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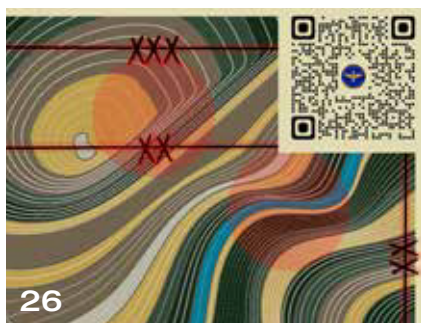




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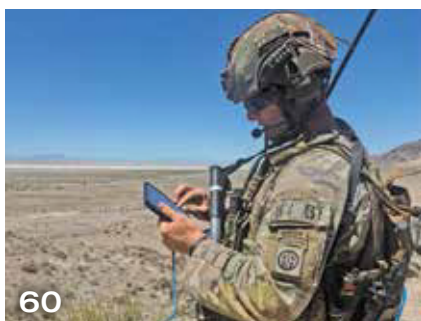
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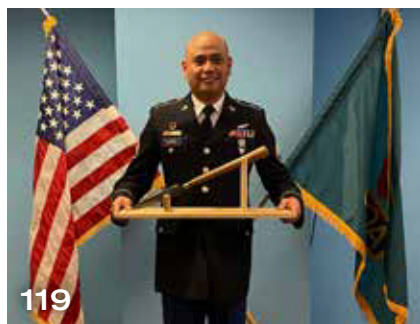
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# Briefings



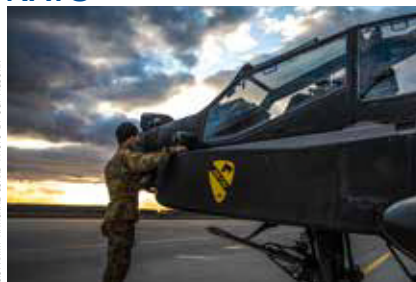
U.S. ARMY PHOTO

## Bush Sworn In as ASAALT

The Honorable Douglas Bush was sworn in Feb. 11 as the seventh Assistant Secretary of the Army for Acquisition, Logistics and Technology.

Bush, who served as an infantry officer in the U.S. Army following his graduation from the United States Military Academy at West Point, was a congressional staff member for almost 19 years, working in a variety of positions in both the U.S. Senate and House of Representatives until being appointed as principal deputy ASAALT in March 2021.

## Army Aviation Supporting NATO



U.S. ARMY NATIONAL GUARD PHOTO BY SGT AUGUSTIN

On 24 February, Russia launched a comprehensive invasion of Ukraine, marking a major escalation of the ongoing Russo-Ukrainian War. Task Force Palehorse, assigned to the 7th Squadron, 17th Cavalry Regiment of the 1st Air Cavalry Brigade, arrived in Poland, Feb. 25, 2022. The Air Cavalry Brigade moved AH-64 Apaches and UH-60 Black Hawks from Greece to Poland in support of the United States' decision to increase its military presence and activities in Europe as part of its solid and ongoing commitment to its NATO allies and partners.



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## Bloomberg Nominated to Head Defense Innovation Board

Mike Bloomberg, former three-time mayor of New York City, has been nominated by Secretary of Defense, Lloyd Austin, to head the Defense Innovation Board. Established in 2016, the Defense Innovation Board provides Defense Department leadership with advice and recommendations on innovative ways to address departmental challenges with a focus

on people and culture, technology and capabilities, and practices and operations.

## Joint Enlisted PME



DOD PHOTO BY AIR FORCE MSGT MICHAEL COWLEY

Senior Enlisted Advisor to the Chairman of the Joint Chiefs of Staff, Ramón "CZ" Colón-López is overseeing a revision of the enlisted professional military education effort. Working with the service senior enlisted advisors they devised a course that Colón-López calls "Keystone-minus" to bridge a gap in the little bit of joint education enlisted get throughout their career. Aimed at E-6 and E-7s, it is a two-week, in-residence joint PME course that "...covers everything from the way that laws are made to the way that budgets are passed to the way that the orders come down from the civilian leadership to the joint force," he said. "It also will cover the ways the services support the combatant commands and how they execute orders." The course began in March. There will be two Gateway classes per year, and they will be held at the National Defense University at Fort Lesley J. McNair in Washington, DC.

## Two-Year Enlistment Options Expanded

Army Recruiting Command officials announced on Feb. 7, 2022 that the service is expanding its short-term career offerings. A press release said that two-year active duty enlistments are now available for 84 jobs across the force, ranging from infantry and combat engineers to paralegals and aviation operations specialists. Applicants who select the short-term option will also be eligible for bonuses, though they will also have a two-year drilling commitment in the Army Reserve after leaving active duty, the release said. Certain career fields are offering \$50,000 bonuses currently for longer contracts and troops who join for even just two years will earn significant benefits, such as 80% of the Post-9/11 G.I. Bill and the Veterans Affairs home loan subsidy. For more information see your local Army recruiter.



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## ► President's Cockpit

# Welcome to the Summit!

Well, it is finally here, our first AAAA Annual Summit in three years. It has been some roller coaster ride through years of pandemic, shut-downs, masks, social distancing and all the rest. Let's pray it is finally coming to a close.

I want to first thank all our 18,000-plus members and especially our 79 chapters, for all you have done and endured during these most difficult times. You and your families have inspired all of us on the National Executive Board, and me personally as I have travelled to almost half our chapters over the last year.

Special thanks also to MG Jeff Schloesser who helped steer us through two cancelled Summits and in fact is the only AAAA President to have never presided over our annual meeting. As Jeff noted, it would have been easier to hold the summits.

Also want to recognize our Branch Chief, MG Dave Francis; he could not have been more supportive and encouraging through all this. In fact, the entire "Six Pack" leadership has stepped up to support you, our members, going above and beyond to keep our association strong.

As we gather together April 3-5, 2022, we have yet another record year of scholarship awards, record exhibit sales and record attendance at this year's Summit. We are also launching our new Trade-school, Licensing, and Certification Foundation to help you



Officers of the Jimmy Doolittle Chapter enjoy a meet and greet with AAAA National President MG (Ret.) Tim Crosby on Jan 4., 2022 at the Blue Marlin Restaurant in Columbia, SC. Pictured left to right are: COL Jay McElveen, President; CPT Josh Blizzard, Senior VP; SFC Stephen Snodgrass, Secretary; MG Crosby; 1LT Connor Thornton, Treasurer; and CW3 Brian Cox, VP Membership.

get your A&P, CDL, or whatever skill certification you need to succeed in the future. We will be presenting our normal annual awards but also some AAAA Presidential Awards from the last two years and for this year. I will be asking Jeff Schloesser to help me present the awards from his tenure.

From the chapter workshops to the closing Soldier Appreciation Concert this event is all about our total community from junior Soldier to senior leader, to retired, veterans, and members of industry. This is the biggest Army Aviation event of the year and time to pause to reflect, rekindle old friendships, make new ones, and contribute to the critical conversation to find training, materiel, and doctrine solutions to the many challenges we face around the world.

We will be working all four pillars of the AAAA Mission Statement hard during the Summit. Networking, Recognition, Voice and Support are what

AAAA is all about. Make sure you participate so together we can best achieve the AAAA Mission "Supporting the U.S. Army Aviation Soldier and Family." If you can't make it to the Summit, take a few minutes to go online and update your contact info and your chapter affiliation on the AAAA website.

As we come together for our first opportunity since the Cribbins Symposium back in November, let's stay mindful of all the past sacrifices that have been made by our Army Aviation Family, and let's look forward enthusiastically to what lies ahead for us and our AAAA professional organization.

I look forward to seeing you around the exhibit floor and the various professional program events at the Summit.

See you there.

*MG Tim Crosby, U.S. Army Retired  
35th President, AAAA*





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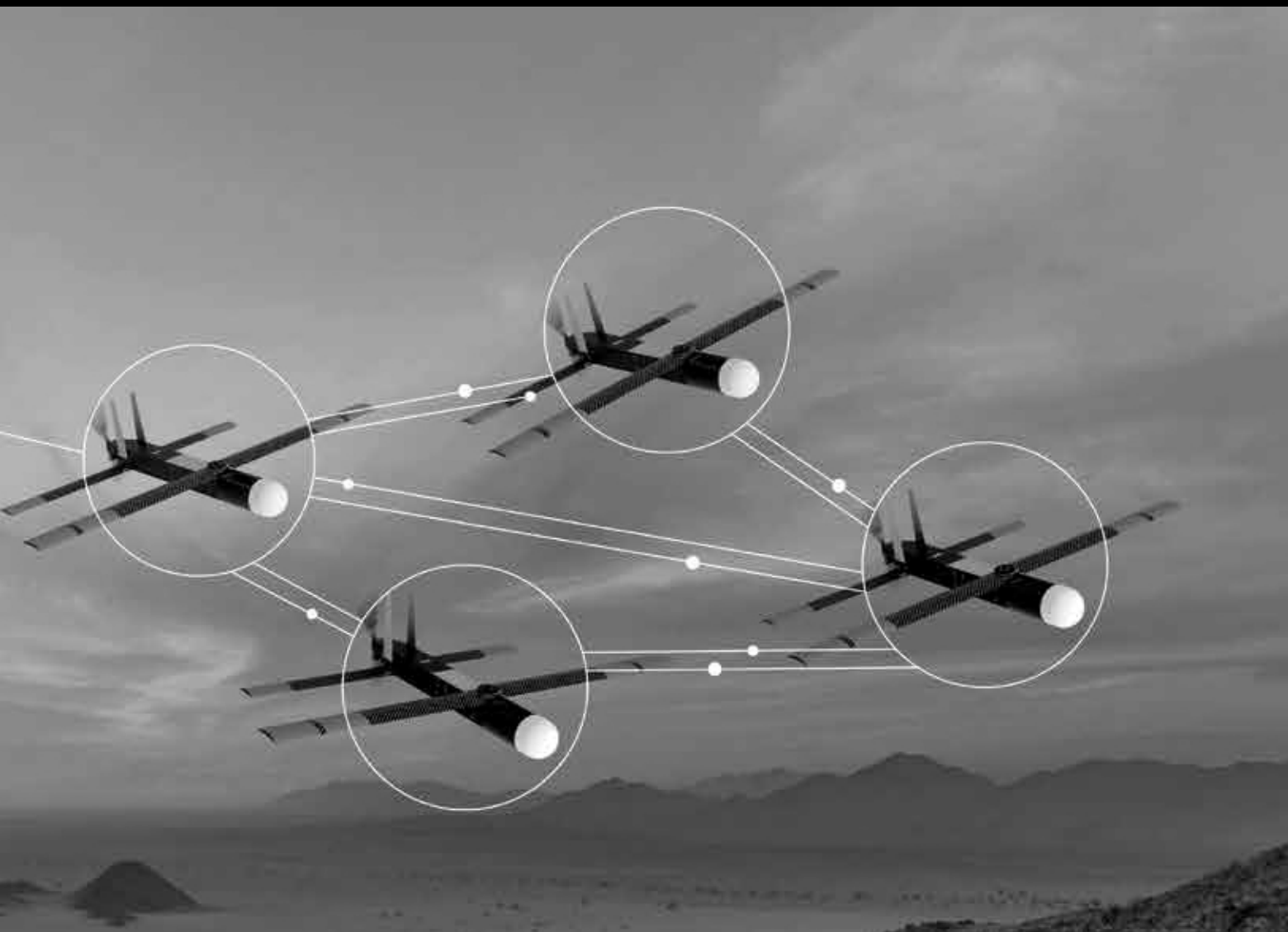
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## ► Army Aviation Branch Chief's Corner

# State of the Branch

By MG David J. Francis

I would like to start by thanking MG (Ret.) Crosby, Bill Harris, Janis Arena, and the entire AAAA team for the extraordinary effort put into setting the conditions to allow this year's Mission Solutions Summit to take place.

It is long overdue that we bring the Army Aviation community and industry together to forge the future.

CSM Wilson, CW5 Lewis and I are extremely proud of Army Aviation's incredible performance over this difficult year. As the Army Aviation Community, you served our Nation exceptionally well and we thank you for your continued service as we build toward Army of 2030.

Meeting tomorrow's challenges will require the entire Aviation Enterprise to transform our training and doctrine to prepare our forces to receive and integrate Future Vertical Lift (FVL) aircraft. Army Aviation units are 76% globally committed across all components (COMPOS). This commitment includes rotational deployments, equipment fielding and modernization, DSCA requirements, response to national disasters and other homeland requirements. Our Aviation teams tackled another record fire season, the most active hurricane season in a generation, and continue to train and deploy through a global pandemic that challenges every aspect of our military and society. Aviation leadership across all COMPOS continue to execute a very demanding mission set with over 11,500 Soldiers deployed across more than 23 countries providing support to ground forces, partners, and agencies daily. Through all of these requirements you continue to focus on our sacred trust with ground force commanders (GFC) and keep Army Aviation the most lethal, agile, and responsive maneuver asset in the Army.



ACLC 22-002 students, assigned as troops within the air cavalry squadron, conduct an OPORD brief prior to rehearsals and mission execution. By the squadron thoroughly planning two levels (down to the platoon), the combined arms team better executes the plan.

### Doctrine

As we continue our transition from counterinsurgency (COIN) operations to large scale combat operations (LSCO), we are continuously updating our existing doctrine in concert with the Army's foundational field manuals and publications. FM 3.0 is under final review and our team is already updating and preparing FM 3.04 to implement those changes. In order to support the GFC and dominate in LSCO our formations must know and understand our doctrine and how we fight. We are constantly developing concepts of how we will fight and are quickly turning those concepts into doctrine. The integration of air and ground reconnaissance forces is critical during LSCO

MG David Francis, United States Army Aviation Center of Excellence and Fort Rucker commander (center), stands with Army Aviation Pre-command Course Class 22-002 for a picture at Fort Rucker, AL, Feb. 7, 2022.





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and we are working with the Maneuver Center to ensure Aviation is nested and incorporated into the update to FM 3.98, Cavalry Operations. The Aviation SOP leveled the bubbles across the enterprise ensuring training, maintaining, and operations were executed to standard. The SOPs are under review to ensure new capabilities like the Spike Non-line of Sight (NLOS) missile and Future Tactical Unmanned Aerial Systems (FTUAS) are onboarded and incorporated into our units.

## Organization

The Aviation Enterprise is continuing our efforts to synchronize our organizations to meet the Regionally Aligned Readiness and Modernization Model (ReARMM) and build the structure required for our Army 2030. With the Division as the Unit of Action, we will tailor our combat aviation brigades (CABs) to their unique division requirements to provide the commander with maximum flexibility and lethality. This new organization will enable our forces to rapidly converge effects at the time and place of our choosing and provide the division commander with multiple maneuver options. An essential element of this new structure is ensuring we set the conditions for the fielding and training of our new Future Vertical Lift (FVL) platforms. Whether this takes form as a Unit Fielding and Training Program (UFTP) type of organization or something else is still being determined to ensure a seamless transition between our enduring and future aircraft.

## Training

Current events across the globe reinforce the need to train and prepare for LSCO so we are ready to fight today while building for Army 2030. Leveraging training support packages to build

proficiency and capability in terrain flight, hoist, 2800/2900 series tasks remains an important component of the transition to LSCO. Another fundamental change to how we train is further implementation of our new Unit Trainer and Evaluator (UT/E) program. Developing unit trainers that are capable of safely training and evaluating base tasks for our new aviators allows our instructor pilots the ability to get out of the traffic pattern and tactically train our formations. Several CABs received initial training and support from the Directorate of Evaluation and Standardization (DES) to stand up their UT/E programs, now we need to continue the momentum and incorporate these trainers into our current operations. The new Emergency Response Methodology (ERM) is the standard across the enterprise and is directly impacting and saving the lives of our crews.

## Material

Army Aviation's Future Vertical Lift aircraft will bring transformational capability to maneuver and is a vital component of how our Divisions will fight in the future. FVL aircraft are bringing increased speed, reach, lethality, and survivability to the battlefield. At the same time, we cannot forget about our enduring fleet and the targeted modernization that ensures it is ready to fight tonight. The Army of 2030 will incorporate the capabilities of our enduring and future fleets and our modernization efforts synchronize both of these forces.

The Improved Turbine Engine Program (ITEP) and continued fieldings of UH-60Vs, AH-64Ev6s, and CH-47F Block IIs keep our enduring fleet LSCO capable and ready. Our partners at the FVL Cross Functional Team (CFT), Program Executive Office (PEO) Aviation, Army Aviation and Missile Command (AMCOM), the Aviation Enterprise, and industry team are



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continuing their phenomenal work to research and develop the near and far-term capabilities necessary in LSCO.

The Future Attack and Reconnaissance Aircraft (FARA) and Future Long Range Assault Aircraft (FLRAA) are going to significantly change the battlefield geometry and provide multiple dilemmas to our adversaries. The FARA ecosystem of Air-Launched Effects (ALE) and Long Range Precision Munitions (LRPM) are game changers and will enable the commander to detect, identify, disrupt, and destroy adversary Integrated Air Defense Systems (IADS) networks allowing our maneuver elements to penetrate to the next echelon of enemy forces. The integration of the Spike NLOS missile will greatly increase our stand-off for our attack formations, significantly improving our survivability. The development of a Modular Open System Architecture (MOSA) will reduce time, costs, and requirements to upgrade our systems, ensuring our aircraft remain ready.

FLRAA, paired with enduring platforms, will exploit these maneuver opportunities delivering maneuver forces to destroy tactical command and control, sustainment, and fires elements. The increase in performance that FARA and FLRAA provide the Army Force of 2030 is essential to our ability to fight and win in LSCO. FVL, coupled with our enduring fleet, is survivable, lethal, and affordable.

## Leader Development

Leader development is the most important thing we do across the Aviation Enterprise. We are taking giant strides to update and modernize the way we train our leaders, providing them with a more detailed study of doctrine and tactics to better prepare our force for LSCO. Over the past 12 months we holistically redesigned our Warrant Officer Professional Military Education (PME), placing added emphasis on ensuring our aviators remain the tactical and technical experts we need them to be. We revamped the nine-week Aviation Warrant Officer Advanced Course (AWOAC) in favor of a 4-week Advanced Warfighter Skills course similar in scope to the Air Cavalry Leader Course. This course focuses on the tactical planning and employment of aircraft at the platoon and company level. We are also adding a new Warrant Officer ILE Follow-On course for our senior Warrant Officers to prepare them for battalion and brigade positions. This PME restructure also applies to our Instructor Pilots (IPs). The new UT/E program enables our IPs to serve as the primary tactical trainers in our formations by off-loading basic Aircrew Training Program (ATP) tasks and allowing the IPs to get out of the traffic pattern. The future Aviation Tactics Instructor Course (ATIC) will focus on training our IPs to lead the employment of our aircraft as weapon systems on the battlefield.

Branch Officer PME is undergoing updates with our Aviation Captain's Career Course (AVC3) revision to make sure the instruction is more LSCO-centric while moving away from COIN doctrine and scenarios. Our CPTs will have the opportunity to engage with peers from other branches using a common scenario shared across Training and Doctrine Command (TRADOC). We are also transitioning to organic battalion fights instead of the multi-function task force structures used in prior courses. The focus on doctrine and planning will greatly increase our future company commanders and battalion/brigade staff officers' ability to lead in LSCO.

Our Branch recently completed a holistic review of all non-commissioned officer (NCO) professional education courses to assess what is being taught to our junior and mid-level NCOs. All courses are undergoing significant revisions to shift focus from leading during COIN operations to leading in LSCO.



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The most consequential change to our NCO development is the redesign of the Advanced Leaders Course (ALC). NCOs graduating ALC today are trained in the areas of maintenance management, quality control, and technical inspections. Additionally, they graduate with a greater understanding of the vital role NCOs play in ensuring their unit's ability to successfully and safely execute their mission.

### Personnel

TRADOC's number one priority for 2022 is to acquire the right people for our Army. This is a team effort that requires engaged leadership at all levels to not just recruit the right Soldiers but retain the exceptional talent that our branch needs. Over the past year Aviation Branch continued to focus on incentivizing talent across the ranks with targeted bonuses and increase in flight pay. The provisional Warrant Officer program is adding more Aviation experience at the platoon and company level for our new WO1s. Added time in the unit and the cockpit is essential to their growth and development as aviators. Additionally, we increased our throughput at flight school, while adding a 10-year active duty service obligation (ADSO). These steps will ensure we generate the right number of aviators for our Army 2030 while retaining the quality and talent we need to lead our future FVL formations.

### Facilities and Policy

There is an ongoing review and assessment of our current and future facilities to ensure we are ready to meet the future requirements of our FVL aircraft. Hangars, airfields, training areas, and ranges may require adjustments to support the full capabilities of our FVL platforms. Greater speed and range along with unique

FTUAS platforms will necessitate relooking our current airspace requirements and regulations. Employment of FTUAS and ALE may require unique training areas to take advantage of our systems and training scenarios. We must also look at our networks and ensure we are able to support the cutting edge technology in terms of mission planning, maintenance, and integration with other joint systems. These updates and reviews apply to the operational force and the institutional force including any potential UFTP-like unit locations.

### Conclusion

It is an honor to serve as your branch chief and I am very aware that our endeavors would not be possible without the support of our nation, our leadership, and our incredible Families. Army Aviation is prepared and ready to meet the enemy of today while modernizing to meet tomorrow's challenges. The last two years of Aviation operations represent the safest 2-years in Army Aviation history. This is directly related to engaged leadership, phenomenal maintainers who conduct maintenance to standard, and outstanding aviators who employ their aircraft in a professional and disciplined manner to ensure mission accomplishment. Thank you for your unmatched service and sacrifice.

Finally, please keep all the members of our Aviation Team deployed around the world in your thoughts and prayers.

Above the Best!

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*MG David J. Francis 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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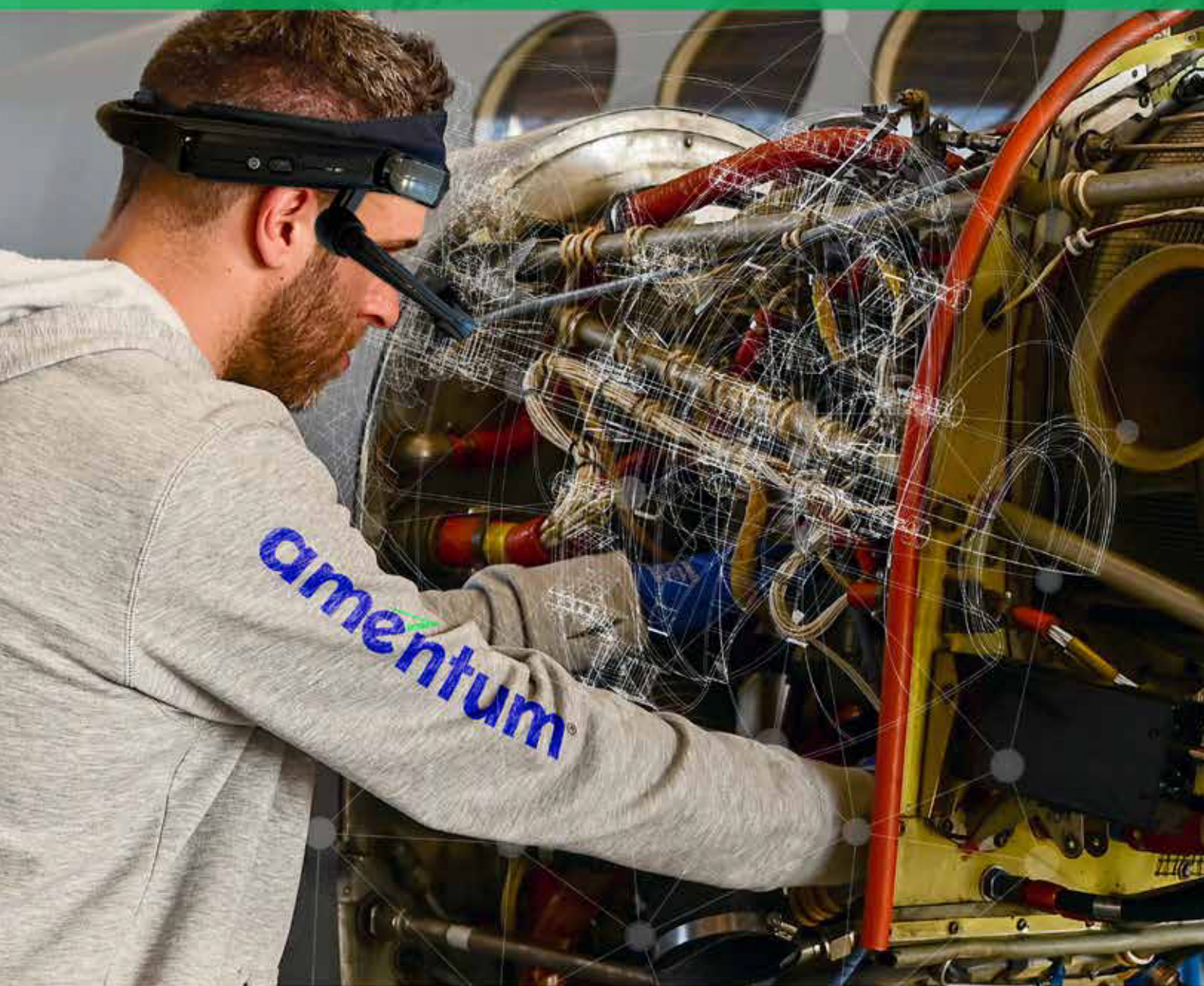
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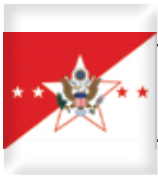
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# Delivering **Readiness** Through **Innovation**







# The United States Army is Ready Because We are about People First

By GEN James C. McConville



U.S. ARMY PHOTO BY SSG THOMAS MORT

**T**he U.S. Army exists to protect this great nation. Our Army is ready now to fight as a combat-credible force anywhere in the world, and we must remain ready to win in Large Scale Combat Operations (LSCO).

At the same time, we must transform for the future. Modernization ensures future readiness and that we can win the future fight, which is why the Army is undergoing our greatest transformation in recent history. Ultimately, we will advance in these monumental efforts through our people. That is why, in our Army, it's about People First.

I am more resolved than ever to ensure that we have the greatest Soldiers in the world. I am extremely proud of the work done by our Soldiers in the active Army, the National Guard and the Army Reserve. I am grateful to our families, who remain resilient and committed to supporting our Soldiers, enabling them to complete the toughest

*U.S. Army Soldiers, assigned to 1-3rd Attack Battalion, conduct pre-flight checks on an AH-64D Apache Longbow helicopter at Katterbach Army Airfield, Germany, Feb. 15, 2022. Elements of the 12th Combat Aviation Brigade departed Germany for Lithuania and Latvia to conduct training with NATO allies.*

missions. We also have incredible Army civilians who bring institutional knowledge and a hard work ethic to enable our forces, and our retirees and veterans continue to serve throughout our communities by inspiring young men and women to serve.

We continue to operate in historically challenging times. At home, we



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continue to fight through the threat of COVID-19. Abroad, we face strategic challenges that threaten the world order, and violent extremism remains a serious concern across the Middle East. These challenges reinforce our need for readiness and modernization.

We have a tremendous team that continues to accomplish our toughest missions every day, and Army Aviation remains in high demand across all components in areas across the nation and the world.

### **Building Cohesive Teams that are Trained, Disciplined and Fit**

Army priorities have not changed, and we continue the momentum of our People, Readiness and Modernization efforts. For our People First effort, we need leaders at every level who can build cohesive teams that are highly trained, disciplined, fit and ready to fight and win. Leaders must sustain a culture of dignity and respect where everyone takes care of each other. Soldiers become masters of their craft through foundational training at the individual, team, squad, platoon and company levels. For aviation units, for example, this means training to operate at night and conducting live-fire exercises in unfamiliar terrain against an uncooperative enemy. That's how we generate combat power.

Discipline means being at the right place at the right time, and doing

the right things the right way. We trust that our units are disciplined and able to operate in a distributed environment. We must also ensure our Soldiers are physically fit, mentally fit and deployable.

By focusing on building cohesive teams, leaders are ensuring the readiness of their organization. They are also preventing behaviors – such as sexual assault, sexual harassment, racism and extremism – that harm Soldiers and break trust with the American people. Building cohesive teams can also allow leaders to identify behavior leading to suicides, which have devastating impacts across our organizations and our families.

### **Talent Management**

Putting people first also means progressing with our 21st century Talent Management system initiatives. It is critical that we have the right people in the right jobs. We are in a war for talent, and we must compete to recruit and retain it – especially our incredible Aviation warrant officers, officers and noncommissioned officers.

After several iterations of the Command Assessment Program, we



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are confident that we are putting the right leaders into the right positions, and we are assessing critical attributes to ensure we have the right people in the most consequential positions.

The fielding and implementation of the Integrated Personnel and Pay System-Army (IPPS-A) continues. Once fully deployed, IPPS-A will deliver component fluidity and will facilitate the Army's ability to better manage the talents of the Total Force based on Soldiers' knowledge, skills and behaviors. We recognize the tremendous talent we have within the Army and have found opportunities to align those strengths and talents to where they are needed across the force.

## Readiness

Every effort of our People priority aligns with building and sustaining readiness. At the start of this fiscal year we implemented the Regionally Aligned Readiness and Modernization Model (ReARMM). Under ReARMM, units are aligned with combatant commands to strengthen institutional knowledge of particular regions, and Soldiers experience predictable training, deployment and modernization cycles. This allows the Army as a whole to be trained and

ready now for LSCO while also balancing future readiness with units focused on modernization efforts.

## Army Transformation

The Army continues to undergo the greatest transformation in over 40 years. Modernization is future readiness. Instead of focusing on how to fight the last fight better, we are ensuring we can win the future fight. Modernization is not only about new equipment, but changing our Doctrine, Organizations, Training and Talent Management, which are all underway.

Army Aviation and our industry partners have done incredible work over the last year to maintain momentum throughout a challenging environment. It has taken years of hard work to get to where we are now, and where we are heading.

The Army continues to invest in the Aviation fleet we will potentially be fighting with in the coming decades. Our enduring systems, such as the AH-64E, UH-60M/V and CH-47F, will require continued investment to maintain targeted readiness and modern capabilities for the Total Force.

At the same time, our future systems remain on track for development and the

Army remains fully committed to the investments required for Future Vertical Lift (FVL) with our Future Attack Reconnaissance Aircraft (FARA) and Future Long-Range Assault Aircraft (FLRAA) programs.

Army Aviation has to be ready today, and in the future.

## Winning Matters

In our Army, "Winning Matters" is an attitude. I continue to emphasize that when we send our organizations on a mission, we are sending them to fight and win. There is no second place or honorable mention in combat. When diplomacy fails, our Army and our Soldiers must be ready to fight and win, and nothing is more important.

I could not be more proud to serve with the greatest Soldiers in the world's greatest Army, and it remains my honor to be your 40th Chief of Staff.

It's about People First, Winning Matters, and remaining Army Strong!



*GEN James C. McConville is the 40th Chief of Staff of the United States Army.*



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## ► Chief Warrant Officer of the Branch Update

# Honing the Edge

By CW5 Michael Lewis

Over the past two years the Aviation Branch has focused its efforts and created initiatives to transform our warrant officers into dominant warfighters on the next battlefield. Although much work is still required, much progress has been made.



GRAPHICS BY ANNA-JANE LEWIS, SCAD B.E.A.

From assessing talent to the highest level of warrant officer professional military education (PME), we continue to “hone the edge.”

### Forging the Steel

With the 10-year active-duty service obligation now in effect, the number of flight training applicants remains strong and competitive. We continue to select the most qualified from a healthy pool of committed candidates of great character. On 1 October 2021, the WO1 time-in-grade reset became effective. After graduation, COMPO 1 warrant officer aviators (MOS 152-155) now have two years to develop the highly technical skills first learned in flight school. As our aircraft and associated systems become increasingly more complex, this period of apprenticeship offers our younger aviators the additional time at the unit to get in the necessary sets and reps prior to assuming more demanding duties expected of a CW2. Combined with efforts to stabilize some first assignments to a four to five-year model, the WO1 time-in-

grade reset provides predictability and more opportunity for commanders and senior warrant officers charged with the development of these new aviators.

### Shaping the Blade

The first three pilot classes of Advanced Warfighting Skills (AWS) are complete. The AWS cadre led by course director, CW5 Karl Metz, along with the leaders and staffs of 1st Aviation Brigade and Directorate of Training and Doctrine (DOTD) have achieved an absolute WIN for the branch! The success of AWS is a result of the team's tireless efforts, audits and inputs provided by subject matter experts from the CTCs, CABs, and MI BDEs, and most importantly the enthusiastic participation and honest feedback of the students. AWS targets CW2s who will be expected to serve as tactical and technical experts

in company level positions as recently designated pilots-in-command. The success of these pilot classes is evolving into the most valuable and significant development in aviation warrant officer professional military education (PME) I have seen in my 32-year career. After completing the four-week AWS course, aviation warrant officers return to their units fluent in the language of warfighting (doctrine), familiar with airspace coordination and integrating the capabilities of other platforms (rotary-wing, fixed-wing, and unmanned), and as a bonus, are still current in their aircraft.

### Sharpening the Edge

The Directorate of Evaluation and Standardization (DES) continues to enhance our warfighting capability through the unit trainer/evaluator (UT/E) program. To date, more than

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In today's dynamic, multi-mission world, users must be ready with the equipment they need no matter what the demand. Validating functionality in a pre-mission environment will ensure communication works the first time in the field and provides the confidence needed to focus on the mission. Verifying the performance of deployed communication devices is paramount to the trust and safety of those on the front lines.

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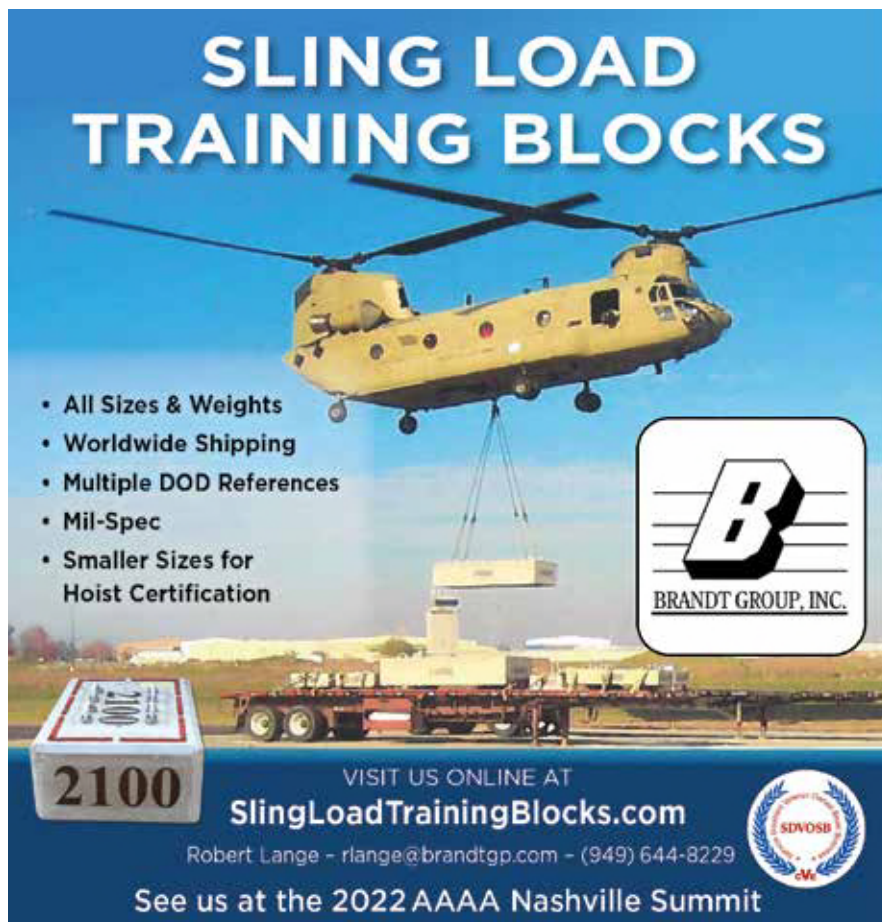
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20 of our top performing pilots-in-command in four CABs have completed the day, night, and/or AMS UT/E modules. By training and evaluating base tasks, UT/Es enable our instructor pilots the ability to focus on tactical tasks and prepare aviators for large scale combat operations (LSCO). As the branch gathers more data on the UT/E program, we move closer to establishing it in enduring policy. This will eventually lead to UT/E experience as a prerequisite for the future Aviation Tactics Instructor Course (ATIC).

The movement toward ATIC is well underway by 110th Aviation Brigade and DOTD. The tangible shift to more tactically focused instructor pilot courses for all airframes began in January this year. Some of the key developments within these courses contribute relevant and critical classified academics including integrated air defense systems (IADS), RF Theory, IR/RF Weapon Systems, Joint Operations/Fires, Fused Mission Planning, CEMA (cyber electromagnetic activities)/Space Operations, and Intelligence Support to Aviation.

## Honing the Edge

This April USAACE will host the inaugural Aviation Warrant Officer Intermediate Level Education-Follow On course (AvWOILE-FO). Yes, that is a mouthful. This much anticipated third phase of WOILE is aviation specific, tactically focused, and will be required for completion of this step in WO PME. AvWOILE-FO takes much of the great instruction enjoyed by our AWS graduates and tailors the curriculum to our aviation warrant officer SMEs (CW3s and CW4s) who will lead and advise at the battalion and brigade levels. I encourage you to SIGN UP NOW! I'll be in there with you.

Every day I witness team members from across the branch contributing their efforts and expertise to develop and evolve our capability to fight and thrive on the LSCO battlefield. Every day I am inspired and grateful to be in your company.

Above the Best!

*CW5 Michael "Myke" Lewis is the ninth chief warrant officer of the Aviation Branch with the U.S. Army Aviation Center of Excellence, Fort Rucker, AL.*




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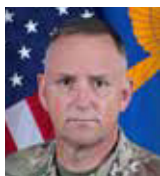
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# Focusing on Maintenance Training

By CSM James D. Wilson



U.S. ARMY PHOTO

The last year has passed with blazing speed. We have made significant progress on some of the topics I discussed in the 2021 state of the branch article.

*An AH-64D from 2-6 CAV, 25th CAB flying near the USS Arizona Memorial in Pearl Harbor, Honolulu, HI.*

I've had the opportunity to visit multiple Aviation Brigades and talk to numerous Soldiers and Leaders about where we are as an enlisted force and where we are going. I continue to be amazed by our soldiers' ingenuity, dedication, and drive as they encounter and solve complex problems. Our great soldiers enable aviation formations to provide world-class support to ground force commanders.

## AMTP

Implementation and success of the Aviation Maintenance Training Program (AMTP) (TC 3-04.71) remain the number 1 priority. I have discussed the benefits and the challenges associated with the AMTP with most of the Aviation brigade CSMs. As I travel to

visit our aviation formations, I see varying degrees of implementation and receive multiple questions on the program. In response to questions and confusion about the AMTP, the Commanding General, USAACE, directed the Directorate of Training and Doctrine (DOTD) to build and deploy a team of subject matter experts to create a shared understanding of challenges at the unit level. This team will travel to or meet virtually with every aviation brigade across the aviation enterprise. These visits aim to review Unit SOPs and provide instruction on proper implementation of individual aviation maintainer training folders and record-keeping. DOTD visits will not be inspections; they will help units understand the AMTP and

build momentum to successful implementation. Each visit, DOTD will have the opportunity to see and address challenges in TC 3-04.71. Each visit will provide the opportunity to export best practices across the Aviation Branch. I urge every Aviation Brigade to reach out to the DOTD team and schedule a visit.

We are currently implementing a change to the AMTP that will allow supervisors to evaluate tasks, regardless of whether they are technical inspectors or not. The supervisor must be designated by the O-5 commander and be qualified on the tasks they evaluate. The purpose of this change is to emphasize that Leaders own the training and progression of their Soldiers and to ensure technical inspectors remain





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laser-focused on safe, high-quality aviation maintenance. I receive positive feedback at every unit visit, referencing this change. The AMTP will continue to evolve and improve as we encounter and solve challenges as they surface. Every leader I have spoken with agrees that the AMTP is the right idea at the right time. Ensuring we track the training and progression of our maintenance Soldiers is long overdue. The AMTP is foundational to developing the highly skilled teams we will need to fight and win on the future battlefield. As aviation maintenance professionals, we must continue to drive the AMTP to success.

Automating the AMTP remains a top priority. We are currently looking at multiple courses of action to streamline documenting training and progression. The focus remains on allowing data to be captured at the point of entry and migrating that data to DTMS automatically. The ultimate goal is to eliminate multiple steps and provide better situational awareness of individual soldier training. We must provide a better process for tracking maintenance training and progression than the current entry requirements. We are push-

ing extremely hard to find a solution as rapidly as is possible.

### Training Opportunities


Every maintenance action is a training opportunity; never miss an opportunity to train. Using maintenance operations to train and develop young aviation Soldiers is the most important thing we will do as leaders. Developing a training strategy that drills down to each Soldier's progression will ultimately lead to highly developed aircraft mechanics. As I travel, I ask leaders if they develop their training schedule parallel with the phase maintenance calendar? The answer is usually "no." We plan our phase maintenance calendars in great detail; what a great opportunity to develop a training schedule to support Soldier progression. Scheduled and unscheduled maintenance will also provide incredible opportunities. The only way to capitalize on these opportunities is to know each of your Soldiers' training requirements. I realize you all know this already; what we fail to do sometimes is take advantage of the training and progression opportunities of every action we do. Our Pilots seldom take off and conduct flights

without understanding the training and progression opportunities or the training requirements of the aviators flying. We have to get to that type of fidelity on maintenance actions. Training is NCO business, and our Commanders expect us to build readiness through challenging realistic training. Every maintenance action is a training opportunity.

I chose the photo for this article for two reasons. First, the AH-64D from 2nd Squadron, 6th Cavalry Regiment, 25th Combat Aviation Brigade is a reminder that we will go to war with what we have, so train hard and continue to maintain our aircraft and equipment in a world-class manner. Second, the memorial of the USS Arizona serves as a reminder of the enormous price of being caught unprepared. Army Aviation has a proud legacy of ingenuity, tenacity, and heroic action; we will continue to stand ready at freedoms gate.

### Above the Best!

*CSM James D. Wilson is the command sergeant major of the Aviation Branch at the United States Army Aviation Center of Excellence, Fort Rucker, AL.*




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# Who's the Smartest One in the Aircraft?

By MAJ Christian Kennerly

While the title of this article is tongue-in-cheek, the topic is a serious one that aircrews may not give enough thought.

Module 8 (Crew Coordination) in the aircrew training manual, states: "Each crewmember must actively participate in the mission planning process to ensure a common understanding of mission intent and operational sequence." Honestly, how often do we brief mission details down to the lowest level with each crewmember? Or does the pilot in command (PC) typically have the most detailed knowledge about the mission and tasks, AKA "the smartest one in the aircraft?"

We place a lot of trust, responsibility, and authority with the most experienced aviator in the aircraft. Be it an instructor pilot (IP), maintenance test pilot, air mission commander or PC, they're expected to make critical, real-time risk assessments and decisions for the aircraft or flight. These subject matter experts also have the mandate to engage the crew to ensure everyone understands the mission. Statistically, poor crew coordination is overrepresented as a factor in Aviation mishaps, as are IPs. Can we connect these as a potential hazard?

The following mishaps provide powerful, real-world examples of how the concentration of knowledge in one person in the aircraft contributed to two catastrophic events. The first occurred during a close-range attack and involved an aggressive maneuver, which, although well-known to the unit, required a high degree of understanding and skill. The PC (IP) hastily decided to demonstrate the maneuver to a new (to the aircraft) pilot (PI). The maneuver wasn't discussed other than some brief commentary about how the PI was "not going to like it" because of the severity and abruptness of



U.S. Army 1LT Jared Thompson, foreground, a CH-47 Chinook helicopter pilot, provides a mission brief to SSG Ignacio Lopez, back left, PFC Zach Fike, back right, and CW3 Andre Lavallee, right, prior to a personnel and equipment movement mission at Bagram Airfield, Parwan province, Afghanistan, Sept. 22, 2013. The Soldiers were assigned to Bravo Company, 2nd Battalion, 149th Aviation Regiment, Texas, and Oklahoma Army National Guard, attached to the 10th Combat Aviation Brigade.

entry into the steep dive. The PC lowered the nose more than 60 degrees, and, during the recovery attempt, the aircraft impacted the ground. Two crewmembers died and the aircraft was destroyed.

The second mishap was a simulated emergency procedure (EP) involving an un-commanded nose-down attitude. The PC (IP) simultaneously used the manual stabilator slew switch while silencing the audio warning to create the simulated EP. After the first iteration, the PI appeared confused as to what he did wrong. The IP initiated a second EP demonstration without explicit guidance on how it would be done differently, causing further confusion and hesitation by the PI. With the stabilator full-down at cruise airspeed, the aircraft lost longitudinal control and impacted the ground. Three crewmembers died and the aircraft was lost.

Both mishaps are tragic examples of only one person, usually the PC, having situational awareness. As a result, the rest of the crew was unable to provide input that could have prevented the catastrophic ending. If you are the smartest

one in the aircraft – i.e., the only person who has full understanding of what is supposed to happen – are you rendering your crewmembers' expertise moot and increasing the risk? What assistance could they provide to ensure the aircraft remains in a safe profile? An experienced, non-rated crewmember in the back of the aircraft is a huge asset, and a mishap is averted when a heads-up crew chief assesses the danger and tells the pilots to knock it off.

Training realism is great, as is simulating combat conditions when appropriate, but crew coordination trumps both. Keep the entire crew informed throughout the mission, and if you change something, conduct a hasty brief in the aircraft. Constantly update each other as a crew to eliminate the centralization of knowledge in one person. Use all of your crewmembers and avoid being the smartest one in the aircraft!

*MAJ Christian Kennerly is the G3, Investigations, Reporting and Tracking, U.S. Army Combat Readiness Center, Fort Rucker, AL.*



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# Alaska ARNG Aviation Wins DUSTOFF Association Rescue of the Year Crew

By SPC Grace Nechanicky, Alaska National Guard Public Affairs

Four members of the Alaska Army National Guard's Detachment 1, Company G, 2-211th General Support Aviation Battalion (GSAB), 207th Aviation Regiment, were announced as the 2021 Rescue of the Year crew by the DUSTOFF Association in early February for their efforts in a rescue last fall.

At approximately 1:30 p.m. Sept. 15, 2021, a sheep hunter activated his InReach satellite communication device to send an SOS signal to the Alaska State Troopers (AST). He was suffering minor cold weather injuries and malnourishment near Cottonwood Creek, 40 miles northeast of Anchorage, down the Knik River Valley. The hunter was stranded at an elevation of 5,750 feet for two days on a three-by-three-foot ledge that was on a 50-degree slope when it started snowing and made it impossible to descend.

Once the AST received the distress signal, they immediately requested assistance from the Guard through the Alaska Rescue Coordination Center. The AKRCC sent the request to the 207th AVN, where CPT Cody McKinney accepted the mission as the pilot in command and prepared to launch a hoist-capable HH-60M Black Hawk helicopter with medevac crew.

"When we got this call, the [cloud] ceilings were forecasted below the hunter, and we knew that it was a technical rescue if we could even get to him," said McKinney, who is also deputy state army aviation officer and commander of Co. G, 2-211th GSAB. "We thought 'what type of medevac unit are we if we don't try?' so we decided to launch knowing that we might not be able to get up to him, and we just talked through the mitigating factors."

McKinney, CW2 Bradley Jorgensen, the mission pilot, SSG Sonny Cooper, the crew chief and hoist operator, and SFC Damion Minchaca, the flight paramedic and hoist rider, departed Bryant Army Airfield on base at approximately 2:30 p.m., just one hour after the hunter sent his SOS.

The team was determined to rescue the hunter, according to McKinney. Weather forecasts predicted that the early-winter snowstorm would only get worse, which would leave him stranded for at least another couple of days if the crew didn't act quickly. "We saw a small hole [in the clouds] tucked up against the mountains, so we took our opportunity to go up through there," said McKinney. "Once you get in between two layers like that, there's a risk that the hole closes up if there's cloud movement, and there was. At that point, we were fully committed to this guy and to finishing the rescue."



Alaska Army National Guard CW2 Bradley Jorgensen, SFC Damion Minchaca, CPT Cody McKinney, and SSG Sonny Cooper, all members of Company G, 2-211th General Support Aviation Battalion, pose for a photo in front of an HH-60M Black Hawk helicopter at Bryant Army Airfield on Joint Base Elmendorf-Richardson, Feb. 17, 2022.

Once they made it through the base cloud layer, they used a dynamic hoist technique to retrieve the stranded hunter. Unlike a static hoist where the helicopter hovers over the target, the dynamic hoist technique allows for quicker, precise extraction without bringing the aircraft to a prolonged hover.

"We will fly towards the target, open the door, and bring the hoist rider out, all while we're flying about 60 or 70 knots," explained McKinney. "Then we approach the target while that hoist rider is also descending."

The medevac team did this in white-out conditions, with extremely limited visibility. "It's basically as if we were inside of a ping pong ball where everything around you is white and you don't have a good visual reference," he explained. "And when you're trying to do a hoist at almost 6,000 feet to a one-foot section, it's fairly technical because a lot could go wrong."

Once Minchaca landed on the ledge, he pushed the hunter back against the mountain wall so he couldn't fall while he secured him in an aviation rescue vest. In just over one minute, the hunter was safe and being hoisted up into the helicopter to be transported to Palmer airport.

The rescue award will be officially presented to the four crew members in San Antonio, Texas, May 21 during the DUSTOFF Association Annual Awards Banquet Ceremony.

The association, established in 1980, is a nonprofit veterans' organization for enlisted, officers, families, and others who have ever engaged in or supported Army aeromedical evacuation programs.



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# Tail Aerodynamics

By Dr. Thomas L. Thompson

One of my first assignments in the helicopter industry was to work with a senior aerodynamicist to develop an improved tail design.

We collaborated with engineers from various disciplines, including handling qualities, dynamics, structures, airframe design and the prototype build shop, to define, design and build several candidate tail configurations for flight testing. I helped size the tail surfaces, define the airfoil section geometries, specify tail incidence angles, and recommend the instrumentation that we would use to evaluate the performance of the different configurations. It was my first flight test, and I was confident that the test results would validate the effectiveness of each of our designs.

I rose early on the morning of our first test and charged into the briefing room several minutes before the test engineer called the meeting to order. There were two others waiting in the room, a senior data engineer who had flown helicopters in Vietnam, and an elderly gentleman who had worked in developmental flight testing for more than 40 years. They introduced themselves, and then asked, "So, do you really think any of these designs has a chance of working?" I quickly replied, "Oh, yes, why not? Do you know something I don't?" As I would soon discover, they knew a lot of things I didn't know. By the time we recommended a final design, we had tested more than ten different configurations. During the lengthy and often frustrating test program, I learned to appreciate the complexity of the flow field in the vicinity of the tail surfaces and the various design considerations that influence the size, shape, location, and incidence of a helicopter tail configuration.

The flow field around a helicopter tail configuration is often characterized in terms of its strength (dynamic pressure) and direction (angularity). Aerodynamic interference from the main rotor hub, fuselage and other components located upstream of the tail, along with flows induced by the main and tail rotor wakes, change the dynamic pressure (relative to freestream) and the angularity of the flow over the tail. Flow surveys conducted in flight test and in powered wind tunnel model tests have shown that dynamic pressure and flow angularity can vary significantly from root to tip of the tail. Test data shows the extent of these variations depends on the flight condition and the placement of the tail relative to other components of the aircraft.

The difficulty in predicting these flow characteristics has caused disappointment and disruption of many helicopter development programs. Designers quickly discover that their calculations were wrong and that changes need to be made. Ray Prouty and others have written of the struggles with the prototype Apache T-tail design which eventually changed to



YAH-64 Apache T-Tail Design

a low-mounted, movable horizontal tail and high-mounted tail rotor for the production aircraft. For the Apache and several other aircraft, designers have found that the variation in the flow field with flight condition is so great that one or more of the tail surfaces needs to move to satisfy aircraft handling qualities requirements or to maintain aircraft loads within acceptable levels.

The size (area) of the tail is normally determined by handling qualities requirements but may also be driven by unique program or customer requirements, like, for example, the requirement for Apache and Black Hawk aircraft to be able to maintain level flight at the speed for minimum power following loss of tail rotor thrust. Trim and loads requirements drive the choice of tail incidence angle for fixed surfaces. For moving tails, or tails with elevators or rudders, designers select the range of incidence to satisfy flight performance, handling qualities and load requirements over a broader set of flight conditions.

In addition to the vast experience gained through many years of development programs, today's aerodynamic designer is also equipped with computational tools that can predict (to some extent) the complex flow field in the vicinity of a helicopter tail surface. The designer would be wise, however, to heed the advice of Dr. Shantha Kumar, who recommended in a 1996 Vertical Flight Society technical paper on tail design: "The best approach is to anticipate changes during development and incorporate sufficient flexibility into the [tail] design and tooling to fine-tune helicopter performance and handling qualities as needed."

*Dr. Thomas L. Thompson is the Chief Engineer for Aeromechanics, Systems Readiness Directorate, U.S. Army Combat Capabilities Development Command Aviation & Missile Center, Redstone Arsenal, AL.*



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## ► Ask the Flight Surgeon

# Clarifying Misconceptions on COVID-19 Vaccines

By MAJ Matthew R. Cooper, DO

Let's start with a brief synopsis of COVID-19. It is caused by a coronavirus, the same family of viruses that cause common colds.

Coronaviruses cause upper respiratory infections spread by respiratory droplets (coughs, sneezes, residual mucous on hands, etc.). This is why mask wearing and hand washing are recommended to help prevent disease spread. While these prevention methods do work in reducing the spread of disease, they are not 100% effective.

This is where the vaccines come into play. Currently there are three vaccines available to use against COVID-19. The manufacturers are Moderna, Pfizer, and Johnson & Johnson. The first two are mRNA vaccines, meaning that the vaccine carries messenger RNA (a blue-

print for making protein on the surface of the COVID virus) which allows our body to generate an immune response to these surface proteins to achieve immunity. Johnson and Johnson is a viral vectored vaccine, meaning that it uses a different virus than COVID-19, but the virus has been engineered to express the surface proteins of COVID-19. These surface proteins are again what cause an immune response in our body and generates immunity to COVID-19.

### Facts Versus Myths

*The vaccines alter our DNA* – Not true. mRNA vaccines have no way of

incorporating the viral mRNA into our DNA. Both mRNA and viral vector COVID-19 vaccines deliver blueprints to our cells to start building immunity via surface proteins against the virus that causes COVID-19. However, the material never enters the nucleus of the cell, which is where our DNA is kept.

*The vaccines have caused people to be magnetic* – Not true. COVID-19 vaccines do not contain ingredients that can produce an electromagnetic field at the site of your injection. All COVID-19 vaccines are free from metals.

*The vaccines have anti-freeze in them* – Not true. The vaccines have polyethylene glycol which is a derivative of ethylene glycol (antifreeze component). Polyethylene glycol is the polymerized form of ethylene glycol, which is non-toxic, odorless, colorless, and inert. In fact, polyethylene glycol is so gentle we



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use it as a laxative in the medical world – even in small children.

**Many adverse side effects have been reported in the Vaccine Adverse Events Reporting System (VAERS)** – True, however, adverse events and issues are reported using this system without verification. It is important to know that reports are not fact checked in a scientific manner and definitely doesn't prove a causation between a reported event and the alleged vaccine use. As a medical provider, the system only informs us that we may need to look into the adverse reported events. Throughout this pandemic these adverse reports have been checked and most have been refuted.

**The vaccines can cause myocarditis** – True, however, the risk of not having the vaccine poses a greater risk to your health. While the vaccines have shown some cardiomyopathy instances, they are mostly all mild to moderate in nature and seen in 16-24 year old males. These males have a great recovery rate and many had no symptoms of the cardiomyopathy. The fact remains that the risk and the severity of cardiomyopathy from COVID infection is much higher than the vaccine. With the vaccine the risk of myocarditis was about 2.13 per

100,000 patients whereas the risk of myocarditis with infection is about 150 per 100,000 patients.

**If you have had COVID you don't need to be immunized** – Not true. People who have had COVID can be re-infected, similar to the common cold or flu. We do not know how long natural immunity lasts to this virus. But we do know that adding the vaccine increases immunity and helps prevent illness contraction or at the minimum, prevents severity of illness.

**There were 2 ICU admissions and a death related to COVID vaccines in the DOD** – Not true. There have been no substantiated deaths due to immunization in our active duty, dependents, or department of Army civilians, however, there have been multiple COVID deaths in non-immunized DoD personnel and contractors.

**There have been mishaps related to the vaccines** – Not true. The U.S. Army Safety Center assessed all U.S. Army Aviation mishaps in the safety reporting database and determined there were no immunization related air or ground mishaps. The DoD has considered the health of the force and its impact on our national defense and the DoD's strate-

gic mission and only mandated the vaccine once one or more of the vaccines obtained a full FDA approval.

In summary, from all the evidence we have thus far, the vaccine is safe and offers protection for the individual and those around them. Even with Omicron variant we are seeing that while we can't prevent 100% of infections with vaccines, they are still highly effective in the prevention of hospitalization and death if the disease is contracted. More than 6,858,358 doses have been safely given by the DoD to date.

Fly Safe!

## Questions?

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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*MAJ Matthew Cooper D.O. is a flight surgeon at the U.S. Army School of Aviation Medicine, Fort Rucker, AL.*



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## DAMO-AV – ReARMM to Reality

By BG Clair Gill and LTC Chris Zotter

**S**ee if this sounds familiar: It was a sweltering August afternoon at the Rotational Unit Basing Area (RUBA) at the National Training Center with the Torch Party. I was on a tele-conference call with our unit command team, attack helicopter company commander, production control officer, and our training officer, still back at home station. We were assessing if we could install AVR-2 Laser Detection Sets on our newly fielded AH-64Es, while at Bicycle Lake, before jumping into the box. Fielding delays left our unit receiving aircraft within weeks of our departure for a combat training center rotation, and we would have limited integration with the training engagement system without this mission equipment installed. At the end of the call, we noted the simultaneous delays we experienced as we prepared our

outgoing aircraft for transfer to another unit; and external headquarters were calling for daily updates on the transfer of these mission-critical aircraft. As soon as I could access my work e-mail, I saw the urgent note from our DIV G-4: the excess generators our Forward Support Company was transferring to the new I2CEWS battalion were turned back for a quality control stamp – our battalion would be responsible for the high priority unit not being S-2 by the declared date. It was at that moment I paused, and asked myself, “Just what is the priority right now?” **By making everything the priority, nothing was the priority!** Modernization conflicted with training; we were receiving the Army’s newest equipment, but we didn’t have dedicated time to become familiar with it in preparation for a major training

event. HHQ directed excess equipment divestiture without consideration of protected training time, and by trying to do everything, we were literally failing everywhere – always one step behind, like playing whack-a-mole. This is precisely the scenario we will address with ReARMM!

### The ReARMM Model

Now that our Army is less than a year out from full implementation of the Regionally Aligned Readiness & Modernization Model (ReARMM), it’s important for the Aviation community to understand why we are doing this and how it will affect our formations:

- What does this new model mean?
- What’s different from past models?
- How can we prevent putting aviation formations into a position





U.S. ARMY PHOTO

1st Squadron, 17th Cavalry Regiment fields an AH-64E.

where modernization, training and missions are in perpetual conflict with each other?

■ How will we modernize our Army?

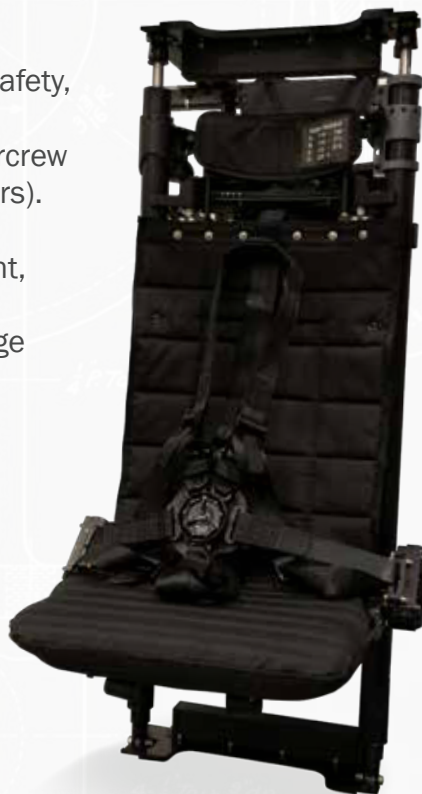
In ReARMM, units across the Army will adopt a three-phase cycle: a Modernization Phase (8 months), a Training Phase (8 months), and a Mission Phase (16 months). For most FORSCOM combat aviation brigades (CABs), the Mission Phase is further broken into a Prepare-To-Deploy (PTDO) Mission Phase, followed by a Deployed Mission Phase. CABs assigned Outside the Continental United States (OCONUS) will continuously modernize (at a sustainable rate) based on their enduring mission requirements.

Previously, we used the Army Force Generation (ARFORGEN) Model to support constant global force manage-



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ment deployments, followed by equipment reset (and personnel cliffs), intensified training and deployment phases. The Sustainable Readiness Model (SRM) normalized and moderated unit readiness amid regular deployments (but mitigated the personnel exodus). Unlike previous readiness models, ReARMM recognizes the Army need to modernize (after two decades of persistent combat deployments) in a responsible way, while protecting subsequent Training and Mission Phases to generate and maintain readiness. Make no mistake, the second R in ReARMM still supports the Chief of Staff Army's (CSA) direction to build, generate and maintain our Army as a READY force, while continuing to implement our People Strategy. Here's what it will look like.

### Modernization Phase

When a CAB is in its dedicated Modernization Phase, modernization is the mission! The Modernization Phase is where we are scheduling unit modernization activities to increase future lethality and survivability. It is not a phase where we simultaneously modernize, maintain normal DA

readiness rates, and train to our highest readiness levels! (Commanders, this is for you – It's OK to report a lower readiness rating during Mod phase! That's intentional.) During Modernization Phase, we will also divest legacy systems (busy time for 92Ys, PBOs, hand receipt holders, and property book owners) and focus time to conduct individual training/development (think qualifications and schools to "modernize our people" too).

Fiscal limits on new system procurement – and physical limits on how fast we can field them – will temper force modernization rates and capacity. We also can't afford to shut down all training in a CAB to support modernization, otherwise unit readiness would suffer in the short and long term. A CAB in its Modernization Phase will still be expected to maintain individual aviator and crew proficiency regardless of system modernization; and if there are only minimal modernization activities planned, the unit would naturally be able to train to a higher level of collective proficiency. The chart at Figure 1 shows some examples of what a unit might experience during the three phases.

*So, what will a Modernization Phase look like in a CAB?* Well, each CAB will be unique, and to help set expectations for the CAB/Division leadership, we will execute pre-modernization briefs with the units up to a year in advance, ensuring we have buy-in on the number of aircraft we can modernize, what systems and modifications to execute, where the work will take place, and what is needed of the CAB. In some cases, work will be done at the CAB's location. In other cases, work will be done at a Modernization Center of Excellence to maximize efficiency, reduce costs, and return modernized aircraft back to the CAB as quickly as possible. We will also make sure CABs know how many aircraft they will have on-hand to continue individual and crew level training. The going-in estimate is that CABs will never have more than one assault and attack company, or more than one platoon of heavy lift, MEDEVAC and C2 aircraft in modernization at one time, to balance unit requirements.

While we tend to focus our attention on aircraft for modernization, the Modernization Phase also provides the most opportune window to modernize our most important asset, our People! CABs coming off a Mission Phase can leverage this time to maximize attendance at schools, reset our people with block leave, conduct individual and crew training on new arrivals, and tackle our officer and NCO education system requirements. We expect that more permanent change of station moves will occur within modernization windows, although the existing manning cycles in use across the Army will continue to operate with the two annual officer manning cycles and the five annual enlisted manning cycles.

As a unit fields new equipment in their Modernization Phase, excess or legacy equipment will naturally be divested. The Army Material Command has started establishing Modernization Displacement and Repair Sites (MDRS) at installations that will ingest legacy equipment from units for future transfer or turn in. Additionally, during the semi-annual Army Modernization and Equipping Conference, modernization and divestment decisions will be made with respect to the timing of each unit in their modernization phase. The PSDs (Proposed Sourcing Decisions) that have previously hindered units by directing equipment transfers at all (often-incon-



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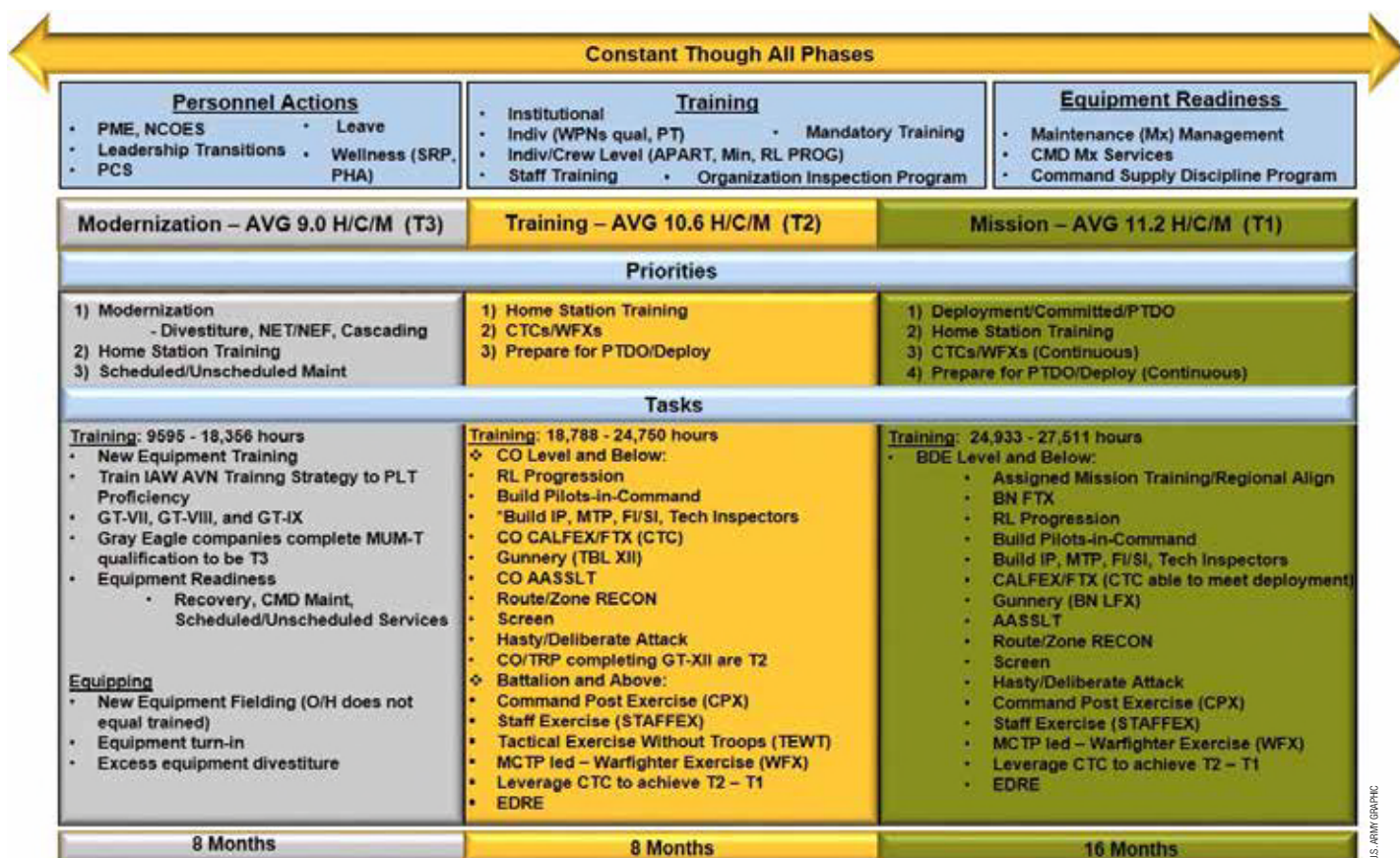


Figure 1. ReARMM Phases Examples

venient) times of the unit training calendar, will be scoped for execution within the CAB Modernization Phase.

One final word of caution for the Aviation community on modernization. Many of our modernization efforts across the next several years are focused on improved survivability, lethality, and safety. While we do still have limited new aircraft fieldings scheduled, most of the work ahead is modernizing our existing fleet. We are shifting from the “rental car fleet” approach (constant transfers) and focusing on modernizing CAB-assigned equipment. Some CABs will be aligned to specific missions: Joint Forcible Entry CABs, Penetration Division CABs, and Forward Assigned CABs will be prioritized. With this focus, we expect to see less mass-transfers of aircraft and equipment, saving time, money, and a lot of work for our Soldiers.

## Training Phase

The Training Phase should look and feel familiar to us all. This is our time for unit leaders to integrate new Soldiers and build off the individual skills and readiness maintained in the Mod Phase. Army senior leadership has been consistent about focusing on building readiness (in a People First

Environment) focusing on company-and-below collective training. Battalions and Brigades should still plan/execute training, but it will capitalize on the fundamentals and foundation set during this phase – likely culminating with CPXs, FTXs, and CTC rotations.

## Mission Phase

In the Mission Phase, a CAB can expect to execute a deployed mission for which it was specifically trained (including contingency response force (CRF), Defense Chemical, Biological, Radiological, Nuclear Response Force (DCRF), regionally aligned exercises/missions) or continue to execute higher echelon training as it assumes a high state of readiness in a Prepared-To-Deploy footing. As our global requirements continue to change based on the adjusting global priorities for the Army, a Mission Phase may include periods of time where the CAB (or its subordinate elements) executes Dynamic Force Employment of a COCOM-requested force package. This will demonstrate the Army’s resolve and commitment to our Allies and exercise our expeditionary mission essential tasks.

To wrap up, as we close the Afghanistan War chapter (and re-mission our

role in Iraq), ReARMM is the model the Army and the Aviation enterprise will use to deliberately meter current and future readiness. And while new equipment is being developed for the future of our Army and our branch, we must also keep our current fleet on pace with advancing technology and emerging threats. The ReARMM model provides Department of the Army level oversight to limit distractors and help units prepare for Large Scale Combat Operations in support of our National Defense Strategy. As we pull pitch on putting the “Reality to ReARMM,” we will certainly face challenges and frictions along the way, and we’ll appropriately adjust. I look forward to the Aviation community bringing “ReARMM to Reality” as we modernize the world’s most capable aviation force to be ready for the future.



BG Clair Gill is the Director of Army Aviation and LTC Chris Zotter is the Aviation Operations and Readiness Officer at Headquarters, Department of the Army G-3/5/7 (DAMO-AV).



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## AMCOM: Sustaining Readiness Today; Preparing for Tomorrow

By MG K. Todd Royar

**T**he threats are real. Our need for both current readiness and modernization is more acute than ever, and our requirements likely exceed our resources.

What to do? Given that approximately 70% of the cost of a weapon system is borne after its initial acquisition, sustainment will be the key to how we navigate the balance and need for both readiness and modernization.

I contend that our tooth-to-tail ratio – the number of military personnel and resources it takes to supply and support each combat Soldier and weapon system – is not where we want or need it to be. While I am arguably the biggest proponent of aviation sustainers, ultimately, I want fewer sustainers so we can afford more proverbial trigger pullers. That will not happen unless we make a concerted effort to make it so. Modernization poses both challenges as well as numerous possibilities in changing our tooth-to-tail ratio while ensuring readiness.

Today, we have three major rotary wing platforms and two major unmanned aerial systems. With the realization of our signature modernization efforts (the Future Attack Reconnaissance Aircraft, the Future Long-Range Assault Aircraft and the Future Tactical Unmanned Aircraft System) plus the enabling efforts like the T901 engine, the number of different systems the Army will maintain is growing. While the overall quantity of weapon systems in our inventory will not go up, the number of individual components managed will as we maintain both the enduring fleet and the future fleet. To drive the tooth-to-tail ratio in the right direction requires action now.

*The Joint Autonomous Repair Verification and Inspection System (JARVIS II) inspects and repairs Black Hawk main rotor blades robotically repairing UH-60L blades, reducing the time to repair from more than 30 days to less than a week with exceptionally better accuracy.*

Based on resource constraints, we do not have the luxury of developing independent solutions for each of our platforms. Our only way to get after the tooth-to-tail ratio is to develop common solutions that will benefit our enduring fleet and the future fleet. This is certainly a challenge as many of the current systems are unique and, in some cases, also proprietary. To tackle this challenge, AMCOM is relentlessly focusing on commonality in the areas of data, processes and robotic repair.

### Data Is The Basis Of Everything We Do

The measure of success is not having a lot of data but having enough quality data and the analytical systems in place to use the data to make appropriate decisions. In too many areas today our data systems are unique to one platform or organization or are simply ill-defined. To address this, the enterprise is working on several data solutions to bridge the gap of what we have today and what we will need in the future.

First, we are working to set the standard for three-dimensional drawings of components and systems. Most of our data repositories today are electronic, but they are largely .pdf files of two-dimensional drawings. New systems are being developed in three-dimensional, computer-aided design (CAD) files, but the standards of those files differ





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depending on which manufacturer produces them. To help establish a standard, we are creating a digital twin of a UH-60L by scanning every structural component of the aircraft.

The digital twin will enable us to make parts faster through either traditional or advanced manufacturing means. However, the more lasting benefit is the digital twin is helping us define a standard for 3D CAD files for the future. The specific format of the files matters – as does the additional data associated with each part, such as what it is made from or what additional manufacturing processes are required (e.g., heat treatment). Our investment in the UH-60L digital twin helps pave the way for the data standards we will use for future systems. Having a common data standard will also help lower the cost of spare parts in the future as we take advantage of advanced manufacturing techniques.

We are also using data to integrate Aviation with the rest of the Army via the Global Combat Support System–Army (GCSS-A). As the community is aware, we integrated the Aircraft Notebook (ACN) with GCSS-A just over a year ago. Additional software drops will further improve the system. For example, GCSS-A 2.3, which comes out this summer, will provide visibility of all parts in the supply system (wholesale, supply support activity, and shop stock). Knowing exactly where our parts are, will help ensure we have them in the right place at the right time. In addition, GCSS-A 2.5 will add in safety reporting that will reduce the workload on our maintainers who have been using multiple systems to input and track this data.

Finally, the great work by the Future Vertical Lift Cross Functional Team and PEO Aviation on the Modular Open System Approach (MOSA) will reduce integration and post-production software support costs as new capabilities become available.

## Adapting Our Processes Is A Necessity

Improving our data standards is an important step, but we must update our processes to take advantage of what information the data will provide us. Those processes are at every echelon within the enterprise, from crew chiefs to parts item managers.

Reliability entered maintenance is an effort to optimize our maintenance systems in order to avoid over-maintaining our platforms. The CH-47F transition to Maintenance Steering Group 3 (MSG3) scheduled maintenance is one example of actions being taken on the enduring fleet. Based on its success, our future systems will likely incorporate many of the same processes.

At the enterprise level, we are also starting to use artificial intelligence and advanced modeling to optimize the supply system. Automated processes can help determine what parts we need to buy and when we need to buy them faster than our current manual processes. This will enable us to essentially manage more items with fewer people, thus reducing overall costs.

There are countless other examples of processes being adapted to help reduce resources requirements. We should – and are – challenging every one of our processes to enable efficiencies.

## Robotic Repair Is Becoming A Reality

Just as we want to improve our processes, we are making changes at Corpus Christi Army Depot (CCAD) and our other facilities to improve commonality and reduce costs. This year, we will expand our use of robotic capability in several areas.

We just added a blade repair machine known as Joint Autonomous Repair Verification and Inspection Systems or JARVIS II at CCAD. Produced by the National Institute of Aviation Research (NIAR), JARVIS II will robotically



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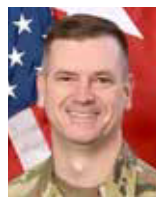
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repair UH-60L blades reducing the time to repair from more than 30 days to less than a week with exceptionally better accuracy. As it begins production, we are already looking at adapting the machine for other blades, as well.

AMCOM is also partnering with NIAR to produce a robotic wiring harness production machine. Currently, the process of building a new wiring cable or a wiring harness is virtually all manual and is tedious and time consuming. We're confident that this new capability will revolutionize production within the next several years.

Those are just a few of the innovations AMCOM is implementing that have commonality between the enduring and future fleets and there are more to come.

Our goal is still the same: To maintain our Army's readiness today and in the future. To ensure our future readiness, we must modernize. The extent to which we can modernize will partially rely upon how much we can adjust our tooth-to-tail ratio in the not-too-distant future. Ensuring common and cost-effective solutions that bridge the gap between the enduring and future fleets is a critical component to achieve that goal. Working alongside Future Vertical Lift and PEO Aviation, AMCOM is committed to achieving that goal.



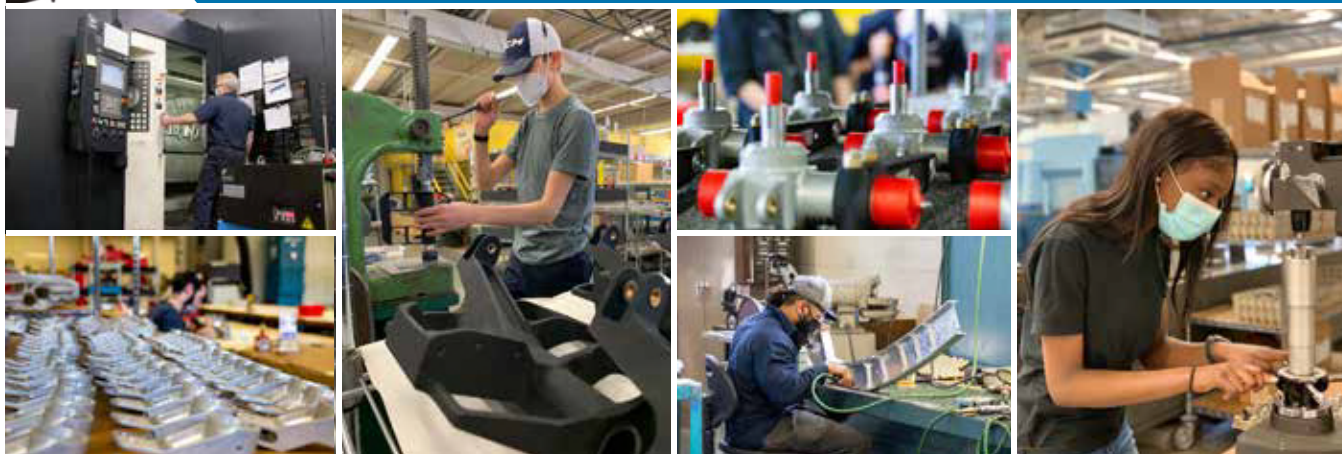
*MG K. Todd Royar is the commanding general of the U.S. Army Aviation and Missile Command (AMCOM) at Redstone Arsenal, AL.*



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## PEO Aviation – Modernizing the Enduring Aviation Fleet

By BG Robert Barrie

**P**rogram Executive Office, Aviation is partnered with the Aviation enterprise to develop Future Vertical Lift (FVL) capabilities while maintaining the readiness and relevance of the enduring fleet. FVL platforms and technologies will increase the operational reach and effectiveness of Army aircraft against near-peer competitors. As a result of the Army's modernization emphasis and the cooperation between the Aviation enterprise and industry, along with innovative acquisition authorities and techniques, the first FVL aircraft are on track to become operational in 2030.

In parallel, PEO Aviation is seeking opportunities for targeted modernization of our enduring fleet. When the first FVL aircraft arrives at an operational unit, it will be on the

ramp next to some of the more than 15,300 enduring systems that currently support U.S. forces and allies around the world. Even as FVL systems are fielded, Apache, Black Hawk and Chinook helicopters will continue to populate the Army's flight lines. They are mission critical now and will be critical to Army Aviation well into the future.

We are leveraging FVL technology investments to increase the maneuverability, endurance, lethality, and survivability of existing Army Aviation platforms. Our team remains focused on readiness of the enduring fleet for future Large Scale Combat Operations (LSCO) and supporting the Army's transformation into a multi-domain force. This readiness requires targeted modernization of the enduring aircraft fleet to maintain its relevance. However,

modernization is challenged by budget constraints and the ability to integrate new technology into existing platforms.

Maximizing our finite resources to develop and field FVL capabilities while simultaneously modernizing the enduring fleet is a significant challenge. The enterprise is balancing these requirements by ensuring that we target investments in emerging and breakthrough technologies. Ideally, these technologies facilitate our future systems and allow for incremental improvements to the existing platforms.

To keep our modernization efforts affordable, we have discarded the paradigm of old platform-unique upgrades. We are using a holistic approach to develop systems that work across the existing platforms and integrate seamlessly into the future





U.S. ARMY PHOTO BY SPC CLAW LALER

*The enduring Army aviation fleet will remain an essential part of Army aviation. It will require appropriate, targeted modernization to maintain its readiness and relevance. This focused modernization effort will provide improved capabilities in the enduring fleet and inform the requirements and reduce risk for the future fleet.*

fleet. With this new approach, we maximize our return on investment and we avoid individualized, stove-piped solutions that do not optimize capability across our portfolio.

### **MOSA Integral to Efforts**

Applying Modular Open Systems Approach (MOSA) principles is integral to optimizing our modernization efforts and transforming our materiel life cycle. MOSA is the unifying concept that allows for optimization across both the enduring and future fleets. This mindset will allow us to integrate new technologies onto existing platforms and will allow us to react to new technologies or emerging threats faster and at lower costs. Our goal across the portfolio is to invest in a capability once and leverage its applications and



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interfaces across the entire Aviation portfolio. We have already begun applying the first iteration of the MOSA principles across the Apache, Chinook, and Black Hawk fleets.

The Apache project management office is currently fielding the **AH-64E version 6** ("V6") to the field. However, PM Apache is already developing the next iteration of Operational Flight Program (OFP) software, AH-64E version 6.x ("V6.x"), that will provide an open system interface to enable third-party hardware systems to exchange data and to present standardized symbology on the aircraft multi-purpose displays.

The AH-64E version 6.x will become the Apache OFP common configuration, reducing the number of variants in the field. This hardware and software focused effort will improve interoperability and supportability, reduce cost, and time for upgrades and standardize software across the E-model fleet. Equipping every E-model with a multicore mission processor and associated hardware, coupled with V6.x OFP software, will re-baseline current version 4 through version 6 aircraft to employ similar capability and reduce training and maintenance. For example, a version 4 aircraft receiving the V6.x software/hardware upgrade can employ legacy sensors or the latest version 6 sensor package.

**Common Avionics Architecture System (CAAS)** was initially developed over two decades ago for the Chinook. CAAS was a great step forward relative to modularity concepts and key architectural decisions. Additional steps to align with the enterprise need to be taken to be able to adopt technology insertions from across the PEO.

One example of applying MOSA principles is PM Cargo's development of software Version 10.x for CAAS. This version will open key areas of CAAS to enable third-party developer capabilities and will allow us to integrate PM Aviation Mission Systems and Architecture's (PM AMSA) Air to Ground Networking Radio (AGNR) without having to make a corresponding CAAS OFP change. This new software version will be used in both CH-47F Block 1 and Block 2 aircraft.

**PM Utility** is pursuing Black Hawk modernization along two lines of effort. The H-60V is a recapitalization program that converts analog 60L Black Hawks to a digital cockpit with similar capabilities to the UH/HH-60M. The

H-60V office successfully established an open system software architecture enabling efficient integration of future technology upgrades and integration of component alternatives. PM Utility is partnering with the Combat Capabilities Development Command, Redstone Arsenal, Ala., to develop the architecture and software. This approach facilitates rapid qualification and integration of new systems into the H-60V while reducing cost and schedule. Government ownership allows utilization of mission system components within the FVL architecture and the ability to better align H-60V architecture with enterprise modularity decisions.

The H-60M Product Office also continues its modernization efforts to counter obsolescence issues while integrating MOSA principles to achieve enterprise-wide synergies. An example comes from the Ethernet Switching Hub (ESH). The ESH is becoming obsolete and PM Utility, in coordination with the aircraft manufacturer, has selected a fully qualified replacement ESH from the US Air Force H-60W Combat Rescue Helicopter. The PM is utilizing this opportunity to "open" a key interface by removing the proprietary boundary between the Flight Management System software and the ESH. This is one of many examples of changes that can enable rapid integration of new capabilities into the UH/HH-60M.

As evidenced in the examples above, we are making progress and have seen early success in changing business paradigms and applying MOSA to the enduring fleet, but we have much more to do. To sustain our momentum, the project offices need consistent and reliable funding to open up the enduring fleet architectures. Open architectures will enable opportunities for integrating cross-platform and cross-cutting technologies being developed by the Aviation enterprise.

With appropriate, targeted modernization of the enduring fleet, we are making the most of modernization opportunities to get the best possible results from our precious resources.

Giddyup!



*BG Robert L. Barrie is the U.S. Army Program Executive Officer, Aviation located at Redstone Arsenal, AL.*





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The FARA Modular Effects Launcher (MEL) demonstrated at Project Convergence 21, October 2021.

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## The One-to-Many FARA Ecosystem: Transforming the Battlefield Geometry from Combatant Command to Squad



By MG Walter (Wally) T. Rugen

**T**he nature of war and its execution will always involve the human. Some may ask, with the growth in unmanned systems and technologies over the last two decades why not make the Army Aviation scout mission a completely unmanned endeavor? The answer is that reconnaissance is an inherently human endeavor performed at the tactical edge, and unmanned only cannot complete the mission tasks required. We must have a manned platform in situations where unexpected mission outcomes require humans to use rapid onsite decision making, and in dynamic situations where even seconds of latency matter in support to actions on contact.

An extensive literature review including over 35 recent studies determined there was little information supporting unmanned-only capabilities able to conduct the Air Cavalry Scout mission and tasks in the projected future operational environment of 2028-2035. In addition, recent modeling of a Future Attack Reconnaissance Aircraft (FARA) equipped Air Cavalry Troop executing a division-level mission generated over 50,000 sensor interaction detections with its ALE

over an 8 hour zone reconnaissance. This volume highlights the significant challenges an unmanned only solution would place on the network to transport these interactions much less the latency involved in analysis and decision making away from the tactical edge. Furthermore, in one previous armed aerial scout study, the unmanned only option was capable of completing only 58% of mission tasks. For our Divisions and Corps these unmanned only challenges and shortfalls represent a significant risk-to-mission and risk-to-force with a much degraded ability to gain and maintain situational understanding and act decisively in a peer/near peer fight.

### Advanced Teaming

What is on the near horizon is the advent of the advanced teaming construct that will undoubtedly transform Army Aviation. Advanced teaming is our largest Science and Technology investment and for good reason. The progression moves well beyond the current manned-unmanned team (MUM-T) that allows one Apache to have increasing levels of control over one Shadow

or Gray Eagle UAS to a one-to-many concept and capability. Combat simulations have shown that the Army's cur-

#### Key Manned FARA Characteristics

- \* Situational Knowledge:** Pilot's available five senses complement aircraft sensors. Pilot can assimilate data and immediately respond to external stimuli.
- \* Visual Reasoning:** Pilot has larger field of view, more visual acuity, and can use binocular cues. Pilot can assess the effect of platform and threat damage.
- \* Onsite Weapon Use Decision:** On-the-fly assessment of target with regard to Rules of Engagement possible. Rapid weapon employment (no network lag).
- \* Tactically Curious:** Pilot synchronized with ground forces and able to interpret the commander's intent in fluid situations.
- \* Rapid Communications:** More timely and direct communications with supported unit.
- \* Independent Operations:** Line-of-Sight with control station not required to conduct mission.
- \* Less Vulnerable to Electronic Attack:** Able to function in high/effective Electronic Warfare environment.
- \* Countermeasures:** Greater probability of detecting and reacting to threat and developing targets.

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82nd Airborne Division trooper participates in EDGE21 during an Integrated Visual Augmentation System (IVAS)-enabled air assault at Dugway Proving Ground, UT.



Area-I Altius 600 participates in Project Convergence as Air Launched Effects (ALE) surrogate extending physical and digital reach of the FARA ecosystem at Yuma Proving Ground, AZ.

rently fielded MUM-T capabilities and concepts of operation are not sufficient for effective Air Cavalry Squadron operations in the Multi-Domain Operations (MDO) environment. Advanced teaming will converge the strengths of multiple semi-autonomous unmanned systems and technologies (persistent stare, less risk to force, less detectable) paired with a tactically curious human pilot, synchronized with the ground forces, and able to interpret the commander's intent in fluid situations (See Key Manned FARA Characteristics in box).

The benefits of advanced teaming to the aviation reconnaissance and attack missions in a contested peer/near peer threat environment will be profound. A manned FARA will be capable of flooding the zone with asymmetric advantage low cost ALE drones equipped with multi-INT sensors and electronic sense, decoy and attack payloads to Find, Fix, Finish, Exploit, and Assess (F3EA). As this is a new technology and a new concept the tactics will surely evolve rapidly but already we see future success with a "wolf pack" type approach in performing the Air Cavalry Squadron missions.

Advanced teaming is a lethal capability when harnessed with the increased speed, range, and endurance of FARA while additionally increasing its layered approach to survivability with standoff. Dominating in the lower tier of the air domain, the FARA ecosystem provides a unique advantage against anti-access/area-denial (A2AD) systems such as integrated air defense systems (IADS), enemy long-range fires and threat command and control systems. Hidden by surface clutter while operating at lower altitudes, FARA outmatches radar and observation with the swarming capability of its ALE to destroy or neutralize the IADS barrier allowing the Joint Force to exploit the penetration.

### Closer Than You Think

This reality is also closer than you may think, as the FARA ecosystem operating under the advanced teaming construct demonstrated among other technologies at our Western Test Ranges during both EDGE 21 and PC 21 achieving over 100 technical objectives and 84 first time events. Technologies included the launch of ALE and rockets from FARA's Modular Effects Launcher, Full Spectrum Targeting and other aided target recognition systems, Alternate Navigation and Anti-Jam antennas, to the application of a

Modular Open Systems Approach (MOSA) to our ALE and FARA surrogate platforms. This enabled the rapid integration of multiple software and hardware components from separate vendors with government defined interfaces to come on and off prototype air vehicles at the speed of relevancy as our threats evolve.

Other noteworthy demonstrations included the use of a Scalable Control Interface (SCI). SCI eliminates the need for large unmanned systems fixed-site ground control stations, provides the operator simultaneous control of multiple systems, and allows the operator to pass control to other operators. During EDGE 21, a dismounted Soldier on the LZ following an air assault re-tasked an ALE via a handheld tablet to cover dead space for their squad. At PC 21, an 82nd Airborne Division Platoon Leader provided terminal guidance to network enabled munitions, GBU-69 drop glide small diameter bomb and hellfire munitions via a tablet. Pushing this technology to the lowest formation at the edge of the battlespace provided a glimpse into the multitude of applications and takes the advanced teaming one-to-many approach into the many-to-many possibility.

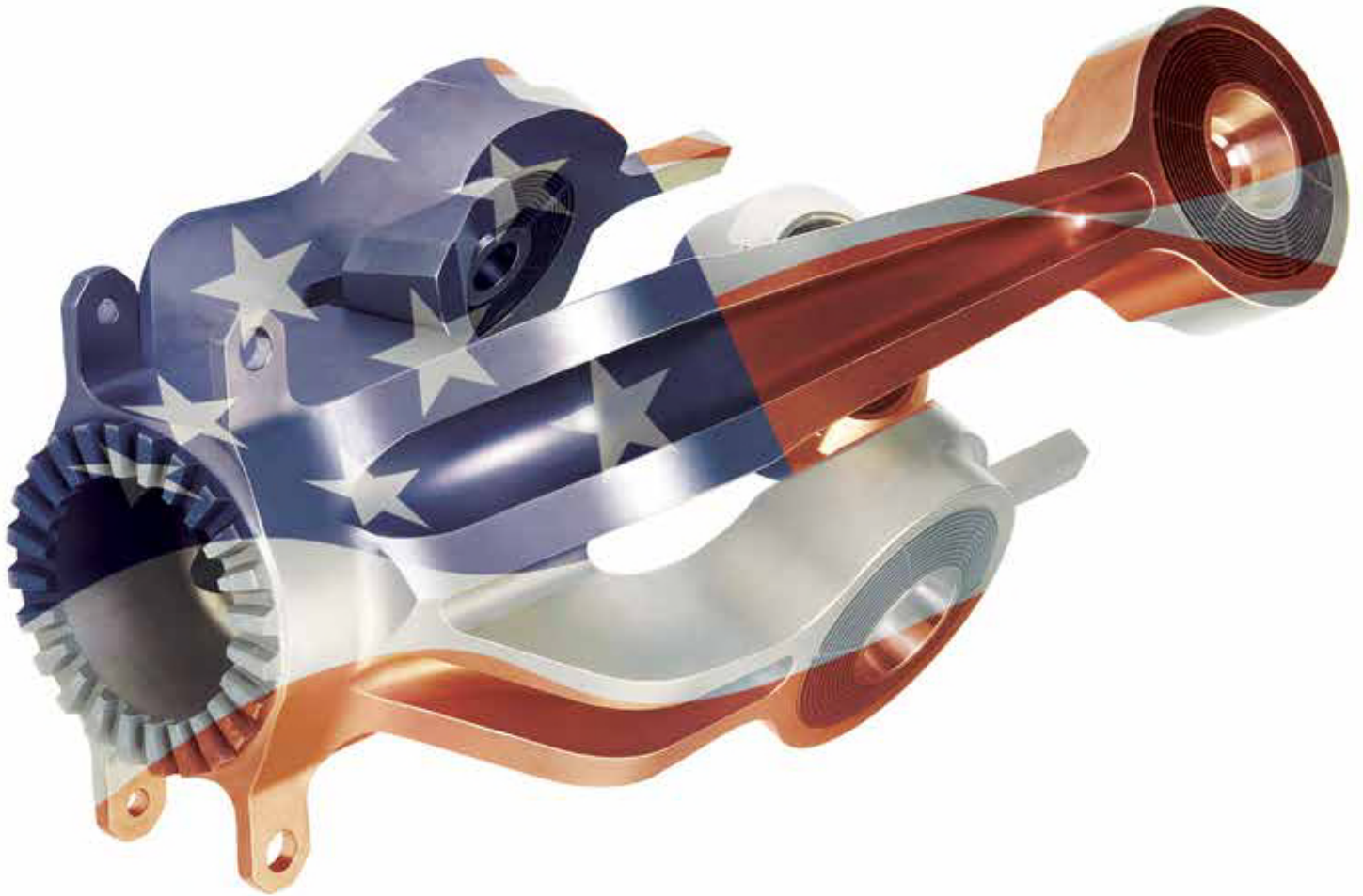
In conclusion, some may incorrectly declare that the human is no longer required on the MDO battlefield. War and conflict will always require the human, and in particular, for the recon and security missions a pilot in the FARA cockpit is required to interpret and execute the commander's intent in complex terrain, against unknown threats in a contested network environment, and in close support to ground troops. Complementing the pilot are the distributed unmanned semi-autonomous systems as part of the FARA ecosystem. The pairing plays to the strengths of both the manned and unmanned systems providing transformational expanded maneuver and tempo allowing the Joint Force Commander the ability to dominate the lower tier of the air domain while accelerating the Joint kill chain through decision dominance.



MG Walter (Wally) T. Rugen is the director of the U.S. Army Futures Command Future Vertical Lift Cross-Functional Team, located at Redstone Arsenal, AL.



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# 2022 Army Aviation Mission Solutions Summit

## Schedule of Events

### Saturday, April 2, 2022

1300-1700	Badge Pickup Open	Delta BCD Lobby
1430-1630	AAAA National Executive Board Meeting	Canal E
1700-1800	National Awardee Rehearsal	Canal E
1830-2030	Awardee/NEG Dinner (Invitation Only)	

### Sunday, April 3, 2022

0900-1900	Badge Pickup Open	
1000-1130	AAAA TLC Support Foundation Board Meeting	Canal E
1000-1400	AAAA Chapter Officer Workshops	Governors Ballroom C
1200-1600	Spouse Event: Marathon Village & Greenbrier Distillery Tour	
1200-1300	AAAA Past Presidents Luncheon (Invitation Only)	Canal ABCD
1300-1500	AAAA Scholarship Foundation Board Meeting	Bayou E
1400-1430	Industry Sensins Sessi (Invitation Only)	Bayou D
1500-1600	AAAA President's Pre-Opening Industry Thank You Reception	Ryman Hall BC
	(Exhibitor ONLY Industry to Industry meetings)	
1600-1900	Ribbon Cutting and official Exhibit Hall Opening	Ryman Hall BC
	and Early Bird Reception <i>Sponsored by Team Apache</i>	

### Monday, April 4, 2022

0700-0745	Speakers Pre-Brief & Breakfast (Invitation Only)	Bayou E
0700-0800	Eye Opener Coffee <i>Sponsored by Lockheed Martin</i>	Delta Ballroom A
0700-1700	Badge Pickup Open	Delta BCD Lobby
0700-1700	Soldier Café (Military ID Required – No Retired)	Delta Ballroom B
	<i>Sponsored by Team Chinook</i>	
0700-1700	Press Room Open <i>Sponsored by Northrop Grumman</i>	Ryman Studio AB

<b>0745-1200</b>	<b>PROFESSIONAL SESSION I</b>	<b>Delta Ballroom A</b>
0745-0750	Opening Remarks – Mr. William R. Harris Jr., AAAA Executive Director	
0750-0815	AAAA Supporting You and Your Family! – MG Tim Crosby, Ret., AAAA President	
0815-0825	101st Airborne Division (Air Assault) Welcome	
	COL Bernard Harrington, Assist. Division Commander (Support)	
0825-0905	Keynote Address – Chief of Staff, U.S. Army	
	GEN James C. McConville	
0905-0930	Recognition - Soldier & Unit Awards Presentation	
0930-1000	USAAACE Commanding General MG David J. Francis	
1000-1030	Army Futures Command	
	LTG Thomas H. Todd III, Deputy Commanding General for Acquisition and Systems Management	
1030-1100	Soldier and Family Health and Army Readiness	
	LTG R. Scott Dingle, The Surgeon General / Commanding General, U.S. Army Medical Command	
1100-1130	Assistant Secretary of the Army Acquisition, Logistics and Technology	
	Hon. Douglas R. Bush, ASAALT	
1130-1200	Spouse Professional Program	Delta Island E
	The Evolution of Rosie the Riveter (SAS-Spotlighting Army Spouses)	

0800-0930	Spouse Event –Yoga	Delta Island E
1100-1700	Exhibit Hall Open	Ryman Hall BC
1100-1700	Networking Café Open <i>Sponsored by Raytheon</i>	Ryman Hall BC
1100-1700	Your Next Mission™ Veterans Hiring Event – Exhibit Hall	Ryman Hall BC
1130-1215	Your Next Mission™ Veterans Hiring Event Discussion	
	Moderator: Mr. Ted Hacker	
1130-1230	PEO Avn PM Luncheon with DCS-G-8 (Invitation Only)	Canal E
	LTG Erik Peterson, Deputy Chief of Staff, G-8, U.S. Army	

<b>1230-1530</b>	<b>LEADERS Q&amp;A – Leaders Q&amp;A Theater</b>	<b>AAAA Booth</b>
1230-1330	Future Vertical Lift: Transforming the Battlefield Geometry	
	Moderator: BG Stephen J. Mundt, former Director Army Aviation;	
	MG David J. Francis, CG USAACE; MG Walter T. Rugen, Dir. FVL/CFT;	
	COL Bernard Harrington, Dep. Cdr., 101st Abn. Div. (AASLT), BG Clair Gill, Dir. Army Aviation	
1335-1430	PM/ACM Interface–Recon/Attack/FARA/UAS/AMSA/ACM-R/A	
	Moderator: MG Walter L. Davis, Ret., AAAA Senior VP	
1435-1530	PM/ACM Interface–Utility/Cargo/FLRAA/FW/ACM-Lift	
	Moderator: MG Walter M. Golden, Ret., AAAA Treasurer	
<b>1330-1630</b>	<b>WORKING GROUPS</b>	<b>Governors Ballroom C &amp; D</b>
1330-1430	Aviation Warrant Officer Readiness Review	
	CW5 Michael L. Lewis, Aviation Branch Chief Warrant Officer	
1330-1430	The Future Force Aviation Soldier	
	CSM James D. Wilson, Aviation Br. Command Sergeant Major	
1530-1630	Army Aviation Virtual Training & Simulation Panel	
	Moderator: LTC Jan Drabczuk, Ret., AAAA VP Chapters; BG William R. Glaser, Dir., STE CFT; COL Jason Caldwell, USAACE; CW4 Doug Ehrle, Ret., Digiflight; COL John Ferrell, Ret., Lockheed Martin; COL Jay Parker, CCAD Cdr.; COL Kevin Vizzari, Ret., AVT	

1330-1430	Spouse Event – Gaylord Opryland Garden Tour	
1800-2100	Army Aviation Hall of Fame Induction Banquet	Delta Ballroom A
1800-1900	Reception	Delta A Lobby
1800-1900	Hall of Fame VIP Inductee Assembly	Bayou CD
1900-2100	Hall of Fame Dinner	

### Tuesday, April 5, 2022

0730-0800	Speakers Pre-Brief & Breakfast (Invitation Only)	Bayou E
0730-0900	Eye Opener Coffee <i>Sponsored by Lockheed Martin</i>	Delta Ballroom A
0730-1430	Badge Pickup Open	Delta BCD Lobby
0730-1700	Soldier Café (Military ID Required – No Retired) <i>Sponsored by Team Chinook</i>	Delta Ballroom B
0730-1530	Press Room Open <i>Sponsored by Northrop Grumman</i>	Ryman Studio AB
0800-0900	Spouse Event – Water Aerobics	Cascades Indoor Pool

<b>0825-1230</b>	<b>PROFESSIONAL SESSION II</b>	<b>Delta Ballroom A</b>
0825-0830	Opening Remarks – MG Tim Crosby, Ret., AAAA President	
0830-0900	Keynote Address – Chief, National Guard Bureau	
	GEN Daniel R. Hokanson	
0900-0930	Future Vertical Lift Critical to All-Domain Operations	
	MG Walter Rugen, Director, FVL Cross-Functional Team	
0930-1000	Sustaining Combat in ADO	
	MG K. Todd Royar, CG, Aviation and Missile Command	
1000-1030	Evolving the Fleet in Multi-Domain Operations	
	BG Robert L. Barrie, Program Executive Officer Aviation	
1030-1100	U.S. Army Special Operations Aviation Command	
	BG Philip J. Ryan, Commanding General	
1100-1130	Director of Aviation's Role in Supporting the Transition to ADO	
	BG Clair Gill, Director of Army Aviation	
1130-1200	Safety in the Era of All-Domain Operations and Training	
	COL Ronald L. Ellis, Deputy Commander, Combat Readiness Center	
1130-1230	Spouse Professional Session	Delta Island E
	Strategies for Living with Multiple Deployments	
	Dr. Timothy Hoyt, Deputy Director for Force Resiliency, Office of the Under Secretary of Defense for Personnel & Readiness	

1130-1300	Cub Club Luncheon & Social	TBD
1130-1530	Exhibit Hall Open	Ryman Hall BC
1130-1530	Networking Café Open <i>Sponsored by Raytheon</i>	Ryman Hall BC
1130-1530	Your Next Mission™ Veterans Hiring Event	Ryman Hall BC
1130-1215	Your Next Mission™ Veterans Hiring Event Discussion	
	Moderator: Mr. Ted Hacker	

<b>1230-1500</b>	<b>LEADERS Q&amp;A – Leaders Q&amp;A Theater</b>	<b>AAAA Booth</b>
1230-1330	International Aviation Leaders	
	Moderator: BG Timothy J. Edens, Ret., AAAA Treasurer;	
	MG Stephen Jobson, Australia; Brig. Mark JD Ackrill, United Kingdom	
1335-1430	Industry Leaders	
	Moderator: MG Lester D. Eisner, Ret., AAAA VP Guard/Reserve Affairs;	
	Mr. Cole Hedden, AAAA VP Industry; Mr. Dave Harrold, BAE Systems;	
	Mr. Harold Tiedeman, Jr., Collins; Dr. William Conley, Mercury Systems	
1435-1500	Global Combat Support System-Army Enterprise Aviation	
	Mr. Michael Underwood, Asst. Product Mgr., GCSS-A EAVN	
<b>1230-1530</b>	<b>WORKING GROUPS</b>	<b>Governors Ballroom C &amp; D</b>
1230-1330	Modular Open Systems Approach (MOSA)	
	Moderator: Mr. Jeffrey Langhout, Dir., Combat Capabilities Development	
	Command Aviation & Missile Center; Mr. Matthew Sipe, Dir., MOSA	
	Transition Office, PEO Avn.; Mr. David Schreck, Collins; Mr. Ike Song,	
	Mercury; Mr. Sean Mulholland, Tucson Embedded Systems	
1330-1430	Cavalry Warfighter Forum	
	Moderator: COL Joe Eszes, Ret.; MG David J. Francis, CG, USAACE,	
	BG Thomas M. Feltey, Cmdt., U.S. Army Armor School; BG Michael C.	
	McCurry, Dir., Force Development, G-8; BG Clair Gill, Dir., Army Avn.	
1430-1530	Aircraft Survivability	
	CW4 Christopher Crawford, Dep. Chief, USAACE Aviation Survivability Branch	

1700-1800	Golden Eagles (50 Year and Above Members) Reception	Delta Ballroom D
	(Invitation Only)	
1730-1830	Vietnam and Korean War Veterans and Family Reception	Delta Ballroom C
1800-2200	Informal Soldier Appreciation Dinner Concert	Delta Ballroom A
	with Justin Moore	
1800-1900	Reception	Delta A Lobby
1900-2100	Dinner/AAAA Annual Membership Meeting	
2100-2200	Soldier Appreciation Concert with Justin Moore	

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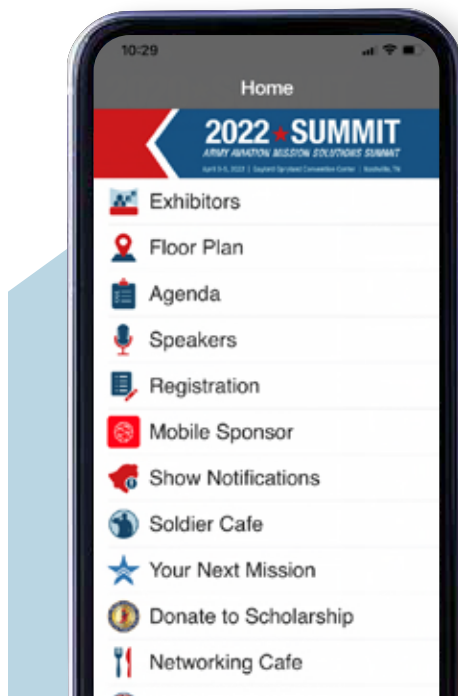
# 2022 Army Aviation Mission Solutions Summit Exhibit Hall

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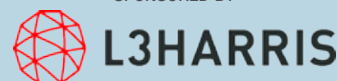
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### Exhibit Hall Hours:

**April 3:** 1600 - 1900  
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**April 4:** 1100-1700

**April 5:** 1130-1530

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**Set Up & Early Bird:** Casual  
**Daytime:** ACUs /Business Casual,  
Exhibitors: Business Attire  
**Monday Hall of Fame Induction**  
**Banquet:** DressBlue/DressMess/BlackTie  
**Tuesday Soldier Appreciation**  
**Dinner Concert:** Casual

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# 2022 Army Aviation Mission Solutions Summit Exhibitors

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## Happy 39<sup>th</sup> Birthday



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**April 12, 1983**

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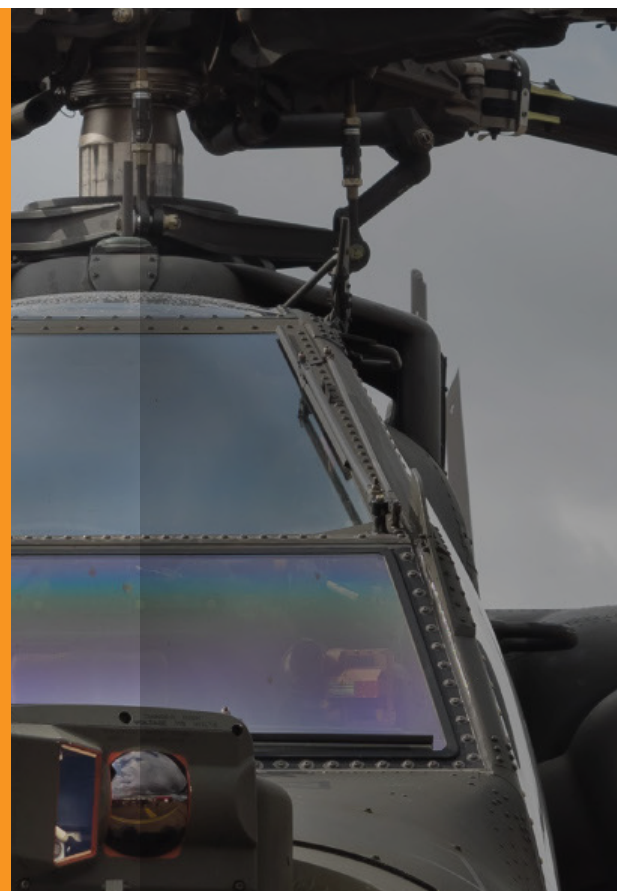
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# AAAA 2021 National Award Winners



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

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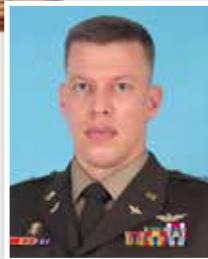
## Mr. Jeffrey L. Wagner 15th Military Intelligence Battalion (Aerial Exploitation) Fort Hood, Texas

Mr. Jeffery Wagner's actions were crucial and directly led to 15th MI BN (AE)'s successes in 2021. These included rapid withdrawal of \$100 million of equipment from Afghanistan, restructuring two forward aviation detachments (FAD) in U.S. Africa Command, the Army's first UAS flight through the National Airspace System (NAS) from home station to an area-of-operation, inaugural MC-12S support to TRIDENT and Sage Eagle exercises, MC-12 and MQ-1 support to Joint Task Force-North, support to the Presidential State of the Union Address, and establishing remote split operations (RSO) for MQ-1 combat operations, and contributed to the unit safely flying 23,000 hours in 2021. As the Deputy Operations Officer, he provided crucial leadership and guidance to an inter-disciplinary aerial exploitation battalion and extended his influence throughout the Intelligence & Security Command (INSCOM). Additionally, he served as the Aerial-Intelligence, Surveillance, Reconnaissance and Target Acquisition (A-ISR/TA) Asset Manager, Aviation Program Administrator, Senior Department of the Army Civilian (DAC) Advisor to the battalion commander, supervisor for all other DACs within the battalion, and Government Flight Representative (GFR). His contributions to planning during the rapid drawdown in Afghanistan allowed the unit to navigate the globe successfully redeploying eight different ferry flights of MC-12 aircraft from the theater. He is greatly deserving of the 2021 Joseph P. Cribbins Department of the Army Civilian of the Year Award.



## James H. McClellan Aviation Safety Award

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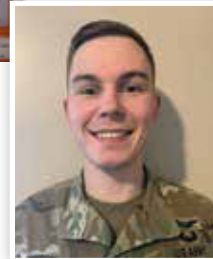
## CW3 Christopher J. Perkins Company B, 3rd Battalion 2nd Aviation Regiment Camp Humphreys, Republic of Korea

As the company Aviation Safety Officer for the only CH-47F unit on the Korean Peninsula, CW3 Perkins flew over 200 accident-free flying hours and directly impacted the ability for B Company to fly over a total of 3,000 accident-free hours. During this time, the company flew over 20,000 passengers, 1,500,000 lbs. of cargo, conducted over 24 multi-ship air assaults across the Korean Peninsula, over five DV missions to include the Secretary of Defense and Secretary of the Navy, and two rotations of aerial gunnery which qualified over 30 crew members. He received a score of 100% on the most recent Aviation Accident Prevention Survey and assisted other battalions within the brigade to improve their own safety programs. His most notable achievement during the year was a result of his being hand selected to take the lead as the Aviation Safety Officer for an Aviation accident investigation involving multiple battalions within the 2nd Combat Aviation Brigade following a severe weather event. He trained 11 board members during the investigation which produced several findings and recommendations for risk reduction measures that increased the safety of personnel and equipment. He was also credentialed as an Associate Safety Professional by the Board of Certified Safety Professionals. CW3 Christopher Perkins has earned the 2021 James H. McClellan Aviation Safety Award.



## Gary G. Wetzel Aviation Soldier of the Year

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## SPC Andrew G. Wells Company F, 2nd Battalion, 160th Special Operations Aviation Regiment (Airborne) Fort Campbell, Kentucky

As an Unmanned Aircraft Systems Operator, SPC Wells is a part of a community that thrives on pushing the limits both tactically and technically. He embraces that culture by aggressively pursuing new ways to challenge himself whenever possible. When he is not teaching his peers how to perfect Mission Coordinator duties, he is developing standardized documents to track flight hours. He not only eagerly requested to attend the Air Assault School and the Survival, Evasion, Resistance, and Escape Level C course, but also volunteered to deploy overseas as soon as he progressed to Readiness Level One. Just before deploying, the company commander selected SPC Wells for promotion six months prior to meeting the time in grade requirements. While deployed in support of Operation Freedom's Sentinel, he flew over 200 accident-free hours providing invaluable intelligence, surveillance, and reconnaissance (ISR) in support of Special Operations Task Force personnel conducting missions of strategic importance. In addition to ISR coverage, he successfully engaged enemy combatants four times, contributing significantly to the ground force commander's mission success and safeguarding American lives. SPC Wells is driven by service, sacrifice, and duty to his country, and his consistent performance above standards with limited guidance identifies him as the 2021 AAAA Aviation soldier of the year.





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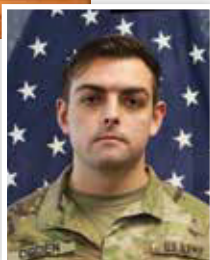


# AAAA 2021 National Award Winners



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

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Robertson Fuel Systems  
LLC



**SSG Sy Z. Ogden**  
Company C, 2nd Battalion  
160th Special Operations Aviation  
Regiment (Airborne)  
Fort Campbell, Kentucky

As an MH-60M Standardization Instructor, SSG Ogden directly stewarded the commander's Aircrew Training Program, and was responsible for the progression and currency of 26 Special Operations crewmembers. He also developed a culture of mentorship, and devoted time regularly to teaching less experienced Flight Instructors. As a result, he was able to successfully lead his team to create 16 new Non-rated Crew members throughout the year, and his standardization program earned a perfect 100% "Commendable" rating during the Regiment ARMS, the highest score in the battalion. He was selected to serve as NCOIC and senior NRCM for three different combat deployments, a task which required meticulous attention to detail, and a high degree of maturity. During these deployments, he performed a wide array of highly challenging Special Operations Aircrew tasks in extremely austere locations and was responsible for managing the currency, qualification, fighter management and crew rostering for no less than 20 Soldiers, and 5 MH-60Ms. He bridged existing relationship gaps with specialized technicians and used his highly adept mechanical skillset to provide new aircraft fault information and concise feedback to the maintenance technicians. This resulted in discovering previously undiagnosed functionality issues with the highly advanced, proprietary electric communications equipment installed on the MH-60Ms. SSG Ogden's accomplishments identify him as the 2021 AAAA Henry Q. Dunn Crew Chief of the Year.



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

Sponsored by  
Lockheed Martin Corporation



**1SG Francisco Rodriguez**  
4th Battalion  
3rd Aviation Regiment  
Hunter Army Airfield, Georgia

With over 3,000 accident-free flight hours, 1SG Francisco Rodriguez is a non-rated crewmember on the CH-47D/F Chinook and UH-60M Black Hawk helicopters. He has served in all NCO leadership roles from Team leader to his current position as a company first sergeant. He also achieved qualifications as a flight engineer, flight engineer instructor, standardization instructor, and technical inspector. He established various NCO and Soldier professional development initiatives aimed at creating lethal, survivable, and agile thinking non-rated crewmembers who are prepared to fight, survive, and win in large scale combat operations. 1SG Rodriguez developed, planned, and resourced an NCO-focused Survival, Evasion, Resistance, and Escape (SERE) course and his input and experience greatly enhanced the structuring of the Aviation Maintenance Training Program that is now used as the Battalion and Brigade standard for assessing, managing, and evaluating the execution of key Army Aviation maintenance tasks. As a keeper of traditions, he also executed the battalion's first NCO induction ceremony – revitalizing the sacred tradition of the rite of passage into the NCO professional Corp. He was also directly responsible for mentoring 15 NCOs and over 30 Soldiers who successfully completed all levels of NCO Professional Military Education, with zero course failures. 1SG Rodriguez is a consummate professional whose hard work and dedication identify him as the 2021 Rodney T. Yano Noncommissioned Officer of the Year.



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

Sponsored by Sikorsky, a  
Lockheed Martin Company



**CW5 Jason W. Hyer**  
Company D, 1st Battalion,  
160th Special Operations Aviation  
Regiment (Airborne)  
Fort Campbell, Kentucky

CW5 Jason W. Hyer serves as the Delta Company Senior Warrant Officer and Regiment Flight Lead in the 160th SOAR's (Abn) largest assault helicopter company consisting of 19 specially modified MH-60M Black Hawk helicopters, 46 rated crewmembers, and 57 non-rated crewmembers. As overall flight lead during the battalion's winter STX in January 2021, he had planned the movement of an eight aircraft force hundreds of miles using strategic airlift. He led the robust planning cell in planning two operations against simulated peer/near-peer competitors with complex integrated air defense systems in an anti-access area denial environment. In August, SOCOM leadership hand selected him to deploy on a no-notice, presidentially directed non-combatant evacuation operation to the CENTCOM area of operations. There he served as the overall flight lead of a rotary wing task force which resulted in the largest non-combatant evacuation operation in U.S. military history. In the following month, he deployed once again to serve as the overall flight lead of a strategically directed mission to kill or capture a named objective. The mission constituted the westernmost penetration of coalition forces into regime-controlled territory since the retrograde of U.S. forces in 2019. CW5 Hyer's accomplishments elevated Army Aviation in the eyes of national policymakers and senior elected officials and identify him as the 2021 Michael J. Novosel Aviator of the Year.





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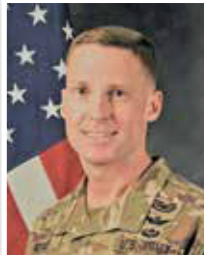


# AAAA 2021 National Award Winners

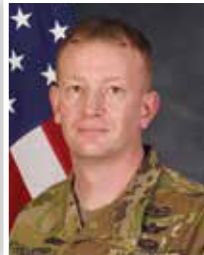


## **Robert M. Leich Award**

Sponsored by Airbus



*LTC Robert K. Beale  
(Commander)*



*CSM Dylan J. Lemasters  
(Senior NCO)*

### **4th Battalion, 160th Special Operations Aviation Regiment (Airborne) Joint Base Lewis-McChord, Washington**

4th Battalion, 160th SOAR (Abn) dedicated over 11 months in 2021 to shaping special operations aviation standard operating procedures within an Arctic Environment. This critical command directed capability was sought to increase operational reach, prolong endurance and ensure freedom of action to gain the initiative for the United States in the current and future great power competitive space. Arctic Edge 22 was the Regiment's proof of concept on how to employ special operations forces in the extremely austere arctic environment with temperatures of up to -65 degrees Fahrenheit. Eighty critical equipment requirements, 54 line items and 5,940 individual pieces of cold weather equipment were identified to enable the battalion to deploy a helicopter assault force to participate in the Arctic Edge 22, a Joint Chief of Staff (JCS) exercise. This was tasked to 4/160 in January 2021. The unit not only identified the equipment to overcome unique challenges like cold soaking of equipment and the survival of its personnel in extreme temperatures but was also able to quickly procure the equipment despite COVID and supply chain issues, outfit a task force consisting of 75 Soldiers and three helicopters, and stage for execution in less than a year. This extraordinary performance by the 4/160 Soldiers and especially the S-4 Section identify the unit as the winner of the 2021 AAAA Robert M. Leich Award.

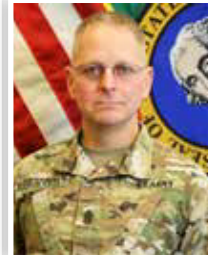


## **AAAA John J. Stanko Army National Guard Aviation Unit of the Year**

Sponsored by Honeywell



*LTC Tyler F. Smentek  
(Commander)*



*CSM Michael S. Twaddell  
(Senior NCO)*

### **1st Battalion, 168th Aviation Regiment Task Force Raptor Joint Base Lewis-McChord, Washington**

1-168th General Support Aviation Battalion (GSAB), Task Force RAPTOR, served as the only general support aviation battalion throughout the Combined Joint Task Force – INHERENT RESOLVE (CJTF OIR) and Combined Joint Task Force – SPARTAN SHIELD (CJTF OSS) area of operations. The unit maximized this incredible opportunity to work alongside Coalition and partner nations, joint services, and interagency organizations. It not only aggressively executed air-ground operations support of OIR and OSS but also sought out, planned, and led training opportunities with Coalition and host-nation forces. RAPTOR's flight companies flew over 5,700 mishap-free flight hours during 665 aerial missions, transported 7,332 personnel and successfully moved over two million pounds of essential cargo. In addition, RAPTOR's Air Traffic Controllers tracked over 30,500 flights across the battlespace, ensuring safe mission execution from takeoff to landing. The coordinated maintenance program resulted in over 90,000 combined aerial and ground maintenance man-hours and RAPTOR was able to dispense over 900,000 gallons of fuel throughout the AOR with zero spills. RAPTOR aviators and maintainers provided unparalleled aviation support throughout the CJOA, which enabled ground combatant commander's critical freedom of movement and maneuver. The Soldiers of Task Force RAPTOR earned the AAAA John J. Stanko Army National Guard Aviation Unit of the Year award.



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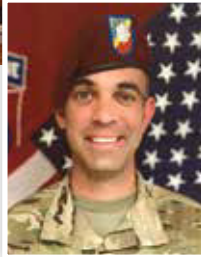


# AAAA 2021 National Award Winners



## AAAA Active Army Aviation Unit of the Year

Sponsored by  
L3 Harris



LTC Phillip J. Ewell  
(Commander)



CSM Garvin P. George  
(Senior NCO)

**3rd Battalion,  
82nd Aviation Regiment  
Task Force Talon  
Fort Bragg, North Carolina**

During 2021, the 3rd General Support Aviation Battalion (GSAB) of the 82nd Combat Aviation Brigade (CAB) excelled in their assigned mission while deployed to the CENTCOM area of responsibility in support of Operation Freedom Sentinel (OFS). It also served as the last Army aviation unit assigned to the Afghanistan theater of war, having been originally deployed in April of 2021 as part of TF Talon (3-82 GSAB) to provide rotary wing aviation support to bases across Afghanistan during the retrograde and closure of U.S. Forces. In August of 2021, TF Talon crews moved over 1,500 Americans and Allied personnel from the U.S. Embassy in Kabul. The task force also moved an additional 8,000 Americans and at-risk personnel from the areas across Kabul to Hamid Karzai international airport for evacuation from the country following the Taliban's takeover of the capital. After the complete withdrawal of all U.S. Forces from Afghanistan, TF Talon continued to provide rotary wing aviation support to CENTCOM's contingency crisis response force in Kuwait. The unit conducted thousands of hours of accident-free aviation operations and was extremely adaptable to the dynamic environment during the retrograde from Afghanistan. The unit's actions far exceeded the expected mission set for the deployment and clearly identify them as the 2021 AAAA Active Army Aviation Unit of the Year.



## AAAA Outstanding Army Aviation Unit of the Year

Sponsored by  
The Boeing Company



COL Alan R. Gronewold  
(Commander)



CW5 Richard W. Huber  
(Command Chief  
Warrant Officer)




CSM Refugio Rosas  
(Senior NCO)

**40th Expeditionary  
Combat Aviation Brigade  
Task Force Phoenix  
Fresno, California**

On 16 May 2021, Task Force (TF) PHOENIX took over the mission support of Operations INHERENT RESOLVE (OIR) and SPARTAN SHIELD (OSS). During this period, it executed integrated air-ground operations (AGO) against armed enemies of the U.S., and directly facilitated the U.S. Central Command (CENTCOM) objectives of sustaining the military defeat of Daesh in Iraq and the Eastern Syria Security Area (ESSA). This set the conditions for long-term regional security and stability, reducing risk to the whole force, protecting Coalition homelands, and deterring Iranian aggression in the CENTCOM area of responsibility. TF PHOENIX was comprised of over 1,800 Soldiers from the Active Component, 10 states of the Army National Guard, Army Reserve, Italy, and Spain. TF PHOENIX operated from 12 bases in 5 countries: Kuwait, central and northern Iraq, ESSA, northeastern Jordan, and northeastern Saudi Arabia. Despite all the challenges of bringing together the task force from such a diverse set of components and states, TF PHOENIX executed AGO in excess of 36,000 fixed-wing, rotary-wing, and unmanned flight hours. This included over 1,100 air movements, resulting in the safe transportation of over 210 distinguished visitors (DVs); 17,000 other passengers; and 2,800,000 pounds of cargo. TF PHOENIX displayed uncommon teamwork, devotion to duty, and mission accomplishment clearly identifying them as the 2021 AAAA Outstanding Army Aviation Unit of the Year.





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# AAAA 2021 National Award Winners

## Top Super Chapter of the Year

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### Tennessee Valley Chapter Huntsville, Alabama

*Chapter President: Mr. Gary Nenninger*

The TVC of the AAAA embodies the goal of chapter organizations, providing a broad array of membership events and venues for networking, engaging with the local leadership, fostering great relationships with the Redstone Arsenal community as well as supporting many other charitable organizations and the AAAA Scholarship fund. In spite of the challenges, they increased their membership by 200 people from Sep 2020 to Oct 2021 totaling 1,855 members in good standing! Our social media presence continued to grow across applications such as Facebook, LinkedIn, Twitter, and Instagram. The chapter continued to recognize outstanding Army Aviation patriots, inducting 34 Orders of St. Michael, including 9 bronze, 12 silver, 3 gold, and 10 Orders of the Knight. 2021 was a year of challenges, obstacles and new opportunities which the board, the membership, and our industry partners met head on and with great success. Congratulations to Gary Nenninger and the TVC team!

## Top Senior Chapter of the Year

Sponsored by AAAA National



### Savannah Chapter Savannah, Georgia

*Chapter President: COL (Ret.) Michael S. McFadden*

The Savannah Chapter has made great strides to revitalize its presence over the past year. Building on the fantastic network and community outreach from this year, they embodied the four pillars of AAAA. They exhibited NETWORKING with the local community by creating new partnerships with industry, civil, veteran, and charity organizations. They continued and improved RECOGNITION of the Soldiers, NCOs, and Aviators by inducting 49 Orders of St. Michael, Knights, and Ladies of Loreto; also instituting the Soldier, NCO, and Aviator of the Month, Quarter, and Year programs, with their own parking spots. They became a louder VOICE for their members by petitioning to join the Veterans Council of Chatham County. The chapter demonstrated SUPPORT of their members and community by raising \$12,600 towards the AAAASF and conducting a bone marrow registration drive. Congratulations to COL (Ret.) Mike McFadden and the chapter members!

## Top Master Chapter of the Year

Sponsored by AAAA National



### Phantom Corps Chapter Fort Hood, Texas

*Chapter President: CSM (Ret.) Douglas K. Greene*

The Phantom Corps Chapter supports the Soldiers, Civilians, and Families of 1st Air CAV, 166th Avn. Bde., 15th MI (AE) and the numerous UAS platoons and staff aviation professionals in the 1st Army DIV HQ, 1st CAV DIV HQ, and III Corps HQ; additionally providing social connection to the expansive retiree and veteran aviation personnel living in and around Fort Hood within all of central Texas. Struggling with meaningful ways to engage with the chapter members and units during the pandemic, in September two large gatherings celebrated the 1st Air CAV – a Legacy Roundup Social and Family Day. Elections with online voting and Zoom meetings helped the chapter experience a 10 percent growth; as well as inducting 31 Orders of St. Michael, 6 Knights, 4 Our Lady of Loreto and supporting 4 scholarships. Congratulations to CSM (Ret.) Doug Greene and team!

## Top AAAA Chapter of the Year

Sponsored by AAAA National



### Cowboy Chapter Cheyenne, Wyoming

*Chapter President: COL Steven J. Atencio*

The Cowboy Chapter continued its mission of helping others and recognizing people even during the pandemic. The chapter's main focus is to provide volunteer work to the local areas and scholarships to its members from G Co., 2-211 GSAB including, G Co., 2-211 MEDEVAC, A Co., 1-149 CAC, and B Co., 834th ASB. Despite states and the country shutting down for a time, beginning in April they conducted a Scholarship Fund Gun Raffle, Spring Greenway Cleanup, CFD Salvation Army Pancake Breakfast volunteer work, Chapter appreciation event at Top Golf, Fall Greenway Cleanup, Christmas Parade Float, Unit Dining out and Chapter Award presentation, Salvation Army Angel Tree volunteer work and chapter elections. Further, the chapter inducted 3 members into the Order of St. Michael and supported 2 scholarships. Congratulations to the chapter team headed up by COL Atencio!





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# Hall of Fame 2022 Inductees



**MG Edward M. Browne**  
(Deceased)

Major General Edward M. (Ed) Browne was born during the depression in New York City and was drafted into the Army in 1950 as a high school graduate early in the Korean War.

In 1952, he became an Officer Candidate School (OCS) Transportation aviation officer and learned more about aviation maintenance and logistics in each successive assignment. Due to his 20 years of experience, he was selected as the program manager charged with the Advanced Attack Helicopter program during the competitive fly off in April 1976. The result would be the Army's premier attack helicopter, the AH-64 Apache.

Overcoming everything from the replacement of the entire industry leadership team, to managing leading edge technology, he directly took charge and implemented radical change to include the establishment of a subordinate product manager for the target acquisition and night vision system. In the words of MG Carl H. McNair, U.S. Army Retired, the first Army Aviation Branch Chief, "The Army Team today would not and could not be what it is without the Apache and Ed Browne who 'pushed and pulled' it through the critical milestones of development, source selection, acquisition and fielding across the globe."

Generations of Army Aviators and troops on the ground owe MG Edward M. Browne a great debt of gratitude. Simply put, Ed Browne took a troubled program and made the Apache a national asset which has enabled our Army Aviators to deliver devastating effects in multiple conflicts, and to deter aggression around the world for decades.



**CW5 Jack H. Dotterer**  
(Deceased)

Jack Dotterer's most lasting achievements resulted from his brilliant and relentless acquisition and program management skills in the 160th SOAR Systems Integration Management Office and during his 20-year civilian career as a SETA (Systems Engineering and Technical Assistance) contractor at vertical flight's technical leading edge.

He retired after 31 years of military service on 31 December 1999 as a Chief Warrant Officer Five, serving in both conventional and Special Operations units. He had over 6,500 flight hours, 1,280 in combat and for which he was awarded 21 Air Medals, including one for valor.

His achievements as a civilian resulted in unparalleled aircraft modernization contributions which were directed to the advancement of Army Aviation and tactical force projection throughout the 20th and 21st century. He was dedicated to the development, readiness, and mission accomplishment of conventional and special operations Army aircraft.

As the Senior MH-60 Program Integrator for the Technology Applications Program Office (TAPO), Jack delivered unique capabilities to our National leadership. He also proved to be a highly capable logistician and strategic planner who was instrumental in the establishment of the SOF aviation depot at Lexington Blue Grass Army Depot (LBAD). It became the model for the Army's Prototype Integration Facility (PIF) and the Logistics Support Facility (LSF).

Many of his contributions to Army Aviation technologies are still used to this day and have provided the foundation for advances in weapon systems, aircraft survivability, communications, and cockpit systems that have proliferated across the entire Army.

His legacy will be felt by thousands of both conventional and Special Operations Aviators for decades to come.



**CW5 Michael R. Gwinn**

Chief Warrant Officer Five (Retired) Michael Gwinn's breadth of Army Aviation experience is truly amazing. In his 43 years of aviation service as a commander, fixed and rotary wing standardization instructor pilot, and Special Operations aviator, he has achieved 12 aircraft type ratings, and flown over 15,000 flight hours, 3,500 with night vision goggles and 2,000 in combat.

His family has an aviation pedigree. He is the son of Colonel John W. Gwinn, an Air Force Officer who served as a B-25 navigator. His mom, Mrs. Ruth Tulley (Gwinn), was the first licensed female aviator in West Virginia, and she taught him how to fly.

CW5 (Ret.) Gwinn entered active duty in February of 1977 and after two years he attended Warrant Officer Candidate and Flight school followed by assignment to the 2nd Squadron, 17th Cavalry Regiment, 101st Airborne Division (Air Assault) at Fort Campbell, KY.

In December 1982 he was assigned to Company A, Task Force 160 and became one of the founding fathers of Army Aviation Special Operations. He was one of the original authors of TF160 standard operating procedures and many of his light assault helicopter tactics, techniques, and procedures are followed to this day.

In fall of 1993 CW5 (Ret.) Gwinn was forward deployed to Somalia, in support of Task Force Ranger. While flying more than 24 continuous hours, his focus and timely actions throughout the battle of the Black Sea saved hundreds of lives.

Throughout his career in Special Operations aviation CW5 (Ret.) Gwinn served in every leadership position possible. He retired from active-duty in March 2007 after 30 years of service.





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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 [membership@quad-a.org](mailto:membership@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:** SuperChapter; 1116 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 demographics consists of flight training students, permanent party Soldiers, DACs, contractors, and retirees. The Chapter plans to meet with membership on a quarterly basis and will host an annual golf tournament in support of fund drive for the AAAA Scholarship Foundation.

#### Officers:

COL Robert C. Doerer, Ret.: President  
COL Marcus A. Gengler: Senior VP  
COL Robert D. Mitchell: Secretary  
CW3 Michael F. Monaghan, Ret.: Treasurer  
CSM Micheal D. Sutterfield: VP Scholarship  
CW5 Sam R. Baker, III Ret.: VP Awards  
LTC Audrey A. Boenker: VP Awards  
LTC Steve W. Long: VP Programs  
1SG Joshua D. Gary: VP Enlisted Affairs  
CSM Shawn C. McKay: VP Government Affairs  
LTC Mark C. Taylor, Ret.: VP Member Enrollment  
SGM Steven DiGeorgio: VP Publicity  
CW4 Robert N. Cooper, Ret.: VP Retired Affairs

### Tennessee Valley Chapter Huntsville, AL



**Category:** SuperChapter; 1935 Members

**Activation Date:** 2/1/1976

**Website:**

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

**Description:** The Tennessee Valley Chapter (TVC) of the Army Aviation Association of America (AAAA) remains passionate in providing unique Aviation professional development and networking programs/events and the steadfast support of our Soldiers and Department of the Army Civilians in the Redstone Arsenal, Huntsville, and North Alabama region. Despite the continued challenges presented by the COVID-19 Virus, in 2021 the TVC leadership continued an excellent relationship with the Huntsville/Redstone community, including the Army Materiel Command, AMCOM, and PEO Aviation. In fact, the chapter was often the first place Aviation system

commands and Huntsville professional and community organizations turned to for support of their events and efforts during these trying times. Additionally, the TVC found itself to be the first stop for industry partners looking for the visibility of community support. Our chapter continued its proud tradition of bringing both the commercial and government Army Aviation communities together, supporting not only individual Soldiers, but our Huntsville/Redstone community and the Aviation enterprise. The TVC remains an active chapter that works hard to build on the strong 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 the Chapter.

#### Officers:

Mr. Gary S. Nenninger: President  
CW5 Kevin Clark: Senior VP  
Mr. Talmadge C. Sheppard: Senior VP  
Ms. Shannon L. Murphy: Secretary  
COL Gerald R. Davis Jr. Ret.: Treasurer  
COL David N. Gereski, Ret.: VP National Guard & Reserves



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# 2022 AAAA Chapter Directory

LTC Jason L. Galindo, 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  
LTC Cornelius L. Allen Jr.: VP Chapter Affairs  
LTC Bradley N. Bruce: VP Community Relations  
COL John M. Vannoy, Ret.: VP CribbinsAPS  
CSM Leon Hite Jr. Ret.: VP Enlisted Affairs  
Mr. Ray K. Sellers: VP Government Affairs  
CW4 Michael J. Durant, Ret.: VP Member Enrollment  
MAJ Jonathan M. Denton: VP Military Affairs  
Mrs. Janice L. Sanders: VP Publicity  
Mrs. Jaime Theresa Justice: VP Special Projects  
CSM Tod L. Glidewell, Ret.: VP Veterans Affairs

## Yellowhammer Chapter Hope Hull, AL



**Category:** AAAA Chapter; 36 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:**  
BG Johnny R. Bass: President  
CW4 James R. Pote: Secretary  
MAJ Charles Gardner: Treasurer  
MAJ Zachary L. Burton: VP Member Enrollment

## Alaska

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



**Category:** Senior Chapter; 75 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 (D/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:**  
CW4 Eric W. Collier: Senior VP

MAJ Benjamin W. Saad: Secretary  
Mr. Robert D. Marcinkowski: Treasurer  
CSM Ronnie B. Littler: VP Enlisted Affairs  
MSG Ralph T. Woods Jr.: VP Member Enrollment  
CW4 Jason Ingraham: VP Member Enrollment

## Arizona

### Arizona Chapter Mesa, AZ



**Category:** Master Chapter; 333 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 national 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 O. Farrington, Ret.: President  
LTC Adam C. Berlew: Senior VP  
Mrs. Katie Yursky: Treasurer  
LTC B.J. Wiley, Ret.: VP Scholarship  
LTC Bradley N. Rounding, Ret.: VP Awards  
COL David F. Sale, Ret.: VP Member Enrollment  
CW4 James Barker, Ret.: VP Member Enrollment  
CW4 Michael Anderson: VP Military Affairs

### Old Tucson Chapter Cortaro, AZ



**Category:** Senior Chapter; 115 Members  
**Activation Date:** 5/1/1987  
**Website:**  
[www.quad-a.org/OldTucsonChapter](http://www.quad-a.org/OldTucsonChapter)

**Description:** Old Tucson Chapter is proud to support the greater Tucson area and especially the Western ARNG Aviation Training Site residents and guests! Meetings and events take place all around town to keep U.S. Army Aviation Branch Soldiers, families and enthusiasts all entertained while raising funds for the AAAA SFI. Join us- you won't regret it!

**Officers:**  
CW4 Latny L. Salt: President  
Ms. Jacqueline Gordon: Senior VP  
SSG John A. Maez: Secretary  
Mr. Brian D. Gary: Treasurer  
SFC Paul D. Eckles: VP Membership  
1SG Robyn L. Fowler, Ret.: VP Scholarship

### Thunder Mountain Chapter Fort Huachuca, AZ



**Category:** AAAA Chapter; 71 Members  
**Activation Date:** 10/1/2006  
**Website:**  
[www.quad-a.org/ThunderMountainChapter](http://www.quad-a.org/ThunderMountainChapter)

**Description:** The Thunder Mountain Chapter operates in Fort Huachuca, we support the 2/13th Avn. Regt and the 304th MI Bn. Our membership includes Unmanned aircraft operators from the 2/13th and manned aircraft pilots from the 304th MI Bn as well as retirees, DACs, and contractors.

**Officers:**  
CW5 Luis Zamudio, Ret.: President  
Mr. Mark Farrar: Senior VP  
Ms. Sheri York: Secretary  
CW5 Karl S. McKenzie: VP Scholarship  
Mr. Miguel A. Ortiz: VP Member Enrollment

## California

### Grizzly Chapter Fresno, CA



**Category:** AAAA Chapter; 67 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:**  
LTC Shiloh Briggs: President  
LTC David Lovett: Senior VP  
MAJ Joseph Alan Nydegger: Secretary  
CPT Daphne Piper: Treasurer  
MAJ Joseph Burke: VP Scholarship  
SFC Lindsey D. Tillman: VP Awards  
MSG Robert H. Wood: VP Enlisted Affairs  
SGM Janet L. Graves: VP Enlisted Affairs

### High Desert Chapter Fort Irwin, CA



**Category:** Senior Chapter; 80 Members  
**Activation Date:** 3/1/1991

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

**Description:** The High Desert Chapter (HDC) is based out of Fort Irwin, CA and is comprised of 2916th AVN BN (Raptors) and Eagle Team. The HDC members are a group of Pilots and Aviation Support personnel that support National Training Center rotations.

**Officers:**  
LTC Jason Woodward: President  
MAJ Ross Ridge: Senior VP  
CPT Joshua E. Rosner: Secretary  
CPT Daniel Zajac: Treasurer  
CPT Gregory Gibbons: VP Awards  
CW3 Kenneth P. Myers: VP Member Enrollment

### Southern California Chapter Huntington Beach, CA



**Category:** Master Chapter; 348 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, US 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 F. Hendrickson, Ret.: President  
LTC Thomas E. Lasser, Ret.: Senior VP  
COL Russell W. Chung, Ret.: Secretary  
COL Russell W. Chung, Ret.: VP Scholarship  
CSM Ronald D. Cabrera: VP Awards  
Mr. Michael N. Letson: VP Member Enrollment

## Colorado

### Pikes Peak Chapter Fort Carson, CO



**Category:** Master Chapter; 295 Members  
**Activation Date:** 6/1/1959  
**Website:**  
[www.quad-a.org/PikesPeakChapter](http://www.quad-a.org/PikesPeakChapter)



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# 2022 AAAA Chapter Directory

**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. Acknowledging AAAA's commitment to supporting the United States Army Aviation Soldier and Family, the Pike's Peak Chapter similarly exists to support the more than 3,000 Ivy Eagles assigned to 4CAB, 4ID. Specifically, the Pikes Peak Chapter draws on its unique Mountain Post location and unit lineage to curate events that foster camaraderie, enhance unit pride, and contribute to participants' professional development as members of the Army Aviation community.

COL Joshua R. Ruisanchez: President  
CSM James Etheridge: Senior VP  
MAJ Elizabeth Verardo: Secretary  
1SG Becky Haynes: Treasurer  
CSM Greg Turpin: VP Awards  
SFC Keith Lovely: VP Member Enrollment

## Connecticut

### Connecticut Chapter Stratford, CT



**Category:** Master Chapter; 349 Members  
**Activation Date:** 3/1/1973

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

**Description:** Located in Monroe, Connecticut, Supports the following Units; 1109th TSMG Connecticut National Guard, Groton, CT 06430-5300, Defense Contract Management Agency (DCMA), Stratford Connecticut 06615, 1st Bn, 169th Aviation Regt, Windsor Locks CT 06096 - 1086, Connecticut ARNG Support Facility Windsor Locks 06096 - 1086, Det. 6, OPN Spt. Airlift Agency (OSA-A) Windsor Locks CT 06096 - 1086. The chapter is made up of Military and Civilian personnel.

#### Officers:

Mr. John H. Palumbo: President  
CW4 Charles H. Brady, Ret.: Senior VP  
Mr. Ronald B. Kwalek: Secretary  
Mr. Matthew Lisk: Treasurer  
Mr. Douglas C. Shidler: Past President  
LTC Paul B. Hoar, Ret.: VP Scholarship  
Ms. Christina Beale: VP Communications  
Mr. Domingos Fernandes: VP Programs  
SSG Kyle F. Buckley: VP Enlisted Affairs  
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



### Please contribute to the AAAASFI through the Combined Federal Campaign (CFC) program.

The AAAA Scholarship Foundation, Inc. provides a variety of annual scholarships to hundreds of students seeking higher education: Soldiers, NCOs, warrant and commissioned officers and to their family members. Your tax-deductible donation helps make a difference to those looking to further their educational opportunities.

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**The AAAA Scholarship Foundation, Inc.**  
593 Main Street, Monroe, CT 06468-2806  
Email: [aaaa@quad-a.org](mailto:aaaa@quad-a.org)  
(203) 268-2450

## Florida

### Central Florida Chapter Oviedo, FL



**Category:** Super Chapter; 592 Members  
**Activation Date:** 3/1/1989

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

**Description:** The Central Florida Chapter is made up of former Aviation Soldiers and volunteers mostly with ties to Simulation because of the proximity of PEO STRI. Our footprint includes Orlando, Tampa and Miami, and everything in between. We support mainly two aviation locations Clearwater and Brooksville where both USAR and ARNG reside. The chapter's success is based on a core of volunteers and social attendees with Vietnam and Desert Storm roots who attend every social. Our battle rhythm has been tweaked over the years but routine and continuity through Google drives and a savvy social media campaign truly is the reason for our success.

#### Officers:

COL Kevin A. Vizzarri, Ret.: President  
Mr. Chris C. Wanitshka: Senior VP  
Mr. Michael G. Younce: Secretary  
Mr. Robert M. Puglisi: Treasurer  
MAJ Daniel E. Gallagher, Ret.: VP Scholarship

SFC Cory Armstrong, Ret.: VP Member Enrollment  
LTC John R. Bartholomew: VP ROTC Affairs  
MSGT Sean Osmond: VP Publicity  
CW5 Robert D. Witzler, Ret.: VP Tampa Operations  
COL Marcus L. Varnadore, USAR Ret.: VP STRI Affairs

### Embry Riddle Eagle Chapter Daytona Beach, FL



**Category:** AAAA Chapter; 31 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:

CDT Nicholas V. Farese: President  
CDT Zachary G. Adams: Senior VP  
CDT Jacob Struhs: Secretary  
CDT Emma Burnett: VP Scholarship

### Flying Gator Chapter St. Augustine, FL



**Category:** Senior Chapter; 123 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; - 2-111th AOB

#### Officers:

LTC Alexander V. Harlamor: President  
CW5 Christopher R. Tenaro: Senior VP  
CPT Kevin L. King: Secretary  
MAJ Joshua D. Peek: Treasurer  
CW4 Timothy Paul Dehner: VP Awards  
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:

MAJ Kevin M. Power: President  
CW4 Michael Bryan: Senior VP  
CW2 Kenneth Robinson: Treasurer  
CW2 Jose Benitez: VP Scholarship

### Greater Atlanta Chapter Marietta, GA



**Category:** Master Chapter; 263 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 Barry B. Simmons: President  
MAJ Jonathan A. Sellars: Treasurer

### Savannah Chapter Hunter AAF, GA



**Category:** Master Chapter; 202 Members  
**Activation Date:** 11/1/1966

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

**Description:** The Savannah Chapter is in Savannah, Georgia, and supports the Soldiers and Aviators on Hunter Army Airfield from the 3rd Infantry Division. The Chapter assists the 3rd Combat Aviation Brigade, 3rd Battalion - 160th SOAR, 224th Military Intelligence Battalion, and the Georgia National Guard's 78th Aviation Troop Command.



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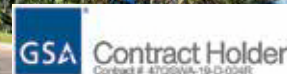
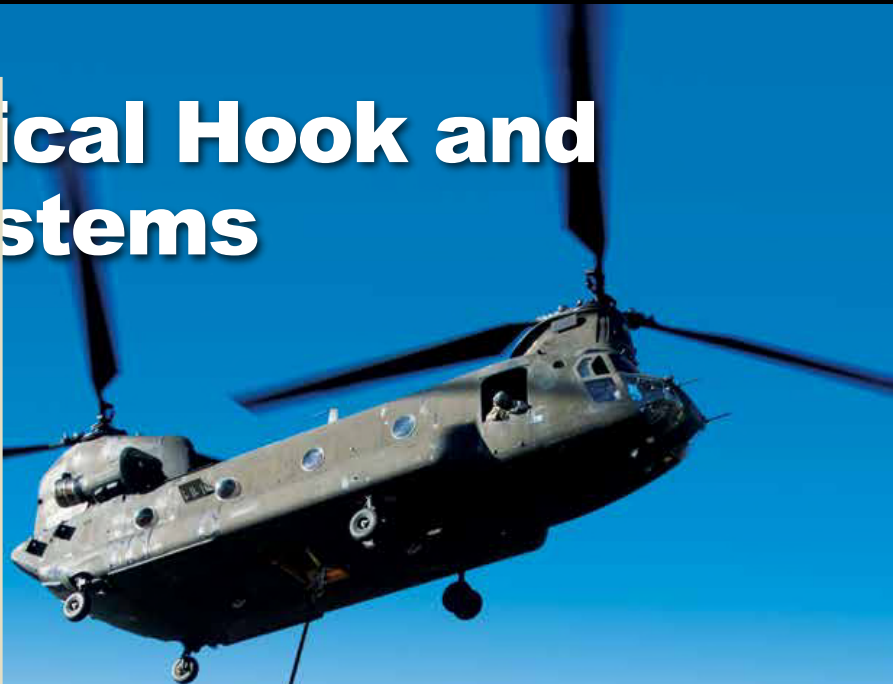


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# 2022 AAAA Chapter Directory

## Officers:

COL Michael S. McFadden, Ret.: President  
LTC Joseph A. McCarthy: Senior VP  
1SG Jeremy Kuryla: Secretary  
MSG Christopher J. Cashell: Treasurer  
CW4 Jonathan M. Morrison: VP  
Scholarship  
CSM Jason D. Huff: VP Enlisted Affairs  
CW5 Timothy M. Slifko: VP Government Affairs  
CSM Marcus Pitts: VP Member Enrollment

## Hawaii

### Aloha Chapter Wahiawa, HI



**Category:** Master Chapter; 175 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  
MAJ Matthew W. Perry: Secretary  
CPT Mikayla Stewart: Treasurer  
LTC Matthew McNeal: VP Scholarship  
CPT Ivan Grullen: VP Awards  
CPT Zachary Horowitz: VP Awards  
CW4 Mark Bales: VP Member Enrollment

## Idaho

### Idaho Snake River Chapter Boise, ID



**Category:** Senior Chapter; 133 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, provides 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:

LTC Granger M. Amthor: President  
CW4 John C. Jacobs: Senior VP  
MAJ Cameron J. Ryffel: Secretary  
CPT William F. Miller: Treasurer  
CW5 Robert M. McKinstry: VP Scholarship  
SFC Tammi K. Crnkovich: VP Awards  
SFC Wes Lee Obenauer: VP Member Enrollment

## Illinois

### Land of Lincoln Chapter Peoria, IL



**Category:** AAAA Chapter; 44 Members  
**Activation Date:** 4/1/1996  
**Website:** [www.quad-a.org/LandofLincolnChapter](http://www.quad-a.org/LandofLincolnChapter)

**Description:** None Provided

## Officers:

COL Leonard H. Jansen, Ret.: President  
CW5 David W. Hammon: Treasurer

## Iowa

### Iowa Chapter Cedar Rapids, IA



**Category:** Senior Chapter; 98 Members  
**Activation Date:** 6/1/1981  
**Website:** [www.quad-a.org/CedarRapidsChapter](http://www.quad-a.org/CedarRapidsChapter)

**Description:** We are the Iowa Chapter for AAAA. We are based out of Cedar Rapids, Iowa and are working towards building our membership in 2022. We support the Iowa Army Reserve in multiple locations.

## Officers:

Mr. Douglas Lloyd: President  
LTC Eric M. Nelson: Senior VP  
Ms. Erin Clemen: Secretary  
Mrs. Kelley Kirtz: Treasurer  
Mr. Aaron Runge: VP Member Enrollment

## Kansas

### Flint Hills Chapter Manhattan, KS



**Category:** Senior Chapter; 141 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 Jason Arriaga: President  
LTC Pearl H. Christensen: Senior VP  
LTC Lucas R. Anderson: Secretary  
LTC James E. Brant: Treasurer  
CW4 Bobby S. Sattazahn: VP Scholarship  
SGM Nathan Mullins Sr.: VP Enlisted Affairs

### Frontier Army Chapter Fort Leavenworth, KS



**Category:** Senior Chapter; 123 Members  
**Activation Date:** 8/1/1969  
**Website:** [www.quad-a.org/FrontierArmyChapter](http://www.quad-a.org/FrontierArmyChapter)

**Description:** The Frontier Army Chapter supports AAAA members at Combined Arms Center (CAC), Army University, the Command and General Staff College at Fort Leavenworth, KS and the greater Kansas City area.

## Officers:

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; 649 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 costs 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 C. Ruth III Ret.: President  
COL Stephen C. Smith, Ret.: Senior VP  
CW5 George C. Arzente, Ret.: Secretary  
CW5 Jeff Gregg, Ret.: Treasurer  
CW5 Robert L. Huffman, Ret.: VP Scholarship  
Mrs. Tamela Taliento: VP Industry Affairs  
SFC Andrew J. McClure, Ret.: VP Enlisted Affairs

### Bluegrass Chapter Frankfort, KY



**Category:** Senior Chapter; 81 Members  
**Activation Date:** 3/1/2007  
**Website:** [www.quad-a.org/BluegrassChapter](http://www.quad-a.org/BluegrassChapter)

**Description:** Bluegrass Chapter encompasses all past, present, and future Kentucky army national guard aviation members. Chapter is located at Boone national guard center, Frankfort, KY. The chapter supports UH-60M Assault, UH-60L MEDEVAC, LUH-72 S&S, C-12, and accompanying maintenance companies in the KY/ARNG.

## Officers:

LTC Gabriel D. Spicer: President  
COL Michael Armstrong: Senior VP  
CPT Christopher M Englen: Secretary  
CPT Jacob Conner: Treasurer  
WO1 Amanda N. Marlow: VP Scholarship  
MAJ Jessica Miller: VP Awards  
CW5 Troy A. DeGolyer, Ret.: VP Member Enrollment

### Gold Standard Chapter Fort Knox, KY



**Category:** Master Chapter; 179 Members  
**Activation Date:** 8/1/1959  
**Website:** [www.quad-a.org/GoldStandardChapter](http://www.quad-a.org/GoldStandardChapter)

**Description:** Operating from the Fort Knox, KY area, the chapter supports the Central Kentucky and Southern Indiana regions. Current membership sits at 190 personnel, members are primarily affiliated with 8-229th Aviation Regiment (AHB), the Army Reserve Aviation Command (ARAC), Human Resources Command Aviation Branch Personnel Management (Officer, Warrant Officer, NCO and Enlisted), 244th Expeditionary Combat Aviation Brigade, 1st Theater Support Command, 5th Corps, Aviation Support Facility - Fort Knox, and C Co (TAC), 6-52nd Aviation Regiment (TAB), C Co (Medevac) & F Co (ATS), 5-159th Aviation Regiment (GSAB). The chapter supports two AAAA scholarships each year as well.

## Officers:

COL Andrew D. Doehring, Ret.: President





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# 2022 AAAA Chapter Directory

CW5 Chris A. James: Senior VP  
CW3 Michael B. Argus: Treasurer  
CW3 Timothy A. Dailey: VP Scholarship  
MAJ Stephen Kramer: VP Programs  
MAJ Azizi V. Wesmiller: VP Programs

## Louisiana

### Bayou Chapter

Camp Beauregard Pineville, LA



**Category:** AAAA Chapter; 42 Members  
**Activation Date:** 2/15/2017  
**Website:**

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

**Description:** As part of the Aviation family, we firmly stand behind the AAAA mission: "Supporting the Army Aviation Soldier and Family". Bayou Chapter's goal is to afford membership benefits and opportunities to local personnel with an eagerness to advance the purpose of the Association. The decision to create a new chapter generated a lot of excitement from units based in Pineville. It was not hard to get the first 25 members to sign up. After one membership drive, we reached 39 members, 29 of which will be brand new AAAA members. Within a week, we were able to organize and conducted a start-up meeting, nominated and elected officers, and formed committees. Our facility has a very diverse mission set. We are home to an UH-60A/L Medevac Company, Air Traffic Control Company, Maintenance Det, UH-60M Air Assault Det, LUH-72 MEP Service & Support Det (Raid/Counter Drug), and a TUAS Det. All of these units are formally attached to a Theater Airfield Operations Group (TAOG). Having an AAAA Chapter provides an excellent source of bringing all these people from different professional aviation backgrounds together. Some key highlights that excite new members are that AAAA offers great opportunities to network as a professional in the total Army Aviation community. It also provides an opportunity to recognize Soldiers who do extraordinary things. Another reason that generated a lot of excitement was the scholarship program. AAAA actively helps Service Members find employment after their career in Army Aviation has ended. The PCEP program provides Industry Members opportunities to access highly-skilled and disciplined personnel who can be productive members of their workforce. This type of marketing can definitely give Soldiers an edge when applying for civilian jobs. AAAA also gives the Army Aviation community a voice in government. The biggest reason for excitement is AAAA enables Service Members to provide support for our brother and sister Soldiers, Families, and AAAA members through AAAA activities. Having a local chapter will increase esprit de corps. It will bring 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 will mean

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:

MAJ Chad Allen Hines: SeniorVP  
CPT Bobby K. Woods: Secretary  
CW5 James Brad Smith: Treasurer  
CPT Clarence K. Stiles III: VP Social Events

### Ragin' Cajun Chapter Fort Polk, LA



**Category:** AAAA Chapter; 44 Members  
**Activation Date:** 4/1/1973  
**Website:**

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

**Description:** We are the Rajin' Cajun Chapter! We are located here at Fort Polk with 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 Joseph D. Swinney: SeniorVP  
CW2 Jeffrey Speck: Secretary  
1LT Patrick Hiller: Treasurer  
CPT Dallas W. Critchfield: VP Awards

### Voodoo Chapter Hammond, LA



**Category:** Senior Chapter; 119 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. We consistently provide \$10,000.00 a year in scholarships to either our members or members of AAAA worldwide.

#### Officers:

MAJ Brian P. Guilbeau : President

COL John P. Plunkett: Senior VP  
SGT Nicole Morgan: Secretary  
SGM Rudolph M. Cambre: Treasurer  
SSG Stephen L. Gifford Jr.: VP Member Enrollment

## Maryland

### Mid-Atlantic Chapter Aberdeen, MD



**Category:** Master Chapter; 289 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, formerly the Monmouth 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  
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 Charles H. Schulze: President  
COL David M. Paolucci: Senior VP  
CW3 Teri C. Thomas: Secretary  
SFC Matt T. Gwin: Treasurer  
LTC Michael G. Olmstead, Ret.: VP Membership  
CW5 Albert B. Isenock, RET: VP Scholarship  
COL David W. Carey, Sr. Ret.: VP Industry Affairs  
SGM Joyce M. Wilson, Ret.: VP 244th Programs

## Massachusetts

### Minuteman Chapter Hanscom AFB, MA



**Category:** Senior Chapter; 169 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

COL Robert W. O'Connell: Senior VP  
MAJ James Robert Paulette Jr.: Treasurer  
COL Jonas Patrino: VP Scholarship  
CW4 Timmy L. Tompkins: VP Programs  
CW4 Thomas E. McNulty: VP Retired Affairs

## 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. Here in Michigan we work closely with the 3-238th GSAB in Grand Ledge, The C-12 detachment in Lansing, the AASF#2 in Selfridge, and the UAS unit in Grayling. As a member of the Army Aviation family, we are your professional organization.

#### Officers:

CW4 Ronald F. Ziehmer: President  
SGT Stephen Foster: Secretary  
CW3 Lee Fuller: Treasurer  
SSG Alejandro Villareal: VP Member Enrollment  
SPC Manuel Vasquez: VP Member Enrollment

## Minnesota

### North Star Chapter St. Paul, MN



**Category:** Senior Chapter; 166 Members  
**Activation Date:** 3/1/1991  
**Website:**

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

**Description:** The North Star Chapter affiliates with the 34th Infantry "Red Bull" Division encompassing the 34th Expeditionary Combat Aviation Brigade (ECAB) "Red Devils" units. Additionally, the chapter combines efforts of the State Army Aviation Office, Camp Ripley, and the two aviation facilities in Minnesota to support our Army Aviation community. Facilities in St. Paul, MN, St. Cloud, MN, and Camp Ripley, MN, maintain and operate UH-60 A/L/M Black Hawks, CH-47F Chinooks, and RQ-7 (Shadows). The last three years have tested the Minnesota Army Aviation community.

#### Officers:

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



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Vehicle GSE Maintainer Welder  
Aviation Safety (Air)

Instructor Pilot AH64E, AH6i, UH60M, MD500  
Maintenance Test Pilots AH-64E, UH60M  
Aircraft Mechanic MD530, UH60, AH64E, AH6i  
Aviation Armament Mechanic AH64, AH6  
Aviation Ground School Instructor  
(15Y, 15G, 15Si, 15B, 15N)  
Power Plant and Power Train Mechanics  
UH60 Non Rated Crew Member, UH60 FI/SI  
RW Aircraft Avionics and Electricians  
Training Management System Coordinator  
Materiel Handling Equipment Repairer

Aviation Maint Support (Class IX)  
ARFF EMT-B (Firefighter)  
Aviation Academic ELT  
Aviation Quality Control Inspector  
AH-64E, UH60 TI  
Technical Inspectors, Aviation  
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Production Control Clerk/Lead  
BN Training Lead  
Warranty & Claims Specialist  
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# 2022 AAAA Chapter Directory

## ShowMe Chapter Sedalia, MO



**Category:** AAAA Chapter; 52 Members  
**Activation Date:** 5/1/1998  
**Website:**  
[www.quad-a.org/ShowMeChapter](http://www.quad-a.org/ShowMeChapter)

**Description:** Show Me Chapter represents the Aviation community of the Missouri Army National Guard. Show-Me 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.: Vice President  
LTC John P. Martin: Secretary  
CPT Benjamin A. Hansen: Treasurer

## Mississippi Magnolia Chapter Magnolia, MS



**Category:** Senior Chapter; 118 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, reserve Soldiers, and Families (current and retired). MSARNG at multiple locations including Jackson, Gulfport, Tupelo, Meridian, Camp Shelby, and Southaven. The chapter supports the 185th ECAB, the 1108th TASM, the 1-185th AHB, the 2-185th AOB, Co B 1-111th GSAB, Co A 1-149th ARB, Co C 1-114th S&S, Co D 2-151st MED, Co G 3-238th GSAB, Det 1 Co B 449th ASB and the UAS training element at Camp Shelby. The supported units include each airframe in the Army inventory with multiple mission sets.

**Officers:**  
LTC Mark Walker Johnson: President  
LTC Len A. Fortenberry: Senior VP  
CW4 Robert S. Herrington: Secretary  
CPT Brandon L. Dixon: Treasurer  
CPT Colin Sullivan: VP Scholarship  
CW3 Anthony J. Impastato II: VP Member Enrollment

## Missouri Lindbergh Chapter Defiance, MO



**Category:** Master Chapter; 202 Members  
**Activation Date:** 8/1/1960  
**Website:**  
[www.quad-a.org/LindberghChapter](http://www.quad-a.org/LindberghChapter)

**Description:** The Lindbergh Chapter was established in 1960 and is located in the greater metropolitan St. Louis, Missouri area which includes members from Missouri and Illinois. Our membership which is close to 200, 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, 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  
Mr. Michael G. Tesi: Treasurer  
Mr. Robert Stenberg: VP Scholarship  
Ms. Jan J. Garmon: VP Member Enrollment

## Montana Big Sky Chapter Helena, MT



**Category:** Senior Chapter; 84 Members  
**Activation Date:** 3/1/2018  
**Website:**  
[www.quad-a.org/BigSkyChapter](http://www.quad-a.org/BigSkyChapter)

**Description:** The Big Sky Chapter is based out of Helena, MT and supports all current and prior Army Aviation members for the State of Montana. It directly supports the 1-189th GSAB as the only Army Aviation unit in Montana. 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 Robert Oleson: President  
CW5 Julie Vacura: Senior VP  
CPT Thomas Meredith: Secretary  
MAJ Dustin Horswill: Treasurer  
LTC Noah Genger: VP Scholarship  
CSM Frederick Haerter: VP Awards

1LT Kevin Stein: VP Member Enrollment

## Nebraska Prairie Soldier Chapter Grand Island, NE



**Category:** Senior Chapter; 85 Members  
**Activation Date:** 7/14/2009  
**Website:**  
[www.quad-a.org/PrairieSoldierChapter](http://www.quad-a.org/PrairieSoldierChapter)

**Description:** Our Chapter is made up primarily of Nebraska Army National Guard Aviation soldiers, both active and retired and their families who participate in AAAA for various reasons. Support units in Lincoln and Grand Island, NE. Primarily for social and networking within the NEARNG, we are looking to reinvigorate the chapter post-COVID.

**Officers:**  
LTC Dustin A. Wilkie: President  
CW4 Matthew D. Greathouse: Senior VP  
CW4 Joseph M. Dolton: Secretary  
CW3 Courtney L. Miller: Treasurer  
CW4 Zachary Hartmann: VP Activities  
1SG Gus R. Swanson: VP Enlisted Affairs  
CW5 Jeffery J. Caniglia: VP Member Enrollment

## Nevada Battle Born Chapter Reno, NV



**Category:** AAAA Chapter; 86 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 Rescues, Humanitarian Aid, and Combat Deployments. Units from Ne-

vada have served in locations around the world such as Panama, Kosovo, Haiti, Canada, and Afghanistan.

**Officers:**  
LTC Andrew S. Wagner: President  
CW2 Brandon Dewhurst: Senior VP  
CW2 Jacob Houser: Secretary  
LTC Matthew Jonkey: Treasurer

## New Jersey Jersey Chapter Neptune, NJ



**Category:** AAAA Chapter; 40 Members  
**Activation Date:** 3/1/1959  
**Website:**  
[www.quad-a.org/JerseyChapter](http://www.quad-a.org/JerseyChapter)

**Description:** The Jersey Chapter encompasses all of New Jersey. We are located at Joint Base Macquire in Lakehurst, NJ. New Jersey National Guard: 1-150th Aviation Battalion Lakehurst, JBMDL and New Jersey AASF#1 West Trenton. New Jersey AASF #2 Picatinny Arsenal. C5ISR Flight Activity Division: C5ISR Center, Intelligence and Information Warfare Directorate U.S. Army Combat Capabilities Development Command (DEVCOM). US Army Reserve: 244th Expeditionary Combat Aviation Brigade and 2-228th Aviation Battalion

**Officers:**  
COL Michael LaPoint: President  
Mr. John G. Klubnick, Sr.: Senior VP  
LTC Eric J. Tolska: Secretary  
Mr. Jin Park: Treasurer  
Mrs. Catherine C. Roache: VP Member Enrollment  
Ms. Nicole K. Zaretski: VP Social Media

## New Mexico Zia Chapter Santa Fe, NM



**Category:** Senior Chapter; 77 Members  
**Activation Date:** 7/1/2007  
**Website:** [www.quad-a.org/ZiaChapter](http://www.quad-a.org/ZiaChapter)

**Description:** Zia Chapter is a mix of retired and national guard Army Aviation Soldiers as well industry partners who live in New Mexico. Members are primarily from Albuquerque, Santa Fe, and Las Cruces where the New Mexico Army National Guard has aviation units garrisoned with Lakotas, Black Hawks, and Fixed Wing Aviation units. We focus on a mix of activities to include those down south near the Las Cruces facility and other activities up north servicing the Santa Fe facility.

**Officers:**  
MAJ Michael A. McGahie: President  
SFC Ryan Haworth: Senior VP  
Mr. Guy C. Gleason: Secretary





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CW4 Trudy Truax, Ret.: Treasurer  
LTC Linda M. DuMoulin: VP Scholarship  
SPC Jose Hernandez: VP Community Relations  
CW3 Brian Philipbar: VP Community Relations

## New York

### Black Knights Chapter Warwick, NY



**Category:** Senior Chapter; 173 Members  
**Activation Date:** 2/1/1988

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

**Description:** The Black Knights Chapter of AAAA is located at the United States Military Academy at West Point, NY, and currently supports almost 200 chapter members. 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 future aviation leaders.

#### Officers:

COL Richard Melnyk: President  
LTC Christopher Fuhrman: Senior VP  
CPT Richard C. Ortmann: Secretary  
LTC Andrew T. Bellocchio: Treasurer  
MAJ Jeremy D. Paquin: VP Scholarship  
MAJ Jill M. Rahon: VP Scholarship  
MAJ Steven M. Hoak: VP Member Enrollment  
LTC C. Mark Weathers: VP Public Affairs

### Empire Chapter Rochester, NY



**Category:** AAAA Chapter; 68 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:

LTC Eric R. Fritz: President  
LTC Scott C. Norcutt, Ret.: Senior VP  
CW5 Mark A. Vahey: Treasurer  
CW2 Adam Wilcox: VP Scholarship

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



**Category:** Senior Chapter; 161 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 1992 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  
BG Jack A. James: Senior VP  
CW4 Timothy Scott Dahlen, Sr. Ret.: Secretary  
LTC Neal C. Lennstrom, Ret.: Treasurer  
CPT Richard Siracusano III: VP Membership  
Mrs. Louise Loyst: VP Scholarship  
CW4 Thomas P. McGurn, Ret.: VP Awards  
LTC James P. Coan, Ret.: VP Communications  
COL Raymond S. Doyle, Ret.: VP Protocol

### Mohawk Chapter Latham, NY



**Category:** AAAA Chapter; 62 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 interested 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 Paul Michael Bailie: President  
MAJ Henry T. Chandler: Secretary  
SSG Jacob Robert Weitzel: Treasurer  
CPT Charles S. Ackley, Jr.: VP Scholarship  
CPT Forest J. Thrush: VP Awards  
MAJ Michael R. Audette, Ret.: VP Industry Affairs

CW3 Louis Malizia: 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; 105 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:

MAJ Joshua T. Kelly: President  
MAJ Matthew R. Stockton: Senior VP  
MAJ Savannah Livingston: Secretary  
MAJ Tyler B. Smith: Treasurer  
1LT Mark McGinnis: Treasurer  
CW5 Rolando Sanchez: VP Scholarship

## North Carolina

### Iron Mike Chapter Fort Bragg, NC



**Category:** Master Chapter; 241 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 E.J. Irvin II: President  
LTC Ryan I. Moore: Senior VP  
CW5 Charles W. Roberts, Ret.: Treasurer  
MAJ William H. Gratz: VP Scholarship  
CPT Julia Frassetto: VP Awards  
Ms. Ann Nollett: VP Programs  
COL David O. Jernigan, Ret.: VP Programs  
CW5 Mark A. Meyer: VP Member Enrollment

### Tarheel Chapter Raleigh, NC



**Category:** Senior Chapter; 145 Members  
**Activation Date:** 12/1/1977

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

**Description:** The Tarheel Chapter is proud of our "First in Flight" heritage, supporting our Army Aviation Soldiers and family members now for over 44 years. We are considered a AAAA Senior Chapter and represent about 150 current and former North Carolina Army National Guard members across the great state of North Carolina. We are based primarily out of our unit locations in Morrisville, Raleigh and Salisbury, NC. However the chapter reaches across the entire state to support its varied and geographically dispersed aviation community. The 449th Combat Aviation Brigade, 1-130th Attack Recon Battalion and 2-130th Airfield Operations Battalion and their subordinate units are the focus of our support. All of which have been extensively engaged in training and deployments over the last several years. The 449 TAB was awarded the AAAA Unit of the Year in 2019 and the 1-130 ARB was the National Guard Unit of the Year in 2020. The Tarheel chapter continues to build momentum with our new chapter officer team and hopefully exiting the restrictive COVID19 environment. We want to maintain the gains made over the last several years especially through support to the scholarship program. We have donated over \$100,000 to scholarships including what will be about \$15,000 this year. We have been more consistent with our Order of St. Michael Awards including several NCOs this year but we still have tons of deserving candidates. We also look forward to a COVID free environment that allows for more social interaction, personal engagement and attendance at National Conference Events. Especially our annual golf tournament which is our big money generator for local and national scholarships. Most importantly we continue to be proud of all the units and aviation Soldiers we represent across our great State!

#### Officers:

LTC Mark E. Pickett: President  
LTC Mark VanVeldhuizen: Senior VP  
CW3 Carl A. Glover, Ret.: Secretary  
SGT Teresa A. Barbee: Treasurer  
MAJ Timothy Joel Thomas: VP Scholarship  
MAJ Bethany Barden: VP Communications  
MAJ Charles Green: VP Programs

## Ohio

### Wright Brothers Chapter Columbus, OH



**Category:** Master Chapter; 225 Members  
**Activation Date:** 2/1/1991



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# 2022 AAAA Chapter Directory

**Website:**  
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 James D. McDarmont: SeniorVP  
SFC Daniel Hingston: Treasurer  
CPT Jeffrey S. Gyurcsik, Ret.: VP Scholarship  
SSG Joseph W. Korecz: VP EnlistedAffairs  
SFC Bernard J. Miesse, Ret.: VP Social Events

## Oklahoma

### Thunderbird Chapter Tulsa, OK



**Category:** Master Chapter; 199 Members  
**Activation Date:** 1/26/2012  
**Website:**  
www.quad-a.org/ThunderbirdChapter

**Description:** Thunderbird Chapter is located in Tulsa, Oklahoma at the Army Aviation Support Facility #2. We support members of HHC 2-245th AVN REG, C Co 2-245th AVN REG, 3-238th ATC, 1-169th AVN REG, 2-149th GSAB, Det 1 Co C 3-140th S&S, C Co 1-244th AHB (D, E, HHC detachments), and Co B 834th ASB.

**Officers:**  
LTC Bradley C. Dean: President  
MAJ John R. Pollard: Senior VP  
SSG Stephanie M. Cowart: Secretary  
1LT Martin R. Howell: Treasurer  
MAJ Christopher K. Lackey: VP Scholarship  
CPT Tyler M. Sharpe: VP Awards  
CPT Vinnie M. Bracaglia: VP Communications  
SGT Alaney O'Day: VP Enlisted Affairs  
CSM William C. Ritter: VP Member Enrollment

## Oregon

### Oregon Trail Chapter Salem, OR



**Category:** Senior Chapter; 151 Members  
**Activation Date:** 5/1/1995  
**Website:**  
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. Partnerships: 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: SeniorVP  
CSM Jim R. Brown: Secretary  
CSM Jim R. Brown: Treasurer  
CPT Timothy Heater: VP Programs  
Lt. Col. Keith Townsend  
VP Air Force Representative  
CW2 Michael S. Newgard: VP MembEnrollment  
CPT Taylor Frye: VP Pendleton OR  
CW3 Jeremy Andrew: VP Salem Area

## Pennsylvania

### Delaware Valley Chapter Philadelphia, PA



**Category:** Master Chapter; 285 Members  
**Activation Date:** 4/1/1969  
**Website:**  
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:**  
Mr. Ed C. Hassiepen III: President  
Mr. Patrick Donnelly: SeniorVP  
LTC Christopher P. Downey, Ret.: Secretary  
1SG John R. Keim, Jr. Ret.: Treasurer  
Ms. Cathy Anthony: VP Scholarship  
Mr. Dave R. Eck: VP Programs

### Keystone Chapter Indiantown Gap, PA



**Category:** Master Chapter; 236 Members  
**Activation Date:** 10/1/1981  
**Website:** 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:**  
LTC Michael S. Gross: President  
MAJ Trevor K. Patrick: Senior VP  
CPT Zachary Krise: Secretary  
CPT James A. Kistler: Treasurer  
MAJ Nathan D. Smith: VP Scholarship  
MAJ Kandy Heekin: VP Awards  
CPT Nathan A. Bevans: VP Communications  
MAJ Michael S. Bertsch: VP Member Enrollment  
COL Dennis J. Sorensen, RET: VP Retired Affairs

## Rhode Island

### Narragansett Bay Chapter North Kingston, RI



**Category:** AAAA Chapter; 73 Members  
**Activation Date:** 8/1/1992  
**Website:** 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, continue 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:**  
LTC John S. MacDonald: President  
MAJ Jarred Rickey: SeniorVP  
CPT Daniel W. Berkowitz: Secretary  
CW3 Rachel Giblein: Treasurer  
CW4 Gregory S. Jones: VP Scholarship  
CW2 Sarah E. Beyer: VP Awards  
MAJ Tessa L. Baptista: VP Programs  
SSG Jason R. Garland: VP EnlistedAffairs  
CPT Tyler W. Donovan: VP MembEnrollment  
CPT Matthew J. Schultz: VP MembEnrollment  
CW2 David E. Powers: VP WO Affairs

## South Carolina

### Jimmy Doolittle Chapter Columbia, SC



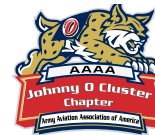
**Category:** Master Chapter; 331 Members  
**Activation Date:** 3/1/1997  
**Website:** www.quad-a.org/JimmyDoolittleChapter

**Description:** The Jimmy Doolittle Chapter is the only AAAA Chapter in South Carolina and supports 1200 Soldiers and their families. The Jimmy Doolittle Chapter is the bridge from the past, present, and future of Aviation in South Carolina. We strive to connect our rich heritage in the state as well as nation as we continue to support the Aviation Soldier and Families.

**Officers:**  
LTC John W. McElveen: President  
CPT Joshua R. Blizzard: SeniorVP  
SFC Stephen T. Snodgrass: Secretary  
CPT Michael Perry Snyder: Treasurer  
CW3 James Brian Cox: VP Membership  
CPT James A. Smith: VP Scholarship  
CW5 Matt Fitter, USAF: VP Awards  
SGT Jonathan Harling: VP Awards  
CW2 William R. Carlson: VP Social Media

## Tennessee

### Johnny O Cluster Chapter Nashville, TN



**Category:** AAAA Chapter; 12 Members  
**Activation Date:** 4/1/2018  
**Website:** www.quad-a.org/JohnnyOClusterChapter

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

**Officers:**  
Mr. Dodrick Smith: President  
CW4 Darwin C. Oberlander, RET: SeniorVP





# 2022 AAAA Chapter Directory

Mrs. Deirdre Demana: Secretary  
Mr. Thomas W. Moore: Treasurer  
Mrs. Rachael D. Smith: VP Scholarship  
Mr. Chris Brautigam: VP Communications  
Miss Anastasia Smith: VP Membership  
MAJ Alpheus Davis: VP Military Affairs

## Volunteer Chapter Smyrna, TN



**Category:** Master Chapter; 175 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  
CW3 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; 153 Members  
**Activation Date:** 11/1/1964  
**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 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. Marc A. Garza: Senior VP  
Ms. Amber E. Gaston: Secretary  
Ms. Jahna D. Fulton: Treasurer  
Ms. Suellen D. Dennett: VP Scholarship  
Ms. Yessica Y. Hernandez Mendoza: VP Programs  
Mr. Kevin S. Rees: VP Membership  
Mr. Samuel E. Villalobos: VP Publicity

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



**Category:** Master Chapter; 182 Members  
**Activation Date:** 4/1/1960  
**Website:** <https://www.quad-a.org/JackHDibrellAlamoChapter>

**Description:** The AAAA Jack H. Dibrell/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 Robert Guevara: President  
CW4 Pedro J. Vargas-Lebron: Senior VP  
CW2 Daniel L. Hillner: Secretary  
CW2 Jacob Keaton Jones: Treasurer  
CPT Joshua M. Tauer: VP Awards  
LTC Jose L. Reyes, Ret.: VP Industry Affairs

### Lonestar Chapter Conroe, TX



**Category:** Senior Chapter; 133 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, 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 William T. Grantham: Senior VP  
CPT Brady Boyd: Treasurer  
MAJ Christopher A. White: VP Scholarship

### North Texas Chapter Fort Worth, TX



**Category:** Master Chapter; 453 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, Elbit, Howell Instruments, SKF Aerospace, DynCorp International, GE 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 Carl R. Coffman, Ret.: President  
COL Michael E. Moody, Ret.: Senior VP  
COL Michael E. Demirjian, Ret.: Secretary  
LTC Noma C. Martini, Ret.: Treasurer  
CW4 Michael D. Crowley: VP National Guard & Reserves  
LTC Terrance L. Reininger, Ret.: VP Scholarship  
COL Gary L. Cunningham, Ret.: VP Programs

### Phantom Corps Chapter Fort Hood, TX



**Category:** Master Chapter; 280 Members  
**Activation Date:** 11/1/1958  
**Website:** [www.quad-a.org/PhantomCorpsChapter](http://www.quad-a.org/PhantomCorpsChapter)

**Description:** The Phantom Corps Chapter is located at Fort Hood, Texas; supporting the Soldiers, Civilians, and Families of the Aviation entities home based here. 1st AIR CAV, 166th Avn Bde, 15th MI (AE) and the numerous UAV platoons and staff aviation professionals in the 1st Army DIV HQ, 1st CAV DIV HQ, and III Corps HQ; additionally providing social connection to the expansive retiree and veteran aviation personnel living in and around Fort Hood within all of central Texas. 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 K. Greene, Ret.: President  
SGM Stephen A. Williams, Ret.: Senior VP  
MSG Perry L. Molden Jr.: Secretary  
CW2 Joann L. Courtland: Treasurer  
MAJ Robert P. Massey: VP Operations  
CW4 Ignacio Becera: VP Operations  
LTC Edward Sauter: VP Scholarship  
CW4 Jerry Spears: VP Awards  
1SG Brandon J. Casey: VP Enlisted Affairs  
CPT Daté O. Dakitse: VP Member Enrollment

### Rio Grande Chapter El Paso, TX



**Category:** Senior Chapter; 130 Members  
**Activation Date:** 9/1/1972  
**Website:** [www.quad-a.org/RioGrandeChapter](http://www.quad-a.org/RioGrandeChapter)

**Description:** The Rio Grande Chapter is located in El Paso Texas and supports Active duty and retired soldiers from the 1st Armored Combat Aviation Brigade, the 204th MI Battalion, The Sergeant Majors Academy, and Various staff members throughout the 1st Armored Division.

#### Officers:

SGM Michael R. Teague: President  
LTC George W. Benter IV, Ret.: Senior VP  
SFC Edwin Marquez-Rosado: Treasurer  
1LT Natalie Schorr: VP Operations  
MAJ DeVonne R. Johnson: VP Awards  
MAJ Victor A. Munoz: VP Member Enrollment

## Utah

### Utah Chapter West Jordan, UT



**Category:** Senior Chapter; 100 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/1-12th (LUH-72), and Det 4/50 641st AVN REG (C-12). We currently have 904 Aviation Soldiers.

#### Officers:

COL Ricky N. Smith: President  
LTC Jeremy D. Tannehill: Senior VP



# 2022 AAAA Chapter Directory

## Vermont

### Green Mountain Boys Chapter Green Mountain, VT



**Category:** AAAA Chapter; 30 Members  
**Activation Date:** 11/1/2021  
**Website:** [www.quad-a.org/GreenMountainBoysChapter](http://www.quad-a.org/GreenMountainBoysChapter)

**Description:** The Green Mountain Boys Chapter of AAAA is made up of Aviation soldiers from Vermont and the New England area as well as industry and retired members. 2021 was our inaugural year, and we look forward to building a community that supports the various deployments from the Vermont Army National Guard aviation units!

#### Officers:

CPT Samuel T. Slater: President  
MAJ David Johnston: Senior VP  
1LT Ryan Farina: Secretary  
CPT John Lescure: Treasurer  
CPT Dan Davis: VP Scholarship  
Mr. Adam Truso: VP Industry Affairs

## Virginia

### Colonial Virginia Chapter Fort Eustis, VA



**Category:** Master Chapter; 335 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), recently 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:

LTC Ryan M. Miedema, Ret.: President  
SGM Martin J. Moreno, Ret.: Secretary  
SFC Steven Lamar Burge: Treasurer  
CDR Edward T. Johnson Jr. Ret.: VP Scholarship  
LTC William R. Cristy, Ret.: VP Awards  
LTC David C. Meyer, Ret.: VP Industry Affairs

SFC Trevor Johnstin, Ret.: VP Member Enrollment

### Stonewall Jackson Chapter Sandston, VA



**Category:** AAAA Chapter; 60 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, serves 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:

COL William X. Taylor: President  
LTC James G. Sheldon: Treasurer  
CW5 Kevin R. Edwards, Jr.: VP Member Enrollment

### Washington-Potomac Chapter Arlington, VA



**Category:** Super Chapter; 994 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 1000 members covers the National Capitol Region. 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:

COL Ronald G. Lukow, Ret.: President  
MG Rudolph Ostovich III Ret.: Senior VP  
MAJ Terry Mullis: Secretary  
LTC Frank A. Tedeschi: Treasurer  
CW3 Matthew DuWayne Vennie: VP Operations  
COL Stephen T. Burns, Ret.: VP Scholarship  
CW5 Daniel R. Curry, Ret.: VP Awards  
MAJ Ronald A. Putnam, Ret.: VP Industry Affairs  
LTC David W. Crocker: VP Programs  
1SG Wilfredo Piris: VP Enlisted Affairs  
MAJ Matt D. Colsia: VP Member Enrollment

## 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:

CW5 Teresa M. Burgess, Ret.: President  
COL Derek S. Finison: Senior VP  
MAJ Christopher Benjumea: Secretary  
COL Michael A. Fleetwood, Ret.: Treasurer  
SSG David Michael Goodhue, Ret.: VP Scholarship  
CW5 Paul Duffer: VP Awards  
MAJ Jonathan A. Uran: VP Industry Affairs  
1LT Theodore Oh: VP Publicity

## Wisconsin

### Badger Chapter Madison, WI



**Category:** Master Chapter; 175 Members  
**Activation Date:** 5/24/2012  
**Website:** [www.quad-a.org/BadgerChapter](http://www.quad-a.org/BadgerChapter)

**Description:** The Badger Chapter is based out of Madison, WI. It is the first "virtual" chapter, designed to connect SMS across WI. The chapter supports units assigned to the 1-147th AHB, including C Co (-) 1-168 GSAB, Det 1 G Co 2-104th GSAB, Det 2 D Co 1-112th GSAB, Det 1 B Co 168th ASB, and Det 5 A Co 1-641st AVN (OSACOM).

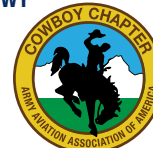
#### Officers:

LTC Daniel J. Allen: President

MAJ Joshua Allan Felber: Senior VP  
MAJ Lucas J. Sivertson: Secretary  
MAJ Jeremy J. Duffy: Treasurer  
CW3 Craig Hatfield: VP Scholarship  
CW3 William Ryan: VP Communications  
LTC Tammy L. Gross: Historian  
CPT Patrick J. Peterson: VP Fund Raisers  
SSG Timothy Robert Hass: VP Enlisted Affairs  
MAJ Nils D. Henderson: VP Government Affairs  
MAJ John P. Langeberg: VP Member Enrollment

## Wyoming

### Cowboy Chapter Burns, WY



**Category:** AAAA Chapter; 67 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 Firefighting, Search and Rescue, Flood Support and CASEVAC Standby for wild fire operations.

#### Officers:

CW4 Steven J. Atencio: President  
CW4 Derek R. Fisbeck: Senior VP  
SGT Matthew Jacob Connary: Secretary  
CPT Dustin J. Wambach: Treasurer  
SSG Morgan Elizabeth Graham: VP Scholarship  
SSG Andrew McCown: VP Awards  
MSG Jason L. Cox: VP Member Enrollment

## OCONUS

### Bavarian Chapter Hohenfels, Germany



**Category:** AAAA Chapter; 41 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. Currently there are approximately 50 members, mostly





# 2022 AAAA Chapter Directory

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 Paul W. Moreshead: President  
CSM Albert Rodriguez: Senior VP  
CPT Timothy S. McKiddy: Secretary  
CW4 Kevin Linken: Treasurer  
MAJ Sean E. Boniface: VP Operations  
CW4 Nicholas Jacoby: VP Scholarship  
SSG Alexander Snyder: VP Programs

## Desert Oasis Chapter Saudi Arabia



**Category:** AAAA Chapter; 44 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 Chris H. Clyde: President  
MAJ William Carrion II: Senior VP  
CW4 Steven A. Drysdale: Secretary  
CW4 Christopher Petrullo: Treasurer  
SFC Justin LaFountain: VP Scholarship  
LTC Paul Lee McKinney: VP Member Enrollment

## Griffin Chapter Katterbach, Germany



**Category:** AAAA Chapter; 65 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 Gerald P. Schuck: President  
MAJ James R. Antonides: Secretary  
Mr. Heath Morecraft: Treasurer  
MAJ John F. Wlasniewski: VP Scholarship

MAJ James Raymond: VP Member Enrollment  
CW5 John Bilton: VP WO Affairs

## Morning Calm Chapter Seoul, Korea



**Category:** Senior Chapter; 158 Members  
**Activation Date:** 5/1/1958  
**Website:** [www.quad-a.org/MorningCalmChapter](http://www.quad-a.org/MorningCalmChapter)

**Description:** The Morning Calm Chapter directly supports the only permanent forward deployed aviation brigade, stationed at Camp Humphreys and Seoul, South Korea. The chapter consists primarily of permanently assigned Soldiers of the 2nd Infantry Division, however, is also supported by a rotational aviation battalion (2021 consisted of units from Fort Riley, Kansas and Fort Lewis, Washington--and their associated AAAA chapters).

## Officers:

COL Aaron M. Martin: President  
MSG Paul Bush: Senior VP  
MAJ Kenneth R. Dougher: Secretary  
MAJ Jeremy G. Larson: Treasurer  
CW3 Chong Kwan Yim, Ret.: VP Scholarship  
1LT Alicia Merrell: VP Awards  
MAJ Joseph H. Yurisich: VP Member Enrollment

## Rising Sun Chapter Camp Zama, Japan



**Category:** AAAA Chapter; 42 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 U.S. Army Aviation Battalion - Japan. We also accept members from and support the entire U.S. Army - Japan community. The Rising Sun Chapter was re-established in 2016 and currently has 42 members located throughout the Pacific.

## Officers:

LTC Michael Omodt: President  
MAJ Brian Smith: Senior VP  
CW4 Thomas B. Johnson: Vice President  
CW2 Brenley Ransome: Secretary  
CW2 Cristobal Quiroz: Treasurer

## Sinai Chapter Sinai, Egypt



**Category:** AAAA Chapter; 10 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. Interested in serving as a chapter officer? Contact [chapters@quad-a.org](mailto:chapters@quad-a.org).

## Winged Warriors Chapter Soto Cano Airbase, Honduras



**Category:** Senior Chapter; 76 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:

MAJ John D. Granlund: Senior VP  
1LT Tristan Johnson: Treasurer  
CPT Colby M. Hyde: VP Awards  
1LT David C. Hubble: VP Programs  
1LT Ian M. Gidcomb: VP Publicity

## Join AAAA Today!



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- Voice
- Support



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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. 39 qualified AAAA members, submitting 58 Army Aviation related photographs taken during CY 2021, 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 2022 contest. Visit the AAAA website, [quad-a.org](http://quad-a.org) for details and submission requirements.

*Bill Harris, Publisher*

### **First Place – “Crew inspects Outside” by CPT Osvaldo Olmos**

*December 13, 2021; Camp Humphreys, Korea*

SPC Eastwood looks out the window of a CH-47 awaiting liftoff of the aircraft to issue fuel to units in the field.

### **Second Place – “A Leg Up” by Mr. Colin Magonigal**

*May 25, 2021; Redstone Arsenal, AL*

Soldiers and contractors (Devin Gregory, SSG Michael O'Connor and Joaquin Burgos) conduct live hoist operations training to maintain test readiness at the U.S. Army Redstone Test Center.

### **Third Place – “UC-35 Ramp Sunset” by CW5 Jeffery J. Caniglia**

*July 23, 2021; Dobbins AFB, GA*

A UC-35 waits on the ramp for night training.

### **Fourth Place – “Over the Hills and Far Away” by SGT Adeline Witherspoon**

*November 21, 2021; Tacoma Washington*

U.S. Army Staff Sgt. Austin Cook, assigned to 96th Aviation Troop Command, Washington Army National Guard, travels to Lumen Field for a multi-ship flyover of the pregame ceremonies for the Seattle Seahawks VS. the Arizona Cardinals football game.





**Honorable Mention – “Air Traffic Services” by MAJ Brian Alliston**  
*October 6, 2021; Brown Stagefield*

From left to right: SPC Aaron Prince, SSG Theresa Guadarrana, PFC Logan Wert, PV2 Marquise Givhan, PFC Samuel Hodges, SPC Benjamin Santiago, CPL Eddie Ross.



**Honorable Mention – “Night MEDEVAC Mission” by CW5 Jon Campbell**  
*October 5, 2021; Bangor International Airport, Maine*

Crew completing runup checks prior to launching on a real life MEDEVAC mission to a remote location in Northern Maine.



**Honorable Mention – “I SPIES” by SGT (Ret.) Alcone Levier**  
*June 22, 2021; Campbell Army Airfield, KY*

Soldiers of the 101st Airborne Division demonstrate Special Purpose Insertion and Extraction (SPIES) during Week of the Eagle at Campbell Army Airfield, Fort Campbell, Kentucky.



**Honorable Mention – “Run-Up” by CW2 Bryce Potter**  
*January 12, 2021; Fort Riley, Kansas*

An AH-64E from 1-6 CAV conducts systems checks prior to departure for a nighttime mission.





**Honorable Mention – “Airbus UH-72B Lakota at Sunset” by Mr. James Darcy**

*August 16, 2021; Grand Prairie, Texas*

The Army took delivery of its first UH-72B Lakota in September of 2021. The latest version of the Army and National Guard's Light Utility Helicopter, the five blades and Fenestron tail rotor of the B variant are silhouetted against the sunset on this demo flight in Texas in August.



**Honorable Mention – “See Ya Later” by SGT (Ret.) Alcone Levier**

*June 22, 2021; Campbell Army Airfield, KY*

A UH-60M from B Co. “Lancers”, 5-101st Aviation Regiment, transitions to forward flight after demonstrating Fast Rope Insertion/Extraction System (FRIES) capabilities during Week of the Eagle at Campbell Army Airfield, Fort Campbell, KY.



**Honorable Mention – “Staged and Set” by CW2 Michael Padiung**

*May 12, 2021; Desiderio Army Airfield, Camp Humphreys, Republic of Korea*

3rd Military Intelligence Battalion fleet staged and ready.



**Honorable Mention – “Another Army Aviation Day” by Mr. David Weller**

*June 5, 2021; Creve Coeur Airport, St. Louis, Missouri*

The Gateway Chapter of the Army Aviation Heritage Foundation held a ride event in conjunction with the Lindbergh AAAA Chapter's 60th Birthday party. The aircraft in the photo is 68-16104 which first saw service with the 191st AHC in Vietnam. The aircraft was piloted by CW4 (R) William “Bill” MacIntire and Mr. John Keckeris. The crew chief for this flight was SFC(R) Terry Wolfmeyer.

# Achieving MOSA Objectives Requires Enterprise-Wide Transformation

By Mr. Matt Sipe



U.S. ARMY PHOTO

Numerous articles have been written about the evolution of the future battlespace, emergence of asymmetrical warfare, multidomain operations, and the need for rapid innovation. What is not obvious to many people is that this future complex ecosystem will not be dominated by monolithic or singularly complex individual weapon systems; rather, the future fight will require agility of multi-vendor products across multi-platform operations that can be changed at the speed of relevance.

This requires an environment where rapid integration of new modules against known open key interfaces is the standard practice on a per-capability basis. This new ecosystem will require the U.S. government and industry partners to collaborate in smaller and faster ways, enabled by modularity and openness, in order to achieve the objectives:

- Efficiency in both cost and fielding time;
- Effectiveness of new capabilities in emerging operational contexts; and
- Credibility in the total process, from innovation thru acquisition and on to sustainment.

### Transformation Office

In November 2020, the Army Program Executive Office (PEO) for Aviation established the Modular Open Systems Approach (MOSA) Transformation Office. MOSA became a statutory requirement for all new start programs in 2017 with the National Defense Authorization Act (NDAA).

*BG Rob Barrie, Program Executive Officer Aviation receives an update during the September 2021, combined FACE™/SOSA™ Technical Interchange Meeting in Huntsville, AL.*

In the 2021 NDAA, the MOSA legal requirements were applied to modifications on existing systems. These new legal requirements leverage many years of groundwork in technical standards, such as the Future Airborne Capabilities Environment (FACE), Sensors Open Systems Architecture (SOSA), Hardware Open Systems Technology (HOST) and others that laid the technical groundwork for common interfaces between modules. These have broad multi-service and industry participation after conducting regular collaboration events with the Army, Navy and Air Force along with broad industry participation in developing standards for use in complex embedded systems.

In September 2021, PEO Aviation hosted an Open Systems Demonstration at the combined FACE™/SOSA™ Technical Interchange Meeting in Huntsville, Ala., with numerous vendors and different products of various kinds of both hardware (chassis, cards, displays, etc.) and software (applications, algorithms, display applications, middleware, containers, etc.) It was the largest Open Systems Demo to date. Following this very successful event, PEO Aviation continued our MOSA work and demonstrated even more rapid integration at the AAAA Cribbins event two months later in Huntsville. Showing the progress on just a few actual product integrations thorough this demonstration is simply the tip of the iceberg for the



work being performed by the MOSA Transformation Office to really achieve the PEO Aviation MOSA Objectives.

## Defining MOSA

What, precisely, does MOSA mean and how does a program acquire using it? The congressional language is helpful here, understanding that the NDAA has now several times adjusted the US Code “Title 10” (governing military acquisitions). Programs are now required to identify major system components (MSC) that are likely to change for a variety of reasons over a system’s lifecycle and provide an approach for how they will be managed. History has shown that a singular, large, complex weapon system will change many times over a very long lifecycle. Inserting modularity during these lifecycle changes is also clarified in the new statutes, instructing programs to apply a modular approach to these systems and not only future “clean sheet” designs.

PEO Aviation has a history of getting ahead of these legal requirements with recent programs such as the UH-60V, applying a separate acquisition of the modular avionics, as well as through significant involvement with S&T partners on the Joint Multi-Role and Mission Systems Architecture Demonstration programs preceding the Future Vertical Lift programs. PEO Aviation has very effectively proven that it knows how to put open systems on contract for an individual program. Agility will require aligning not only the standards and resulting modules within a single platform, but also the economies of scale and enterprise level benefits of aligning modules between different systems.

## Modular Thinking

The recent round of integration demos leveraged this concept to show numerous different capabilities from each PEO Aviation program in new and unique ways; this was partially to show the agility of rapid integration and to prove out complex technical challenges that come with integrated subsystems. Beyond the alignment of single-board computer backplanes, software application programming interface (API) constraints, and data transport methods, the integration on this scale requires an understanding of the unique functional capabilities provided by each module. When there is more than one “right” way to build a component, how does a program measure different components for conformance without an appropriate system-of-system-level demonstration? Put another way, a consumer purchases a finished product and only very rarely purchases all the parts to assemble a car in their own garage; thus, to get to common subsystems on multiple kinds of vehicles requires an enterprise architecture and product line strategy as well as the open standards and definition of common functions. Without this kind of modular thinking, the automotive industry would not get to self-driving cars; likewise, future complex battlespaces with multiple autonomous platforms operating across multiple domains requires MOSA and the corresponding enterprise architecture efforts.

Modular thinking affects the business aspects, not only the technical aspects, of acquisition. The MOSA Transformation Office is looking holistically at the issues of performing Business Case Analysis (BCA) during the early stages of each program. Mistaking commonality for modularity is an easy pit to fall into, thus reuse is not a singular measurement for achieving our complex objectives. The BCA process considers common solutions as well as vendor neutral “families” of subsystems and MSCs to enable the variety of solutions



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necessary across the complex acquisition space. Consider, for example, that the computing resources needed on a small unmanned system are constrained by size and weight even far beyond the already limited resources on a larger manned rotorcraft. Therefore, a family of computing solutions is being considered for the Aviation Common Mission Environment that allows multiple sizes and configurations of Line Replaceable Units that will allow common software applications to be reused; this was one of the main focus areas of the 2021 demonstrations.

## From Strategy to Execution

Moving from strategy to execution will be a major focus as PEO Aviation continues transforming around MOSA principles and enterprise objectives. This will involve key interfaces with product lines provided by other PEOs, alignment of models and architectural technical data, and improved implementation guidance for programs ready to write contracts in the coming year. PEO Aviation will also continue to develop conformance measurement tools and metrics to inspect what we expect. This entire transformation also involves continued collaboration with our industry partners through groups like the Vertical Lift Consortium and activities such as the Architecture Collaboration Working Group. We are regularly and actively soliciting feedback, demonstrating progress, and executing change along our MOSA lines of effort.

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*Mr. Matt Sipe is the director for the Modular Open Systems Approach (MOSA) Transformation Office, Program Executive Office for Aviation, Redstone Arsenal, AL.*

# CAB Operations in the Deep Area

By MAJ Jared Flurry



*Soldiers assigned to 1-3rd Attack Battalion, 12th Combat Aviation Brigade conduct pre-flight checks on an AH-64 Apache helicopter at the Joint Mission Readiness Center for Combined Resolve XVI in Hohenfels, Germany, Dec. 10, 2021.*

plines may not provide the desired levels of accuracy and timeliness, and may suffer from electronic magnetic interference. They may also struggle to identify non-moving, non-emitting mounted air defense systems and dismounted Man Portable Air Defense System (MANPADS) sections.

## CAB Control of Organic UAS

Division and echelon above division (EAD) A-ISR is dedicated to answering Priority Intelligence Requirements (PIRs) that may not enable the CAB's operations in the deep area. Retaining control over several CAB-organic unmanned aircraft systems (UAS), then, allows the CAB commander to dedicate A-ISR to answering PIRs tailored to his or her mission. As H-hour approaches, commanders may need to advance these UAS into enemy surface-to-air threat rings in order to provide collection and manned-unmanned teaming (MUM-T) capabilities on routes and on the objective. When sending the UAS forward, CAB commanders must weigh the risk of the platforms' loss with the value and timeliness of the information and targeting provided. To assist decision making, intelligence officers (S2s) and aviation mission survivability officers (AMSOs) should present commanders with successive options for positioning CAB UAS, trading progressively higher risk for improved collection and targeting. Retaining an additional UAS aloft during the mission window mitigates risk by enabling its rapid assumption of mission if the primary system is degraded or defeated.

## CAB Support Relationships with Enablers

Organic A-ISR collection on the deep area combined with General Support (GS) or Direct Support (DS) relationships to fires allows the CAB to order the suppression or destruction of enemy air defense (SEAD/DEAD) re-

**D**uring V Corps' recent Warfighter Exercise, the 12th Combat Aviation Brigade (12 CAB) Griffin Team and Corps planners came together to develop practices that address delivering more lethal and frequent CAB operations to an area whose penetration formerly required time-intensive planning and coordination. This article expands upon the doctrinal guidance of FM 3-04 Army Aviation to propose these practices for CAB operations in the deep area during large scale combat operations (LSCO). Though the considerations apply to any operation beyond the forward line of troops (FLOT), we discuss an Attack out of Contact (AOOC) against High Payoff Targets (HPTs) deployed 30-50km behind the FLOT. These elements, likely enemy reserves or fires, are often protected by superb air defense systems and require careful coordination to affect. We first identify effects of the threat environment (TE) then propose methods of planning and coordination that address challenges within the operational environment.

## Threat Environment Effects on Operations

The quality and quantity of near-peer air defense capabilities presents the predominant limitation on CAB operations within LSCO. Near-peer forces are structured to answer U.S. and U.S. partners' overmatch in the Air Domain with integrated defense capabilities from the treetops to the thermosphere. Our aircraft and aircrews are equipped and trained to operate in these TEs using systems, tactics, and enablers that greatly reduce risk. Mission success, though, relies upon an accurate Common Intelligence Picture (CIP).

The TE's degradation of aerial intelligence, surveillance, and reconnaissance (A-ISR) reduces our ability to refine the CIP. Weather and range limitations of full motion video (FMV) and synthetic aperture radar (SAR) packages may require operational planners to rely upon signals intelligence (SIGINT) and moving target indication (MTI) to provide the early tactical triggers associated with an operation. These intelligence disci-



quired to set conditions for its operation. Enabling fires in the deep area are constrained by range; the CAB might therefore expect DS from divisional Extended Range Cannon Artillery (ERCA) to clear routes of ingress, transitioning at the Fire Support Coordination Line (FSCL) to GS from Multiple Launch Rocket Systems (MLRS) or High Mobility Artillery Rocket Systems (HIMARS). Anticipating enemy elements outside the range of ERCA but short of the FSCL allows the CAB Fire Support Element (FSE) to provide responsive fires that might otherwise experience delays due to airspace coordination requirements. The Air Component will deliver close air support (CAS), aerial interdiction (AI), and electronic warfare (EW) effects; these are coordinated most effectively by air liaison officers (ALOs) or tactical air control parties (TACP) stationed temporarily within the CAB Command Post. Done properly, the coordination of intelligence collection, fires, EW, CAS, and AI “rolls the red carpet” from the FLOT to Attack-by-Fire positions and back.

### Deep Operations Planning Cell

The Center for Army Lessons Learned Handbook 18-11, Deep Operations, proposes the establishment of an Operational Planning Team or Deep Operations Coordination Center to serve as the nexus for planning efforts to shape the deep area. V Corps G32 (Aviation) modified this technique in establishing a Deep Operations Planning Cell (DOPC) tasked with serving as the nexus for proposing CAB missions and coordinating Division and EAD enabler support for them. This cell works on the 96-hour time horizons of the targeting and Air Tasking Order cycles while coordinating refinements within that window. In addition to the G32 (Aviation Officer), this group comprises the G-35 (Future Operations Officer), ALO, G-2 (Intelligence Officer), G-39 (Cyber and Electromagnetic Activities Officer), and Fires Support Coordinator. The DOPC’s mandate ensures that CAB operations in the deep area are directed, coordinated, and supported by Division or EAD while planned and executed by the CAB.

### Air Mission Approval Brief and Go/No Go Brief

Two non-doctrinal venues provide commanders and staff the opportunity to discuss the CAB’s proposed mission, the

enablers allocated to it, and the CIP: the Air Mission Approval Brief (AMAB) and the Go/No Go Brief. The AMAB takes place 24-72 hours before launch, proposing the mission to the Division or Corps commander and establishing criteria for its execution. The latter takes place 2-12 hours before launch and validates that the operational conditions outlined in the AMAB have been met. Both meetings validate the synchronization of assets and allow commanders to weigh the effects of mission success with enabler opportunity costs and risks to CAB aircraft and crews.

### Tactical Risk Assessment Worksheets

The CAB S-2 and AMSO lead the assessment of risk using established tools known as tactical risk assessment worksheets (T-RAWs). In order to determine gross risk, AMSOs input the number and sophistication of enemy systems expected to affect the mission. Aircraft survivability equipment, tactical flight modes, and enablers assigned to the mission all mitigate this risk, returning the anticipated losses of manned platforms. This calculation – almost never zero – exposes a sobering paradigm shift for CAB operations in the deep area.

### Closing Considerations

Even under advantageous circumstances, the term “Attack out of Con-

tact” may often mischaracterize the operations of a CAB tasked with an operation in the deep area. Routes extending 30-50km past the FLOT invite encounters with undetected enemy elements, potentially shifting the mission towards a movement (or reaction) to contact. Crews, leaders, and approval authorities must be clear on bypass, abort, and success criteria and expect to operate in a Denied, Degraded, and Disrupted Space Operational Environment. At such distance, when communications may not exist between command posts and aircrews, the most important tool remains the trust within our organizations and the audacity, initiative, and professionalism of our aviators.

*The views expressed in this article are those of the author and do not necessarily reflect the official policy or position of Department of the Army, DoD, or U.S. Government.*

*MAJ Jared Flurry is an all-source intelligence aviation officer serving as the 12th Combat Aviation Brigade Intelligence Officer; MAJ John Wlasniewski, the Brigade Operations Officer; CPT Phuong “Leone” Quach, the Brigade Fires Support Officer; and CW5 Matt Pohlman, the Brigade Aviation Mission Survivability Officer, contributed to this article. All are assigned to the 12th Combat Aviation Brigade at Katterbach Army Airfield, Germany.*



*CPT P.D. Quach, Fire Support Officer, 12th Combat Aviation Brigade, updates COL Patrick Schuck, Commander, 12 CAB, on operations during Combined Resolve XVI (CBR XVI) in Hohenfels, Germany, Dec. 03, 2021. (This photo has been altered for security purposes).*

# 80th Anniversary of Army Aviation: Class Before One, Part I

By Mark Albertson

*Editor's Note: This is the first article in a two part series.*

**1** 941 was the year that the Cub-type aircraft proved the findings of the Hero Board of 1919. This was one of several boards convened to research the performance of U.S. Army Artillery, from April 6, 1917 to November 11, 1918. The board in question was chaired by Brigadier General Andrew Hero, and among the findings were: 1) That aerial observation must be made more satisfactory; 2) That an observation squadron be permanently assigned as part of each combat division; 3) That the aerial observers used therewith be officers of artillery trained as observers and members of the unit for which they are adjusting; 4) That these officers be required to live with their units and leave them only for the purpose of making the required adjustments.<sup>1</sup> Indeed, William Wallace Ford, later the first Director of Air Training, wrote a defining treatise which appeared in *The Field Artillery Journal*, April 1941, "Wings for Santa Barbara."

With the Tennessee maneuvers, June 2-28, the Fort Bliss exercises in July, followed by the Louisiana war games, October 6-November 1 and the Carolina maneuvers, November 3-30, the Grasshopper squadrons seemed to bear out the promise; a promise to which their supporters had an unshakeable belief.

General Danford<sup>2</sup> met with Major Ford at Fort Sill for discussions on organic squadrons. Following endorsements by division and corps commanders, General Danford forwarded a recommendation to Major General Leslie J. McNair, Chief of Staff, GHQ. The petition was disapproved. More proof was required. This led to the training of a squadron, under the command of now, Lieutenant Colonel Ford. This flight of Field Artillery airmen would be known as the Class Before One. And their trials would be on February 25, 1942, with the 2nd Infantry Division and the 13th Field Artillery Brigade.

See the box for Special Orders No. 12, indicating Lieutenant Colonel William Wallace Ford's command, January 15, 1942.

Special Orders No. 12			
HEADQUARTERS Field Artillery School Fort Sill, Oklahoma			
SPECIAL ORDERS: NO 12:		January 15, 1942	
EXTRACT			
10. Under authority granted by paragraph 6, letter OCFA dated December 23, 1941, subject "Air Observation", the persons below are, each with his own consent, designated as pilots for the purpose of flying light observation aircraft operated by the Field Artillery. The military personnel, though participating regularly and frequently in aerial flights, are not entitled to flying pay.			
Pilot Instructors		Director of Air Tng Chief Flt Instr	
Lt Col WILLIAM W. FORD, 0-12667, F.A.		Fit Instr	
Mr. RICHARD H. ALLEY		Fit Instr	
Mr. LLOYD M. DAMRON		Fit Instr	
Mr. EDWARD DRAPALA		Fit Instr	
Mr. JOE L. MESSINA		Fit Instr	
Mr. THOMAS F. PIPER		Fit Instr	
Mr. ALANSON RAWDON		Fit Instr	
Mr. T. F. SHIRMACHER		Fit Instr	
Mr. H. S. WANN		Fit Instr	
Mr. STANFORD J. STELLE		Supt of Maint	
Student Pilots			
Major GORDON J. WOLF	0-225015	F.A.	
Captain ROBERT M. LEICH	0-258194	F.A.	
1st Lt F. H. COUNE, JR.	0-338555	F.A.	
1st Lt EDWIN FREDERIC HOUSER	0-330734	F.A.	
1st Lt PAGET W. THORNTON	0-326311	F.A.	
1st Lt ROBERT R. WILLIAMS	0-22962	F.A.	
2nd Lt LLOYD M. BORNSTEIN	0-423354	F.A.	
2nd Lt DELBERT L. BRISTOL	0-386551	F.A.	
2nd Lt MARION J. FORTNER	0-415317	F.A.	
2nd Lt STEVE E. HATCH	0-416401	F.A.	
2nd Lt BERT LAMERLE JACO	0-300098	F.A.	
2nd Lt CHARLES W. LEFEVER	0-409406	F.A.	
2nd Lt ROBERT RUSH	0-318541	F.A.	
2nd Lt BRYCE WILSON	0-364893	F.A.	
Sergeant ALWIN R. HACKBARTH, 20653487, Btry C, 121st F.A., Camp Livingston, La.			
Sergeant JAMES W. HILL, JR., 34026570, Hq 1st Bn, 179th F.A., Camp Blanding, Fla.			
Sergeant JOSEPH E. McDONALD, 20817060, Serv Btry, 2nd Bn, 133rd F.A., Camp Bowie, Texas.			
Sergeant JOHN S. SARKO, 20651424, Hq Btry, 120th F.A., Camp Livingston, La.			
Sergeant JACK K. SVITZER, 20316559, Hq Btry, 1st Bn, 109th F.A., Indiantown Gap Military Reservation, Pa.			
Corporal ROBERT M. FORD, 38050577, Hq Btry, 2nd Bn, 133rd F.A., Camp Bowie, Texas.			
Corporal THOMAS M. SKELLY, 20314874, Hq Btry, 1st Bn, 108th F.A., Indiantown Gap Military Reservation, Pa.			
Corporal ROBERT E. SPAULDING, 20326468, Hq Btry, 1st Bn, 190th F.A., Camp Shelby, Miss.			
Corporal ROBERT W. DONOVAN, 37021811, F.A.S. Det (White), Fort Sill, Okla.			
Pvt 1cl CHARLES D. HOFFMAN, 37022621, Btry E, 125th F.A., Camp Claiborne, La.			
Pvt 1cl WAYNE D. VAN HUSS, 36023418, Hq Btry, 54th F.A. Bn, 12th Tng Regt., F.A.R.T.C., Camp Roberts, Calif.			
Private JOHN J. ADKINS, 37119374, Btry E, 32nd Bn, 8th Tng Regt., F.A.R.T.C., Fort Sill, Okla.			
Private FRANKLIN LEE CLARK, 33121241, Btry B, 12th Bn, 4th Tng Regt., F.A.R.T.C., Fort Bragg, N. C.			
Private ROLAND J. COUTURE, 31012966, Btry D, 172nd F.A., Camp Blanding, Fla.			
Private RAYMOND A. GEARHARD, 33115470, Btry C, 8th Bn, 3rd Tng Regt., F.A.R.T.C., Fort Bragg, N. C.			
Private WINSTON W. JOHNSON, 34072013, Hq Co., 973rd Tank Destroyer Bn, Camp Shelby, Miss.			
Private ROBERT S. LEE, 32095675, Btry B, 7th Obsn Bn, Fort Bragg, N. C.			
Private CLYDE CLOE LOVE, JR., 35171340, Btry D, 8th Bn, 3d Tng Regt., F.A.R.T.C., Fort Bragg, N. C.			
Private WILLIAM RANDOLPH MATHEWS, JR., 6284169, Hq Btry, 2nd Inf Div Art., Fort Sam Houston, Texas.			
Private RICHARD O. PALMER, 14051413, Btry B, 12th Bn, 4th Tng Regt., F.A.R.T.C., Fort Bragg, N. C.			
Private GERALD P. UECKER, 37119360, Btry E, 27th Bn, 7th Tng Regt., F.A.R.T.C., Fort Sill, Okla.			
X X X			
By command of Brigadier General ALLIN:			
OFFICIAL:		H. McK. ROPER, Lt Col, F.A., EXECUTIVE.	
D. L. DUNLAP 1st Lt, 18th F.A., ASSISTANT SECRETARY.			



## ENDNOTES:

1 – See page 596, “Extracts From the Report of the Chief of the Field Artillery for the Fiscal Year 1919,” The Field Artillery Journal, Nov.-Dec. 1919.

2 – The patron saint of the Field Artillery was a daughter of Dioscorus, an official of the Roman Empire. The legend is her father kept her closeted up in a tower, owing to her beauty. She eventually came to practice Christianity, which drove her pagan father to distraction. She eventually became baptized and vilified the deities of stone worshiped by her parents. When Barbara refused to renounce Christianity, Dioscorus first tortured, then beheaded his daughter. Following this deed most foul, he was trapped in a violent storm, struck down by lightning, then devoured by the fiery bolt. Remaining was his sword, a charred memento of God’s reprisal. “Barbara, then, eventually became a saint, the patroness of those facing thunderstorms, fire, explosions, which is to say, sudden death. Given the questionable reliability of early cannon misfires, muzzle bursts and exploding weapons were not uncommon – it is easy to see why our predecessors sought the protection of Saint Barbara. She has protected us well ever since.” “The Legend of Saint Barbara,” United States Field Artillery Association.

3 – Major General Robert M. Danford, Chief of the Field Artillery.

4 – See page 21, “The Army Aviation Story,” Part I, 20th Anniversary of Army Aviation, United States Army Aviation Digest, by Richard K. Tierney, June 1962.

*Mark Albertson is an award-winning Historian and a contributing editor to ARMY AVIATION magazine.*



*LTG (Ret.) Robert R. Williams, alumni of the Class Before One. A 1940 graduate of West Point, who over the ensuing decades would prove indispensable for taking the Air Observation Post to what is today – Army Aviation. He was the first ground officer to receive an instrument rating; first active duty Master Army Aviator; first President of the Army Aviation Test Board; Director of Army Aviation, 1966-67, after which he served two years in Vietnam, including as Commanding General, 1st Aviation Brigade; and he helped organize the Army Aviation Association of America in 1957. He served as AAAA President from 1976-1979.*



*COL (Ret.) Robert M. Leigh was a graduate of ROTC at Yale University, 1928, receiving a commission in the Field Artillery. Activated for duty in 1941, CPT Leigh was attached to the Class Before One. He became the new Air Observation Post’s first engineering maintenance officer. Later transferred from Fort Sill, OK to Washington, DC, MAJ Leigh became the first Army Aviator to serve at the Pentagon. He was an ardent booster of Army Aviation. He retired in 1960, U.S. Army Reserves, after more than 31 years of service and later served as a civilian advisor to several Secretaries of the Army. He was the first President of AAAA.*

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# AAAA Scholarship Foundation

## Your Scholarship Foundation – Changing to Better Serve You

By BG Michael C. Flowers, U.S. Army Ret.

Greetings from your AAAASF. The change many of you requested for the scholarship award date is in full motion. Applications closed on December 15, 2021 and 894 students started an application.

We expect to award at least the \$550,500 scholarship funding (320 scholarships) that was disbursed last year, if not more. Awards are planned to be made in early May. This will allow the scholarship recipients to be recognized by family, friends, classmates, and educators.

Voting is slated to begin in March. In order to continue on glidepath, we need assistance from AAAA Chapters, members and family. Increasing the number of voters will allow for a faster turn and better reliability. Contact Joanne Hansrote at [scholarship@quad-a.org](mailto:scholarship@quad-a.org) if you are interested in helping the voting process.

I've been asked by some, "why didn't my daughter / son / grandson / granddaughter get selected for a scholarship. They have great grades." As a voter, I can't answer their question about a spe-



Attendees chat with SFI board members at the SFI exhibit during the 2021 Joseph P. Cribbins Training, Equipping and Sustainment Symposium, November 2021, in Huntsville, AL.

cific individual since all identifying data is removed before the file is sent to the voters (including sex, age, race, etc.). I let them know that it's a blind process and there is no chance of collusion with other voters. I can also inform them that sometimes applicants have great academic records, but don't meet the requirements as stated for the application.

One way you can increase the chances of your applicant receiving a scholarship is for your chapter to participate in the matching Scholarship program. The Scholarship Foundation Chapter Matching program matches \$3-5k annually depending on the size

of the chapter. Super Chapters are matched up to \$3k, Master Chapters are matched up to \$4k and Senior and AAAA Chapters are matched up to \$5k. These scholarships are awarded to your chapter from the order of merit list after general awards are made.

Thanks for the participation of everyone, especially our donors! You have helped us continue to grow and increase the number of scholarships!

*BG (Ret.) Michael C. Flowers is the president of the Army Aviation Association of America Scholarship Foundation, Inc. Board of Governors.*



**WE NEED YOU  
TO MAKE 2022 THE  
BEST YEAR YET.**

**Donate now to AAAA Scholarship!**





# 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 February 2021 through January 2022. 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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AAAA Colonial Virginia Chapter  
AAAA Connecticut Chapter  
AAAA Cowboy Chapter  
AAAA Cribbins Speakers Gift  
AAAA Delaware Chapter  
AAAA Delaware Valley Chapter  
AAAA Flint Hills Chapter  
AAAA Gold Standard Chapter  
AAAA Idaho Snake River Chapter  
AAAA Iron Mike Chapter  
AAAA Johnny O Cluster Chapter  
AAAA Keystone Chapter  
AAAA Lindbergh Chapter  
AAAA MacArthur Chapter  
AAAA Minuteman Chapter  
AAAA Mount Rainier Chapter  
AAAA North Star Chapter  
AAAA North Texas Chapter  
AAAA Old Tucson Chapter  
AAAA Oregon Trail Chapter  
AAAA Rio Grande Chapter  
AAAA Southern California Chapter  
AAAA Tarheel Chapter  
AAAA Tennessee Valley Chapter  
AAAA Thunder Mountain Chapter  
AAAA Thunderbird Chapter  
AAAA Voodoo Chapter  
AAAA Washington-Potomac Chapter  
AAAA Wright Brothers Chapter  
AAAA Zia Chapter  
Sidney Achee-IHO "The Originals" Cub Club  
Molly Alger & Jay Dimberger  
Amazon Smile  
Cody Anfinson  
Laura & Jonathan Arena-IHO A. Bobra Harris  
Dale Armstrong-IHO 190th Assault Co.  
Army Otter Caribou Association, Inc.  
Mike & Daphne Arthur  
David J. Ashcraft-IHO MAJ T. Ashcraft  
Joe Ausfahl  
Kenneth D. Auten  
Axient/QuantiTech, Inc.  
Mark Baranowsky  
Baretta's Optics Division-IHO Susan Yellen  
Elisabetha Baugh-IHO COL Harry Townsend  
Elisabetha Baugh-IHO COL Sidney Achee  
Margaret & Donald Beatty  
Brett Beavers-IHO CW5 Lee Tutin, Ret.  
Becker's Air Powered Sweeping, Inc.  
Bell Textron Inc.  
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Benevity  
Joseph & Helen Bergantz  
Joanne & Chris Blake  
Doug Bly-IHO CW5 Lee Tutin, Ret.  
The Boeing Company  
Paul & Celeste Bogosian

Mr. & Mrs. Patrick T. Bolden-IHO CW5 L. Tutin, Ret.  
John S. Bolton-IHO CSM Isaac B. Sheffield  
Louis A. Bonham-IHO COL Harry Townsend  
Thomas K. Brede-IHO Families of the Fallen  
Mary & John Burke  
Austin B. McFadden-IHO Sarah Burns  
Darren W. Buss  
Harold W. Byars  
Sandra D. Callanan-IHO A. Bobra Harris  
Cynthia S. Campbell-IHO CW4 R. Campbell  
Dee Campobasso  
Lois & Joseph Cancellare-190th Assault Helicopter  
Lois & Joseph Cancellare-IHO 190th Assault  
Thomas & Kate Carroll-IHO A. Bobra Harris  
Combined Federal Campaign  
Becki Chambers-IHO A. Bobra Harris  
Cirone Friedberg LLP-IHO A. Bobra Harris  
Richard Clemens-IHO Susan Yellen  
Kevin S. Cochie  
Randall & Sharon Cochran  
Brett D. Cricui  
John M. Curran  
Christy Dailey-IHO Susan Yellen  
Gail Davis-IHO Don & Ruth Luce  
Walter L. Davis-IHO A. Bobra Harris  
Walter L. Davis-IHO CW5 Lee Tutin, Ret.  
Digiflight, Inc.  
Jan S. Drabczuk-IHO Anthonette Bobra Harris  
Patrick M. Dzialek  
Doug E. Ehrle  
ELEIT Technology Inc.  
Jamie W. Felgenhauer  
Fidelity Charitable  
Denise Fitzgerald-IHO Walter Jerome Kohls  
Michael C. Flowers-IHO COL Harry Townsend  
Ryan H. Forshee  
Jeffrey & Vanessa Fowler  
Michael E. Freeman-IHO Harry Townsend  
Suzan & James Freeman-IHO Frank Intini  
Brian Gagliano  
Paul & Jenny Gale  
Lonnie Germaine-IHO A. Bobra Harris  
Leslie H. Gilbert-IHO "The Originals" Cub Club  
Jane & Thomas Graft  
Jon Graft-IHO Joel R. Graft  
Mark W. Grapin-IHO COL Harry Townsend  
AAAA Griffin Chapter  
Shirley Griffith-IHO 1LT Kathryn M. Bailey  
Alexander S. Guida-IHO Maxwell H. Guida  
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H2L Solutions, Inc.  
David R. Haag-IHO CSM Isaac B. Sheffield  
Dan E. Hackney  
Brian Haley  
Robert G. Hansen  
Joanne Hansrote-IHO A. Bobra Harris  
Alex Harris  
William R. Harris, Jr.  
Thomas M. Harrison-IHO Dr. Harry Robertson  
Thomas M. Harrison-IHO A. Bobra Harris  
Thomas Harrison-IHO Susan Yellen

Kellie Hauenstein-IHO Maxwell Harris Guida  
Lynne Heath  
Ralph C. Hedden  
James & Joyce Hesson  
James & Joyce Hesson-IHO Harry Townsend  
High Desert Chapter  
William F. Hipple-IHO Families of the Fallen  
David Hoffman  
James E. Hyers  
Darrin P. Jackson  
JACS Aircraft Certification Specialists  
Jack A. James-IHO T/Sgt. Karl P. Danckwerth Sr.  
Mary & Arlo D. Janssen  
Marsha A. Jeffers-IHO Paul Bogosian  
Aric & Layne Jensen  
Bart L. Johnke  
Johnson & Johnson  
Carl H. Johnson  
Larry & Linda Jonas-IHO COL Billy Richburg  
Randolph W. Jones  
Anne Marie Kelly-IHO Donaldson Family  
Richard D. Kenyon  
Lauren Kerns-IHO Mark Peterson  
Carl J. Kreisel  
James F. Krueger  
Steven J. Labows  
Daniel A. Lambarena  
Jacqueline & Jeffrey Langhout-IHO MG T. Crosby  
James Leary  
William Leary-IHO LTC Michael McMahon  
Leidos, Inc.  
Abby Letts-IHO Anthonette Bobra Harris  
Lockheed Martin  
William David Loftin  
Brent Logan  
Jerry J. Luccarella  
Timothy A. Lunger  
M1 Support Services  
Latrisha A. Maddox  
Elisabeth & Hans Mansson-IHO A. Bobra Harris  
Tommy L. Marks  
Charles & Joyce Marotta-IHO M. Kurowsky  
Karen M. Martell-IHO SSG Darryl D. Booker  
Crystal Martinez  
Randy McCormick  
Dale T. McDonough  
Jeremiah F. McNamara  
MD Helicopters  
LTC Jerry P. Mellick, Ret.  
MSB Analytics, Inc.  
Stephen Mundt-IHO Susan Yellen  
Donald T. Munsch, Munsch & Co.  
Aeromechanics  
Munsch & Co. Aeromechanics  
Andy Musfeldt  
Navigator Development Group, Inc.  
Gary & Bonnie Nenninger-IHO Paul Bogosian  
Network for Good  
Cathy C. Newsom-IHO Alfred J. Cargen  
John E. Niamtu-IHO WO Steve Morgan  
Northrup Grumman Systems Corp  
James Olofsson  
Jane Osborne-IHO Anthonette Bobra Harris

Ostovich Enterprises Inc.  
Rudolph Ostovich  
Army Otter Caribou Association  
The OV-1 Mohawk Association  
Ellen Pappano-IHO Maxwell Harris Guida  
Margaret Pappano-IHO Maxwell Harris Guida  
William F. Parker-IHO Susan Yellen  
Piasecki Foundation  
Linda & Danney Pickard  
James H. Pillsbury  
Pinnacle Solutions  
Sabrina L. Powell-IHO Jack Dotterer  
Kenneth J. Quinlan-IHO CW5 Lee Tutin, Ret.  
R2C Inc.  
Marc L. Rassler  
Edison Rebutck  
Steward E. Remaly  
Kenneth D. Reynolds-IHO CW5 Lee Tutin, Ret.  
Michael Reynolds  
Jaros Rickmeyer  
Marilyn Rickmeyer  
Roberson Giving Fund  
Robertson Fuel Systems  
S. Harry Robertson  
Robert E. Ross  
Jon Elton Ruble-IHO CW5 Douglas A. DeBoer  
Jon Elton Ruble-IHO MAJ Trevor Joseph  
Jay Rush  
Henry C. Ruth, III Ret.  
S3 Inc-System Studies & Simulation, Inc.  
Jeff J. Schloesser-IHO A. Bobra Harris  
Bart L. Schmidt  
Michael Schrumpp-IHO MG Molinelli & COL O'Grady  
Nancy Shaffer-End-IHO 1LT Kathryn Bailey  
Shashy Family Charitable Fund  
Mary & William Shelt-IHO Families of the Fallen  
Susan & E. J. Sinclair-IHO A. Bobra Harris  
Susan & E. J. Sinclair-IHO Susan Yellen  
Peter H. Smart  
Brian T. Smith  
Mark & Judy Smith  
Evelyn A. Soucek-IHO Standley Fishfader  
Monica T. Southerland  
John G. Speckman  
Scott Springer-IHO Anthonette Bobra Harris  
The OV-1 Mowhawk Association  
Wendy C. Turgeon-IHO A. Bobra Harris  
VA Peninsula Chapter of 100 Black Men Inc.  
William H. Van Alostyne-IHO A. Bobra Harris  
Vietnam Helicopter Pilots Association  
Henry H. Waller III  
William D. Wolfinger  
Wreaths Across America  
Michelle F. Yarborough  
Michelle Yarborough-IHO A. Bobra Harris  
Michelle Yarborough-IHO Becky Pillsbury  
Michelle Yarborough-IHO COL Harry Townsend  
Howard Yellen-IHO Susan Yellen  
Yulista Holding, LLC  
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IHO — In Honor Of

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 Chapter Affairs

By LTC (Ret.) Jan Drabczuk

*I appreciate the support from LTC Gabriel Spicer, the Bluegrass Chapter President for authoring and sharing this information to our membership.*

## The Bluegrass Chapter



ALL PHOTOS CHAPTER COURTESY PHOTO



**CW5 (Ret.) Joseph Mattingly** was recognized for more than 28 years of service to the U.S. Army and the last 10 years to the Kentucky Army National Guard serving as the Det. 4, 245th Standardization Instructor and maintenance examiner with numerous combat deployments.



**SSG (Ret.) William Powers** served more than 20 years in Kentucky Army National Guard with distinction. Serving multiple combat tours ISO OIF and OEF as a 15T UH-60 crew chief and technical inspector. SSG Powers was the tip of the spear and safely and effectively accumulated more than 400 flying combat hours throughout his flying career and received the Master Aviation Badge.

### Support

We are glad to see the Bluegrass Chapter re-energized. Looking forward to supporting them with more activities and programs in 2022.

Feel free to contact me if you need help for your Chapter. I look forward to working with you and supporting AAAA.

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

The Bluegrass Chapter of AAAA held their first military ball on January 22, in Kentucky in more than eight years serving Kentucky Army National Guard Aviation Soldiers and their families.

Commanded by COL Michael Armstrong, the 63rd Theater Aviation Brigade helped to host the event and recent AAAA Hall of Fame Inductee, CW5 (Ret.) Doug Englen served as the ball's keynote speaker. "This is the first gathering in more than 20 years where the nation hasn't been involved in multiple war conflicts across the globe and we have the majority of our units with us this evening," said LTC Gabriel Spicer, Bluegrass Chapter President and 751st Troop Battalion Commander. "We do miss our C. Co., 1-376th Aviation battalion currently flying UH-72 Lakotas on the Southwest Border and are grateful for their service. They are an example to all of us on why we put on this uniform and continue to serve this great nation vowing to make a difference both at home and abroad. On this night, we also remember those who have gone before us and some who have paid the ultimate sacrifice."

### On a Growth Path

The Bluegrass Chapter has seen a resurgence over the last several years with more than 10 new members added to the ranks at the military ball alone. Additionally, the Chapter prides itself on the yearly scholarship program and raffles off several items throughout

the year to assist in raising funds as well as being blessed by key donors to really benefit the scholarship program which better equips our leaders of tomorrow.

### OSM Awards

Three individuals were recognized during the ball for their outstanding contributions to Army Aviation and were inducted into the Bronze Honorable Order of St. Michael.



**CW5 (Ret.) John Boyle** began his career in Aviation in 1990, while accumulating over 10,500 flight hours serving in almost every capacity available in both rotary and fixed wing platforms. The preponderance of CW5 Boyles career was spent in Standardization where was responsible for both training and evaluation of hundreds of Kentucky Army National Guard crewmembers, other states crewmembers, other branches, and agencies. Including support to Flight Test Directorate at Redstone Arsenal and serving as an advisor on flight incident/accident investigation boards.





## Order of St. Michael Inductees Aviation Center Chapter



U.S. ARMY PHOTO BY KELLY MORRIS

**CW4 (Ret.) Gary Pruyne** is inducted into the Gold Honorable Order of St. Michael by AAAA National President, MG (Ret.) Tim Crosby, and Army Aviation Branch Chief MG David J. Francis during a ceremony at the U.S. Army Aviation Museum Jan. 28, 2022. Pruyne was recognized for his significant contributions over a lifetime of service to the Army Aviation community, its Soldiers and families. From over 900 hours of combat time as a crew chief in Vietnam to his long years of service as an instructor pilot and subject matter expert for the UH-1 and AH-1 aircraft, to serving as an SP and IE in the OH-58 and TH-67, to closing out his career training aviators in the UH-72, he is the epitome of an Army Aviation professional.

## Mount Rainier Chapter



CHAPTER PHOTO BY SGT CORY CLARK

**CW5 Jesse W. Lee** is inducted into the Silver Honorable Order of St. Michael, by COL Christopher Vine, Director of Aviation, First Corps G-3 Aviation during a Jan. 31, 2022 ceremony at Joint Base Lewis-McChord, WA. Lee was recognized for more than 20 years of Army Aviation dedicated service culminating as the Senior Aviation Plans Officer, First Corps G-3 Aviation.



CHAPTER COURTESY PHOTO

**CW4 Raphael Lopez**, the senior Air Traffic and Airspace management technician for America's First Corps G-3 Aviation, is inducted into the Bronze Honorable Order of St. Michael by COL Christopher Vine, Director of Aviation, First

Corps G-3 Aviation during a Jan. 31, 2022 ceremony at Joint Base Lewis-McChord, WA. Lopez was recognized for more than 26 years of service as an Air Traffic Control Operator and Air Traffic and Airspace Management Technician.

## Northern Lights Chapter



CHAPTER PHOTO BY MS. TONIA COLLIER

**COL Adam W. Lange** is inducted into the Silver Honorable Order of St. Michael by chapter senior VP, CW4 (Ret.) Eric Collier (right), and Mr. Robert "Ski" Marcinkowski, chapter treasurer, on Jan. 27, 2022 at Fort Wainwright, AK. Lange was recognized for 30 years of service to the Army most of which were as an Aviation officer; numerous operational deployments to include Operation Iraqi Freedom and Operation Inherent Resolve; and culminating as the deputy commander for support of U.S. Army Alaska.

## Savannah Chapter



CHAPTER PHOTO BY COL CHRISTOPHER LARWIN

**CW5 Brandon W Helms** poses with his wife, two daughters and son following his induction into the Silver Honorable Order of St. Michael on Jan. 21, 2022 at Hunter Army Airfield, Savannah, GA by COL Eric Vanek, 3rd Combat Aviation Brigade Commander. Helms was recognized for 25 years of dedicated support to Army Aviation to include a maintenance evaluator with the US-AACE Directorate of Evaluation and Standardization, aircraft maintenance manager and government flight representative at DCMA Boeing, and culminating as the CAB Maintenance Officer.

## Tarheel Chapter



CHAPTER COURTESY PHOTO

**SFC Edgar "Todd" Bowers** is inducted into the Bronze Honorable Order of St. Michael by

chapter president, LTC Mark Pickett on Dec. 4, 2021 during the North Carolina National Guard Annual Aviation Safety Conference at Joint Force Headquarters in Raleigh. Bowers was recognized for over 20 years of dedicated service to include personally conducting multiple lifesaving rescues with the NC Helicopter Aquatic Rescue (HART) program and instrumental in the development of the SOP and hoist techniques used in the program.




CHAPTER COURTESY PHOTO

**1SG Leo E. Gosney**, 1SG of HHC/1-130th Attack Battalion, NCARNG, is inducted into the Bronze Honorable Order of St. Michael by chapter president, LTC Mark Pickett on Jan. 8, 2022 during a ceremony at VFW Post 7383 in Cary, NC. Cary was recognized for his over 20 years of dedicated AGR service in support of Army Aviation to include multiple deployments in support of Operations Spartan Shield and Inherent Resolve on the occasion of his change of duty to battalion operations senior noncommissioned officer.



CHAPTER COURTESY PHOTO

**COL Michele P. Harper**, 449th Combat Aviation Brigade Commander, is inducted into the Bronze Honorable Order of St. Michael by chapter president, LTC Mark Pickett on Dec. 4, 2021 during the North Carolina National Guard Annual Aviation Safety Conference at Joint Force Headquarters in Raleigh. Harper, a Master Army Aviator with over 2,000 flight hours and a combat veteran of OIC, was recognized for her accomplishments supporting Army Aviation to include, being the first female to serve as an aviation brigade commander and state army aviation officer in the NCNG.



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# AAAA

NETWORK | RECOGNITION | VOICE | SUPPORT

## AAAA Membership Update By CW4 Becki Chambers

# The Membership Corner

**R**ecognition. It's the second word of our four pillars – Network, Recognition, Voice, Support – and is an important function of our organization.

We have many amazing Soldiers, Civilians, and Family Members serving the Army Aviation community. They deserve recognition, and it's such an easy thing to do! Just go to *www.quad-a.org*, click on the Awards tab, fill out the appropriate form and hit send. Your words don't need to be perfect – get it close and we will help you say what you mean.

Here is a very brief synopsis of the criteria for induction into the Honorable Order of Saint Michael, the Knight of the Order of Saint Michael, and the Honorable Order of Our Lady of Loreto.

### Order of Saint Michael:



ALL GRAPHICS ARE GRAPHICS

### BRONZE

- **Army Aviation Officers:** Will have achieved Aviation Branch Qualification.
- **Army Aviation Warrant Officers:** Aviators will have achieved Chief Warrant Officer status (CW2 or above) and are tracked in an Aviation specialty. Technical Aviation Warrant Officers will have achieved Chief Warrant Officer status (CW2 or above).
- **Enlisted Soldiers:** Army Aviation enlisted Soldiers serve in a wide variety of positions, with differing titles and occa-

sionally a non-standard grade structure.

- **DA Civilian or Industry:** The nominee must have made significant contribution(s) to the Army Aviation community or mission.

### SILVER

Although the previous receipt of a bronze is not a requirement, all the criteria for the bronze medal must be met. The nominee must have a career of Army Aviation service represented by significant and long-lasting contributions to the Army Aviation community and the AAAA. (not restricted only to retirement-eligible personnel)

- **Army Aviation Active, National Guard and Army Reserve personnel:** Notable service in positions at or above the Aviation Brigade level or in senior staff positions, or through an extraordinary body of service collectively benefitting Army Aviation and AAAA. This criterion is applicable to field grade officers, senior warrant officers, CSM/SGM or E-8's serving in a documented E-9 position.

- **Retirees:** Criteria are like Army Aviation Active, National Guard and Army Reserve personnel, but their body of service will be inclusive of work in a civilian capacity which has had a lasting effect on Army Aviation, and/or through an extraordinary record of voluntary service in support of Army Aviation Soldiers and their families.

- **Army Aviation DA Civilians or Members of Industry:** Senior DA Civilian personnel and Senior Industry Executive Leadership will be considered in the context of significant career contributions to Army Aviation, its Soldiers, and families, and the AAAA.

### GOLD

Although the previous receipt of a silver OSM is not a requirement, all

the criteria required to be awarded the silver medal must be met. The nominee must have made significant contributions over a lifetime of service to the Army Aviation community and the AAAA. Continued service to Army Aviation and the AAAA through various venues.



### Knight of the Order of Saint Michael:

- Officers, Warrant Officers, and Non-commissioned officers of U.S. Army branches other than Aviation.
- Foreign officers and Noncommissioned officers who work directly with U.S. Army organizations in support of Army Aviation missions.
- Officers and Noncommissioned officers of other U.S. Armed Services (Air Force, Navy, Marine Corps, Coast Guard) who work directly with U.S. Army organizations in support of Army Aviation missions.
- Civil servants, industry partners, and others who demonstrate continuing support of the missions, organizations, and personnel of Army Aviation and/or its professional association (AAAA).



### Our Lady of Loreto:

A nominee for induction into the Honorable Order of Our Lady of Loreto must have demonstrated conspicuous contributions to support the Army Aviation family and community. It should recognize those individuals who have generously given of their time and energy in support of not only their own family, but those Aviation families within their local Army Aviation community.

Please refer to the website for the complete information on these awards and more.

*CW4 Becki Chambers  
AAAA Vice President for Membership*





## New AAAA Life Members

**Air Assault Chapter**  
CSM Michael R. Marler, RET  
**Aviation Center Chapter**  
COL Sonny Moore, Ret.  
LTC Jason R. Yellman  
**Central Florida Chapter**  
COL Curt M. Read, Ret.  
**Gold Standard Chapter**  
1SG Jonathan Means  
**Iowa Chapter**  
1SG Ricardo Garcia  
**Iron Mike Chapter**  
CW5 David Beishline  
**Mid-Atlantic Chapter**  
CW5 Daniel Chapman  
MAJ Joseph M. Lilly  
LTC Raymond L. Stelker  
**Morning Calm Chapter**  
SSG Jeffrey Schutter  
**Mount Rainier Chapter**  
Dr. John Newell  
**North Star Chapter**  
Mr. Chris Schwartzbauer  
**Prairie Soldier Chapter**  
CPT Jeb Myers  
**Tennessee Valley Chapter**  
Mr. James W. Coquat  
**Washington-Potomac Chapter**  
SSG Carlos Llavarias  
**Wright Brothers Chapter**  
MAJ John D. Howard  
**Zia Chapter**  
CW4 Jarrett R. Miller

## New AAAA Members

**Air Assault Chapter**  
CW5 Jason Hyer  
WO1 Gregory J. Moreira  
SSG Sy Zachary Ogden  
Mr. James Swallows  
SPC Andrew G. Wells  
**Aloha Chapter**  
CW4 Phillip Wilson  
**Arizona Chapter**  
CPL Alejandro Chavez-Silva  
Mr. Patrick Powers  
Mr. Sean Wiley  
Miss Sam Witter  
**Aviation Center Chapter**  
WO1 Seth B. Black  
2LT Benjamin R. Brooke  
WO1 Dylan T.J. Clark  
WO1 William S. Dobson  
Mrs. Tammy Doerer  
LTC Gerardo Dominguez  
Mr. Timothy Edgette  
Mr. John Ferguson  
WO1 Caleb M. Foreman  
MAJ Devon Greer, MD  
SCPO Leslie Himelick  
WO1 Spencer L. Human  
2LT Bradon Inste  
SFC Chelsea Itinger  
WO1 Zachary Kasperek  
2LT Jeffrey C. Kordenbrock  
WO1 Kevin Krout  
CW3 Andrew Morrison  
2LT Javier Nino  
CW5 John Nymen  
LTC Bryan Pike  
COL Eric Puls  
CW3 Eric Roen  
2LT Seth J. Skaggs  
LTC Andy Thaggard  
SFC James Thurman, Ret.  
PFC Theodore J. Whitenedog  
**Badger Chapter**  
Mr. Graham Andrews

Ms. Sally Antilles  
PFC Robert James Brod  
Mr. Jason Evans  
Mr. Joseph Kane  
**Battle Born Chapter**  
Mr. Dirk Johnson  
**Big Sky Chapter**  
Mr. Spencer Van Meter  
**Central Florida Chapter**  
PFC Christian Alexander Behm  
Mr. Armando Boucourt  
Mr. Robert Breter  
Mr. John Brooks  
Mr. Guillermo Cascante  
Mr. Michael A. Clark  
Mrs. Meaghan Cook  
Mrs. Lexi Espinal  
Mr. David Etlinger  
SGT Bennett Frankel  
SGT Danny Hackney, Ret.  
Mr. Bob Hartley  
SGM Richard Holman, Ret.  
Mr. Scott Hooper  
Mr. William Hornsby  
Mr. Jeff Innes  
Mr. Flash Kinloch  
Mr. James S. Messina  
Mr. Abdul Munir  
Mr. Tom Scheck  
Mr. Jody Slaton  
Ms. Allison Smith  
Mr. Mark Stephen  
Ms. Eileen Sweeney  
CW5 Joseph M. Tygard, Ret.  
CW5 Thomas Varney  
SGT Tiffany Watson  
**Colonial Virginia Chapter**  
SSG Angel Agosto  
PFC Nazir D. Betheamarrero  
CW5 Javier Gutierrez  
Mr. Travis Johnston  
Ms. Jade McKeon  
**Connecticut Chapter**  
Mr. Lou Auletta  
Mr. Mark Auletta  
Mr. Michael Auletta  
Mr. Jeff Broomhead  
Mr. David Cowen  
Mr. Joel Kuczenski  
Mr. Joe Lucan  
Mr. Javier Melecio  
Mr. Nelson Rouette  
CW3 Rachel Simeth  
Mr. Michael Vincent  
**Corpus Christi Chapter**  
Mr. Henry Justiniano  
**Delaware Valley Chapter**  
Mr. Grant Lawton  
Ms. Gina McCarver  
LTC Ryan Smith  
**Desert Oasis Chapter**  
CW3 Bryce Adam Yarbrough  
**Flint Hills Chapter**  
Mr. Devin Guliford  
**Flying Gator Chapter**  
Mr. Austin Hinkle  
**Frontier Army Chapter**  
Mr. Rick Cole  
**Gold Standard Chapter**  
CW5 Travis Baty  
SFC Mark McGreal  
**Great Lakes Chapter**  
Mr. John Armendarez  
Ms. Jan Davis  
Mr. Tim Davis  
Mr. Dennis Finnegan  
Mr. Jorge Martinez  
Mr. Jon Meyer  
Mr. Loren Strelow  
**Greater Atlanta Chapter**  
Mr. Sean Campbell  
Ms. Kimberly Carter-Clark  
PFC Dale B. Drummond  
Ms. Ansley E. Goodfellow

Mr. Ray Hall  
Ms. Paige Jobe  
Mr. Yazz Krdzalic  
Mr. Jeremy Lee  
Mr. John Lloyd  
CW2 Thomas Parris  
Mr. Keifer Sims  
Mr. Jeff Snyder  
Mr. Glen Wakefield  
Mr. Philippe Weber  
**Green Mountain Boys Chapter**  
Mr. Christopher Caputo  
Ms. Alexandra Cloyes  
Mr. Kevin Duffy  
Mr. Jake Goldman  
Mr. Camron Guthrie  
Mr. Paul Risotti  
Ms. Jill Sanning  
Mr. Nicholas Warren  
Mr. Zachary White  
Mr. Scott Willits  
**Iowa Chapter**  
LTC Donald Hurt  
**Iron Mike Chapter**  
CW5 David Beishline  
SGT Blake Keller  
SFC Christopher King  
SFC Justin Runion  
**Jack H. Dibrell/Alamo Chapter**  
CW3 Bobby Miller  
**Jersey Chapter**  
Ms. Karen Arthur  
Mr. Derek Bailey  
Ms. Kim Black  
Mr. Matthew Czahor  
Mr. Jonathan Hall  
Mr. Mark Holterman  
Mr. Peter Lednev  
Ms. Rachael Lodanski  
Mr. Patrick McDonald  
Mr. Steve Pizzo  
Ms. Erica Pridy  
Mr. Lincoln Reynolds  
Mrs. Amy Russell  
Mr. Les Simon  
Mr. Joe Zaroff  
**Jimmy Doolittle Chapter**  
Mr. Christian Oehring  
Ms. Rachael Oehring  
**Keystone Chapter**  
Mr. Dimitro Romanyszyn  
**Lindbergh Chapter**  
PFC Clayton John Lents  
Mrs. Alexandra Marks  
**Lonestar Chapter**  
Dr. Perakath C. Benjamin  
PV2 Brainna Ellise Boyd  
Dr. Ronald Fernandes  
Mr. Jon Hamilton  
Mr. Kevin Leitch  
Dr. Ric J. Mayer  
Mr. Dan McDonald  
Mr. Jason A. Ogle  
Mr. Mike K. Painter  
Mrs. Brenda G. Stewart  
Mr. Byon Williams  
**MacArthur Chapter**  
Mr. Joshua McCaughey  
Mr. Timothy Nelson  
**Mid-Atlantic Chapter**  
Mr. Jeffrey Meek  
LTC Raymond L. Stelker  
**Minuteman Chapter**  
Ms. Megan McKinney  
**Morning Calm Chapter**  
SSG Jeffrey Schutter  
CSM Jerramy Wood  
**Mount Rainier Chapter**  
CPT Zachary Bell  
CSM Christopher Boyle  
Dr. John Newell  
Mr. Steve Santier  
**North Star Chapter**  
Mrs. Katherine A. Oberg

## AAAA Chapter News

### Aviation Center Chapter Recognizes NCOA Awards Program



CHAPTER COURTESY PHOTO

SSG Michael A. Llorico is awarded the U.S. Army Aviation Center of Excellence and Fort Rucker CSM David L. Spears Noncommissioned Officer Academy Leadership Award for Senior Leader Course 506-22 on February 3, at Ft. Rucker, AL. The Aviation Center chapter VP Enlisted Affairs, 1SG Joshua Gary, is the First Sergeant at the NCOA and started a Recognition program of awarding AAAA Certificates of Achievement to the winners of this award program to gain AAAA visibility at the Academy. The result has been an increase in SSG and SFC memberships for the chapter. The chapter also presents AAAA Certificates to the newly established NCOA SFC William T. Butts Advanced Leadership Course awardees.

#### North Texas Chapter

Mrs. Stephanie Edmisten

#### Oregon Trail Chapter

Mrs. Katrina Harms

Mr. Tim Klein

Mr. James Walker

Mrs. Tanya Wilson

#### Phantom Corps Chapter

1LT Kylie Hulgán

#### Pikes Peak Chapter

CDR Michael Calderone

Mr. Nathaniel Paykel

WO1 Colton C. Rutkowski

#### Prairie Soldier Chapter

CPT Jeb Myers

#### Rising Sun Chapter

SPC Darius Henry

#### Savannah Chapter

WO1 Christopher Lee Lawrence

#### Southern California Chapter

Mr. Michael Sandford

Mr. Paul Stevens

Ms. Praxedes Uy

Mr. Oleksiy Yevtekhov

#### Stonewall Jackson Chapter

1SG James Bullard, Ret.

CW4 Ray Charles Daniels

CPT Christopher Jackson

1SG Stephen O'Shields

#### Tarheel Chapter

SFC Nicholas Cunningham

Mr. Wes Pierce

#### Tennessee Valley Chapter

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Mr. Brian Blake

LTC Terry Boyd

Mr. Duncan Brady

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Mr. Matthew May

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Mr. Tim Scott

Mr. Craig Seabrook

CW4 Kenneth Sparks

Miss Addison Tyree

#### Thunder Mountain Chapter

CPT Tyra Takieddine

#### Utah Chapter

Mr. Brian Anderson

PV2 Kaden R. Isbell

Mr. Robert Talbert

#### Volunteer Chapter

Mr. Matteo Valles

#### Washington-Potomac Chapter

Mr. John C. Begley

Ms. Mary Belt

Miss Ellen Boone

Mr. Peter Costello

Mr. Matthew Cox

Mr. Quincy Dan

Mr. Dennis Dunaway

CW2 Margaret Everett

Mr. James Garlick

LTC Robert Jakubek, Ret.

Mr. Trae Johnson

Mr. G. Juris

Mr. Jeremy Kelly

Mr. Derek Lewis

SSG Carlos Llavarias

Mr. Jerry Lynch

Mr. David E. Manning

Mr. John McCorkle

Dr. Timothy Miller

Mr. Gregory Principato

Mr. Karl Purdy

Mr. Martin Rofheart

*New Members continued  
on page 124*



AAAA

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## AAAA Family Forum

By Judy Konitzer

*Over the years our Army Aviation First Ladies, Jodie Francis and Janice Crosby, have dedicated themselves to supporting our Aviation Soldiers and their Families in countless ways. I thank them for sharing their thoughts and I look forward to spending time with them and you this April in Nashville! - Judy*

# From the First Ladies of Army Aviation and AAAA

By Jodie Francis and Janice Crosby



Jodie Francis

Hello Aviation Families! It has certainly been too long since we have been able to get together face to face, and we are extremely excited to see all of you at the 2022 Aviation Mission Solutions Summit.

AAAA has gone above and beyond to make this a safe event for all of us, and we appreciate their effort! This year will be a special time as we reunite with old friends and meet new ones that have changed out over the course of the last two years. We know that "the Army goes rolling along" despite the challenges of the pandemic, and we look forward to welcoming all our new folks into the Aviation family!

I continue to be amazed at what our SFRGs continue to do to ensure our families are informed and taken care of. Our Army continues to deploy around the world, and our SFRGs have had to come up with innovative and creative ways to keep our families connected to each other. From Facebook Live and Zoom calls, to healthy outside events, our volunteers continue to overcome obstacles to take care of each other. All this while taking care of their own families that have had to stay home from school and other activities. Your resilience is truly inspiring!

This year's Summit will be exciting in so many ways! But most importantly getting the Aviation family back together again is by far the thing I am most excited about! We have been blessed with such incredible people in this community, and it's time for us to catch up and share the incredible stories that have kept our Aviation team going strong! Thanks to all of you for taking care of each other, and we look forward to catching up with all of you in Nashville!

Above the Best!

*Jodie Francis is the spouse of MG David J. Francis, Army Aviation Branch Chief and Commanding General of the U.S. Army Aviation Center of Excellence at Ft. Rucker, AL; and Janice Crosby is the spouse of AAAA National President, MG (Ret.) Tim Crosby.*

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



Janice Crosby

Aviation Spouses, I sincerely hope you are all well and that you will be able to attend this year's AAAA Summit in Nashville.

It is time for our Aviation family to come together once again. As you know, this once-a-year event celebrates the accomplishments of Army Aviators and their families,

and it also allows our Army and Industry teams a chance to come together and plan their efforts for the future. In addition, our great AAAA team has arranged events for the spouses during the event. Here is what we have set up for this year:

- Sunday from 12 to 4 is the Marathon Village and Greenbrier Distillery Tour, a trip back into the early 1900's when autos were made at the plant. It is now a creative community of unique shops and a Tennessee whiskey distillery. This is the home of the American Pickers show.
  - Monday from 8 to 8:30am there will be a Yoga event.
  - Monday from 11:30 to 12:00 we have the spouse professional program, The Evolution of Rosie the Riveter. Maria McConville, the Army's Senior Spouse, will guide you through starting a successful business while being a military spouse. She will share her successes and offer advice on steps to take to create a portable career. Rosie the Riveter has reinvented herself!
  - Monday from 1:30 to 2:30 is the spouse Gaylord Opryland Garden Tour, hosted by one of their fabulous horticulturists. Guests will have their own private session to learn about the plants and the hours of work it takes to care for these lush gardens.
  - Tuesday from 8:00 to 9:00am there will be water aerobics.
  - Tuesday from 11:30 to 12:30 we have a spouse professional program, Strategies for Living with Multiple Deployments. Multiple Deployments remain a constant in today's Army. Dr. Tim Hoyt, Psychological Health Promotion Branch Chief, will offer strategies for Living with Multiple Deployments.
  - For more information and registration go online at [www.quad-a.org/22Summit/RegistrationTickets](http://www.quad-a.org/22Summit/RegistrationTickets)
  - Remember, the annual summit is a great time to establish and renew relationships within our Aviation family. I hope you can enjoy the social events to catch up with friends and find time to experience the many wonderful Nashville attractions.
- Hope you have a great time in Nashville!





## UPCOMING EVENTS

### MAY 2022

10-12 VFS (AHS) Forum 78,  
Fort Worth, TX

26-29 VHPA 39th Annual  
Reunion, Tampa, FL

### JUNE 2022

1 Submission Deadline  
Hall of Fame  
Nominations

15 Award submission  
deadline - Donald F.  
Luce Depot  
Maintenance Artisan  
Award

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2022 Army Aviation Mission Solutions Summit

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## ARMY AVIATION ▶ Advertiser Spotlight

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*Each month, one 2022 ARMY AVIATION Magazine advertiser will be spotlighted. If chosen, your company may submit newsworthy information that will appeal to the Army Aviation community. To qualify, your company must have a signed 2022 insertion order for print advertising (1 Ad Minimum). Selected company will be randomly chosen by the 15th of the month prior.*



# 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)

## No FY22 Budget, No 2022 National Defense Strategy & No FY23 Budget Request

Each month we aspire to report on Congressional legislation that provides for our Army Aviation enterprise. Sadly, another month has passed, and we are facing nothing but “No’s” and a burning desire to get to at least one “Yes” on actions needed to move forward.

The first “No” deals with no FY22 budget for the government which means no budget yet for the DoD. February was the 5th month without a FY22 budget and an ongoing continuing resolution (CR). As noted last month, this creates havoc within DoD and for our industry partners. The FY22 budget request was adjusted hastily under the new Administration and only contained funding requests for the “on-Year” meaning FY22 (October 31st, 2021 to September 31st, 2022). This budget is hung up in political turmoil. The delay continues to create uncertainty on readiness, modernization, and future programs. Also, as we’ve explained in the past, that uncertainty generates dysfunction within the businesses of our industry partners who must plan budgeting and programs to meet the needs of DoD. In the wake of COVID 19, industry is already facing immense global supply chain disruptions, so not having a budget plan from DoD exacerbates an already challenging situation.

The second “No” affects the third. Every two to four years, the Administration develops a National Defense Strategy (NDS) that drives Pentagon budget planning which, in turn, drives industry planning. The last published NDS was in 2018 which directed policy and budgeting while we were in an entirely different global security situation. Without a cohesive and updated NDS, the Pentagon must plan based on signals formally and informally driven out of the White House. Global climate policy, for example was not an influence driven out of the 2018 NDS, but its widely known that climate policy is a huge priority for this administration and driving policy within DoD. A critical job of any Administration is to set priorities

for national defense while at the same time setting priorities for domestic issues. Lack of published strategies could certainly be a reason we are facing the third “No.”

That third “No” is a FY23 budget request to Congress. By process, each year the Administration submits to Congress, through the Office of Management and Budget (OMB), the President’s budget request for the government which includes the defense budget request. February 7th came and went without this budget request being delivered to Congress for their “markup” period which lasts from February through September each fiscal year. The budget request for FY22 came late and it always does after a change in Administration, but this is the second year in a row that Congress is waiting on a budget request while at the same time languishing on the passage of the current budget. You can see how this creates a whole new set of issues. We hope that the FY23 budget request will contain healthy numbers for Army Aviation. Our industry partners are also counting on the FY23 budget request to lay out probable funding for the 4 years that follow FY23. This information is crucial for our industry partners to make informed decisions on how they spend internal research and development dollars and where to apply resources toward the FY23 year which starts on October 1st of this year.

## Never Burn a Bridge inside the Beltway

While we may not like the uncertainty and most will agree that we hate it, there is some good news to report. In previous reports, we’ve explained the Iron Triangle. The Defense Iron Triangle is an ecosystem by which taxpayer dollars are spent on defense items. Three points of the triangle include the DoD, Congress, and industry. Never burn a bridge in this triangle because key decision makers and influencers often move into positions in a different area of the triangle. For years I’ve watched our Army Aviation leaders engage Congress in productive and non-partisan ways. Our leaders such as LTG (Ret.) Mangum, MG (Ret.) Crosby, LTG Marion and BG

McCurry, just to name a few, have engaged Congressional Members and Staffers in a way that builds trust. I witnessed first-hand HASC professional staff member, Doug Bush engage with past and current Army Aviation leaders on budget and policy. It was not always good news, but it was always honest and transparent. Fast forward 10 years and we now welcome Mr. Doug Bush as the newly confirmed Army Acquisition Executive. Our own LTG Marion who is currently serving as the Military Principal Deputy (MILDEP) to the Army Acquisition Executive used to sit on the opposite side of the table from Mr. Bush going over the good and bad of our modernization programs. They now sit in offices next to each other and work together to oversee all Army Acquisition programs. Thus, a key lesson is if you ever serve inside the Beltway, never burn a bridge. Even though Mr. Bush used to sit on a different corner of our Iron Triangle, he always worked very closely with Army Aviation and now moves into this new position very well versed regarding our integral and critical role in national security.

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and  
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Contact:  
**Bob Lachowski** or  
**Erika Burgess**  
[AAAAIndustry@quad-a.org](mailto:AAAAIndustry@quad-a.org)  
203-268-2450  
[ARMYAVIATIONmagazine.com](http://ARMYAVIATIONmagazine.com)





# 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](mailto:editor@quad-a.org).

## ALIAS Equipped Black Hawk Helicopter Completes 1st Uninhabited Flight



DARPA COURTESY PHOTO

The DARPA Aircrew Labor In-Cockpit Automation System (ALIAS) program completed a first ever flight of a UH-60A Black Hawk helicopter without anyone onboard. Sikorsky, a Lockheed Martin company, completed 30-minutes of uninhabited flight with the optionally piloted vehicle (OPV) over the U.S. Army installation at Fort Campbell, Kentucky on February 5th. An additional uninhabited flight was also conducted on February 7th. The Black Hawk was retrofitted with Sikorsky MATRIX™ autonomy technologies that form the core of ALIAS which a flexible, extensible automation architecture for existing manned aircraft that enables safe reduced crew operations and facilitates the addition of high levels of automation into existing aircraft. It also provides a platform for integrating additional automation or autonomy capabilities tailored for specific missions.

## LM Sikorsky-Boeing Selects Honeywell Engine to Power DEFiant X



LM SIKORSKY BOEING GRAPHIC

Sikorsky, a Lockheed Martin Company, and Boeing announced on Feb. 10, Honeywell has been selected to provide its HTS7500 turboshaft engine for DEFiant X®, their advanced helicopter in the U.S. Army's Future Long-Range Assault Aircraft (FLRAA) competition. The HTS7500 is the newest and most technologically advanced model in Honeywell's family of military engines, which includes the T55 engine that has powered

the H-47 fleet for over 60 years. Sikorsky-Boeing submitted the proposal for DEFiant X for the U.S. Army's Future Long-Range Assault Aircraft in September 2021; contract award is expected this year.

## Amentum Acquires PAE

AMENTUM GRAPHIC



PAE GRAPHIC

Amentum announced on Feb. 15, 2022 that it has closed its acquisition of PAE Incorporated in an all-cash transaction valued at approximately \$1.9 billion. Both companies are services contractors and the combined revenue over the last 12 months was more than \$9 billion. In November 2020, Amentum acquired competitor DynCorp International. Amentum announced the PAE deal in October, and PAE's stockholders approved it at a special meeting Feb. 10.

## Lockheed Names Malave CFO

Lockheed Martin on Feb. 1, 2022 named Jesus "Jay" Malave as its new chief financial officer, effective immediately. Malave, the former senior vice president and CFO for L3Harris Technologies, replaces Kenneth Possner, who retired suddenly in August. Malave previously served as vice president and CFO of Carrier Corporation, which was an operating unit of United Technologies Corporation.



LOCKHEED MARTIN PHOTO

**Contracts –** (From various sources. An "\*" by a company name indicates a small business contract / "\*\*\*" indicates a woman-owned small business)

**Avion Solutions Inc.,\* Huntsville, AL,** was awarded an \$8,555,935 hybrid (firm-fixed-price and time-and-materials) contract for technical support for the Fixed Wing Project Office; work will be performed in Huntsville, with an estimated completion date of Feb. 2, 2027.

**Sikorsky Aircraft Corp., Stratford, CT,** was awarded a \$42,152,263 cost-plus-fee, cost-no-fee, firm-fixed-price contract for non-personal technical services in support of sustainment of the H-60 Black Hawk helicopter; work locations and funding will be determined with each order, with an estimated completion date of Dec. 31, 2026.

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## AAAA Awards



### Order of St. Michael Inductees

#### Gold

LTC Paul J. Fardink, Ret.;  
No Chapter Affiliation  
LTG Leon Neil Thurgood;  
Tennessee Valley Chapter

#### Silver

Aviation Center Chapter  
SGM Steven DiGeorgio  
Thomas Lydon  
CW3 Charles A. Robertson  
Keystone Chapter  
LTC Kenneth M. Smith  
Lindbergh Chapter  
MSGT Ernest F. Bradow, Ret.  
Mid-atlantic Chapter  
CW5 Daniel B. Chapman  
Phantom Corps Chapter  
COL Charles F. Densford, Jr., Ret.  
Savannah Chapter  
1SG Christopher J. Cashell  
Tennessee Valley Chapter  
COL Gregory S. Fortier

#### Bronze

Air Assault Chapter  
SFC Jeremiah T. Almond  
CPT Christopher C. Aultman  
SSG Joshua Briggs  
CW3 Jason D. Hagan  
MSG Brenton D. Hall  
CW4 Douglas M. Saunders  
CW4 James J. Spiri  
MAJ Hunter M. Thornal  
Aviation Center Chapter  
CW4 Brett N. Horner  
Connecticut Chapter  
1SG Steven A. Leach  
Follow Me Chapter  
CPT Peter Callaway  
Mohawk Chapter  
COL Jason Lefton  
CW3 Louis Malizia  
Morning Calm Chapter  
LTC Luke T. Chivers  
CPT Jarvis W. Coburn  
CW4 Kyle E. Hartman  
SFC Atsuyoshi S. Shiroma  
Phantom Corps Chapter  
SFC Matthew Bastin  
CPT Thomas Carr  
CPT Cameron J. Martin

SFC Ryan A. Maxwell  
SFC Robert Murph  
SFC Marcus Shans  
CW3 Andrew Trevino  
Ragin' Cajun Chapter  
SFC Benjamin D. Barber  
CW3 Grant J. Black  
CPT Andrew Gill  
CPT Lewis Hudson  
CW3 Scott A. Jones  
CW3 Nathan J. Koch  
CW3 Brandon R. Nunn  
CW4 Nickolas Sciacca  
CPT Matthew Welker  
Tarheel Chapter  
SFC Edgar T. Bowers  
1SG Leo E. Gosney, III  
COL Michele Harper  
1SG Richard Huff  
Tennessee Valley Chapter  
MAJ Wesley R. Cogdal  
Washington-Potomac Chapter  
CW4 Rene Del Valle  
MAJ Kenneth "Mike" Miles



### Knight Inductees

Air Assault Chapter  
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1SG Robert M. Hughey  
CW3 Jason R. Timothy  
Morning Calm Chapter  
1SG Caroline M. Burga-Bagwell  
CSM Shawn F. Carns  
COL Stephen A. Fairless  
COL Wade A. Germann  
MG David A. Lesperance  
MAJ Carlyle O. McCalla  
1LT Alicia M. Merrell  
COL Robin W. Montgomery  
COL Dave J. Pasquale  
SFC George D. Patterson  
MSG Janice R. Wright  
Tennessee Valley Chapter  
Robert Leonard



### Our Lady of Loreto Inductees

Morning Calm Chapter  
Kendra Therese Bock  
Heather Coyle  
Marc Dalziel  
Tina M. Dougher  
Ashley N. Salom  
Pamela A. Skuza

## New AAAA Members *Continued*

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CPT Marc Savioli  
Mr. Jason Shea  
Mr. Jacob Sherline  
Mr. Robert Sprigg  
Mr. Jeffrey Stevenson  
Ms. Madison Strano  
BG Charles L. Taylor, Ret.  
Ms. Dena Trammell  
Dr. Jason Wolfson

### Wright Brothers Chapter

Mrs. JoEllen L. Gates  
MAJ John D. Howard  
Mr. Steve Jones  
Mr. Bob Lee  
Mr. Brandon Lewis  
Dr. Ronald Storm  
Mr. Matt Trangenstein  
Mrs. Brenda Weatherspoon

### No Chapter Affiliation

Mr. Matt Amacker  
CW4 Travis Anderson  
Mr. Casey Barker  
Mr. Corin Beck  
Mr. David Bennitt  
Mr. Arturo Carcamo  
Mr. Eric Coffie  
Mr. Bob Danko  
MAJ Greg Dearth  
Mrs. Vea F. Downey  
Mr. Arnold Escobar  
Mr. Keith Goldberg  
Mr. Dave Hammerschmidt  
Mr. Matthew Henry  
Mr. Ian Kalin  
Ms. Thy Le  
SPC Keonjoon Lee  
Mr. Michael Mahoney  
Mr. Javier Mendez  
Mr. David Mercado  
Mr. Juan Nadal  
Mr. Robert Ruff  
Mrs. Laura Salamanca  
GEN Mike Scaparrotti, Ret.  
Mr. Michael Smith  
Mrs. Sahily J. Tamara  
Mr. Saily C. Tamara  
COL Tom Taylor, Ret.  
Mr. Norman Villarina  
Mr. Dmitry Vovchuk  
Mr. David Weintraub  
Mr. Nate Witsaman  
CW2 Joseph Zigler  
COL Jerzy Zubr

## Lost Members

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

CPT Robert S. Boham  
Mr. Harold V. Bowie, Jr.  
COL Fred E. Brown, Ret.  
LTC Jeffery D. Brown  
Mr. Rickey J. Brown  
MAJ James E. Bruckart  
Mr. E. W. Cavanaugh  
LTC Richard G. Cercone Jr.  
LTC Tzu-Shan Chang  
COL James A. Coar, Ret.  
MAJ Harry L. Connors, Jr. Ret.  
Mr. Bruno Cussigh  
SGT Travis Bonham Darnell  
Mr. Kirk Flitte  
SPC Nicholas C. Ford  
2LT Arthur W. Galloway  
Mr. William H. Gillispie  
Mr. Michael F. Glass  
MAJ Gregory W. Glover  
LTC William T. Goforth  
Ms. Mary H. Gorman  
COL Gerhard Granz, Ret.  
Mr. Dexter Henson  
COL Jose L. Hinojosa, Ret.  
CW4 Delbert Jackson, Ret.  
LTC Randy K. Jackson  
Mr. Allen E. Jants  
CW3 Jeffrey J. Jelonek  
MAJ Gregory R. Jenkins  
MAJ David A. Jobe  
LTC Peter D. Kowal  
CW3 Vladimir Kultschizky  
CW3 Timothy J. Larz  
MSG David W. Little, Ret.  
SGM Ivonne M. Morrison, Ret.  
MAJ Darrel B. Nerove  
Mr. Fred A. Newcomb  
SFC Henry R. Rathbone, Ret.  
LTC Martin Scheld  
Mr. Thomas R. Schiltz  
LTC Jerry D. Scott  
LTC Jay Q. Smith  
MAJ James F. Speelman  
LTC Friedrich Stern  
Ms. Jean K. Tinsley  
WO1 Armando B. Torres  
MAJ L.D. Walker  
Mrs. Rose Weast

## AAAA Salutes the Following Departed...

COL Lee C. Smith Jr., Ret.

Deceased 1/21/22

Mr. Vincent J. D'Arrigo Jr.

Deceased 9/7/21

Mr. Harold Summers

Deceased 10/20/2021



## News Spotlight ▶

# Army Aviation NCOs awarded Purple Heart

By Kelly Morris



U.S. DOD GRAPHIC



SFC Carlos R. Porres Jr. flanked by CSM Daniel T. Hendrex, U.S. Army Training and Doctrine Command sergeant major, and GEN Paul E. Funk II, TRADOC commanding general, at the U.S. Army Aviation Museum, Ft. Rucker, AL, Feb. 14, 2022.



SSG Deanna M. Lucchesi, with Gen. Paul E. Funk II, commanding general, U.S. Army Training and Doctrine Command, at the U.S. Army Aviation Museum, Ft. Rucker, AL, Feb. 14, 2022.

U.S. ARMY PHOTOS BY KELLY MORRIS, USAMC PAO

On Valentine's Day, two members of Fort Rucker's Noncommissioned Officer Academy each received a heart made of purple instead of red, along with the thanks of a grateful nation.

SFC Carlos R. Porres Jr., a 15C/W Senior Leader Course small group leader, and SSG Deanna M. Lucchesi, a Senior Leader Course instructor, were each awarded the Purple Heart, the nation's oldest military decoration, for wounds received in action in Iraq in 2020, during a combined in-person and virtual ceremony at the U.S. Army Aviation Museum Feb. 14, 2022.

Ceremony host GEN Paul E. Funk II, commanding general, U.S. Army Training and Doctrine Command, thanked the awardees and their families for their service and sacrifice.

On Jan. 8, 2020, Porres served as a Gray Eagle Unmanned Aircraft Systems operator, and Lucchesi served as a Gray Eagle repairer, with Company D, 82nd Aviation Regiment at Al-Asad Airbase, Iraq as part of Task Force Scarecrow, when their unit came under attack by the largest ballistic missile operation ever perpetuated against U.S. forces.

Multiple Iranian Qiam-1 short range ballistic missiles struck the hangars, maintenance facilities, living quarters and other support facilities primarily used by Task Force Scarecrow personnel.

Porres recalled the warning he received of an imminent threat that night as he piloted a Gray Eagle remotely from his ground control station.

"Within minutes one missile hit approximately seven meters from where I was, a second hit shortly after," he said. "I continued to fly the aircraft trying to return it, until I completely lost link with the aircraft."

His ground control station was shaken and destroyed by the blasts, and Porres sustained a concussion after he was thrown into a wall and hit by other equipment.

Despite his injury, he focused on assisting other Soldiers to safety and helped ensure there were no U.S. fatalities or loss of aircraft that night.

Concurrently, Lucchesi helped relocate other Soldiers to bunkers out of harm's way, as fire was spreading from one of the ballistic missiles. As she took accountability and reported up the chain of command, at least two ballistic missiles impacted the ground within 25 meters of her position, resulting in Lucchesi's own concussion and injury.

The Purple Heart dates back to the 1780s when it was known as the Badge of Military Merit, established by Gen. George Washington to recognize outstanding valor during the Revolutionary campaigns. It was originally a purple heart made of cloth or silk worn over the left breast.

The decoration was forgotten for more than a century and was revived in the 1930s with the additional criterion: "A wound, which necessitates treatment by a medical officer, and which is received in action with an enemy of the United States, or as a result of an act of such enemy, may...be construed as resulting from a singularly meritorious act of essential service."

Since the 1940s, the Purple Heart can only be awarded for being wounded or killed by enemy action.

Kelly Morris is a public affairs specialist at the U.S. Army Aviation Center of Excellence, Ft. Rucker, AL.

## People On The Move

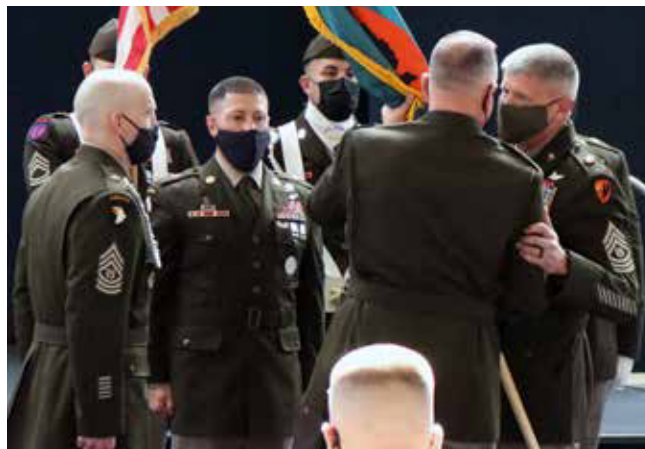
### Changes of Command/Responsibility 96th Aviation Troop Command Changes Leadership



U.S. ARMY PHOTO BY TERESA BURGESS

COL Mitchell Sieglock returns the colors of the 96th Aviation Troop Command, Washington National Guard, to CSM Michael Twadell as they assumed command/responsibility of the 96th Aviation Troop Command in a ceremony hosted by BG Daniel Dent (not pictured), the Assistant Adjutant General, at the Army Aviation Support Facility on Joint Base Lewis-McChord, Feb. 5, 2022.

### Transfer of Authority USAACE NCO Academy Welcomes Perez



U.S. ARMY PHOTO BY SSG DEANNA LUCCHES

CSM James T. Hall, outgoing commandant, passes the Noncommissioned Officers Academy colors to CSM James Wilson (back to camera), command sergeant major of the U.S. Army Aviation Center of Excellence, as incoming CSM Jose Perez (left) prepares to receive them during a change of responsibility ceremony Feb. 9, 2022 at the U.S. Army Aviation Museum, Fort Rucker, AL.

## 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.

### Class 22-001 57 Officers, November 4, 2021

#### Commissioned Officers

2LT Amato, Trevor A. - DG  
1LT Monaghan, Connor J. - HG  
2LT O'Brien, Charles - HG  
CPT Vu, Andrew - HG  
2LT White, Mitchell I. - HG  
2LT Bricker, Kyle W.  
2LT Diederich, William J.  
2LT Earnhardt, Ian H.  
CPT Elkins, Travis S.  
2LT Fritz, Brent D.  
2LT Harris, Julie M.  
2LT Haven, Austin J.  
1LT Hendricks, Jacob T.  
2LT Hilby, Isaac W.  
2LT Humes, Aaron S.  
1LT Jones, Craig A.  
2LT Krone, Nicholas R.  
2LT Manfredini, Paul R. \*  
2LT Montalvo, Coral I.  
2LT Roachell, Dustin H.  
2LT Rogers, Chad R.  
2LT Siler, Dylan T.



ALL PHOTOS U.S. ARMY PHOTO FORT RUCKER PUBLICATIONS

FSXXI Class 22-001

2LT Sullivan, John O.  
2LT Tallant, Barrett N.  
2LT Whitlow, Benjamin W. \*  
CPT Winchester, Marc A.  
**Warrant Officers**  
WO1 Haushalter, Joshua J. - DG  
WO1 Busse, Orian S. - HG  
WO1 Funk, Ryan L. - HG  
WO1 Shelton, Nathaniel M. - HG  
WO1 Stanavich, Daniel J. - HG  
WO1 Aguilera, Pedro J. \*

WO1 Asher, Spencer S.  
WO1 Berrier, James H.  
WO1 Bidwell, Christian M.  
WO1 Bollinger, Alec A.  
WO1 Bruce, Nicholas L.  
WO1 Cameron, Charles R.  
WO1 English, Benjamin T.  
WO1 Harmon, Nathan R.  
WO1 Herfield, Colton M.  
WO1 Huey, Deontre T.  
WO1 Hurley, Mark D.

WO1 Jones, Justin T.  
WO1 Key, Kyle D.  
WO1 Kokenes, Daniel A.  
WO1 Noriega, Luis C. \*  
WO1 Paez, Fernando  
WO1 Pedersen, Joshua M.  
WO1 Peterson, Cody H.  
WO1 Soto, Daniel J.  
WO1 Tarasovic, Matthew D.  
WO1 Wiechman, Matthew D.  
WO1 Zeek, Joshua T.





# People On The Move

## Class 22-006

**51 Officers January 27, 2022**

### Commissioned Officers

1LT Corapi, Paul E. \* - DG  
1LT Lizier-Zmudzinski, Natan S. - HG  
1LT Stills, Liam T. - HG  
1LT Ward, Matthew W. \* - HG  
1LT Gerak, Jake A. \* - HG  
2LT Anderson, Dane W. \*  
1LT Arnold, Andrew C.  
1LT Baker, Mark A. \*  
2LT Cervantes, Georgia E.  
1LT Curry, Sebastian S.  
1LT Egan, Mikaela R.  
2LT Elo, Jack R.  
2LT Kane, Alexander J.  
1LT Kraus, Russell J. \*  
1LT Krug, Taylor D. \*  
2LT Lawrence, Colin D.  
1LT Lindsay, Stormy M.  
1LT McKinney, Emily L.  
1LT Medina, David \*  
2LT Miller, Joseph C.  
1LT Nichols, Donia M. \*  
2LT Phillips, Robert A., III  
1LT Reardon, Aidan M.  
1LT Snyder, Christopher M.  
1LT Sullivan, Joseph M.  
2LT Volpe, Brandon M.



FSXXI Class 22-006

1LT Williams, Joshua A.

### Warrant Officers

CW2 Perry, Robert J. - DG  
WO1 Petry, Kaleb S. \* - HG  
WO1 Schmidt, Kyle D. - HG  
WO1 Serrano, Michael E. - HG  
WO1 Blanding, Steven M.  
WO1 Carroll, Andrew L.  
WO1 Collins, Nathaniel L.

WO1 Janisse, Michael J.  
WO1 Johnson, Mitch N.  
WO1 Libertini, Jesse D.  
WO1 Martinez, Raymond T.  
WO1 McAuley, Daniel P.  
WO1 Nunez, Joseph R.  
WO1 Oliva, Keanu C.  
WO1 Quam, Elizabeth A.  
WO1 Schanke, Johnathan F.

WO1 Shrontz, Zakary C.  
WO1 Trotter, Sebastian L.  
WO1 Williams, Timothy M.

-DG: Distinguished Graduate  
-HG: Honor Graduate

\* AAAA Member

## 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 051-21**  
PV1 Joshua Robert Essen \* - DG  
PV1 Lane Michael Chaffin  
PV1 Elijah Blake Collins  
PFC Dylan Kenneth Fox  
PFC Jacob Aaron Haynes  
PV2 Marshall Lambert House  
PV1 Hunter James Lambert  
PFC Christian Blake Mullins  
PFC Nelson George Parrish  
PV1 Rumeal Xavier Prince  
SPC Christopher R. Swanson  
PV1 Paea Malakaipuloko Taliauli  
**Class 052-21**  
PV1 Alexander T. Harrison \* - DG  
PV2 Sami Lynn Arps  
PV2 Giancarlo Berriosgarcia  
PFC Tyler Stevenjenkins Fief  
PFC Mason Wesley Fields  
SGT Aaron Ross Gilmore  
PFC Travis Michealedward Jones  
PV2 Erica Vanessa Lopezhart  
PFC Aaron Michael Ostrander  
SPC Raquel Flora Perdue

### CH-47 Medium Helicopter Repairer (15U)

**Class 040-21**  
PFC Dale B. Drummond \* - DG

SFC Jamal Jalis T. Alharbi  
PV2 Tyler Lee Guzman  
PFC Hunter Clinton Hardcastle  
PV2 Timothy Kalvin Itson  
1SG Antoine Lorenzo Smith  
PFC Coltin James Reed  
PFC Mason Jeffrey Stevenson  
**Class 041-21**  
PFC John Burl Camp \* - DG  
MSG Ali Ibrahim A. Alshaikh  
PV2 Roe Bradford Coffman  
PV2 Cameron Grant Gammon  
PV2 Mark Isiah Holder  
1SG Antoine Lorenzo Smith  
PV2 Jackson Elliott Phillips

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

**Class 091-21**  
PFC Theodore J. Whitedog \* - DG  
PV2 Clayton Justice Burch  
PFC Dylan Javier Constantino  
PFC Landon Dunkerson  
PFC Landon Thomas Goode  
PV2 Zachary Thomas Hansen  
PV2 Johnathon Dwayne Heath  
PFC Temujin Thomas Horsey  
PFC Rodolfo Senoto Javier, III  
SPC Mehmet Gokhan Oner  
PFC Ethan Daniel Weaver  
**Class 092-21**  
PFC Austin Jon Masters \* - DG  
SPC Timothy M.I. Hieronymus  
PFC Malik Deronleo Kemp  
PFC Keegan Tyler Lohman  
PFC Jesse Phillip Mace  
PFC Brian A Pearsall  
PV2 Travis Frederick Perron  
PV2 Payton Charles Ragona  
PV2 Jahmel Kari Robinson

PFC Jaeven Avery Willis  
**Class 093-21**  
PV2 Andrew C. Coban \* - DG  
PFC James Lee Allen  
PV1 Andrew Elijah Avila  
PFC Sage McGurtis Behling  
PFC Dylan Alvey Carper  
PFC Jakob Andrew Elliott  
PFC Devin Edward Franklin  
PV1 Jeremy Garcia  
PFC Jack Kabermanzi  
PV1 Dewey Maxwell Larson  
Gary Allen Miller Jr  
**Class 094-21**  
PV2 Nazir D. Betheamarrero \* - DG  
PFC Jacob Randall Moon  
PV2 Minhquang Nguyen  
PV1 Trey Felipe Pippin  
PFC Victor Reyes  
PFC Austin Angel Toves  
PFC Bradley Robert Trainor  
PV1 Mireles Christ Vanbrocklin  
PFC James A. Wadsworth  
PV2 Jeremiah Joshua Waxler  
PV1 Dylan Kyle Williams  
PFC Nathan Paul Willis

### Aircraft Powertrain Repairer (15D)

**Class 012-21**  
PFC Clayton John Lents \* - DG  
PFC Michael S. Canon  
PV2 Rodrigo Jesus Gutierrez  
PV2 Juan Antonio Hernandez  
PFC Thomas Nathaniel Hincley  
PV2 Jorge Thomas Leedham  
PFC Matthew Alan Marquez  
PFC Nigel Isiah Mettle  
PFC Byson Kusoka Ngoma  
PFC Aleck Ruben Peralta

PFC Erick Ruben Peralta  
SPC Brian Luther Stiller  
PV2 Shervin Scott Travis

### Aircraft Electrician (15F)

**Class 26-20**  
PFC Xavier D. Norwood \* - DG  
SSG Mashan Saud H. Al Shammari  
PFC Matthew Allen Caviness  
PV2 Keegan Anthony Rogers  
PV2 Devin Thomas Cummins  
SPC Caitlin Christin Garretson  
PV2 Chase Dillon Martell  
**Class 27-20**  
PFC Colten J. Contreras - DG  
PV2 Collin Michael Fishel  
PFC Joshua Edward Garcia  
PV2 Steele Carl Schiddel  
PFC Cory Michael Hartman  
PV2 Zachary Eric Hyatt  
SPC Randy Jerome Quintanilla  
SGT Jesse Loren Sandoz

### Airframe Repairer (15 G)

**Class 013-21**  
PV2 Alecvillanueva - DG  
PFC Cody Daniel Welsh - DG  
SGM Mohamad Abou Khoder  
PV2 Brandon Joseph Boyer  
PFC Thomas Miles Brionez  
SGT Dakota Ray Chase  
PV2 Jacob T Koller  
PFC Alexis Lee Ogilvie  
PV2 Xazier Lee Pearson  
PFC Christian Joseph Pierce  
PFC Brandon David Postler  
SGT Kevin Wesley Sutton  
PFC Emily Madison Thornton  
PV2 Tyler Kenneth Lyndon Webb

### Aircraft Pneudraulics Repairer (15H)

**Class 001-22**  
PFC Jeffrey Michael Ackermann  
PV2 William Gabriel Baez  
PVT Tilton James Noah, IV  
PV2 Colby Daniel Russell  
PFC William Bonham Schoff

### Aviation Operations Specialist (15P)

**Class 22-001**  
PFC Carter Thomas - DG  
PFC Julissa Romero-Palomares - HG  
PFC Colin Brysiak  
PFC Krystabelle Cooley  
PFC Terrance Grant  
PFC Taren Hefner  
PFC Serenity Levier  
PFC Malik Mayo  
PFC Dewayne Porter  
PV2 Joseph Bopp  
PV2 Braxton Herring  
PV2 Nathaniel McCauley  
PV2 Esteban Serna  
PVT Leopold Leuer  
**Class 22-002**  
PFC Ayden Dobbs - DG  
SPC Hannah Brewer - HG  
PFC Thomas Maldonado  
PFC Valeri Martinez Matos  
PFC Jaydin Rodriguez  
PV2 Zacharie Azevedo  
PV2 Jason Khybery  
PV2 Jasmine Watson  
PV2 Jaydyn Wilkerson

*AIT Graduations continued on next page*



# AAAA

## People On The Move

### AIT GRADUATIONS

*Continued*

PV2 Shelly Warren  
PVT Micah Loomis  
PVT Isaac Rubalcaba  
PVT Jenny Vasquez-Phillips  
**Class 22-003**

PFC Migdalel Corado - DG  
PFC Moises Arellano - HG  
PFC Conner Beene  
PFC Brody Chitwood  
PFC Hannah Ellison  
PFC Hanna Eskew  
PFC Jerantaly Marengo  
PFC Amelia Scharhofer  
PV2 Brock Palmer  
PV2 Kimberly Mazur  
PV2 Jayden Redmond  
PVT James Harris

#### **Class 22-004**

PFC Adrian Revelez - DG  
PFC Lance Cooper  
SGT Tamara Thompson  
SPC Brittany Easley  
SPC Jonah Lopez  
SPC Rafael Madureira  
PFC Mark Dessalines  
PFC Brayden Fa'amasino  
PV2 Korey Keegan  
PV2 Tristian Kelly  
PV2 Jackson King  
PV2 Daniel Sawyer  
PVT James Brians  
PVT Camila Popoca

#### **Class 22-005**

PVT Wilson Stemm - DG  
PFC Shakiya Shivers - HG  
SPC Shaughn Dalee  
SPC Xavier Payne  
SPC Matthew Smith  
SPC Joseph Zambardi  
PFC Cheylyn Buckley  
PFC Brice Buendel  
PFC Titus Cockrum  
PV2 Jarrott Banks  
PV2 Leann Brown  
PV2 Yuliana Correa  
PVT Sara Polanco

#### **Class 22-006**

PV2 Andrew Kingcannon - DG  
PVT Genesis Gama - HG  
SPC Darlene Badillo  
SPC Brenton Henthorne  
PFC Caleb Davis  
PV2 Shawn Nichols  
PV2 Nicholas Randol  
PV2 Kayla Young  
PVT Lynzi Emery  
PVT Aasani Price  
PVT Colby Rogers  
**Class 22-007**  
PFC Nicholas Pease - DG  
PFC Summer Kath - HG  
SPC Etienne Agwaranyam  
SPC Maxwell Gocke  
PFC Samara Brown  
PFC Stuti Chauhan  
PFC Mehkai Kelly  
PFC Tjhari McCormick  
PFC Armando Nievesgotay  
PFC Destiny Salard  
PV2 Joshua Argueta  
PV2 Santiago Gomez  
PVT Sebastian Elizalde-Contreras

### Air Traffic Controller Operator (15Q)

**Class 21-028**

PFC Robert Marshall - DG

SGT Everlyne Odhiambo  
SPC Giancarlo Martinez  
PFC Hope Ragan  
PFC Jaxon Martin  
PV2 Love Grimes

#### **Class 21-029**

PFC Sawyer Verbeek - DG  
PFC Nathaniel Eluentrop  
PFC Laura Theodore  
PV2 Tanner Brown  
PVT Mekhi Robinson  
PVT Jacob Roscizewski  
**Class 21-030**  
SPC Kyle Nabe - HG  
PFC Isaiah Keaton  
PFC Caleb Leblanc  
PFC Austin Meredith  
PFC Collin Walker  
PFC Olivia Wilkins  
LCPL Odane Weir  
PV2 Austin Grisworld

#### **Class 21-031**

PV2 Jessica Rushing - HG  
SPC Jordan Broadway  
PFC Timothy Mcloyd  
PFC Rachel Price  
PFC Ethan Staggs  
PFC Preston Worthington  
PV2 Coulter Ingalls

#### **Class 21-032**

PFC Ryne Rucynski - HG  
PFC Cole Carpenter  
PFC Gavin Coleman  
PFC Neftali Hernandez  
PV2 Kylie Frazier  
PV2 Richard Goodman  
PV2 Jaleesa Lopez

#### **Class 21-033**

SPC Kegan Johnson - DG  
PFC Kyla Bautista - HG  
SPC Andrew Taylor  
PFC Kaila Biggs  
PFC Gabriel Rudicel  
PV2 Faidat Amisu  
PV2 Damion Campbell  
PV2 Coleton Heath  
PV2 Joao Heleodoro  
PVT Ian Van Haren

### AH-64 Armament/Electrical/Avionic Systems Repairer (15Y)

**Class 021-21**

PFC Matthew Dayton \* - DG  
PFC Colin Byrne  
SPC Jose Cardenasplancarte  
PV1 Marco Constantino  
PFC Saniyah Ellis  
PV1 Elyjah Ferrell  
PV1 Jessica Garcia  
PV1 Earl Hankins, Jr  
PFC Stephen Harrison  
PFC Brandon Hernandez  
PV1 Daniel Horne  
PV1 Terrell Knowles

#### **Class 022-21**

PV2 Lee Bruce, Jr  
SGT Rafael Carlos  
PV2 Ryan Hudgins  
PV2 Benjamin Parsons  
PV2 Tykeem Selby  
SPC Caleb Transue

- DG: Distinguished Graduate  
- HG: Honor Graduate

\* = AAAA Member

### 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

**6 Graduates, 31 January 2022**

PV2 Khalid Benkhay - HG  
PFC Adam Blasiman  
PV2 Caleb Eidlebach  
PV2 James Hoban  
PV2 Tyler Norris  
PV2 Brianna Daugherty  
7 Graduates, 11 February 2021  
PV2 Hunter Lape - HG  
PFC Cole Burns  
PFC Noah Harber  
PFC Michael Mollencopf  
PV2 Joshua Thomas  
PV2 Riley Tucker  
PV2 Marcos Valenuela-Pulido

#### Grey Eagle UAS Repairer Course

**12 Graduates, 10 February 2022**

PFC Dylan Arnold - DG  
PV2 Dylan Pelotte - HG  
SGT Duntrea Plater  
PFC Makylie Getner  
PFC Jose Tapia  
PV2 Chance Castillo  
PV2 Jonathan Espree  
PV2 Anthony Ipinia  
PV2 Maksimilian Korshak  
PV2 Augustus Rodriguez

PV2 Haris Selak  
PV2 Jacob Stinnett

#### UAS Operator

AAAA congratulates the following Army graduates of the Unmanned Aircraft Systems Operator Course, MOS 15W, at Fort Huachuca, AZ.

#### Shadow UAS Operator Course

**19 Graduates, 28 January 2022**

PV2 Caleb Sullivan - DG  
PV2 Patrick Standifer - HG  
PFC Brianna Daugherty  
PFC Camden Dorothy  
PFC John Geist  
PFC Aaron Lutz  
PFC Jais McNeeley  
PFC Tony Raymond  
PFC Climone Scarlett  
PFC Charles Smith  
PFC Devin Thomas  
PV2 Caleb Albritton  
PV2 Nathan Catino  
PV2 Marissa Ezzo  
PV2 Anthony Hild  
PV2 Masen Knight  
PV2 Kristopher Podskarbi  
PV2 David Salazar  
PV2 Garrick Schultz

**15 Graduates, 15 February 2022**

PFC Loretta Newcomer - DG  
PV2 Karston Gebhardt - HG  
SPC Omarie Dukie  
PFC Gareth Creighton

PFC Samuel Donathan  
PFC Camron Gloyd  
PFC Jamie Lee  
PFC Wesley Lejune  
PFC Timothy Peeters  
PFC Justin Salisbury  
PV2 Jayce Broker  
PV2 Jacob Bunner  
PV2 Allexis Kabe  
PV2 Augustine Pujolle-Rodriguez  
PV2 James Yawn

#### Grey Eagle UAS Operator Course

**18 Graduates, 9 February 2022**

PFC Jacob Miller - DG  
PFC Stuart Hawn - HG  
SPC Amber Johnsen  
SPC Chesterallan Yanos  
PFC Wyatt Lorenz  
PFC Jayden Lowhorn  
PFC Matthew Peterson  
PFC Christopher Ramsey  
PFC Elizabeth Taylor  
PFC Iylan Trotman  
PV2 Moses Bassett  
PV2 Blake Crawford  
PV2 Jordan Dorman  
PV2 Patrick Frederick  
PV2 Nathan Hadjivelloudos  
PV2 Kennedi Lewis  
PV2 Jonathan Lopez  
PV2 Orion Morin

DG - Distinguished Graduate

HG - Honor Graduate

\* = AAAA Member

**We Honor You and Thank You!**

# NATIONAL VIETNAM WAR VETERANS DAY



## March 29, 2022

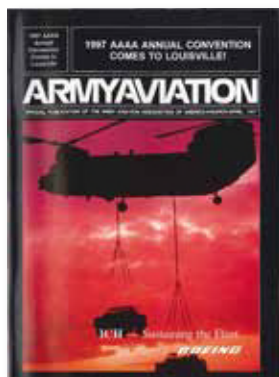
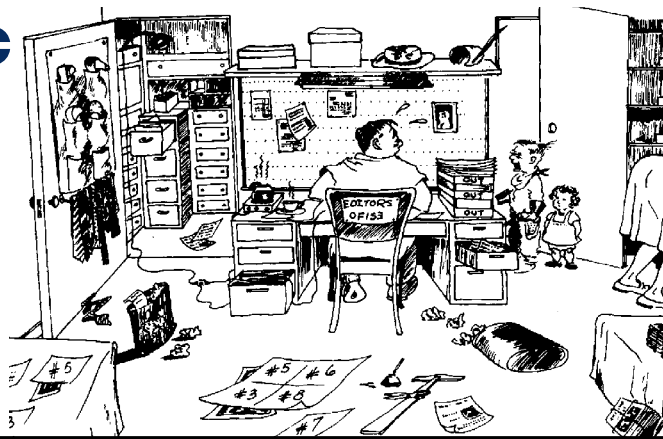


# Art's Attic

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 March - April 1997

### A First

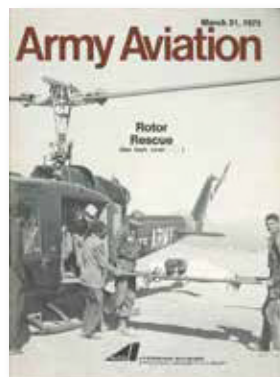
Promulgated: The 100<sup>th</sup> Infantry Battalion, 442<sup>nd</sup> Regimental Combat Team, and Military Intelligence Service WWII Memorial Foundation Monument. This is the initial commemoration of the Nisei, Japanese-American men who fought while their families were incarcerated in internment camps, the result of FDR's Executive Order 9766. November 3, 1943, the 100<sup>th</sup> Infantry Battalion crossed the Volturno River and attacked German positions in the Oliveto-Venafro sector. The Nisei overran German positions, launching the first recorded bayonet charge by any American unit during the Italian campaign. The monument is to be built adjacent to the Japanese-American National Museum in Los Angeles. Construction will commence in 1998.

### A Cavalryman's Story

The memoirs of a professional soldier, born of and who perpetuated a West Point lineage ... General Hamilton H. Howze. His life and career are charted, from an army still relying on horses, then armor, finally the helicopter, to becoming the first Director of Army Aviation. For a look into the forging of an airborne army, *A Cavalryman's Story* is a must. Smithsonian Institution Press, 316 pages, ISBN: 1-56098-664-6

### Another Volume

*Year of the Horse: 1<sup>st</sup> Cavalry in the Highlands, 1965-1967.* Authored by Colonel Kenneth D. Mertel, U.S.A. (Ret.), and a frequent contributor to *Army Aviation*. The day-to-day exploits of the Jumping Mustangs—1<sup>st</sup> Battalion, Airborne, 8<sup>th</sup> Cavalry, of the 1<sup>st</sup> Air Cavalry Division. Colonel Mertel offers the history of the Mustang battalion, from Fort Benning to the Jungles of South Vietnam. Schiffer Publishing, 384 pages, ISBN: 0-7643-0190-X



## 50 Years Ago March April 1972

### Four Stages of the Aviator

From the Aberdeen Proving Grounds, the four stages of an Army Aviator, from left to right: New Aviator, Cocky Aviator, Wise Aviator and Professional Aviator. All are depicted by: CWO Jack M. Dotterer,



Captains Mark R. Furman, Frank J. Kazaitis and Doug Cooper. The skit was an interlude during safety meetings attended by some sixty aviators.

### Master Aviator Wings

Lieutenant General John J. Tolson, Deputy Commanding General of the Continental Army Command, recently received his Master Aviator wings, in a ceremony hosted by CONARC Commanding General, Ralph E. Haines, Jr. (left). "This is the most cherished of my awards since I have been an Army Aviator," noted General Tolson, also a recipient of the Army's top parachutist badge. A colonel at age 29, General Tolson completed the Senior Army Officers Flying Course at Fort Rucker, Alabama, June 1957, with both fixed and rotary wing ratings. During his year and three months in Vietnam, General Tolson logged some 1,100 hours of flying time. Prior to his attachment to CONARC, General Tolson commanded the XVIII Airborne Corps at Fort Bragg, North Carolina.



### Mr. Good-Wrench

Brigadier General Eugene M. Lynch (left), CG of the USAFTC, Hunter-Stewart, Georgia, presents a giant wrench, symbolizing the Aircraft Maintenance Brigade to outgoing commander, Colonel Albert A. Johnson, Jr. (center), as the new Head Mechanic, Colonel Howard J. Tuggey (right) looks on.





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 2023 induction is June 1, 2022

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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Dr. (Colonel)  
Hal Kushner,  
U.S. Army Retired

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*Army Aviation Hall of Fame 2001 Induction-  
Charlotte, NC*

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**D**r. (COL) Hal Kushner (Ret.) volunteered to be flight surgeon of the 1st Squadron, 9th Cavalry, 1st Cavalry Division. As flight surgeons should, he flew numerous combat missions with Cav pilots. On Nov. 30, 1967, on a night flight in a driving rainstorm, the helicopter crashed. Recovering consciousness in the burning, inverted helicopter, he freed himself despite a broken left wrist and collarbone and seven broken teeth. While trying to free the pilot, he was hit in the neck and shoulders by exploding ammunition and his hands and buttocks were burned. The pilot was dead, the copilot, mortally injured in the crash, died the third day, the crew chief was sent for help and was later found shot by the enemy. He then left the crash site and was fed by a peasant who later turned him over to an enemy squad. He was shot in the neck because he was unable to lift his splinted broken arm when ordered to surrender. Thus began the tortuous hell of five and a half years as the only medical doctor captured in the Vietnam War.


Tied and beaten, wounded and sick and without boots, he trekked through the mountains. He was held in a series of jungle camps for over three years. In 1971, with the other survivors, he walked 900 kilometers to Vinh; was loaded on a train of cattle cars with thousands of South Vietnamese prisoners and moved the final 180 kilometers to Hanoi.

Conditions in Hanoi's jails were bad, but better than in the jungle camps, where prisoners suffered from jungle diseases and starvation. Twelve of the 27 U.S. prisoners died; some because it was too hard to live. They slept on a large pallet of bamboo where the sick vomited, defecated and urinated on the common bed and other prisoners.

Kushner was offered a better life working in a hospital; he refused. He was forbidden to practice medicine, but at great personal risk found ways to alleviate suffering and save lives. A fellow prisoner, Frank Anton, said: "Kushner never quit; attempting always to motivate us to keep fighting, keep trying." Another, David Harker, said: "Dr. Kushner never lost his will to practice medicine. In the end he would simply hold dying prisoners in his arms and saw them through to the other side."

Kushner said: "It was a terrible experience but some good came from it. I learned about the human spirit. I learned about loyalty to your country and its ideals - to put your friends and comrades first."





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## Bridging the gap to the future

[baesystems.com/fvl](http://baesystems.com/fvl)

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or needing to avoid them.

DEFIANT X™ gives you the edge.