitzer  
*President,*  
*AAAA Scholarship Foundation, Inc.*





# Thank You to Our Scholarship Fund Donors



AAAA recognizes the generosity of the following individuals, chapters and organizations that have donated to the Scholarship Foundation from July through March 31, 2019. The list includes donations received for all scholarships, as well as the General Fund which provides funding to enable the chapter, corporate, heritage and individual matching fund programs as well as national grants and loans. Donors marked with an \* are partially or totally donating to the newly established Families of the Fallen Scholarship. Every penny donated to the Scholarship Foundation goes directly to a grant or loan as a result of the Army Aviation Association of America subsidizing ALL administrative costs!

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For more information about the Foundation or to make a contribution, go online to [www.quad-a.org](http://www.quad-a.org); contributions can also be mailed to AAAA Scholarship Foundation, Inc., 593 Main Street, Monroe, CT 06468-2806.



# AAAA

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## AAAA Chapter Affairs By LTC (Ret.) Jan Drabczuk

*I appreciate the support from COL (Ret.) Hawk Ruth, Air Assault Chapter President and COL (Ret.) Steve Smith, Senior VP for authoring and sharing this information with our membership.*



*Chapter members pause for a photo at a membership meeting.*

CHAPTER COURTESY PHOTO



# The Air Assault Chapter

In 2015, the Fort Campbell aviation brigade commanders elected to turn the chapter leadership over to local retired officers and NCOs to provide more stability.

Since that time, under the leadership of chapter president, COL (Ret.) Hawk Ruth, the chapter has grown from approximately 500, to more than 700 members and has increased its outreach to the local community, the Army National Guard, and the U.S. Army Reserves. Hawk's team is rounded out by COL (Ret.) Steve Smith (Senior VP), CW5 (Ret.) George Arzente (Secretary), CW5 (Ret.) Robert Huffman (Treasurer), Ms. Tami Taliento (Aviation Industry Advisor), and SFC Andrew McClure (Senior Enlisted Advisor).

The AAAA Air Assault Chapter includes active duty Soldiers from the 101st Combat Aviation Brigade and the 160th Special Operations Aviation Regiment (SOAR), retired Aviation Soldiers and local civilians. The Air Assault Chapter welcomes current, former, and retired aviation soldiers, aviation support personnel, and all others interested in Army Aviation to become members. The chapter provides AAAA scholarship funds, reduces costs for younger soldiers to attend events with their families and provides recognition awards for Aviation Soldiers, aviation support personnel and spouses.

### Chapter Activities

In order to increase its outreach, the Air Assault Chapter has executed a "battle rhythm" of chapter events. The chapter's regular meetings, normally held early and late in the year, use a social gathering to educate Soldiers about AAAA, what the organization does for Army Aviation, and the benefits of membership. The January 2018 Chapter meeting with over 100 attendees had the honor of hosting the 101st Assistant Division Commander-Operations as the guest speaker and saw the chapter grow by almost 20 members in one night. To prepare for the April Air Assault Chapter golf tournament, the chapter holds a local event during the late summer. This

past year the event was held on Ft. Campbell in August and the chapter partnered with the 160th SOAR, making it a huge success. Over 130 golfers participated, and the chapter added 200 new members during the event.

The biggest event of the year for the chapter is the Air Assault Chapter golf tournament held in conjunction with the AAAA Aviation Solutions Summit. The chapter starts the event by conducting a chapter reception the night before the tournament and then executes a morning and afternoon flight of 144 golfers each. The chapter reception is a relative who's who of Army Aviation with attendees ranging in the rank from Private to Four Star General and even State and Congressional Leadership. The chapter also uses the reception as a time to induct members into the Honorable Order of Saint Michael (OSM) and 2018 was no exception with presentations to COL Phil Ryan, CW5 (Ret.) Steve Combs, and Mr. Gary Adams. The local AAAA golf tournament raised \$40,000 to help fund 12 different scholarships and plans to put over \$30,000 towards an endowment to produce 1-2 additional scholarships for 2019 and beyond.

2019 has already started off to a great start for the Air Assault Chapter as it conducted a chapter meeting in January that had almost 80 attendees.

### Summary

The Air Assault Chapter is proud to represent our aviation soldiers, all of Ft. Campbell and the mid-state region. The chapter welcomes all current and new members that are stationed in the Ft. Campbell area. For more Air Assault Chapter information contact Hawk Ruth at [hawk@hawkruthgroup.com](mailto:hawk@hawkruthgroup.com) and George Arzente at [wings\\_level@outlook.com](mailto:wings_level@outlook.com).

Feel free to contact me if you need help for your chapter, Executive Board support, would like your chapter featured in the AAAA magazine or to obtain clarification of National procedures. I look forward to working with you supporting AAAA.

Air Assault and Night Stalkers Don't Quit!

LTC (Ret.) Jan S. Drabczuk  
AAAA VP for Chapter Affairs  
[jan.drabczuk@quad-a.org](mailto:jan.drabczuk@quad-a.org)

## AAAA Chapter News

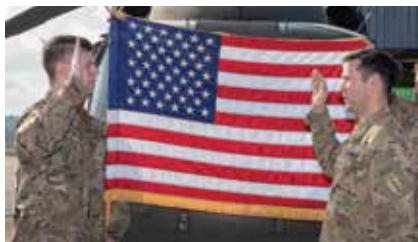
### Black Knight Chapter USMA Hangar Night



CHAPTER COURTESY PHOTO

Aviation staff, faculty, and cadets at West Point discussed the mission and roles of different Army aircraft, the role of Aviation Warrant Officers and NCOs, and Aviation Life Support Equipment at their annual hangar night on February 6th, 2019. Hangar night is conducted instead of post night for Aviation cadets and gives them the chance to learn from and socialize with the staff and faculty, in addition to getting to know each other before heading to Fort Rucker this summer.

### Follow Me Chapter – Keeping People in the Service



CHAPTER PHOTO BY DAVID HELMS

On February 5, 2019 at Lawson Army Airfield, Follow Me Chapter Treasurer, CW3 Norbert Hart (right), re-enlisted USAF SSgt. Andrew Philpott, 18th Air Support Operations Group for another four years of military service. Philpott is in a unique role at Fort Benning as part of an Air Force Team providing weather support to the Maneuver Center of Excellence to include the Airborne school. Hart is assigned as the Maintenance Test Pilot for the Raven Flight Company of the Ranger Training Battalion.

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#### Mohawk Chapter



CHAPTER PHOTO

Four Mohawk Chapter members were inducted into the Bronze Honorable Order of St. Michael and one into the Honorable Order of Our Lady of Loreto during a chapter

meeting and Holiday Party on January 25, 2019 at the Rivers Casino in Schenectady, NY. Chapter president, LTC Paul M. Bailie, inducted the following individuals for their long standing, dedicated support to Army Aviation: (from left to right) Bailie, **MAJ (Ret.) Michael Audette**, 27-year career; **SGM (Ret.) Anthony Malizia**, 39-year career; **MSG (Ret.) Edward Laboda**, 34-year career; and **SSG (Ret.) Vincent D'Arrigo**, 42-year career. Bailie also inducted **Cathy Andrian**, pictured below with her son, CW2 Kevin Swint, for her dedication and support of aviation Soldiers and families.



### Tennessee Valley Chapter



CHAPTER PHOTO BY SHANNON KERRPATRICK

COL Tal Sheppard, project manager for the Apache Project Office, inducts **Mr. David**

**Parker** into the Bronze Honorable Order of St. Michael during a Feb. 7 ceremony at Redstone Arsenal, AL. Parker was recognized for his support to Army Aviation for over 40 years, culminating with his accomplishments as the Communications Integrated Product Team Lead, PM Apache Technical Division.



CHAPTER PHOTO BY SHANNON KERRPATRICK

**Mr. Richard Tyler**, deputy project manager for the Apache Project Office, was inducted into the Bronze Honorable Order of St. Michael by Project Manager, Colonel Tal Sheppard, and chapter president Mr. Gary Nennering, during a farewell ceremony on Jan. 31, 2019 at Redstone Arsenal, AL. Tyler was recognized for his significant impacts on Army Aviation while serving as the deputy project manager for 11 years. He now holds the position of assistant program executive officer for Acquisition Systems Management (ASM) at the Program Executive Office.

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# AAAA Membership Update

By CW4 Becki Chambers

## The Membership Corner

Wow! I can't believe it's already time for the summit! It seems like just yesterday we were closing one of the best events we have had in Nashville, TN. So much has happened over the past year in regards to Membership.

All organizations experienced a sine wave of ups and downs in numbers, as luck would have it, our up-turn started early last year and has only continued its upward trend. We are now at over 18,000 members!! Thank you to everyone that brought in a new member. I have full confidence that we will hit 20K by 20Summit.

We started this membership campaign in the fall and the first event we had for the kick-off was a referral contest in December. Everyone that referred a new member was entered into a drawing for an Amazon gift card. MAJ Christopher Lackey won the \$300 card, SSG Stephen L. Gifford, Jr. won \$150; and CW3 Steven J. Atencio won \$50. Congratulations to all three!! Watch for it in the fall as we will most likely run this campaign again.

Our next big membership drive that I am excited to announce is our "Spring Fever" Chapter Growth Contest! Our Chapters are currently divided into 4 categories: Super, Master, Senior, and AAAA. Whichever Chapter in each of the 4 categories that has the highest percentage of growth over the months of April, May, and June of 2019, will win \$500 worth of AAAA merchandise! What a great way to earn some swag for your chapter, more details to follow.

When talking to potential new members, be sure to highlight our new Member Deals benefits. Have you visited the page yourself? There are some great discounts available. Greg & I used the page to purchase show tickets on a recent trip to Las Vegas and saved considerably. I've also used it for rental car discounts. After signing into the AAAA webpage at [www.quad-a.org](http://www.quad-a.org), simply click on the *My Discounts* tab. Need to send a gift card? Save yourself the worry of if the gift card number has been compromised in the store. Simply click on the *Gift Card* tab and send it directly to the recipient via email.

One area we do need to increase growth is in our junior Soldiers. Are you mentoring the new Soldiers as to the importance of joining a professional organization? Are you explaining that a professional organization like AAAA can do things for them



*During the AAAA "Spring Fever" Chapter Growth Contest, whichever Chapter in each of the 4 categories that has the highest percentage of growth over the months of April, May, and June of 2019, will win \$500 worth of Quad A merchandise!*

like help them enhance their professional network, become a leader, build a better resume, make new friends, give back to the community (scholarships), have strength in numbers (legislative support), and stay inspired and motivated? Additionally, reading *ARMY AVIATION* magazine, and attending the Summit and the Forums can help them broaden their knowledge about what's happening in Army Aviation.

Another area that we need to police up is our Industry memberships. We have Industry Members that are not utilizing their available memberships, either 12 or 24. Why are these memberships going unfilled? They are paid for. Ask around your company and see if someone would like to take advantage of the membership opportunity. They might need a scholarship for someone in their family. Are you a smaller company? Why not offer the membership to family members? They might enjoy participating in local chapter events.

Do you have an idea to help increase membership? We would love to hear it. Please reach out to me or someone else on the membership committee. Active duty: Patrick Sullivan. National Guard: Dana Trakel, Brian Fields, John Maez. Reserves: Mike Gomez. Industry: Dave Cooper, Tracy Stapleton, Victoria McDermott; Spouses: Lauren Sullivan, Lisa Wilson. As you can see, we do need additional representatives for Active Duty and Reserves. I would also like to add a category for Department of the Army Civilians. Please let us know if you are willing to serve. Also, please let us know of someone you believe should be highlighted in the Membership Corner.

CW4 Becki Chambers  
*AAAA Vice President for Membership*

**New AAAA Life Members**

CPT Kayla C. Benjamin  
 CW3 Jason Hickman  
 LTC Keye Perry  
 CW4 Travis Westfall  
 LTC Matthew S. Wolfe  
 1LT Derek Malnate  
 LTC Cornelius L. Allen Jr.  
 COL James T. Donovan  
 SSG Christopher Nelson  
 LTC Mike Stull

**New AAAA Members**

**Aloha Chapter**

WO1 Robert Manning

**Aviation Center Chapter**

WO1 Hal W. Holt

WO1 Mario J. Napodano

**Cedar Rapids Chapter**

COL Jamie J. Dailey

**Central Florida Chapter**

SPC Torres Jayson

**Colonial Virginia Chapter**

PFC Fatima L. Foote

SPC Taiyanah Scott

**Desert Oasis Chapter**

SFC Ernie Borja Muna

**Flint Hills Chapter**

CPT Justin P. Blizard

**Greater Atlanta Chapter**

WO1 Olivia N. Brown

**Griffin Chapter**

CW3 Thomas McNamara

SFC Michael Penn

**High Desert Chapter**

SSG Robert Taylor

**Idaho Snake River Chapter**

CPT Wes A. Worcester

**Jimmy Doolittle Chapter**

Eric Svendsen

**Lonestar Chapter**

Amn Tyler D. King

**Mid-Atlantic Chapter**

SGT Thomas Woolford

**Mount Rainier Chapter**

SGT Jack A. Brook

**North Star Chapter**

2LT Charles J. Hein

PV2 Eric O. Lundstrom

**Northern Lights Chapter**

SPC Alyna M. Higdon

**Pikes Peak Chapter**

SFC Nathaniel Garcia

WO1 Aziz F. Karim

CW2 Keith B. Radcliff Jr.

**Ragin' Cajun Chapter**

SGT Jason Moore

**Rio Grande Chapter**

PV2 Horacio Almenderiz

SPC Mark M. Andrade

PFC Andrew L. Atkinson

SPC Shaguille R. Benson

SPC Lorenzo D. Campbell

SPC Lorenzo D. Campbell

CPT Tyler K. Carson

PFC Garnett L. Castanello

WO1 Andy N. Castro

SGT Marcus Charfaures

SPC Anthony R. Christle  
 SPC Michael Colello  
 SGT Cory A. Copeland  
 PFC Johnny Correa-Vargas  
 SMA Tony C. Crane  
 SGT Antwamil J. Cullars  
 SPC D. M. Davis  
 PFC Sual S. Davis  
 CW3 Randell S. Dewitt  
 SPC Jonathan Donoso  
 1LT Natalia M. Drew  
 PFC Caleb I. Dugas  
 1LT Danielle L. Faylor  
 CPL Andrew M. Fish  
 PFC Darren T. Ford  
 CW2 Salvador I. Gaets  
 CW2 Salvador I. Gaetz  
 SSG Crystal D. Gallop  
 SPC Skylar A. Hansgar  
 SPC Otilia G.H. Harris  
 SGT Charles C. Hayworth  
 PV2 Joshua M. Hernandez  
 PV2 Erik M. Hernandez  
 PFC Kristin M. Herold  
 SFC Dalton R. Hinton  
 PFC Demontye K. Hudgins  
 SPC Dakota L. Humphrey  
 CW3 Philip A. Iniguez  
 CW3 Jonathon G. Jervis  
 SFC Kristi L. Kennedy  
 SGT Jacob Kipyego  
 SGT James Kipyego  
 CW4 Khristian A. Kitselman  
 CPT Nick T. Kopccka  
 SFC Kennedy Kristi  
 SPC Harley J. Kuehl  
 SPC Lamont D. Lamb  
 1LT Adam E. Leavitt  
 PV2 Casey L. Lewis  
 PFC Gabriel R. Luna  
 PFC Dkang R. McLaughlin  
 SPC Kristian A. Milke  
 PFC Odane L. Mitchell  
 1LT Sean D. Mogan  
 SPC Jean G. Mondesir  
 SPC Xavior D. Navinlad Stepp  
 PFC Joseph I. Perez  
 CW2 Robert C. Pezzi  
 SPC Layne A. Pitre  
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 SGT Manuel S. Quisol  
 PFC Damien N. Reyes  
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 SFC Daniel M. Vickers  
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**Rising Sun Chapter**  
 SSG Jose Giron


SPC Kori L. Ham  
**ShowMe Chapter**  
 SFC Erica Milligan  
 SSG Herschel Lee Whited III  
**Sinai Chapter**  
 SGT Isaac Abanda  
 SGT Shawn Bourke  
 CPT Laura Chachula  
 SGT Daniel O. Diaz  
 SFC Sterling McBride  
 SGT Ryan Meehan  
 SPC Jonathan Sutphin  
**Utah Chapter**  
 CW3 Jon P. Creager  
 WO1 Jacob D. Shumway  
**Wright Brothers Chapter**  
 Matthew Reuter

**Lost Members**

Help AAAA locate a lost member on this list and receive a FREE one month extension to your AAAA membership.

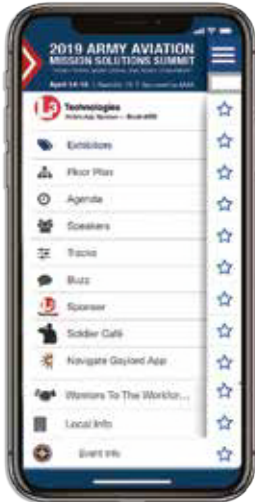
CPT Robert Boham  
 Harold Bowie  
 MAJ James Bruckart  
 E. Cavanaugh  
 LTC Richard Cercone  
 LTC Tzu-Shan Chang  
 MAJ Harry Connors  
 Cynthia Crutchfield  
 Bruno Cussigh  
 SGT Travis Darnell  
 2LT Arthur Galloway  
 Michael Glass  
 MAJ Gregory Glover  
 LTC William Goforth  
 COL Gerhard Granz  
 COL Jose Hinojosa  
 CW4 Delbert Jackson  
 MAJ Gregory Jenkins  
 MAJ David Jobe  
 SPC Robert Knerl  
 LTC Peter Kowal  
 Beth Kramer  
 CW3 Vladimir Kultschizky  
 CW3 Timothy Larz  
 MSG David Little  
 SPC Pablo Lopez  
 CPL Williams Marquez  
 SFC Jim Moore  
 Fred Newcomb  
 SFC Henry Rathbone  
 SPC Cameron Rumbold  
 LTC Martin Scheld  
 Thomas Schiltz  
 LTC Jerry Scott  
 SPC Jeremy Sharkey  
 SPC Shelton Shia  
 SGT Nishi Shogo  
 Brian Skiltow  
 MAJ James Speelman  
 LTC Friedrich Stern  
 WO1 Armando Torres  
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 SPC Mark Villaluzo  
 MAJ L.D. Walker  
 Rose Weast  
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## AAAA Family Forum By Judy Konitzer

*I am delighted to share the thoughts of military spouses who value the importance of mentorship relationships. Judy*

# Mentorship: A Valuable Tool For Army Spouses

By MaryLou Royar

In the corporate world, we often hear how important it is for business professionals to have a mentor.

Mentoring is also an important component of Army leadership and is mandated by Army Regulation (AR 600-100, para. 1-9(f)). Not only do green suiters benefit from the mentor-mentee relationship, but spouses of service members can benefit from mentorship as well. Mentorship in the military spouse realm has existed informally, and I personally have learned the ropes about Army spousal responsibilities from several military spouse mentors over the years. This article will discuss some new mentorship programs for military spouses, as well as informal ways to provide mentorship to all military spouses.

### Military Spouse Advocacy Network (MSAN)

For new military spouses in need of a mentor, one resource is the MSAN, a nonprofit organization [www.militaryspouse-advocacynetwork.org](http://www.militaryspouse-advocacynetwork.org). Founded by Air Force spouse Verenice Castillo in 2013, the MSAN was established to connect new military spouses with mentor spouses with similar interests and branches of service. In 2011, Verenice served as a key spouse mentor and was instrumental in establishing spouse mentorship programs at the Air Force installation level. After being named Air Force Spouse of the Year by Military Spouse Magazine in 2013, Verenice saw the need to expand the reach of spouse mentorship and thus, the MSAN was created.

Currently the MSAN has close to 400 new spouses assigned to mentors from all branches of service, the National Guard, and the Reserves. Once a spouse is enrolled in the MSAN's Peer-To-Peer Mentorship Support Program, he or she will be paired up with the same mentor, who will stay with them throughout the process. Also, the MSAN recently launched the Mentoring and Resource Center, a virtual space where new spouses can find educational and supportive resources to help them transition from civilian to military lifestyle. If you are a new military spouse or a spouse who would benefit from guidance from a military spouse mentor, the MSAN would be a great place to start. If you are interested in becoming a mentor with MSAN use the "Contact" link then "Join Us" and choose "Become a Mentor".

Not just for new military spouses, mentorship can benefit military spouses at all levels of experience. At the general officer level, Melissa Helmick, spouse of LTG (Ret.) Frank Helmick, started the General Office Spouse Mentorship Program in 2016. This program pairs up spouses of current and retired GOs to receive advice and support on a one-to-one basis.



*160th SOAR STRONG committee members gathered on a Saturday to define the pillars for STRONG. From left to right: Katie Clemmons, Lisa Wilson, Faith Willis, Dinah Campbell and Suzanne Logue.*

Monthly emails are also sent out that address a variety of issues, such as protocol, gift giving, and coordinating calendars.

### RISE

In the special operations community, 5th Special Forces Group at Fort Campbell, KY recently established a spouse mentorship program known as RISE (Relationships, Information, Support and Empowerment) of the Legion. The goal of RISE is to provide information and opportunities to 5th Group spouses through mentor relationships that take into consideration the special operations lifestyle. A committee of representatives from each battalion decides what topics will be discussed at upcoming RISE events. So far, RISE held a "Life in the Legion" event and has planned an upcoming event on stress management.

### STRONG

Also in the aviation community, the 160th Special Operations Aviation Regiment (Airborne) (SOAR) at Fort Campbell, KY is starting a mentorship program for its spouses known as STRONG (Serve, Teach, Relationships, Opportunity, Network, Growth). Different from an FRG, the STRONG program is not tied to the chain of command or rank and provides spouses with more individualized development and networking capabilities. STRONG is already off to a good start – about 50 160th SOAR spouses recently attended an ice cream social that launched the STRONG program.

Even without a formal program, spouse mentorship can still take place at the installation. Here at Fort Campbell, the spouse of the deputy commanding general-operations and I meet once a quarter with the brigade command spouses to hold informal "mentor meetings." Usually over lunch or coffee, it is a designated time to discuss issues unique to brigade command. Recently, the spouse of a brigade commander who



just left command gave excellent lessons learned from her time in that role.

The same type of mentorship gatherings can be held between brigade and battalion level spouses or between battalion and company level spouses. There doesn't even need to be a "meeting" per se, just a willingness of senior spouses to answer questions posed by newer or junior military spouses. No matter what form, military spouses will be better equipped to face any challenges if they are involved in a mentorship relationship. Mentorship has been, is, and will continue to be an important part of Army culture.

*Special thanks to Verence Castillo, Melissa Helmick, Sandy Brennan, (101 ABN DIV), Cher Powers (5th Special Forces Group), and Karen Harper (160th SOAR) for their assistance in the preparation of this article.*

*MaryLou Royar is the spouse of BG K. Todd Royar, Deputy Commanding General-Support, 101st Airborne Division (Air Assault), Fort Campbell, KY;*

*Judy Konitzer is the family forum editor for ARMY AVIATION; questions and suggestions can be directed to her at judy@quad-a.org.*

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## In Memoriam



AAAF FILE PHOTO

### Colonel Colin D. "Doug" Ciley, U.S. Army Retired

It is with great sadness that AAAA announces the passing of COL Doug Ciley, a member of the Army Aviation Association of America's "The Originals," otherwise known as the Cub Club, on December 21st in Niceville, FL. He was 91. Commissioned as a 2LT in 1946, he served a tour with the 1st Cavalry Division in Japan, until being reassigned to Fort Sill, OK in 1951 to become one of the first Army Aviators. He would serve in two conflicts as a pilot, amassing over 1,000 hours of combat flight time, being shot down, losing landing gear and even being wounded in ground combat in Korea. In 1966 he volunteered for duty in the Republic of Vietnam, where he spent two years. In 1972 he took command of the Troop Command, U.S. Army Pacific, in Hawaii, a command with over 16,000 personnel stretching from Hawaii to Okinawa, Japan.

He was asked to remain on active duty in 1975 with almost 30 years of service, to help develop and modernize synthetic flight simulators, where he was primarily responsible for computer-generated graphics which are in some of the Army simulators in use today. His awards included two Legions of Merit, the Distinguished Flying Cross, Bronze star with "V" device for valor, the Purple Heart, the Vietnamese Cross of Gallantry and the Knights Cross of the Korean Order of Military Merit. He was an Aviation pioneer and officer whose contribution to Army Aviation cannot be overstated.

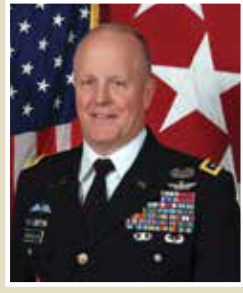
He will be interred with full military honors at a future date in Arlington National Cemetery.

May he rest in peace.



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- COL Jeffrey N. Williams, Ret.**
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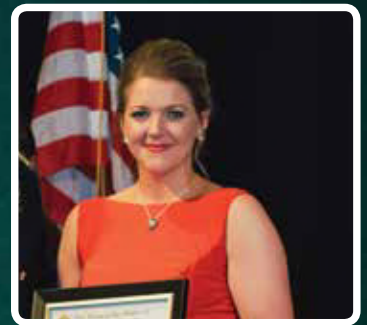
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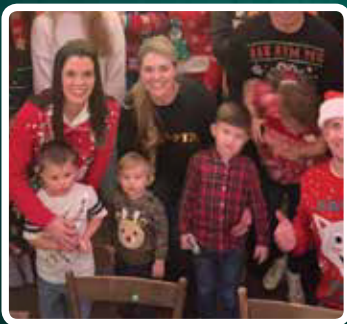
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# AAAA Legislative Report

By LTC Kevin Cochie, Retired  
AAAA Representative to the Military Coalition (TMC)  
[kevin.cochie@quad-a.org](mailto:kevin.cochie@quad-a.org)

## A Budget For A Better America

Well, it's out, the FY20 Defense Budget hit the streets in early March and in short, it's big, and in reality, it's going to change! The budget request was passed to Congress and was immediately met with skepticism by Democrats and Republicans. We mentioned a key point in last month's article that is germane to understanding the FY20 budget request. The FY20 budget is subject to the Budget Control Act (BCA) spending caps set in 2012 which means that, by law, defense spending cannot exceed \$575B and without bi-partisan legislation to rescind this law, the only way for the Administration to attain defense dollars above the budget cap is to attain support for additional dollars in the form of Overseas Contingency Funding (OCO) that is not subject to the BCA caps. The enormous OCO request is effectively an end around to circumvent the BCA budget caps and will not bode well with House Democrats as they move through their markup period that leads to FY20 Authorizations and Appropriations Bills.

## Top Level View

I've always stated that we hate to throw out a bunch of numbers in this article so we will keep that to a minimum here. When you watch

the news or find yourself completely bored and reading political blogs, it is important to understand the difference between National Security funding and Defense Budget funding. These two terms frequently get mixed up which can cause confusion. The top line "National Security" funding number, which in the FY20 budget request totals approximately \$750B, includes the Defense Budget (i.e., DoD) as well as funding that is not part of the DoD. The FY20 DoD budget request totals \$718B which breaks down into \$545B in base funding, a whopping \$164B in OCO funding, and then a new type of money called Emergency Response funding which is requested at \$9B. We focus on \$718B, the total for DoD that ultimately gets parsed down to the Army and then into Army Aviation budget lines.

## Will The Budget Fly?

Will the FY20 budget request pass muster with law makers? Not a chance and here is why. The FY20 request follows three straight fiscal years of robust defense spending aimed at repairing military readiness, plugging the gaps, and investing in lethality technology. Now the DoD wants to shift to modernization and investing in the future, so another year of generous funding is required to do so. The request for such

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generous funding flies flagrantly in the face of the 2012 Budget Control Act. Additionally, now that the House of Representatives is controlled by the Democrats, each political party's top agendas must be taken into consideration and it's clear that the DoD budget request will not fly with House Democrats because as we've seen in recent years, as compared to Republicans, Democrats have sought significantly larger funding for social programs. The overall FY20 budget request contains a huge defense request that is offset by a cut in domestic social spending of over \$550B which will undoubtedly not sit well with House Democrats. In recent weeks Republican members of the House Armed Services Committee have made public comments that the DoD Budget will require significant negotiation between the Democratic controlled House and Republican controlled Senate.

**Can Compromise Happen?**

I pride myself on being a "glass is half full" type of person, but I'm not very optimistic on peace breaking out on Capitol Hill in 2019. Not only has this budget request fundamentally offended the Democratic party, it also includes the \$9B in emergency funding that happens to be embedded in Army budget lines. This \$9B coincidentally aligns with the number that the Administration wants to fund the border wall in the interest of National Security. So, compromise breaking out on a budget that was released just weeks after the Administration's declaration of a National Emergency which was rebuked by both the House and Senate seems like a long shot regardless of how much optimism we maintain.

**What About Army Aviation?**

The issues with the FY20 budget request plague all areas of the DoD and industry counterparts. The biggest risk to our enterprise

is a Continuing Resolution situation in October. Lawmakers are in full campaign mode for 2020, so this may be the saving grace by which some compromise will occur on Capitol Hill, but this may not be enough to avoid a full year CR situation leading up to the election in 2020. As far as requests for Army Aviation specific funding, don't get wrapped around the axle on requests for modernization and legacy aircraft upgrades versus research and development for future platforms. The budget request was built a year ago and much has changed that will require adjustments during the Congressional markup process. Many of these changes will be made through the oversight committees at the request of the Army and DoD and some will be influenced by industry through parochial political influence. It would be beneficial for industry lobbyists, before storming Capitol Hill, to coordinate as closely as possible with our Army Aviation leaders such as BGs Francis, Rugan, and Todd to cross coordinate messaging that benefits the total Army Aviation enterprise.

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## Industry News *Announcements Related to Army Aviation Matters*

Editor's note: Companies can send their Army Aviation related news releases and information to editor@quad-a.org.

### SB>1 Defiant Makes First Flight



SIKORSKY-BOEING COURTESY PHOTO

The Sikorsky-Boeing SB>1 Defiant coaxial helicopter took off from a West Palm Beach, Florida, facility at 07:45 on March 21 for its first flight. The flight has been a long-time coming as the Sikorsky-Boeing team worked through delays for well over a year and a half related to manufacturing issues with the system's blades. The helicopter is part of the Army's Joint Multi-Role technology demonstration program aimed at helping the service define requirements for a medium-lift Future Vertical Lift aircraft. Bell's V-280 Valor tiltrotor is the other demonstrator participating in the JMR program and flew for the first time in December 2017.

### Arnold Defense Wins \$74.3M Rocket Launcher Contract



U.S. ARMY PHOTO BY VISUAL INFORMATION SPECIALIST PASCAL DEWALDRE

Arnold Defense was awarded a \$53.8 million contract for the delivery of 2.75-inch rocket launchers and sub components to support the U.S. Army, Navy and Air Force, along with foreign military sales to Australia. Recently announced by the U.S. Department of Defense, the contract includes options that, if exercised, will raise the cumulative total to \$74.3 million over a 4-year period,

with final delivery expected to be complete in 2023. The Arnold Defense contract is for the delivery of a number of their core products; the 7-tube M260 and 19-tube M261 Hydra-70 Rocket Launchers used by U.S. Army helicopters; the 7-tube LAU-68 & LAU-131 series and 19-tube LAU-61 & LAU-130 series used by the U.S. Navy and Air Force; and various launcher sub-components such as Intervalometers and Tube Assemblies.

**Contracts** – (From various sources. An “\*” by a company name indicates a small business contract)

**Lockheed Martin Corp., Orlando, FL,** was awarded a \$64,381,000 modification to contract W58RGZ-16-C-0008 for performance-based logistics; work will be performed in Orlando, with an estimated completion date of Dec. 31, 2019.

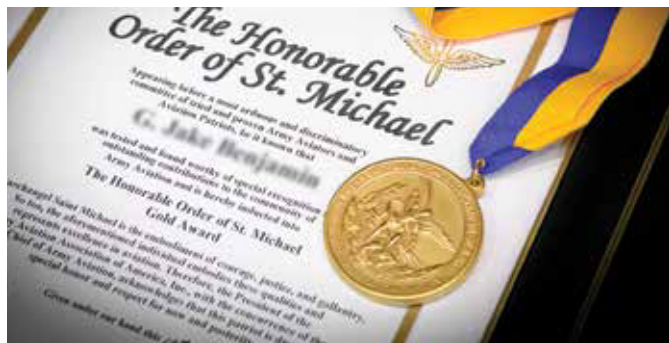
**Pinnacle Solutions Inc.,\* Huntsville, AL,** was awarded a \$553,200,000 cost-plus-fixed-fee contract for instruction, mission support, information technology network support, operations and logistics; work locations and funding will be determined with each order, with an estimated completion date of March 18, 2026.

**The Boeing Co., Ridley Park, PA,** was awarded a maximum \$39,038,317 cost-plus-fixed-fee modification for an existing cost-plus-fixed-fee contract (H92241-18-F-0022) for finalization of four new-build MH-47G rotary wing aircraft. This action is required to satisfy an urgent need to sustain U.S. Special Operations Forces (SOF) heavy assault, rotary wing aircraft in light of increased SOF operational demands; the majority of the work will be performed in Ridley Park; the funds are multi-year.

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# AAAA Awards



## Order of St. Michael Recipients

### Gold

CW4 Jimmy B. Johnston, Ret.  
MG Douglas M. Gabram

### Silver

CW4 Ernest J. "Nick" Nickles, Ret.  
John A. "Buzz" Lasch  
Walter F. Anschuetz Silver

### Bronze

CW4 Robert B. Hausler  
CW4 Phillip J. Pillittere  
CW4 Thad M. King  
CSM Michael Muller  
CW4 John Ulmer  
CPT Roger Willett  
Mr. Edward M. Ward  
MAJ John F. Wlasniewski  
MAJ Walter D. Thomas  
MAJ Brian L. Haas  
MAJ Alan R. Overmyer  
CW3 Matthew S. Hicklin  
CPT Adam C. Scott  
SFC David J. Kelley  
CW3 Bronson Hamby  
CW4 Fernando Marta Jr.  
CW3 John L. Taylor  
CW4 Lawrence M. Becker  
CW4 Curtis D. Foster  
CW4 Jonathan Harris  
CW5 William E. Goodwin

CW5 Edward Byus  
MAJ Aaron L. Kearney  
SFC Richard E. LaCombe  
SSG Andrew Bonhamlovett  
1SG Rosendo Henriquez  
CW4 Daniel R. Prock  
LTC Carl Ott  
John Boehmer  
CW4 Heath E. Cherneski  
W. Daniel "Danny" Featherston  
LTC Wade A. Johnson  
1SG Clarence P. Davis  
COL Brett D. Criqui  
1SG Christopher L. Brown  
SFC Christopher A. Grant  
SFC Robert A. Price Jr.  
CW4 Randolph B. Ayers  
CW3 Abu Kuyateh  
1SG Angela S. Aker  
CW4 Elmer H. Bayer  
CPT Blair Todd Anthony  
CPT Justin M. Kemp



## Our Lady of Loreto Recipients

Deborah Murray  
Christina Lee

## In Memoriam

Emory A. Eason III



# At AAAA

## We Recognize Excellence



## AAAA Functional Awards

### Suspense: July 1

- AMSO Award    ■ ASE Award
- Avionics Award
- Donald F. Luce Depot Maintenance Artisan Award

### Suspense: August 1

- Logistics Unit of the Year Award
- Materiel Readiness Award for a Contribution by a Small Business or Organization
- Materiel Readiness Award for a Contribution by an Individual Member of Industry
- Materiel Readiness Award for a Contribution by a Major Contractor
- Materiel Readiness Award for a Contribution by an Industry Team, Group, or Special Unit
- UAS Soldier of the Year
- UAS Unit of the Year
- Fixed Wing Unit of the Year

### Suspense: September 1

- Air/Sea Rescue    ■ ATC Facility of the Year
- ATC Unit of the Year    ■ ATC Technician of the Year
- ATC Controller of the Year    ■ ATC Manager of the Year
- DUSTOFF Medic of the Year    ■ Medicine Award
- Trainer of the Year

## AAAA Hall of Fame Inductions

### Suspense: June 1

## Send in Your Nominations Today!

Nomination forms for all of the AAAA Awards are available on our website:

**quad-a.org.**

Any questions? Call 203 268-2450.

## UPCOMING EVENTS

### June 2019

May 28-June 1 VHPA 36th Reunion, Kansas City, MO  
June 1 Submission Deadline – Hall of Fame Nominations / Scholarship Application Supporting Documents

### July 2019

July 1 Submission Deadline – ASE, AMSO, Avionics, and Donald F. Luce Depot Maintenance Artisan Awards  
July 14 AAAA Scholarship Foundation Executive Committee Meeting (Virtual)  
July 20 Blue Book Updates Submission Deadline  
July 22-28 EAA AirVenture, Oshkosh, WI



## People On The Move

### Changes of Command/Responsibility Dragon Masters Welcome Buck



U.S. ARMY PHOTO BY WAI WILLIAM CHERWAR

LTC Barry Simmons, outgoing commander of the 1st Battalion, 171st Aviation Regiment relinquishes the battalion colors to COL Jason Fryman, commander of the Marietta, Georgia-based 78th Aviation Troop Command as incoming commander, LTC Christopher Clay (left), stands by to receive the colors during a ceremony at the Clay National Guard Center Feb. 9, 2019. Battalion CSM Richard Sparks holds fast to receive the colors following the change. Simmons has commanded the Dragon Masters of the 171st since June 2017 and mobilized Soldiers and aircraft of the 171st to the country of Georgia in Eurasia for Noble Partner in 2018.

### Transfer of Authority 4TH CAB Transfers Authority to 1ST ID CAB



U.S. ARMY PHOTO BY SGT PATRICK LIBREY

COL Chris Black, commander, CSM Scott Nutter, and CW5 Matthew Fitter, brigade chief warrant officer of 1st Combat Aviation Brigade, 1st Infantry Division, uncased the brigade colors during a transfer of authority ceremony Feb. 21, 2019 at Illesheim Army Airfield, Germany. Also visible in the background are COL W. Scott Gallaway, brigade commander, CSM Marty H. Book and CW5 Jimmie Brooks, brigade chief warrant officer of 4th Combat Aviation Brigade, 4th Infantry Division casing the 4th CAB colors as they wrap up the third rotation of a U.S. aviation brigade presence in Europe supporting Atlantic Resolve.

### ADVANCED INDIVIDUAL TRAINING (AIT) GRADUATIONS

AAAA congratulates the following Army graduates of the indicated Advanced Individual Training (AIT) courses at the 128th Aviation Brigade, Joint Base Langley-Eustis, VA and the U.S. Army Aviation Center of Excellence, Ft. Rucker, AL.

#### AH-64 Attack Helicopter Repairer (15R) Class 001-19

- PV2 Adam Sean Alvarez
- PV2 Danielle Kylie Helms
- PFC Taekbeom Lee
- PV2 Preston Parker Lewis
- PV2 Zack Robert McGehee
- PV2 Peyton Edward Peak
- PV2 Jasmine Marie Rivera
- SPC James Peter Salamone
- PV2 Mikel Loren Waldrop
- PV2 Eald Deangelo Walker Jr.
- SPC Rory Teancum Brett Wood

#### CH-47 Medium Helicopter Repairer (15U) Class 035-18

- PV2 Wyatt Todd Alleshouse - DG

- PV2 Abigail Maxine Capizzi
- PV2 Taylor Chanhoo Choi
- PFC Yorick Jorge Gonzalez
- PV2 Justin Aaron Gray
- PV2 William Kaleb Harris
- PV2 Daniel Lawrence Hoffman
- PFC Christian Matthew Jones
- PV2 Lucas Scott Mendez
- PV2 Kyle Vincent Tuplano
- PFC Matthew Edward Varner

#### Class 036-18

- PV2 Joseph Teancum Lafferre
- PV2 Charlie Michael Mitts
- PFC Jessie Napu Navarro
- PV2 Nicholas Taylor Poole
- PV2 Elias Jose Reyes
- PV2 Blake William Schwartz
- PFC Peyton Wayne Simpson
- PV2 Charles Robert Sisino
- PV2 Jaylin M. Taylorgonzalez
- PV2 Lawrence Paul Thomas

#### Class 501-19

- PV2 Kaleb G. Stapelmann - DG
- PV2 Keiandre Dequan Bean
- PV2 Michael Anthony Brown
- PFC Gelson Jose De Jesus Sr
- PV2 Michael Allen Edgar
- PVT Sebastian Jamil
- PV2 Garret William Larson
- PV2 Matthew James Scharf
- PV2 Kevin David Schoepner Jr.
- PV2 Alexander J. Seargent
- PV2 Abigail Maxine Capizzi

#### UH-60 Helicopter Repairer (15T)

- Class 086-18
- PV2 Michael Garret Hayden\* - DG
- SPC Joshua James Brien
- PV2 Lane Evan Brooking
- PV2 Jesse Michael Campbell
- PV2 Benjamin Michael Hale
- PVT Seth Andrew Howse
- PV2 William Cole Inman
- PV2 Jenae Rae Jordan
- SPC Tendai Mangurenje
- PVT Sarah Colleen McFarland
- SPC David Shawn Mergist
- PV2 Alexander Cheyenn Sinclair

#### Class 087-18

- PV2 Angel Gabriel Moreno - DG
- PV2 Edward William Lepape
- PV2 Lloyd Nathaniel Nicholson
- PV2 Hunter Wayne Nines
- PV2 Nathan Charles Painter
- PV2 Christopher Ian Rodriguez
- PV2 James Michael Rydalch
- PV2 Teagan Gary Schmock
- PV2 Thomas Dalton Tolbert
- PV2 Benjamin Albert Zepp
- PV2 Bailey Cole Sawyer

#### Class 528-18

- PV2 Matthew Rees Camp\* - DG
- PV2 Mason James Adamson
- PV2 Damien Keanu Alvarado
- PV2 Benjamin Oliver Amend
- PV2 Jacob David Atkinson
- PV2 Travis Michael Baker

- PV2 Cordelle Gordon Banach
- PV2 Damien Cain Belmares
- PV2 Jonathan Don Bernstien
- PV2 Jacob Dylan Boston
- SPC Fredrick John Butt III
- PV2 Tdetrus - Lawayne Carter II

#### Class 001-19

- SPC Kurt Paul Becker
- PV2 Andres Chavez
- PV2 Jackson Charles Clark
- PVT Marshall Addison Cole
- SGT Diego Alejandro Franco
- PV2 Rose Elizabeth Kennedy
- SPC Michael James Larson
- SGT Timothy Ryan Larson
- SPC Richard John J. Marasigan
- SPC Christopher Lee Metzger
- SGT Jacob Eugene Trotter

#### Class 002-19

- PV2 Eric Oscar Lundstrom\* - DG
- PVT Jarod Benedict Cooley
- PFC Marshall Allen Cox
- PV2 Manuel Alexander Cuevas
- PV2 Noah Barrows Goddard
- PFC Cameron Edward Graham
- PV2 John Elden Lund
- PFC Coby Tien Rodrigues
- PV2 James Joseph Thoma Jr.
- PV2 Taylor Mitchell Vap
- PFC Jordan Alexander Wells
- PV2 Samuel Joseph Woolever

#### Class 003-19

- A1C Cody Briscoe Earley
- A1C Trevor Bryant Fox

- A1C Eduardo Joel Gutierrez
- AMN Tyler Dean King - DG
- A1C Luke Oliver Kohout
- A1C Mason Dane Lynch
- A1C Michael McGlinchey
- AMN Austin Timofeyevich Toby
- A1C Samuel David Willis

#### Class 004-19

- PV2 Lakota Jaque Charles\* - DG
- PV2 Luis Enrique Diaz
- PV2 Erik Daniel Flores
- PV2 Wyatt Brandon Garber
- PV2 Griffin John Gloden
- PV2 Julian Eduardo Gomez
- PV2 Aaron John Gordon
- PV2 James Charles Halsell
- PV2 Ian Robert Hammont
- PV2 Joshua Philip Hiatt
- PV2 Allen Benjamin Hise
- PV2 Tommy Zachary Holmes

#### Class 005-19

- PV2 Dylan R. Manzanares - DG
- SGT Jing-Ru Chiou
- PV2 Walter Marquez Huerta Jr.
- PV2 Shelby Royce Hunter Ingram
- PV2 Christopher Daniel Jinar
- PV2 Johnathon Robert Sellers
- PV2 Jessica Leigh Simon
- PV2 Emma Love Vernon

Continued on page 120

# People On The Move

## Flight School Graduates

AAAA provides standard aviator wings to all graduates and sterling silver aviator wings to the distinguished graduates of each flight class ... another example of AAAA's **SUPPORT** for the U.S. Army Aviation Soldier and Family.



AAAA congratulates the following officers graduating from Flight School XXI at the U.S. Army Aviation Center of Excellence, Fort Rucker, AL.

### 35 Officers, February 28

#### Commissioned Officers

- 2LT Holman, Thomas R. – DG
- 2LT Carlton, Isaiah W. – HG
- 1LT Endres, Taylor K. – HG
- 2LT Butcher, Joseph W.
- 1LT Callison, Thomas I.
- CPT Clark, Michael W.
- 1LT Daley, Luke D.
- 2LT Derrick, Charles M.
- 1LT Fischl, Richard G.
- 1LT Habibi, Abdul Raouf
- 1LT Heide, Dennis A.
- 2LT Hruschak, Nicholas A.
- 2LT Long, William W.
- 2LT Martin, Wendy A.
- 2LT Rood, James D.
- CPT Stokes, Erin A.
- 1LT Tschirhart, Ryan L.
- 2LT Zengel, Samuel M.



IERW February 28

ALL PHOTOS: U.S. ARMY PHOTO, FORT RUCKER/BC/CA/PARS

#### Warrant Officers

- WO1 Chan, Jonathan K. – DG
- WO1 Garcia, Bryan E. – HG
- WO1 Wisley, Kyle C. – HG
- WO1 Biro, William K.
- WO1 Canion, Christopher C.

- WO1 Guynes, Parker N.
- WO1 Holen, Derek A.
- WO1 Jolly, Zachariah D.
- WO1 Kuykendall, John T.
- WO1 Long, Dustin W.
- WO1 Melton, William D.

- WO1 Newhouser, Dylan L.
- WO1 Oney, Cory D.
- WO1 Pemberton, Thomas G.
- WO1 Smith, Brian J.
- WO1 Temple, Troy A.
- WO1 Veres, Adam M.

### 37 Officers, March 14

#### Commissioned Officers

- 1LT Van Grinsven, Jeffrey T. – DG
- 1LT Reckerd, Mallory E. – HG
- 1LT Thomas, Dylan M. – HG
- 1LT Allen, Brandon L.
- 1LT Amason, Benjamin H.
- 1LT Becker, Brian S.
- 1LT Colyer, Jonathan J.
- 1LT Doran, Jacob M.
- 1LT Hershman, Jonah D.
- 1LT Kegley, Christopher A.
- 1LT Newfrock, Ryan J.
- 2LT Pantoja, Luis
- 2LT Perry, Tatum M.
- Cadet Pfaff, Daniel (Germany)
- 2LT Rappleye, Jacob M.
- 1LT Riley, Aryne A.
- 1LT Stehr, Paul (Germany)
- 2LT Templeton, John F.
- 1LT Tomaszewski, Aaron M.



IERW March 14

#### Warrant Officers

- WO1 Carver, Mike A. – DG
- WO1 Duncan, John A. – HG
- WO1 Fierro, Elias E. – HG
- WO1 Martin, Jonathan R. – HG

- WO1 Couchenour, Andrew D.
- WO1 Donaldson, Anthony C.
- WO1 Ebert, Dylan M.
- WO1 Evans, Hope R.
- WO1 Hansen, Erin L.
- CW2 Holt, Hal W.

- WO1 Karim, Aziz F.
- WO1 Kilian, Donald W.
- WO1 Lewis, Hunter L.
- WO1 Nitschke, Jasmine C.
- WO1 Renner, Lee V.
- WO1 Reynolds, Akin K.

- WO1 Shumway, Jacob D.
- WO1 Timmerman, Tanner J.

DG: Distinguished Graduate  
HG: Honor Graduate



# AAAA

## People On The Move

### AIT Graduations

*Continued*

#### Class 006-19

PV2 Daniel Gaius Wilkinson - DG  
PV2 Michael Austin Wesley Armit  
SPC Gilberto Luis De Los Santos  
SPC Heath Lee Dotson Jr.  
PV2 Nickolas Chaz Redmond  
PV2 Cherokee Lane Robey  
SGT Christopher Lee Smith  
PV2 Ian Jack Smith  
PV2 Brandon Lee Wallace  
PV2 Christian John Walsh  
PV2 Holden Lee White  
PV2 Lance Morgan Williamson

#### Aircraft Powerplant Repairer (15B)

##### Class 012-18

PV2 Philippe M. Grand - DG  
PV2 Jessie Dakota Allen  
PV2 Caleb A. Bare  
PV2 William Stacy Davis Jr.  
PV2 Dalton Kenneth Greenlee  
PV2 Mario Miguel Guerena  
PV2 James Daniel Hall  
PV2 Nathaniel James Holm  
PV2 Blake Tyler Hood  
PV2 Jackson M. Schweighart  
PV2 Kameron Lee Wilson

##### Class 508-18

PV2 Andrew Levi Campbell  
PFC Luis Jesus Castillo  
PFC Cesare Kyungho Damiani  
SPC Dustin Blake George  
PFC Asa Garrett Matthews - DG  
PV2 Timothy John Pawlak Jr.  
PV2 Alexander James Peters  
PV2 Cade Justus Porter

#### Aircraft Powertrain Repairer (15D)

##### Class 011-18

PV2 Carlos Castellanos Jr. - DG  
SPC Saul Calderon  
PV2 Nelson Alexis Garcia  
PV2 Jackson Devin Lewis  
PV2 Marcus Anthony Lopez  
PFC Jayson Andreas Obando  
PV2 Daniel Edward Peters  
PV2 Evan Alexander Reynolds  
PV2 Anthony Collin Welsh

#### Aircraft Electrician (15F)

##### Class 019-18

PV2 Kaitlyn Nichole Allen  
PV2 Jeffrey Scott Barnett  
PFC Garret Mathew Busch  
PV2 Joseph Cameron Renteria  
PFC Carlos Eugene Sanders  
PV2 Cory Matthew Sherman  
PV2 Roel Tovar Jr.  
PV2 Trey Thomas Vanover  
**Class 505-18**  
PV2 Jacob Conner Brandon  
PV2 Kenan Patrick Lee Gilchrist  
PFC Nico Milanfredric Hobbs  
SPC Jackson M. Fedjo Kamguia  
SPC Chen Li  
PV2 Jonathan Michael Lindholm  
PV2 John Ray Mendoza Jr.  
PV2 Patrick Riley Simpson  
**Class 506-18**  
PFC Andrew Wayne Poole - DG

PV2 Lucas Michael Hart  
PV2 Noah Lane Simmons  
PV2 William C. Westerman  
PV2 Steven Henry Wilcox  
PV2 Douglas Wayne Ginevan  
PV2 Kevin Mark Schneider Jr.  
PV2 Quinn Ansonanthony Lewis

#### Aircraft Pnedraulics Repairer (15H)

##### Class 002-19

PFC Cory Joseph Dean - DG  
PV2 Ariel Darren Alarcon  
PV2 Jomar Anthony Arce  
PV2 Joshua Christian Benedict  
PV2 Winston Patrick Bleland  
PV2 Willis Sharp Cannon IV  
PV2 Adriana Jackson  
PFC Alyssa Espiritu Jang

#### Aircraft Structural Repairer (15G)

##### Class 001-19

SPC Kyle Robert Shoults - DG  
PV2 Aaron Alexander Adams  
PV2 Shane Walter Doolittle  
PV2 Patrick Alan Freeman  
PV2 Nicholas John Grover  
PV2 Sean Michael Hartsfield  
PV2 Paul Anthony Kilfoyle  
PV2 Cody Ray Kordsmeier  
PV2 Ronin Ash Lawson  
PV2 Edwin Alexander Maldonado  
PFC Javier Antonio Marrero  
PV2 Andrew Robert Thomas  
PV2 Bradley Alan Vail  
PV2 Wade Preston Wight  
PV2 Jose David Zapata  
PV2 Trevor Payton Stonecipher

##### Class 501-19

PV2 Brandon T. Pulford - DG  
PV2 Richard Matias  
PV2 Freddie Devonte McBride III  
PV2 Colton James Miller  
PV2 Jaelon Randall Moore  
PV2 Randall De Oliveira  
PV2 Cameron Timothy Peterson  
PV2 Isaiah Daniel Quitugua  
PFC Marcus Joel Reed  
PV2 Noah Isaac Riewaldt  
PV2 Ross R. Rutherford Jr.  
PV2 Tanner James Saucier  
PV2 Christopher Jacob Settle

#### Avionic Repairer (15N)

##### Class 017-18

PFC Fatima Leona Foote\* - DG  
PV2 Jonalhy D. Almengor-Nuñez  
SPC Jacoby Marquez Benjamin  
PFC Azizah Sabir Baraka  
SPC Jason Tyler Purvis  
SPC Rafael Guerrero Uribe  
**Class 018-18**  
CPL Ryan Alan Brandman  
SPC Matthew E. Cunningham  
PV2 Gabriel Jude Luna  
SPC David Keith Miller Jr.  
SPC Christopher Allen Phipps  
PV2 Arturo Noe Santiago  
SPC Julio G. Torres Aponte  
PFC Jacob Paul Velez  
**Class 503-18**  
PV2 Corbin Lee Bell  
PV2 Jashun Terrell Coleman  
PV2 Michael Allen Crawford

PV2 Devin Oscar Deleon  
PV2 Drake A. Koch-Jenkins  
PV2 Taylor Edward Meiners

#### Aviation Operations Specialist (15P)

##### Class 18-032

PVT Morgan Keith Creel  
PFC Daniel Patrick Sobbecki  
PFC Brandon Michael Stultz  
PVT EricDean Suddeth  
**Class 19-009**  
PFC Trinity Elise Axtell  
PV2 Jamal Butler  
PV2 Guillermo M. Cruz-Morales  
PFC Brianna Maison King  
PFC Brenda V. Lopez-Contreras  
PV2 Katherine Lee Morgan  
PFC Lydia Kay Raderschadt  
PV2 Jeanette Rivera-Borrego  
PVT ShaniceNatasha Smith  
PFC Tori Lynn Stierhoff  
PVT Miracle Shayonjabracya Teal  
PFC William Wilfredo Villalobos  
SSG Jorge Daniel Zuniga  
**Class 19-010**  
PVT Cassandra E. Auchmoody  
PVT Travian Jermaine Celormy  
PVT Guillermo Galeas  
PVT Shaquan Jabari Gaston  
PFC David Aron Hull  
PV2 MichaelAngelo Ortega  
PVT Carlos Antonio Ramos  
PFC Jarnisse Rodriguez-Navarro  
PFC Devan Kaige Smith  
PVT Kingsley C. Valendia-Eugenio

#### Air Traffic Control Operator (15Q)

##### Class 18-033

SPC Joe' I T Cruz  
PFC Jordan Alan Dominguez  
PV2 Michael C. Douglas  
PVT Tyler Andre Macquarrie  
PV2 Desirea Cierra Martin  
PV2 Pamela Astrid Martinez  
PV2 Timothy Steven Paradise  
PFC Brandon Thomas Traster  
SGT Katelyn C Simon  
PV2 Chase Evan Willis

##### Class 19-001

PV2 Dylan Jacob Brown  
PV2 Makayla Nicole Knipp  
PV2 Lane Phillip Leblanc  
PV2 Marcus Wayne Mims  
PV2 Andrew David Swanstrom  
**Class 19-008**  
PV2 Adrian Javier Aracena  
PVT Axel J. Cosme-Marquez  
PVT Joe Diaz  
PVT Shamar Deshaun Domonter  
PV2 Jacob Scott Falzo  
PVT Jacob Gerhard Fuchs  
PVT Andy Lee  
SPC Jamal Nigel Mayers  
PVT Nathieanel Kyear Patterson

#### AH-64 Armament/Electrical/Avionic Systems Repairer (15Y)

##### Class 021-18

PV2 David Anthony Bermudez  
PV2 Garrett Wade Butler  
PV2 Isaac Micheal Cheatham



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PV2 Spencer Alexander Clack  
PV2 Randall Cole Dempsey  
PV2 Devin Tyler Dickinson  
PV2 Curtis Robert Diercks  
PV2 Matthew Bradlee Evans  
PV2 Edward Evan Franck  
PV2 Diane Gonzalez Plascencia  
PV2 Jared Keith Hancock  
**Class 505-18**  
PV2 Jaleel Quatez D. Ranson-DG  
PV2 Isaac Bennett Keeter  
PV2 Zakkry Robert McCarty  
PV2 Justin Kentrellis McRae  
PV2 Brickley Don Myers  
PFC Bryan Jacob Cabardo Sy  
PV2 Joel Antonio Valdivia  
PFC William Mark Wedgeworth

##### Class 508-18

CPL Avdshesh Kumar  
CPL Shailendra Kumar  
CPL Mukesh Nainani  
SGT Abdulrahman E.N.O. Nasor  
CPL Maruti Eknath Patil  
CPL Ashish Ranjan  
CPL Jaspal Singh  
SGT Navanit Kumar Singh  
CPL Shashi Raushan Singh  
CPL Bishwajeet Srivastava  
WO1 Pramod Kumar Varshney  
CPL Pankaj Kumar Yadav

## UNMANNED AIRCRAFT SYSTEMS (UAS) GRADUATIONS

### UAS REPAIRER

AAAA congratulates the following Army graduates of the Unmanned Aircraft Systems Repairer Course, MOS 15E, at Fort Huachuca, AZ.

### Shadow UAS Repairer Course

#### 10 Graduates, 26 Feb 2019

SPC Patrick A. Muncy  
PFC Dakota R. Chapman  
PV2 Kyle J. Brower  
PV2 Tucker J. Goschinski  
PV2 Anthony C. Leon  
PV2 Ryan F. Lunsford  
PV2 Keegan J. McTee  
PV2 Justin T. Rogers  
PV2 Javon A. Young  
PV2 Nickalus K. Young  
19 Graduates, 15 Mar 2019  
PFC Samuel F. Pease - DHG  
PV2 Jacob Sojis - HG  
SGT Shana A. Molale  
SPC Aric Collier  
SPC Kurt R. Geddes  
PFC Demetrius N. Simmons  
PV2 Aaron Adams  
SGT Osvaldo Cruzmartinez  
PV2 Frankie Gonzalez  
PV2 Brandon A. Hitchings  
PV2 Miguel G. Jacinto  
PV2 Christopher J. Manship  
PV2 Matthew R. McCord  
PV2 Alan Sanchez  
PV2 Derek M. Smith  
PV2 Nathan J. Trevino  
PV2 Cody L. Vrell  
PV2 James A. White  
PVT Jeffery L. Farkasdi

DHG = Distinguished Honor Graduate  
HG = Honor Graduate

\* = AAAA Member

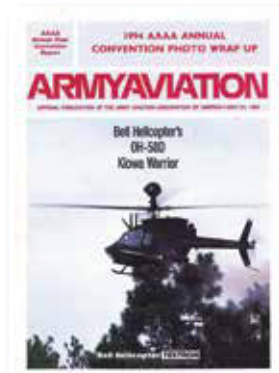


# Art's Attic

By Mark Albertson



Art's Attic is a look back each issue at 25 and 50 years ago to see what was going on in ARMY AVIATION Magazine. Contributing editor Mark Albertson has selected a few key items from each decade's issues. Art Kesten is our founder and first publisher from 1953 to 1987. He is also the founder of the AAAA in 1957 and served as its Executive Vice President. The cartoon, right, was created back in 1953 by LT Joe Gayhart, a friend of Art's and an Army Aviator, showing the chaos of his apartment-office in New York City where it all began.

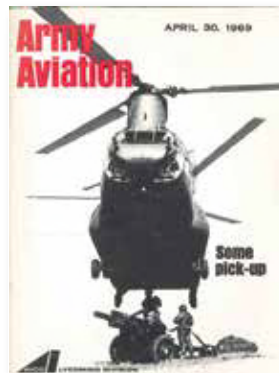


## 25 Years Ago April-May 1994

### Briefings

MG Patrick Brady (Ret.), has been named the President of the Battle of Normandy Foundation. A Medal of Honor recipient, General Brady assumed operational responsibilities of the Foundation on February 15, 1994.

MG Brady served two combat tours in Vietnam and, is a Master Army Aviator. His father, Henry H. Brady, served in the European Theater of Operations in WWII with Darby's Rangers.



## 50 Years Ago April-May 1969

### Fort Worth

The Bell Helicopter Company announced on April 28, that its compound research helicopter had set a record speed of 316 mph or 274.5 knots in level flight.

The modified YH-40 has a Lycoming T53-L-13 as its primary engine and two Pratt and Whitney JT 12-A3s with 3,300 pounds static thrust each, on its wing tips.



### Deep Freeze

A version of the Longbow Apache Fire Control Radar is shown undergoing icing tests at the NASA Lewis Icing Research Tunnel. Photo is courtesy of the NASA Lewis Research Center, Martin Marietta and Westinghouse.

### Convention Highlight, St. Louis, April 20-24, 1994

More than 160,000 square feet of display area were filled by organizations and businesses affiliated with the Aerospace industry. Thirteen aircraft, including the Apache, Black Hawk, Chinook, NTH, MH-60K and MH-47F special operations helicopters, a Hunter UAV and a HMMWV were on hand.



### More Convention Highlights

On Thursday and Friday nights, AAAA's Chapters hosted their traditional receptions. Attendees get wild and woolly at the Big East Reception with the help of the inimitable Blues Brothers, Joliet Jake and Elwood Blues.

### Number 1,000!



The U.S. Army took possession of the 1,000th OH-6A light helicopter, a product of the Aircraft Division of Hughes Tool Company. To commemorate the occasion, desk-sized versions

of each 100 Cayuse produced dot the Culver City runway apron. In Vietnam, Cayuse helicopters have logged more than 300,000 flying hours. In the cockpit of number 1,000 is LTC Edward M. Browne, LOH project manager for AMC.

### Our Gain!

An interesting young man decided to enter the U.S. to enroll in the Army's warrant officer flight training program. WOC Kenneth M. Werenko hung up his distinctive red uniform of the Royal Canadian Mounted Police to don the flying kit of the United States Army. Werenko was actually attached to the RCMP band; however, decided to fly. He sought and received a commercial pilot's license and joined a company as a bush pilot. After which, Mr. Werenko chose to come Stateside to undertake USAPHS training.





The Army Aviation Hall of Fame, sponsored by the Army Aviation Association of America, Inc., recognizes those individuals who have made an outstanding contribution to Army Aviation.

The actual Hall of Fame is located in the Army Aviation Museum, Fort Rucker, Ala.

The deadline for nominations for the 2020 induction is June 1, 2019

Contact the AAAA National Office for details and nomination forms at (203) 268-2450 or visit [www.quad-a.org](http://www.quad-a.org)

# Army Aviation Hall of Fame

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Command Sergeant  
Major Buford Thomas Jr.

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*Army Aviation Hall of Fame 2011 Induction*

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CSM Buford Thomas' over 30 years of service was exemplified by professional competence, tenacity of purpose, and intellectual foresight. His focused approach to mission accomplishment centered on ensuring the enlisted ranks of Army Special Operations Aviation, comprised of 43 different military occupational specialties, were manned and trained to enable the Nation's fastest deployable aviation task force to meet its no-notice contingency requirements.

While serving as a battalion and regiment command sergeant major with the 160th Special Operations Aviation Regiment (Airborne) his training of the battle staff NCOs and subordinate leaders allowed the unit to operate from four separate locations around the world in support of the CENTCOM Commander's requirements during Operation Enduring Freedom.

He displayed the highest standards of performance, achievement and devotion to duty while setting the course for aviation as part of the Army's transformation initiative.

CSM Thomas flawlessly led the Aviation Center and Fort Rucker in transforming the aviation Soldier and noncommissioned officer training, unmanned aircraft systems transition, restructuring the Army's combat aviation brigades, and spearheading numerous military pay and training initiatives for Soldiers.

He always focused on the warfighter and mission accomplishment and has used his wealth of experience in forming a first-class team to propel the Aviation Branch to new standards of excellence. A true expert in both conventional Army Aviation and Special Operations Aviation missions, he has numerous deployments as a senior NCO all over the globe.

Throughout his 30 plus year career, he trained, led and mentored countless Soldiers across Army Aviation's ranks. His outstanding contributions will clearly have lasting effects for many, many years to come.



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INNOVATION.  
PERFORMANCE.**



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- Digital Interoperability & Multi-Mission ISR
- eHealth & Remote Monitoring Solutions
- Aircraft Engineering, Integration & Mission Enhancements
- Navigation, Landing & Air Traffic Management Solutions

**Join us at AAAA Booth #528**

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We are Collins Aerospace. With our customers we chart new journeys and reunite families. We protect nations and save lives. We fuse intelligence and partnership to tackle the toughest challenges in our industry. And every day, we imagine ways to make the skies and spaces we touch smarter, safer and more amazing than ever.

UTC Aerospace Systems and Rockwell Collins are now Collins Aerospace.

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REDEFINING AEROSPACE**



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