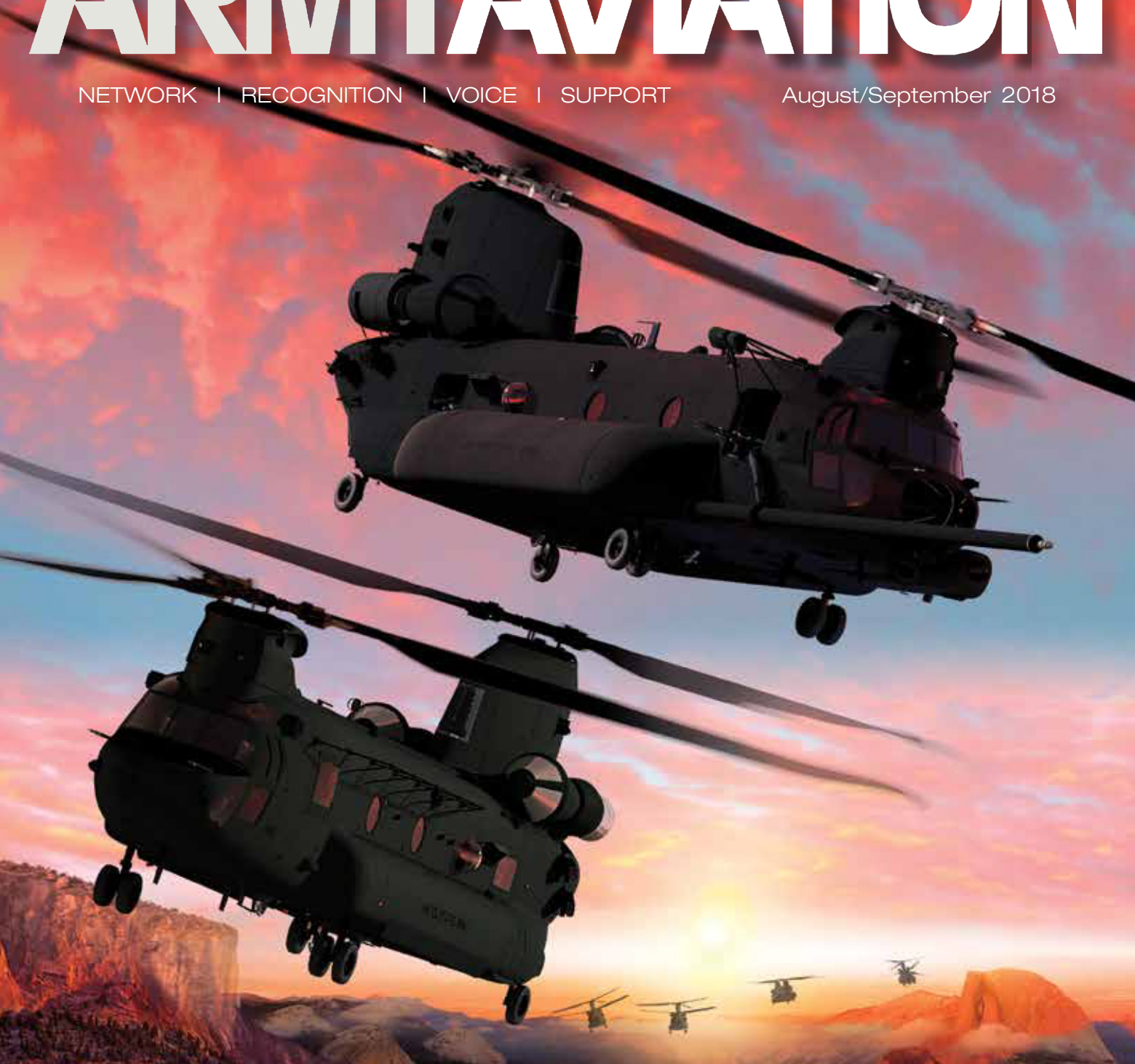


2018 Blue Book Issue

# ARMY AVIATION

NETWORK | RECOGNITION | VOICE | SUPPORT

August/September 2018



**Chinook Block II** – *The Future of U.S. Army Heavy Lift!*

 **BOEING**

From Aircraft Modification and  
Integration Through Logistics Support

---

**SES** OFFERS A TOTAL  
FIELDING SOLUTION



**ASK WHAT WE CAN DO FOR YOU.**



[www.sesius.com](http://www.sesius.com)  
(256) 258-3992





10



14



18



30



38

# Contents

August/September 2018, Vol. 67, No. 8 & 9

## TO THE FIELD

---

- 10 Director of Army Aviation Update**  
By BG David J. Francis
- 14 DAMO-AV Standardization Officer Update**  
By CW5 Jonathan P. Koziol
- 18 Command Sergeant Major of the Branch Update**  
By CSM Brian N. Hauke
- 20 Combat Readiness Center Update**  
By COL Christopher W. Waters
- 22 Reserve Components Aviation Update**  
By LTG Timothy J. Kadavy
- 26 128th Aviation Brigade Update**  
By SSG Ronald A. Smith
- 30 AMRDEC Tech Talk**  
By Mr. Travis Massa
- 32 Ask the Flight Surgeon**  
By CPT Jessica Warneke, D.O.

## SPECIAL FOCUS — Corpus Christi Army Depot Update

---

- 34 CCAD - Improving Warfighter Sustainability**  
By Quentin Johnson

## FROM THE FIELD

---

- 38 One System Remote Video Terminal – A Force Multiplier in Afghanistan**  
By MAJ Steven Seigler and CW3 Joel Gooch



118

# Contents

August/September 2018, Vol. 67, No. 8 & 9



122

## SPECIAL FOCUS — 2018 Blue Book

**42 2018 Blue Book Directory** - ARMY AVIATION Magazine's original directory of updated contact information for government and military units, offices, and organizations related to the Army Aviation community.



123

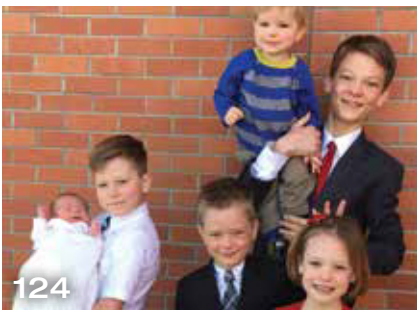
## SPECIAL FOCUS — 2018 Scholarship Recipients

**106 2018 Scholarship Awards - Largest Program Ever!**  
By BG (Ret.) Tom Konitzer

## DEPARTMENTS

### AAAA NEWS

AAAA President's Cockpit.....	8
AAAA VP Chapter Affairs.....	122
Chapter News.....	123
AAAA VP Membership.....	124
New Members.....	125
AAAA Family Forum.....	128
AAAA Legislative Report.....	131
AAAA Scholarship Foundation.....	120



124

### ARMY AVIATION COMMUNITY NEWS

Advertisers Index.....	130
Art's Attic.....	138
Briefings.....	6
Calendar.....	125
Enlisted Soldier Spotlight.....	20
Fallen Heroes.....	127
Hall of Fame.....	139
Historical Perspective.....	118
Industry News.....	130
News Spotlight.....	107
People on the Move.....	132



128

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

For more than 37 years, PAE has provided continuous aviation support expertise to the U.S. Army, including modernization and readiness initiatives. Our qualified and skilled technicians team with the U.S. Army to provide essential support in expeditionary maintenance, support, supply, logistics, technical expert services and equipment training.



**PAE**

**PERSEVERE.**

**Publisher** / William R. Harris Jr.

**Editor** / CW4 (Ret.) Joseph L. Pisano Sr.  
editor@quad-a.org

**Director of Design & Production**  
Anne H. Ewing  
magazine@quad-a.org

**Web Edition** / Trudy Hodenfield  
trudy@quad-a.org

**Contributing Editor** / Mark Albertson  
mark@quad-a.org

**Family Forum Editor** / Judy Konitzer  
judy@quad-a.org

**Advertising Director** / Robert C. Lachowski  
bob@quad-a.org

**Advertising Manager** / Erika Burgess  
erika@quad-a.org

**Marketing Director** / Jennifer Chittem  
jenn@quad-a.org

**VP Business Development** / Sal D. Lucci  
sal@quad-a.org

**Circulation Department**  
Deb Cavallaro  
Debbie Coley  
Elisabeth Mansson  
Corey Stokes  
Sue Stokes

**Web Master** / Mary Seymour  
mary@quad-a.org

### Editorial Address

593 Main Street, Monroe, CT 06468-2806  
Tel: (203) 268-2450 / Fax: (203) 268-5870

ARMYAVIATIONmagazine.com

## On The Cover

PAID ADVERTISEMENT:

Block II provides the payload capacity needed by our soldiers to fight tomorrow's fight. Block II: Affordable, High Quality, On Schedule.

*Caption provided by the advertiser*

## Murray Promoted and Activates AFC



U.S. ARMY PHOTO BY SGT SGT B. NICOLE MEJIA

GEN John M. Murray (left) executes the commissioned officer oath of office during his promotion ceremony held at the newly established headquarters location for Army Futures Command in Austin, TX, Aug. 24, 2018. U.S. Army Chief of Staff GEN Mark A. Milley administered the oath and promoted Murray to the rank of four-star general on the same day as Army Futures Command's activation ceremony.

## Shipley Honored With Third Presidential Rank Award

Mr. John Shipley, a member of the senior executive service and director of the Aviation and Missile Command's Special Programs (Aviation) and executive director of the command's Aviation Integration Directorate, has received his third selection for the Meritorious Executive Presidential Rank Award. He is responsible for the development, acquisition, modernization, fielding and sustainment of the Army's Special Operations Forces fleet of uniquely configured aviation vehicles. He also serves as the airworthiness release authority of the Army's Special Operations Forces aviation assets, and is a member of the General Officer Steering Committee for all Army aviation. Shipley has served as director of AMCOM Special Operations since 1991.



FRANKIE VALLEY, VA VETERAN'S MUSEUM, COURTESY PHOTO

## AMCOM Welcomes Dove

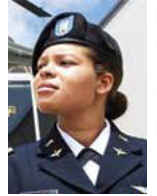


U.S. ARMY PHOTO BY TRAVIS BOUTWELL

During a change of responsibility ceremony on July 3, the U.S. Army Aviation and Missile Command honored outgoing CSM Michael O'Donnell (right), and welcomed its eighth

command sergeant major, CSM George "Mike" Dove shown here receiving the colors from MG Doug Gabram, AMCOM commander.

## Freeman First Black Female Pilot in the Alabama National Guard



U.S. ARMY PHOTO BY T.L. LERMANE THURSTON

2LT Kayla Freeman of Huntsville, AL graduated flight school at the U.S. Army Aviation Center of Excellence, Ft. Rucker, AL on June 21st making history as the first black female pilot in the Alabama National Guard. The 2016 graduate from Tuskegee University's Reserve Officers' Training Corps is currently at Ft. Hood, TX, where she is preparing to deploy to the Middle East as a platoon leader in the Alabama National Guard's 1-169th Aviation Battalion.

## "Good Morning, Vietnam" D.J. Dies at 79



U.S. AIR FORCE FILE PHOTO

Adrian Cronauer, a legend of the Vietnam War, and the inspiration for the 1987 movie "Good Morning, Vietnam," died July 18 following a long illness. An Air Force sergeant during his service in Vietnam as a disc jockey with the Armed Forces Radio Service, Cronauer began his early morning show, "Dawnbuster," with the iconic words "Gooooood morning, Vietnam!" The 1987 movie, starring Robin Williams, turned that line into a national catch-phrase years after the war ended.

## AAFES Makes It Easier for Army Guard and Reserve to Get Uniforms

The Army and Air Force Exchange Service (AAFES) has set up a temporary arrangement to allow all Guard and Reserve members to buy the Operational Camouflage Pattern (OCP) online at [ShopMyExchange.com](http://ShopMyExchange.com). Until now, Army Guard and Reserve personnel could only buy uniforms at brick-and-mortar military clothing stores, and there are restrictions on who can buy them and when. With this temporary exception, all Army Guard and Reserve members can buy uniforms at [ShopMyExchange.com](http://ShopMyExchange.com), regardless of rank or active-duty status. The Army is in transition to the OCP uniform, with all soldiers required to have them by October 2019.



# THE FUTURE OF VERTICAL LIFT

The next generation of vertical lift aircraft has arrived. Combining unparalleled agility with unmatched speed, range and payload, the Bell V-280 Valor is the solution for the U.S. Army's Future Vertical Lift requirement. Providing overmatch by making the warfighter more lethal at the decisive point of battle. So you'll never have a fair fight.



# Taking Care of Soldiers Through Recognition

This combined August -September issue of *ARMY AVIATION* Magazine always reminds me of the amazing breadth, depth and scope of the Army Aviation Enterprise.

The numerous pages of photos and listings of our Army Aviation leadership teams, officer, warrant officer and enlisted alike make it all so real when we look at the successes, the moves, the retirements and the recognition of so many of our members from the Army Aviation Family.

We are all about people, and our Branch is well represented by the outstanding women and men in this year-around desk reference. From acquisition and sustainment to training and warfighting and all components, you are all well represented in here somehow. Thank you for all you do every day for our Branch, for the Army and for the Country.

Our foundation and focus is based on the four pillars of AAAA; **Networking, Recognition, Voice and Support**. These four pillars actualize our AAAA mission statement, "Supporting the U.S. Army Aviation Soldier and Family." I want to talk a bit about the men and women in our formations and specifically about the "Recognition" pillar.

AAAA sponsors over 35 National awards ranging from our Annual Summit level, like the Soldier of the Year and Unit of the Year, to specific mission area awards like Flight Medic and Air Traffic Controller of the Year. The Recognition that these awards provide to our very best is a key part of leadership. It is the recognition of those in our ranks who have gone the extra step in excellence. Recognition of those in our ranks encourages others to go

the extra step and it is the responsibility of leadership throughout the Aviation Enterprise, to include our industry partners, to take the time to let the community know who the best of the best are. I could have told you about what you have told us in our surveys that recognition is one of the most important aspects of why you belong to the AAAA but this is about leaders taking care of those in their charge. That said, there is a process to arriving at the voting of these files by the AAAA Awards Board.

The process begins with a nomination packet. Over the last few years, we at the national office have seen a steady decline in the number of nomination packets for each award. The awards board does not have a magic vision device to see into your formations and automatically determine who is going above and beyond and deserves an award. As leaders and peers you **MUST** take the time to recognize your brother and sister Soldiers.

I have been told how the 160th SOAR always wins and my response is simple – "you have to compete to win." The 160th Special Operations Aviation Regiment (Airborne) does an outstanding and consistent job in preparing and submitting nomination packets. There is literally not a single national award for which the Night Stalkers do not generate at least one packet and in some cases multiple packets. The simple fact is statistics say that your odds increase with the number of quality nominations. The 160th SOAR is a great unit but so are the rest of you!



ART PHOTO BY MUELLER

Recently, I had to extend a deadline for a couple awards because there were so few nominations. Thankfully a good number of additional nominations did come in as a result. But I have to say it is a bit discouraging that we as leaders are not taking the time to take care of their people through this recognition opportunity.

I get out to our chapters. I see the outstanding Soldiers in your units. And I hear the amazing stories of their accomplishments when I visit you. Why am I not seeing them nominated when it comes to awards time?

Yes, it takes some time and effort but again, we are all about people. We can all do better. Please look ahead now to the eleven national awards to be presented at the April 2019 Summit in Nashville. The nomination forms are on the website homepage ([www.quad-a.org](http://www.quad-a.org)), under the Awards tab. Surely we all know of a USAR unit, a crew chief, an enlisted soldier, an NCO, etc. who should be recognized. Let's all resolve to see someone we know nominated for each of these awards. AAAA national headquarters and your national executive board stand ready to assist in this effort.

We are a family but sometimes we need to make an effort to show how much we actually care.

Above the Best!

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



***THE VALUE OF  
ADAPTABILITY  
IN THE DAWN OF  
MODERN NEEDS.***

Planning for the long run is the only way to stay ahead of future threats. Northrop Grumman's integrated, open architecture mission solutions provide the fleet with capabilities that evolve at the speed of innovation—all while preserving platform investments. With our flexible plug & play capabilities, our customers benefit from the most efficient solution over a program's life cycle. *That's why we're a leader in proven, forward-thinking, modular solutions.*

***THE VALUE OF PERFORMANCE.***

***NORTHROP GRUMMAN***

[www.northropgrumman.com/armyavionics](http://www.northropgrumman.com/armyavionics)





## ▶ Director of Army Aviation Update

*Editor's Note: For this issue, the branch chief, MG William K. Gayler, has coordinated having the director of Army Aviation, BG David J. Francis, and his directorate standardization officer provide the lead, "To the Field," command group articles.*

# Information, Context and Speed

By BG David J. Francis

A more lethal, resilient, and rapidly innovating Joint Force, combined with a robust constellation of allies and partners, will sustain American influence and ensure favorable balances of power that safeguard the free and open international order.

*2018 National Defense Strategy*



U.S. ARMY PHOTO BY SGT TIMOTHY HANLIN, 2D CAVALRY REGIMENT

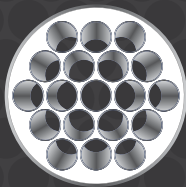
Soldiers assigned to Nemesis Troop, 4th Squadron, 2d Cavalry Regiment board CH-47 Chinooks during a joint operation with a rotational combat aviation brigade unit at the Hohenfels Training Area, Germany, July 12, 2018.

Army Aviation is the largest, most well trained force of its kind that provides an asymmetric capability to the Joint Force at a scale that no adversary can match. The leaders and Soldiers of our branch continue to demonstrate that capability to commanders on the ground around the world every day. They accomplished this while engaged in continuous combat for the last 17 years, simultaneously executing the largest transformation in recent history, and while modernizing the fleet across all components (COMPOs). While 83% committed, we continue to build

readiness for Large Scale Combat Operations, and the synchronization of our deployment, fielding strategy, and modernization is critical to achieving the lethality required of future warfare.

As a part of the Aviation Enterprise representing the Army G-3/5/7, DAMO-AV supports the vision of the branch chief by providing information, context and speed to senior leadership across the Army Staff, Department of Defense, the interagency community, Congress, industry, and the media. DAMO-AV coordinates across all facets and COMPOs of the aviation commu-

nity, to include the Army's major commands, service component commands, direct reporting units, and headquarters' staff sections to synchronize the continuous demands on our branch. Speed is of utmost importance; negotiations are influenced and decisions are made at a swift pace across our nation's senior leadership. Whether on the Hill defending Army aviation decisions, answering audit requests, engaging senior military leadership or publishing execution orders that affect change throughout the Army and our branch, DAMO-AV is routinely called upon to provide infor-



# ARNOLD DEFENSE

PROTECTING THE MODERN WARFIGHTER

## THE LATEST GENERATION OF LIGHTWEIGHT, MULTI-MISSION, SMART ROCKET LAUNCHERS FOR LAND, SEA, AND AIR PLATFORMS



FLETCHER – LASER GUIDED  
WEAPON SYSTEM



LWL12 – 12-ROUND  
LIGHTWEIGHT LAUNCHER



Arnold Defense has delivered over 1 million 2.75"/70mm rocket launchers for both US and worldwide forces. Our innovation, integrity and dedication produce the world's finest rocket launchers.

[ARNOLDDEFENSE.COM](http://ARNOLDDEFENSE.COM)

mation, context, and speed on behalf of the G-3/5/7 and aviation enterprise.

As a key maneuver element of the Joint Force, the demand signal for Army Aviation is as strong as ever, even as we develop the military of

continue to increase the lethality of the force and steward the resources provided by the American people. The ability of our organization to synchronize these efforts for our branch, communicate a succinct path

requires continual communication and detailed coordination with all entities of the aviation branch. Two venues where DAMO-AV facilitates synchronization across the branch are the Aviation Enterprise Synchronization Model (AESM) and the Quarterly Aviation Synchronization Meeting (QASM). The AESM was designed to accommodate the flow of information and establish an executive committee to facilitate major decisions affecting our branch. QASM brings together representatives from across the AESM and force providers, to discuss and synchronize efforts across the branch, with focus on modernization efforts, fielding plans, force structure, operational plans, unit readiness, and general aviation issues/topics as necessary, and nominates topics and solutions for the general officer approval. Both the AESM and QASM enable HQDA to draw from expertise around the branch, develop effective plans, and gain general officer approval on critical decisions, and this synchronization is of paramount importance as we modernize the fleet for the future. Integrating our teammates on the Future Vertical Lift (FVL) Cross Functional Team (CFT) into the broader aviation enterprise will ensure that the branch speaks with one voice as we lay the foundation for the next generation of aviation systems. Our synchronization through these and other venues is essential to enabling the information, context, and speed that we transmit up and outward.

The new DAMO-AV team is up and running after the summer transition, and we are fortunate to welcome a number of new members to the team – COL Phil Ryan as the Deputy, COL Whitney Gardner as the chief of Force Analysis and CW5 Jon Koziol as the Chief of Standardization. We remain at the service of the branch and the Army, and look forward to working with our Aviation teammates on the challenges ahead to continue to provide our ground force commanders the very best Aviation force in the world!

**Above The Best!**

*BG David J. Francis is the director of aviation in the office of the deputy chief of staff G-3/5/7 of the U.S. Army in Washington, D.C.*

**Born from a Legacy of Mission-Proven Performance**

The **DC ONE-XM**...made for the military cockpit. Outstanding comfort features combine with advanced Hybrid Electronic Noise Cancelling technology on a rugged, yet lightweight alloy suspension—just 12.3 ounces. It's the new standard of excellence in a long line of mission-proven, military aviation headsets from David Clark. Visit [www.davidclark.com](http://www.davidclark.com) or call **800-298-6235** to find out more.

**DC ONE-XM**

HYBRID ENC

David Clark

WWW.DAVIDCLARK.COM

An Employee Owned American Company

the future and our concepts of joint warfare. Regardless of the increased commitment – readiness, personnel, policy, modernization and leader development challenges continue to be focal points for our Army as we

forward to senior leadership, and act decisively, will ensure the most coherent plans, policies, and utilization of our resources across the enterprise.

DAMO-AV conveys Aviation equities to multiple audiences, which

# REACH



**CAFS**  
CONFORMAL AUXILIARY  
FUEL SYSTEM

INSTALLATION OR  
REMOVAL TIME



USABLE FUEL PER TANK



For more than 40 years,  
the U.S. Army has trusted Robertson for helicopter fuel  
systems with uncompromising safety performance.  
Robertson continues its long standing support and  
history of *Extending The Reach Of Freedom.*

**ROBERTSON**  
FUEL SYSTEMS  
A PERKINS COMPANY

480.337.7050 | robertsonfuelsystems.com



## ▶ DAMO-AV Standardization Officer Update

# Sharing the Crowded Skies: The Integration & Synchronization of Manned and Unmanned Army Aircraft

By CW5 Jonathan P. Koziol



U.S. ARMY PHOTO BY CAPT RACHAEL LEFFORD, U.S. ARMY

Viper 6 is an Air Mission Commander for his company of AH-64E Apache helicopters, which are 30 seconds from crossing the forward line of troops (FLOT), executing a deliberate attack on an enemy armor formation.

Soldiers assigned to Delta Company, 25th Aviation Regiment, 25th Combat Aviation Brigade, prepare an MQ-1C Gray Eagle unmanned aerial system for its first flight from Schofield Barracks, July 6. The Gray Eagle conducted an orientation flight in support of the U.S. Army's Multi Domain Task Force Pilot Program (MDTF-PP) as the unit supports the Rim of the Pacific (RIMPAC) exercise.

They have transitioned to tree top level when flight lead, Viper 11, has just reported severe vibrations in his pedals and believes something has struck the tail rotor. Unbeknownst to the company, a friendly unmanned system has hit Viper 11. This split second encounter has just created numerous issues for Viper 6 and the rest of the flight. The flight must continue due to the timed jamming and suppression of enemy air defense. Can they still accomplish the mission? Viper 11 will have to land

the aircraft. Are they close enough to friendly troops? What can we do in our training and policy management to prevent this between our systems?

The answer to that last question begins at Headquarters, Department of the Army Management Office – Aviation (DAMO-AV). The team of Army aviation experts within DAMO-AV exists to identify issues affecting the branch, work within the enterprise to develop solutions, and advise senior military leadership and elected officials

on the path forward. One of my roles as the DAMO-AV Standardization Officer is the management and revision of Army Regulation (AR) 95-1 Flight Regulations. This document stands as the cornerstone to the synchronization of policy and procedures across both the manned and unmanned domains.

### **Proliferation of UAS**

Military unmanned aerial systems (UAS) have grown in quantity, capability, and complexity from the



**Gray Eagle ER**



# EXTENDING THE EDGE NETWORKING THE FORCE

[ga-asi.com](http://ga-asi.com)

©2018 GENERAL ATOMICS AERONAUTICAL SYSTEMS, INC.

 **GENERAL ATOMICS  
AERONAUTICAL**

**Leading The Situational Awareness Revolution**



**SAVING LIVES SINCE 1981**

**STILL OUR BEST SELLING PRODUCT  
SKED® CONTINUES TO SAVE LIVES**



**\*\*EQUIPPED WITH  
COBRA BUCKLES FOR  
RAPID PATIENT PACKAGING**



**SKEDCO® PJ SKED  
(SK215C)**

**"LIGHTER  
FASTER  
EASIER TO CARRY"**



**UNIVERSAL LITTER  
TIE-DOWN STRAPS™**

**NSN: 6530-01-530-3860**

**PATIENT LITTER STRAPS**

**NSN: 6530-01-536-4145**



**The only Litter Tie-Down Strap  
with Airworthiness Release  
(AWR 1330), 3000lb MBS.  
Patient Litter Strap, 5000lb.**

**WWW.SKEDCO.COM  
800-770-7533**



original RQ-5 Hunter to the multiple programs of record we have today. UAS provides maneuver units an incredible capability to see through the 'fog' of war and gain increased clarification on enemy disposition and the pace of operations. Within the services, there is a push to get this capability down to the lowest level possible, which has led to the creation of the Soldier Borne Sensor (SBS). These systems are hand held, lightweight, operated at the squad level, and restricted to an altitude of 100ft above ground level (AGL). With the proliferation of systems such as SBS, there exists an increased need to share airspace between both manned and unmanned systems.

Army aviation must prepare for decisive action, against a near peer threat. This training focus has caused Army aviators to assess rotary wing employment techniques and return to training at lower altitudes to increase survivability against surface to air threats. Congested airspace at this level is inevitable with both mission planning and coordination being paramount for successful mission execution.

Within recent years, North America has witnessed the proliferation of civilian UAS operating at these same low altitudes within national airspace. Federal Aviation Regulations (FAR) part 107, states that civilian unmanned aircraft weighing as much as 55 pounds can operate up to 400 ft. AGL in uncontrolled airspace. For the most part, they should not affect our operations in uncontrolled airspace since we remain above 500 ft. AGL, but operators of these systems can also request waivers to those restrictions. Whether flying on a military installation, or off the reservation in uncontrolled airspace, we must be cognizant of the potential for increased hazards and mitigate these risks to the best of our ability.

### UAS Under IFR

Another convergent point between manned and unmanned aviation exists within controlled airspace, under Instrument Flight Rules (IFR) conditions. The MQ-1C Gray Eagle UAS community has been consistently incorporating IFR flight into training and execution. Training teams at Fort Huachuca, Arizona have developed courses directed at training our 15W UAS operators to be IFR qualified. This effort was key in proving the

unmanned IFR concept, which resulted in a Memorandum of Agreement with the Federal Aviation Administration, authorizing the Gray Eagle to transition from restricted airspace into Class A airspace, and back, without requiring a manned chase aircraft. These processes are the groundwork for future UAS operations in the national airspace, and are paramount to increasing Gray Eagle training opportunities. With the IFR qualification of our UAS operators comes the need to train instructor operators (IO) to evaluate the instrument tasks. Until we get the majority of the IOs qualified, we will more than likely see rotary or fixed wing instrument evaluators being required to evaluate these tasks. We anticipate that civilian entities will be looking to operate in a similar fashion as the use of UAS increases across industry and law enforcement.

The Army Aviation enterprise still has a lot of uncharted territory concerning the integration of future manned and unmanned systems. The Army continues to procure improved systems of various sizes and capabilities. Advancements in endurance, speed, optics, size, and munitions will drive changes in management, standardization and training requirements while still giving the commander in the field the greatest flexibility to operate these systems. For these reasons, it is important that the latest version of AR 95-1 has incorporated AR 95-23 and is the one source document for all Army aviation systems to ensure we have proper procedures in place to share the airspace effectively. In my role as the Aviation Standardization Officer for HQDA, I look to identify the friction points early, and deliberately incorporate changes into this living document to enable the most realistic and safe flight possible for our aviators across the force.

Thank you for all you do in defense of our nation and to support the Soldier on the ground. Above the Best!

*CW5 Jonathan P. Koziol is the standardization officer of the Aviation Directorate of the office of the deputy chief of staff G-3/5/7, U.S. Army in Washington, D.C.*





# STRATA-G

*solutions, inc*<sup>®</sup>

## ENGINEERING SOLUTIONS MANUFACTURING RESULTS

### STRATA-G WEST PROTOTYPE & MANUFACTURING FACILITY – KEEPING YOU MISSION READY

From Engineering and Prototyping to Manufacturing and Integration, Strata-G Provides the Highest Quality Products and Technical Solutions. With our recent acquisition of WestWind Technologies, Inc., our new state of the art **Strata-G West Prototype & Manufacturing Facility** is strategically located near Huntsville International Airport and provides a true Quick Reaction Turn-key Solutions capability. Strata-G is Transforming Technology and Delivering Excellence.



Ms. Beth Whitaker  
President, CEO

[www.stratag-inc.com](http://www.stratag-inc.com)

4901 Gilmer Drive, Huntsville, AL 35805 (Hqtrs/Engineering)  
2903 Wall Triana Blvd, Huntsville, AL 35824 (Strata-G West)  
(256) 713-0482 sales@stratag-inc.com

A Woman Owned, Native American Indian  
& Minority Owned Small Business

ISO 9001 | AS9100 | AS9110





# The Platoon Sergeant (Leader)

By CSM Brian N. Hauke



U.S. ARMY PHOTO BY CHARLES ROSENKIND

**B**LUF [bottom line up front] – Our platoon sergeants must get back out on the flight line and hangar floors, becoming the professional maintenance experts again by getting their hands greasy while teaching aviation maintenance, and coaching and mentoring our aviation Soldiers.

## How Did We Get Here?

For this issue, I've decided to share some of my thoughts with our platoon sergeants, both the sergeants first class and the staff sergeants who are stepping up. Army Aviation maintenance is a primary focus of the aviation commander, as it drives the availability of operational aircraft that can be used in support of the ground maneuver commander's operational requirements (FM 3-04). Would it not stand to reason, as platoon sergeants within our branch that aviation maintenance should also be a primary focus of yours as well? At this point, I don't know if this is in fact the case with our

platoon sergeants today. Ask yourselves, "Is aircraft maintenance your number one priority?" If not, why? Now before you answer that question, I want to acknowledge a couple of things. First, the operational environment is vastly different than what I had to contend with as a platoon sergeant from 2000 – 2004. What I mean by this, in some cases, you are required to do more than I ever had to do when I was at your level. This isn't to say I wasn't busy, just that I may have not had some of the additional distractors; email, SSD, college, etc. Platoon sergeants today are grappling with a multitude of tasks, including mainte-

U.S. Soldiers assigned to Task Force Viper 1st Battalion, 3rd Aviation Regiment, 12th Combat Aviation Brigade conduct maintenance on an AH-64 Apache helicopter during Saber Strike 18 at Bemowo Piskie Training Area in Orzysz, Poland, June 14, 2018.

nance, as you de-conflict and prioritize a day's worth of requirements. Secondly, as leaders, we may have not done you any favors since 9/11. Many, if not all, have joined our Army following 9/11, and subsequently have not been taught how to manage aviation maintenance. The counterinsurgency (COIN) operating environment, force manning levels (FML) constraints and the "launch/recover/launch" requirement placed upon our units, subsequently, forced an over reliance on contract maintenance. Additionally, the Army Force Generation (ARFORGEN) cycle was also a detriment to our maintainers. It created a gap in maintenance management proficiency because the focus was on preparing for the next deployment, versus focusing on



# See what the rest are missing

Our solutions detect and defeat the threats that most systems miss. Using a layered detection and countermeasure defense, we protect the aircraft so that you can focus on your mission.

## Join us

We're looking for talented people to join our team.  
Learn more at: [jobs.baesystems.com](https://jobs.baesystems.com)

[baesystems.com/threat-management](https://baesystems.com/threat-management)

**BAE SYSTEMS**

## ▶ Enlisted Aviation Soldier Spotlight

Each month we will feature a past AAAA National or Functional Enlisted or NCO Award winner as part of our ongoing recognition of the Best of the Best in our Aviation Branch. The CY 2017 National winners were featured in the April/May AAAA Annual Summit issue.



AAAFLE PHOTO

### Army Aviation DUSTOFF Flight Medic of the Year, 2015

Sponsored by Air Methods Corporation

## SGT Vitaly A. Tsaregorodtsev

**Company C, 6th Battalion, 101st Aviation Regiment  
Task Force Shadow**

SGT Vitaly A. Tsaregorodtsev serves as a Critical Care Flight Paramedic in support of Operation Freedom's Sentinel, Bagram Airfield, Afghanistan. He participated in all of the major events executed by his unit transporting and providing medical care to 35 critically injured patients on 54 separate medical evacuation missions (MEDEVAC), with over 140 combat flight hours, between March and August 2015. He excels at his duties providing appropriate medical treatment to many U.S. and coalition service members. His most notable achievement was on 7 August 2015, when he transported and expertly treated 6 critically injured patients in a high profile mass casualty in Northern Kabul. His timely and appropriate emergency medical treatment ensured the patients' survival and eased long term care for them. Although all MEDEVAC crews flew patients that night, SGT Tsaregorodtsev provided care for the most. He took control of the situation and guided his crew chief who was helping him treating casualties. His professionalism, dedication and willingness to do whatever necessary to preserve life serve as a heroic example of the ongoing Dedicated Unhesitating Service To Our Fighting Forces (DUSTOFF) legacy.

aircraft maintenance. The Reset, Train/Ready, and Available cycle prepared us to deploy, but did very little for us in the development of our core competencies.

Additionally, in many instances, the individual may have incurred a permanent change of station during the process, further exacerbating the dilemma. Now they are entering a new organization at a different point in the ARFORGEN cycle. At this point, the branch leaned heavily on our Warrant Officer Corps, specifically the maintenance test pilots, to fill the gap. By the way, they also had professional military education (PME) and a multitude of other requirements to get accomplished over the course of a "year" at home station. I believe this was in fact the turning point when we lost our professional maintenance expertise at the senior NCO level. As an example, I challenge you to attend a production control (PC) meeting. What level of NCO is present, representing their section, platoon, or company? In most cases, there will be a sergeant there to talk status, and if not the sergeant then our MTPs are there covering down; but no platoon sergeants.

### The Way Ahead

As stated in the BLUF, our branch must have platoon sergeants engaged

in every aspect of aviation maintenance. From the morning PC meeting, scheduling aircraft (tail numbers) for flights, the scheduled maintenance, the unscheduled maintenance and everything in between. The buck should stop with each of you... the platoon sergeant. From platoon sergeant up to and including my current position, I have always considered myself the senior enlisted maintainer at echelon; even though I may not be the most current maintainer in our branch when it comes to turning wrenches. It should be personally and extremely satisfying, and even motivating to subordinates, when their platoon sergeant leads from the front. Do the Branch, your Soldiers, and most importantly yourself a favor. Push away from the desk, the computer and get back out on the flight line. If our branch is going to continue to have the premier aviation maintainers in world, institutional training will only go so far... down at the unit is where the life-long learning happens and it is the platoon sergeant who gets after this technical training.

Aviation maintenance may not be the most important thing a Soldier does today... It is however the most important thing we do every day in our Branch!

Finally, with last month's release of the Department of the Army

Sergeant First Class list, I would like to congratulate the 350 Aviation staff sergeants selected for promotion. [Editor's Note: see list on page 133 of this issue] Your selection is evidence of your outstanding performance and commitment to being a true professional within our Noncommissioned Officer Corps. This selection also demonstrates the trust and confidence our Army has in your potential for continued service as we build a professional Army Aviation Branch of the future. All of you can be justifiably proud of this huge accomplishment in your career.

Again, my congratulations, and best wishes to all selected for promotion! I welcome all of you to the ranks of the senior noncommissioned officer, and look forward to seeing you out front in the future! Thank you to all our leaders across our branch who are out there every day "rowing hard" for Army Aviation.

Above the Best!

CSM Hauke

*brian.n.hauke.mil@mail.mil*

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

HIGH-ENERGY LASERS

BLAZING

AHEAD

Arming today's warfighters with tomorrow's weapons, Raytheon delivers high-energy lasers and combat-proven sensors in a single package. Now you can neutralize the most agile of threats with the most advanced laser defense system.

 [Raytheon.com/lasers](https://www.raytheon.com/lasers)



**Raytheon**



# Closing Out Summer Safely

By COL Christopher W. Waters

Summer represents increased risks to our Soldiers both on and off duty as a result of more intensive training, higher recreational activity, and the turmoil of the PCS season. Every year at this time, we see an increase in fatalities from preventable mishaps.

Additionally, while our Army has made tremendous strides over the last 10 years reducing mishaps and fatalities through Soldier discipline and leader diligence, our numbers over the last 18 months show a reversal of that positive trend. I urge all of you to step up your risk management efforts throughout the rest of the summer.

At the U.S. Army Combat Readiness Center, we conduct and review fatal mishap investigations and there is a common thread in most of them. Accidents occur when we fail to execute tasks to standard. For most every task, we have well-defined procedures and standards designed for the conditions in which we expect to operate. Failing to execute to standard makes even the most benign task more dangerous.

This is especially true in Army motor vehicle operations, where more than half of our on duty fatalities occur. (Note: A combat aviation brigade has more vehicle rolling stock than a brigade combat team). A recent fatal mishap at the National Training Center saw a Soldier crushed between a vehicle and a trailer while preparing to move; the Soldiers did not execute basic standards,



A U.S. Army National Guard Soldier provides safety and guidance at the Rail Operations Center at Fort Hood, Texas, as the equipment of the 449th Combat Aviation Brigade is loaded on the ramp Oct. 11, 2017.

no leaders were present, and the vehicle chocks and technical manuals were unopened in the trailer BII storage box.

There are fundamental reasons why we fail to follow standards – inexperienced Soldiers don't execute to standard, Soldiers are not trained to standard, leaders don't enforce the standard, or we fail to execute proper risk management. I challenge each and every one of you to emphasize the following:

**Standards and discipline.** Train to standard. Enforce the standard. When Soldiers train and execute to standard they are less likely to fall prey to hazards and risks. Don't let Soldiers execute a task for which they are not trained. Leaders must know the standards, and they must be present and actively supervising at the point of execution. Assign your most experienced Soldiers to the highest-risk operations, implement mitigation controls, and place leaders at the point of execution.

**Motor Vehicle Operations.** This is

the single-highest payoff focus area for leaders and Soldiers to prevent loss. Learn and implement the recently revised Army Regulation 600-55, The Army Driver and Operator Standardization Program; select and empower your Master Drivers; and emphasize your driver licensing and training programs. Demand use of the operator's manual and operating procedures for all motor vehicle operations.

The summer also represents the highest risk period for our Soldiers and families during off-duty activities, which account for an overwhelming majority of our total fatalities. Over the last five years, we've lost an average of 33 Soldiers in July, August and September to off-duty accidents. That is nearly a flight company's worth of readiness lost, often senselessly due to poor judgment and a wholesale absence of proactive risk management. A majority of all off-duty fatalities are a result of private motor vehicle mishaps, both four-wheeled ve-



# THIS IS PARKER

Army Aviation Support

*Equipment readiness  
should be the last thing  
on a soldier's mind.*

Photo courtesy of U.S. Army

Boots on the ground demand innovation in the air. That's why we partner with you to deliver the performance-based logistics, technology upgrades, and reliability improvement programs that will keep aircraft flying affordably and soldiers soldiering on. Call us at (949) 809-8100 or visit [www.parker.com/CSO](http://www.parker.com/CSO) to learn more.

**Parker** | Aerospace

ENGINEERING YOUR SUCCESS.

©2015 Parker Hannifin Corporation AAS-1-1

## A Quick Note on Aviation Operations

We have suffered seven Class A mishaps thus far in FY18. Of those, three occurred after landing during ground taxi operations where we literally drove the aircraft into fixed structures. All three instances share common causal factors: complacency, poor crew coordination, and failure to execute published procedures or tasks to standard. If you have not yet received the USACRC's "close-call" vignette based training, which highlights these and many other "near-miss" lessons learned, please contact MAJ Travis Easterling at [travis.j.easterling.mil@mail.mil](mailto:travis.j.easterling.mil@mail.mil) or DSN 312-558-2932. We will send a team to you to execute the training.

hicle and motorcycle accidents. (Note: Motorcycles are a disproportionate killer of our Soldiers: Leaders must know and mentor our motorcycle riders, and riders must adhere to the skills, judgment and behavior taught at our motorcycle safety courses). Just like on duty, motor vehicle operations off duty are the best point of emphasis to prevent loss. I cannot overstate the importance of risk management while driving or planning to drive.

This year, we have also lost Soldiers to drowning while kayaking, privately owned weapons discharges, pedestrian vehicle collisions, pedestrian with train

collisions (three total), weightlifting, snowboarding, and a household fire. As you would expect, many of these involved alcohol. Moreover, we have well surpassed off-duty fatalities to date compared to FY17. We must help our fellow Soldiers recognize and avoid the hazards that lead to these tragedies and instill a risk management mindset at all times, both on and off duty.

Consider the following:

**Manage off-duty activities the way we manage on-duty risks.** Inculcate risk management into everything you do. Every operation, every mission,

every day, every activity – identify, assess and mitigate the hazards and risks you expect to encounter in that endeavor. This will create a culture of risk awareness and risk management that preserves readiness.

**Leaders must focus on junior leaders.** While we all assume it's our youngest Soldiers who are at highest risk when off duty, the fact is that so far this year, more than 55 percent of our private motor vehicle fatalities have been sergeants and above. The leaders we expect to enforce standards across our formations are not doing so in their own off-duty activities. Mentor them and ensure they are setting the right example.

Check out the Off-Duty Safety Awareness Presentation on the US-ACRC website, <https://safety.army.mil/OFF-DUTY/Home-and-Family/Off-Duty-Safety-Awareness-Presentation-2018>. It is a comprehensive tool to help leaders and Soldiers think through and manage off-duty hazards.

Thank you in advance for your efforts.  
Readiness Through Safety!

---

*COL Christopher W. Waters is the deputy commander of the Combat Readiness Center at Fort Rucker, AL*



## Blind Fastener Installation Tool Specialists




Contract# GS-06F-0009L



FSRRK-568  
Blind Rivet & Blind Bolt  
Removal Kit  
NSN: 5130-01-670-1489



PT-4000  
NSN 5130-01-449-9225



D-180  
NSN 5120-01-430-5345



D-700C  
NSN 5120-01-397-6806

www.fsirivet.com



# METAL OF HONOR

IT TAKES ADVANCED MANUFACTURING SKILLS TO FULFILL TODAY'S MILITARY ROTORCRAFT REQUIREMENTS. AT PCX AEROSTRUCTURES, WE HOLD OURSELVES TO A HIGHER STANDARD. WHETHER IT'S FLIGHT CRITICAL COMPONENTS, COMPLEX SUB-ASSEMBLIES OR WORLDWIDE ROTORHEAD OVERHAUL & REPAIR SERVICES, CUSTOMERS REACH OUT TO US FOR QUALITY PRECISION MACHINING. SUPPORTING THE NEEDS OF ARMY AVIATION - CONSIDER IT OUR HIGHEST HONOR.



PCXAERO.COM



# Over the Horizon...In Army National Guard Aviation

By LTG Timothy J. Kadavy

As the Director of the Army National Guard (ARNG) and part of the formal line of communication between the Army, 54 States, Territories and District of Columbia it is my responsibility to ensure that accurate information is passed between the Department of the Army and the field.

Our relationship with the Army is strong and transparent – we are a Total Army in all ways. I have seen this through commitment and action, day-in and day-out. That includes Army Aviation.

Inherent to success is moving forward in a way that builds trust through effective communication of the unique capabilities and challenges we, the ARNG, bring to the table. Our unique capabilities and challenges are always articulated and considered before decisions are made, not after. While this is not always obvious to those in the field, I assure you the National Guard has a strong voice and the Department of the Army is listening.

Army Guard Aviation, as part of the Total Army Force, is focused on moving toward a more modernized force and operationally necessary role in meeting the challenges of today and the future. Critical to this progress and achieving balance is speaking with one voice. Guard Bureau must demonstrate to the States a commitment to represent them in all Aviation efforts. Collaboration is essential. Decisions will be made that we do not fully agree with, but you have to trust that we are always invited to and decisively engaged in the Army's decision making process. Our role is to provide the ARNG Aviation perspective. The Army, I believe, recognizes that ARNG Aviation, both well-balanced and modernized, can better fulfill our nation's needs in peacetime and war.

ARNG Aviation is well known for its effort in the warfight and here at home. Our operational utilization over the past 15 years has cemented our relevance to the Total Army Aviation Force. This is evident by ARNG Aviation providing 47% of the aircraft and 55% of the personnel in the U.S. Central Command's area of operations. Concurrently, in late 2017 we moved and cross leveled aviation capabilities across the country to support hurricane operations in Texas, Florida, Virgin Islands and Puerto Rico and to fight wildfires in the Northwest. Today, we are supporting Customs and Border Protection efforts with UH-72A equipped aviation battalions on the Southwest



LTG Kadavy, Director of the Army National Guard, presenting at the AAAA Summit in April.

Border. This type of effort is just not achievable without the full support of the Army and its leadership.

On the modernization horizon for Aviation is the CH-47F Block II and AH-64E aircraft fielding. Once again, we are involved in and actively participating in the development of these fielding plans. Army leadership is committed to applying a balanced Total Army approach to these pending fielding decisions. We will continue to advocate, with a positive, forward thinking voice, for a more balanced Aviation force which is in the best interest of the Total Army.

The Army (Active, Guard and Reserve) takes Aviation maintenance and safety very seriously. Each of us, as part of the Total Army, must commit to meeting Army standards for the good of the whole. Aviation maintenance and safety have our full attention!

The ARNG, with unique capabilities and capacity, has systematically fortified its standing as an operationally necessary part of the Total Army – which the Army is dependent on, today and in the future. Concurrently, Army National Guard Aviation has been modernized to an all-time high. I am the ARNG's day-to-day voice within the Department of the Army and make every effort to be informed by the "State's perspective" before providing my best military advice that serves both ARNG's interests and the Army as a whole.

I ask that we all commit to it as an Army National Guard. As an Army – the American people expect and deserve nothing less!

Citizen Soldiers – at the Ready!

*LTG Timothy J. Kadavy is the 22nd director of the Army National Guard.*



# *SAFER DUSTOFF INSTANT ON*

## **Clear Vision When You Need It Most**

For over 20 years, FLIR cameras have been helping the Army see under the toughest conditions around the world. With instant-on uncooled IR imaging, we give you the power to immediately improve situational awareness and mission execution so troops get back home safely. As the world leader in military-qualified multi-sensor systems, we're proud to be on your side.

To find out more about FLIR's complete airborne targeting and surveillance sensors, visit [flir.com/GOARMY](http://flir.com/GOARMY)



FLIR Talon MMS



## ▶ 128th Aviation Brigade Update

*This issue I have asked SSG Ronald Smith from the USAACE NCO Academy at Fort Eustis to provide insight into the Advanced Leaders Course that is taught here for all rotary wing aviation maintainers. Above the Best! COL Zampelli, Commander*

# A Fresh Look at How Army Aviation Grows the Force Through Continued Education

By SSG Ronald A. Smith

The Noncommissioned Officer Academy-Eustis (NCOA-E) Advanced Leaders Course (ALC) provides exceptional education within the NCO Professional Development System for Army Aviation rotary wing maintenance NCOs.

Although sergeants are experts within their fields, they are challenged both academically and physically throughout ALC.

### The Course

The first phase of Aviation Maintenance ALC is Common Aviation Maintenance (CAM). During CAM, NCOs develop familiarity with technical manuals common to the Aviation field like DA PAM 738-751, TM 1-1500-328-23, and TC 3-04.7. Refining technical manual research skills is critical to an NCO's success as a technical inspector in an operational aviation unit. Research abilities are tested through a series of examinations.

Upon successful completion of CAM, ALC students report to the technical "Track" phase where they receive military occupational specialty (MOS)-specific training deemed critical for their MOS skill level. Due to varying MOS-specific "critical tasks," the length of each technical track varies. While in Track, students are evaluated using written examinations and hands-on evaluations on their assigned aircraft or MOS-specific field. The Track phase encompasses a challenging academic structure to increase a Sergeant's ability to perform his or her job as a subject matter expert while performing duties as a quality control technical inspector, a platoon level production control NCO, or a maintenance/shop squad leader.

### Credentialing

While at ALC, many NCOs capitalize on the opportunity to obtain their Airframe and Powerplant (A&P) License. The A&P licensing process consists of three phases: written, oral, and practical (hands-on). Three topics are tested in all phases: General Aviation, Airframe, and Powerplant. The Fort Eustis Education Center and 128th Aviation Brigade both provide proctors for the written examinations at no cost to service members, easily saving service members about \$300. The oral and practical examinations with FAA Designated Maintenance Examiners (DME) are the only out-of-pocket cost. Even so, that cost is reimbursable through the Army A&P



USAACE NCOA ALC Students conduct peer to peer leadership training.

Program based out of 128th Aviation Brigade. The process of A&P certification is challenging but certainly achievable during an NCO's attendance at ALC.

### Skill Level Three

The sustained demand for Aviation Branch Skill Level Three NCOs across the operational force often results in manning shortages either in unit maintenance or quality control sections. To address this challenge, airframe specific MOSs (15T, 15U, 15R) receive an all-inclusive technical proficiency block of instruction in ALC that includes, but is not limited to: maintaining turbine engines (T700-GE-701D and T55-GA-714), swedging hydraulic lines, removing, installing, and inspecting rivets, and other equally critical back shop maintenance practices. The NCOA-E is making a much needed update to the way it educates students by arming all Skill Level Three Aviation Maintenance NCOs with the knowledge and skills required to fulfill responsibilities once only able to be assumed by specific MOSs. This effort broadens training and incorporates real world experiences by utilizing the Experiential Learning Model to provide current, relevant, and realistic training during ALC that directly addresses operational force requirements. Furthermore, the course will be designed to closely mirror the design of the FAA A&P Credentialing process. Through the Army's Credentialing Opportunities On-Line, this initiative further streamlines the process to obtain an FAA A&P License, inherently preparing Army Aviation maintenance leaders for job opportunities long after they complete their federal service obligations.

*SSG Ronald A. Smith is a Small Group Leader at the United States Army Aviation Center of Excellence Non-Commissioned Officers Academy Advanced Leaders Course at Fort Eustis, VA.*



**VT Miltope**

A company of VT Systems

*Service Elevated*

# PERFORMANCE ELEVATED

## EXTREME CONDITIONS DEMAND EXTREME SUPPORT.

At **VT Miltope**, our commitment to our customers and Soldiers runs deep. It's about more than our US built rugged, battle-tested computers. It's about standing with our customers and Soldiers in support of our products. That's why we're proud to announce On Point Protection, a new unprecedented warranty program.

**On Point Protection** includes an extended warranty, a 24/7 hotline, specialist intervention and custom technical solutions. On Point Protection is a sign of both our commitment to our customers and our confidence in our products.

We take pride in building computers that are rugged to the core, that can perform under the most challenging conditions: in the field, in the air and wherever our Soldiers need support.

In the event there's ever a problem, you have all of VT Miltope at your service. We'll never make excuses, we'll just make it right. That's what VT Miltope and On Point Protection are all about.



### ON POINT PROTECTION

**Our Entire Company Stands Behind You**

5 Year Warranty • 24/7 Hotline • Specialist Intervention • Custom Technical Solutions

# That's Going To Leave A Mark – Post Lightning Strike Inspection

By Mr. Travis Massa

The National Oceanic & Atmospheric Administration (NOAA) National Severe Storms Laboratory estimates that there are 16 million thunderstorms worldwide each year with 2,000 thunderstorms in progress at any given moment and 100,000 thunderstorms each year in the United States alone.

In the contiguous 48 states, an average of 20 million cloud-to-ground lightning flashes have been detected every year since the lightning detection network covered all of the continental US in 1989. With Army aviation units operating across the globe, the chances of encountering lightning are fairly high. Obviously flights into or around thunderstorms are often avoided by proper mission planning but aircraft parked out on the flight line cannot as easily avoid the storm.

So what happens when a parked aircraft gets hit by lightning? The short answer: it depends on the lightning intensity and path through the aircraft. A high intensity strike will likely result in major damage that is clearly visible while a low intensity strike may only produce minor or seemingly cosmetic damage that might even go unnoticed by aircrews or maintenance personnel. Fortunately, aircraft maintenance technical manuals (TMs) provide conditional inspections following a known or suspected lightning strike to the aircraft. The TM inspections typically start with visual inspections for obvious damage such as arcing, pitting, burns, erosion or other observable damage. Visual inspections are followed by more in depth inspections, repair or replacement of affected parts and operational checks to verify functionality of critical systems like avionics and flight controls.

While TM inspections provide a good baseline, the inspections mostly rely on the fact that the lightning strike has left some kind of mark or visible damage along its path that will help the crew or maintenance personnel identify suspect parts. When the lightning path is unknown, the use of a magnetic field indicator also known as a gauss meter or magnetometer can help track the path through the aircraft. What is a magnetometer? In the simplest terms, it is an instrument that measures magnetic field strength. A common unit of measure for magnetic field strength is the gauss; hence the term gauss meter. When the large current of the lightning flows through ferromagnetic materials in the aircraft (bolts, pins, bearings, et al.) those parts become magnetized. This residual magnetism can be detected by a magnetometer by simply placing the magnetometer in very close proximity to



H-60M tail rotor blade with lightning strike damage



Magnetic field indicator showing abnormally high magnetism on tail rotor drive shaft of H-60M which had confirmed lightning strike

the ferrous part and monitoring the readings. A reading of 2 gauss or less can be considered normal. A part that was magnetized by lightning will typically measure 8 gauss or more. Gauss measurements in the 3 to 7 range can be subjective as to the cause but it is common for rotating parts to build up a residual magnetism of this magnitude that is not associated with lightning. By moving from ferrous part to ferrous part, you can trace the lightning's path to ground through the aircraft which may branch off along multiple routes. Knowing where the lightning went can assist in identifying areas or parts that may require further inspection and which components may require replacement because they cannot be thoroughly inspected at your maintenance level.

This post lightning strike tracing technique was validated this past year on an H-60M Black Hawk that had damage on a tail rotor blade from an unknown source. The unit contacted their AMCOM Logistics Assistance Representative (LAR) and AED Liaison Engineer who used a magnetic field indicator to trace the suspected lightning strike through the aircraft. Based on the residual magnetism, the lightning entered the tail rotor blade and eventually exited through the main and tail landing gear tie downs. These findings led the unit to further inspect the aircraft resulting in the discovery of additional damage. A subsequent review of flight line security camera footage revealed that the lightning entered and exited the aircraft as determined by the magnetometer readings which further validated this technique.

Lastly, this technique of tracing the lightning path should only be used as a supplement and should never be used to supersede established TM inspections or requirements. If in doubt about the results of the TM post lightning inspection or the lightning path, contact your local AMCOM LAR for additional guidance.

*Mr. Travis Massa is an Aviation Engineering Directorate liaison engineer supporting the 160th Special Operations Aviation Regiment (Airborne) at Ft. Campbell, KY.*



# AECOM

Imagine it.  
Delivered.

## The Competitive Advantage for Global Aviation Sustainment and Operational Readiness

### TRAINING



### MAINTENANCE



### SUPPLY CHAIN



AECOM employees proudly serve the great men and women of Army Aviation. Our Instructor Pilots teach Army students fundamentals of rotary wing flight through instrument certification at Fort Rucker. Maintenance and sustainment specialists support units from home station to Afghanistan, and perform aircraft reset at Fort Campbell to depot-level repairs and overhaul at Corpus Christi Army Depot. When quality always matters...Imagine it delivered.



CH-47



UH-60



AH-64



TH-67



OH-58



LUH-1



MH-6



# Vasectomy

By CPT Jessica Warneke, D.O.

**Q.** My wife and I have been talking and we feel the size of our family is perfect. We discussed our options and we agreed I should get a vasectomy. What can I expect from the procedure?

**FS:** A vasectomy is minor surgery to block sperm from being released during sexual intercourse. After a vasectomy, the testes still make sperm, but they are absorbed by the body. Despite the possibility that a vasectomy can be reversed, the success rate for reversal is only 50 to 70 percent. I am glad to hear that you have had a serious discussion with your wife about the procedure, as this procedure is best viewed as a form of permanent sterility and is not a decision to be taken lightly. With regards to the serious thought that needs to be put into this decision, many physicians will spend a considerable amount of time not only discussing the risks, benefits, potential outcomes and how the procedure is performed, but they will also make sure you appreciate the potential permanency.

To understand the procedure, let's discuss the anatomy of the male reproductive system. Sperm is stored in the scrotum in a small organ on each testicle called the epididymis. Each epididymis is connected to the penis via a tube called the vas deferens. During ejaculation, the epididymis contracts and sends sperm into the penis to be released from the body. In order to keep the sperm from reaching the penis, the physician enters the scrotum, the sack of skin that holds your reproductive organs, and cuts or clamps each vas deferens. Using various techniques, the physician secures each vas deferens so that they should not be able to reconnect or reopen. Once the vas deferens are secured, the incision in the scrotum is closed and the procedure is complete.

The procedure will take about an hour and can be done under local anesthetic. Pain and swelling can be expected for around the first week. Pain medication, physical support of the area (as in the use of a jock strap or similar medical support), ice and rest are usually adequate measures to control the pain and swelling. There are a few other post-procedure complications that can occur such as a hematoma (blood clot), infection, pain and swelling in the epididymis due to sperm congestion, or post-vasectomy pain syndrome (PVPS). PVPS is prolonged pain following the procedure. PVPS can occur in 1-15% of cases and, most of the time, is due to chronic congestive epididymitis. In these cases, much of the treatment relies on anti-inflammatory use and warm baths. If these treatments do not help, a vasectomy reversal is often recommended and has a PVPS symptom relief rate of 70-82%. However, with today's procedure techniques and antibiotics, complications are rare. If you are concerned about possible complications make sure to discuss them with the physician performing the procedure or your flight surgeon.

A vasectomy is a relatively routine, straightforward procedure that can usually be done in an office setting. However, there may be a certain amount of apprehension on the day of the procedure. Your physician may give you the option of taking a medication that will help calm and relax you.

Following the procedure, you will typically be grounded for 1-2 weeks. However, this timeframe is dependent on numerous variables such as your flight

surgeon's recommendations, continued pain or discomfort, continued pain medication use, and if complications occurred during the procedure. Much of this will be discussed with your flight surgeon prior to and/or following the procedure.

For the first week following the procedure, sexual activity should be avoided. However, when sexual intercourse is reinitiated, a method of pregnancy prevention should be used for approximately three months. A follow-up is conducted around three months after the procedure in which an ejaculate sample is provided and checked for sperm content. In the three months leading up to the follow on testing you should have at least 20 ejaculations. This ensures that the vas deferens has been cleared of any sperm that remain. So, the bottom line is that the first three months following the procedure, sexual intercourse still has the possibility of causing pregnancy.

In summary, a vasectomy is a permanent procedure that prevents a man from being able to father any more children. The decision to have a vasectomy is something to consider seriously with one's partner because there is no guarantee that the procedure can be reversed. A vasectomy is a safe, routine procedure that is 98% effective at preventing pregnancy with relatively few prolonged side effects. Be sure to speak with your flight surgeon if you have questions or are interested in having this procedure.

Fly safe!

## Question for the Flight Surgeon?

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

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

---

*CPT (Dr.) Jessica Warneke is a flight surgeon at the U.S. Army School of Aviation Medicine, Fort Rucker, AL.*



# Preventive Maintenance Inspection

# HUPP KIT®

Hupp Aerospace / Defense - 1690 Summit Street, Ste. B - New Haven, IN 46774 - P. 260.748.8282

## Proven. Trusted. Reliable.

Now Available Through:

**GSA Envision Xpress**



### AH-64D Phase Maintenance

HKH64-0100	125-HR Kit
HKH64-0101	250-HR Kit
HKH64-0102	500 HR Kit



### CH-47F CSP Hupp Kits

HKH47-0100	200 HR CSP
HKH47-0101	400 HR CSP



### UH-60A/L PMI Hupp Kits

HADPMI-1	480-HR PMI-1 Kit
HADPMI-2	960-HR PMI-2 Kit

### AH-64E Phase Maintenance

HKH64E-0101	250-HR Kit
HKH64E-0102	500-HR Kit

### UH-60M PMI Hupp Kits

HKH60M-PMI1	480-HR PMI-1 Kit
HKH60M-PMI2	960-HR PMI-2 Kit

**HUPP KIT®**

Distributed by:

**ADS** OUR PURPOSE. YOUR MISSION.

**800.948.9433**  
**ADSINC.COM**

**Simplifying  
Maintenance!**

**HUPP**  
**AEROSPACE / DEFENSE**  
[www.HuppAerospace.com](http://www.HuppAerospace.com)

Contact us for a Catalog of all Available **HUPP KITS®** - [www.HuppAerospace.com](http://www.HuppAerospace.com)



## CCAD - Improving Warfighter Sustainability

By Quentin Johnson

For more than 56 years the Corpus Christi Army Depot (CCAD) has played a pivotal role in the support of our nation's warfighter through in-depth modification, repair and overhaul of rotary wing components and aircraft. CCAD is coupled with almost a dozen original equipment manufacturer (OEM), government, and educational partnerships providing the latest in technical, engineering and logistical services. Built on their vision "Mission First, People Always," CCAD has progressed from a mere 15-acre footprint to more than 150 acres and 2.6 million square feet of industrial space, while producing more than \$9 million in savings for each aircraft rebuilt.

This progress didn't come easy. In addition to economic setbacks and weather-related issues like Hurricane Harvey, CCAD artisans have pushed through to keep production levels high. Their fortitude coupled with advancements in technology, has led CCAD to its greatest achievements, thus far.

CCAD has implemented many initiatives, programs and technological tools in their production system to reach such achievements. These programs include the Logistics Modernization Program (LMP), Art of the Probable (AoP), the CCAD Campaign Plan, a kitting program with the Defense Logistics Agency (DLA), and modernized remanufacturing of multiple facilities.

### Modern Facilities

The largest CCAD facelift came from the completion of the Dynamic Component Repair Facility (DCRF) Phase I and the introduction of Phase II. This updated and customized



production facility sits at more than 100 thousand square feet, and currently delivers streamlined production for powertrain gearboxes and rotor heads. The DCRF is energy efficient, saving millions in electricity a year, and is rated to withstand extreme weather. Besides allowing employees (artisans) to follow their component from start to finish, another benefit of the DCRF is the Smart Transmission Test System (STTS). The STTS reduces the need for almost a dozen separate transmission test cell systems, and transportation of each transmission to another location, into one interchangeable test component.

Hangar 43 – specializing in aircraft assembly and electrical installation – was renovated, transforming it into a modern, state-of-the-art facility. The

energy efficient hangar has increased production capabilities, contains an advanced electrical and compressed air distribution system, a new fire alarm, and is compliant with all ADA requirements.

Complete conservation efforts are a priority when building or remodeling CCAD facilities. Examples include storm water sampling and metering stations are replaced, and continue to ensure discharge events meet regulatory requirements and do not impact local recreational activities. In fact, CCAD was awarded with FY16 and FY17 Army Materiel Command Environmental Pollution Prevention (P2) funding to upgrade the motor pool wash rack and Oil Water Separator. Additional environmental improvements include on-site air



**PROVEN  
TECHNOLOGY.  
LOWER  
RISK.**

ATEC's T900 engine materials offer lower risk than a comparable single spool engine, delivering trusted performance when it matters most.

[ATECAdvantage.com](http://ATECAdvantage.com)

A JOINT VENTURE OF

**Honeywell**



**Pratt & Whitney**  
A United Technologies Company

**ATEC** ADVANCED  
TURBINE ENGINE  
COMPANY



ALL PHOTOS: U.S. ARMY CCAD COURTESY/PHOTO

CCAD Dynamic Component Repair Facility (DCRF)

quality checks, reduced emissions, wastewater treatment processes, and an energy savings performance contract with projected savings of up to \$3 million per year.

**Modern Initiatives**

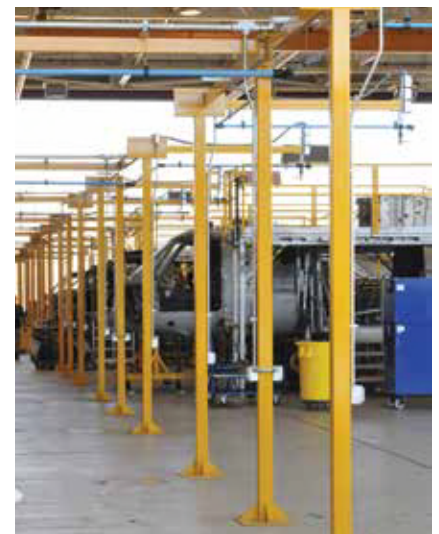
Like facilities modernization, CCAD has also implemented many modern initiatives and programs to keep production advancements at the forefront. The LMP model, which has been in use for many years, began to progress in 2015 when CCAD capitalized on its real benefits through an upgrade to LMP Increment 2 and a platform called the Complex Assembly Manufacturing System (CAMS). CAMS is an integral part of the overall

production and maintenance process. It complements LMP Increment 1 capabilities by integrating two separate systems comprised of data, tool and component tracking, along with material processing and routing, into one precise, paperless networking system. CAMS has alleviated data entry errors, increased transparency of production orders, improved data tracking response, and more than doubled the amount of users for better networking. Most importantly, CCAD now has the capability to forecast its production and material services more accurately up to a year out.

With a need for accurate forecasting, modernization of the supply system was another initiative put in place.

The partnership of CCAD and DLA has established a new kitting system to reduce constraint and create more efficiency. This system improves recapitalization efforts, specifically for the UH-60 Black Hawk helicopters, which has been the largest struggle in finding improvements for a streamlined process. Under the system, Pre-shop Analysis employees will no longer have to order complete component parts individually. Each of the 50 different kits will hold all parts for each section of the helicopter rebuild. Creating this new standard will cut down on forecasting needs, allow helicopters to be kitted without interruption from waiting on parts, and reduce multiple line numbers for each part to a single line number for each kit.

One of CCAD's newest initiatives is Art of the Probable (AoP). This



CCAD Hangar 43



CCAD DCRF Team

system was implemented to eliminate constraints within CCAD's overall aircraft production line. AoP is based on elements such as the theory of constraints (TOC), Drum Buffer Rope (DBR), Toyota Kata, Lean Six Sigma and other methodologies designed to find constraints and excess resources that disrupt the production process. The process has worked great for increasing throughput while showing gains in recapitalization efficiencies and effectiveness. CCAD's culture has shown significant change in speed, accuracy and quality.

Keeping in line with AoP, CCAD developed a Campaign Plan, based

off the Army Aviation and Missile Command's (AMCOM) campaign plan, focused on continuing lines of effort throughout each directorate. The aim behind the campaign plan is to peak CCAD proficiency to create readiness and sustainability for our present and future Army force. The efforts put forth by CCAD artisans ensure that our Soldiers are ready for the missions of today, as well as for the unforeseen conflicts of tomorrow.

### Future Initiatives

CCAD continues to look to the future of modernization and technological advancements with ongoing initiatives and programs. DCRF Phases II – IV are scheduled to last through fiscal year 2022. The completed expansion will add almost 1 million square feet to the already-built DCRF building. Additionally, the finished product will allow CCAD to produce almost a third more aircraft each year, save millions in energy and cut production costs and time.

Other future initiatives include a renovation of the Rotor Blade Shop. The 10,000 square-foot expanse will increase blade production, increase capacity for blade stock on hand, and cut energy costs. Likewise, the Aircraft Corrosion Control Facility is more than 77,000 square feet. This state-of-the-art building will provide aircraft and components parts cleaning as well as surface treatment and painting for Army, Air Force, and Navy rotor-wing aircraft. In addition it will reduce airborne particulate matter well below the U.S. Environmental Protection Agency and Texas Commission on Environmental Quality's mandated requirements. The building is also LEED (Leadership in Energy and Environmental Design) Silver compliant through the use of environmental-friendly building materials and processes during the construction phase.

As CCAD continues to move forward, production and capacity are only the beginning of the impact it will leave. CCAD's top priorities will always be support of the warfighter and its artisans.

*Mr. Quentin Johnson is the lead CCAD public affairs specialist located at Corpus Christi, TX.*

# COBHAM

## How to talk to First Responders

*Fires, floods, hurricanes, tornadoes,  
NSSE's—you're ready with  
RT-7000 and RT-5000*



### RT-7000 Panel Mount

- 29.7-960 MHz AM/FM P25
- Trunking: P25 Phase 1 & 2, SmartZone, SmartNet
- NSSE connectivity for 2 handheld radios



### RT-5000/C-5000 Remote Mount

- 29.7-960 MHz AM/FM
- P25 on all voice bands with conventional frequency control
- 10 watts power across all bands for increased distance & clarity



Cobham Aerospace Connectivity  
Tel: +1 (928) 708 1550

[www.cobham.com/prescott](http://www.cobham.com/prescott)  
[sales.prescott@cobham.com](mailto:sales.prescott@cobham.com)

# One System Remote Video Terminal – A Force Multiplier in Afghanistan

By MAJ Steven Seigler and CW3 Joel Gooch



The Multi-Directional Antenna System (MDAS) antenna placed on top of the TF Marauder TAC-CP building at contingency location Dwyer (DWY) in Afghanistan

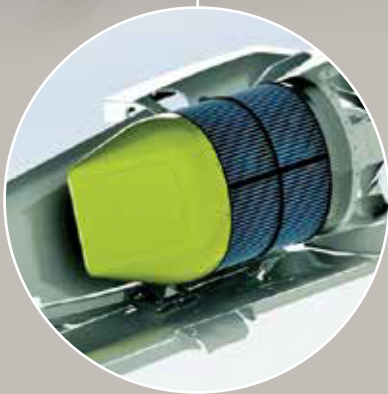
**1**st Battalion (Attack Reconnaissance), 151st Aviation Regiment is one of the four remaining reserve component ARBs assigned to the ARNG following the Aviation Restructuring Initiative. The unit has established its reputation for performances during Operations Iraqi Freedom (04/05), New Dawn/Spartan Shield (11/12) and Freedom's Sentinel (OFS) (17/18), as well as training and maintaining the only AH-64D deck landing-qualified pilots in the Army, among other accomplishments.

1-151st ARB served as Task Force (TF) Marauder during OFS by combining units from 4 ARNG states and the active component. All AH units were organic to the battalion, conducting split based operations from Kandahar Airfield (KAF) and contingency location Dwyer (DWY) in southern Afghanistan. The TF provided hasty attack, reconnaissance and security support, as well as air assault, heavy and medium lift support to both coalition (partnered w/Afghan forces) and enabled Afghan (unpartnered/unaccompanied) elements. TF MEDEVAC support was reserved for partnered Afghan National Defense and Security Force (ANDSF) and coalition forces only. In general, during the more than 10,000 flight hours executed by the task force, multiple engagements with each of the AH-64's weapon systems were directly enabled by the use of OSRVT footage in the command posts of supported units.

## Using the System

TF Marauder primarily supported three distinct entities in southern Afghanistan during their 2017/2018 rotation, Train, Advise, Assist Command-South (TAAC-S), Advise and Assist Command Task Force Southwest (AAC/TF SW) and NATO Special Operations Combat Command-Afghanistan (NSOCC-A). Operations in support of TF SW were primarily in the rapid response/quick reaction force (QRF) role for attack weapons teams (AWTs) as such the ability to view the AH-64D sensor remotely was critical to the target engagement authority (TEA) approving strikes on enemy forces operating in Helmand Province. Such missions were primarily in support of unaccompanied Afghan forces, meaning no coalition ground force commander with TEA was present with them. Before TF Marauder's implementation of OSRVT to view Target Acquisition and Designation System (TADS) footage, TEAs relied heavily on other manned and unmanned full motion video (FMV) feeds to confirm targets, collateral damage and other parts of the rules of engagement (ROE) required "6 pillars" in order to clear AWT fires. The ability of the AWT sensor to be viewed by the TEA remotely through OSRVT, created an easy link between the approval authority and the aircrew, cutting the time from identification of hostile intent to strike approval to mere minutes. This alone allowed more strikes and fewer in-

**FIELD TESTED.  
MISSION READY.**



*Designed to not only protect the engine but also extend the time between maintenance cycles, this next generation EIBF stands ready to increase your **MISSION READINESS RATES** today!*

## **NEX//GEN**

### **ENGINE INLET BARRIER FILTER**

Designed, tested and fielded for H-60/S-70 Aircraft Variants. Aerometals next generation EIBF Design incorporates all the lessons learned from legacy designs, along with years of testing to create the most efficient EIBF product on the market today.

Contact us to learn more.

**AEROMETALS.AERO / 916.939.6888**



U.S. ARMY PHOTO BY CW3 WILLIAM R. GARESON

An AH-64D from A/1-151st ARB taxis for take-off at contingency location Dwyer (DWY), Afghanistan.

stances of loss of target fidelity in the heartland of the Taliban during this period. Through the course of the deployment, changes to ROE for OFS granted more autonomy to AH-64 crews and their sensors, allowing for single point target identification without manned or unmanned aerial system (UAS) FMV being required.

Currently most FMV sensors are broadcast across the SIPRNET via web applications, which are accessible to a variety of supported units which lack more sophisticated equipment such as the OSRVT. Stand-alone systems like Digital Video Broadcast Return Channel via Satellite (DVBRC) is also employed by units so equipped to gain access to satellite link feeds directly, such systems not being subject to terrain or distance limitations like line of sight systems. Given the relatively flat terrain of Helmand and the requirements to operate within the MEDEVAC response ring, the TF Marauder tactical command post (TAC-CP) at DWY was always within operational range of the aircrews when operating. By conducting proper coordination, TF Marauder West at DWY was able to add their OSRVT feed to a dedicated URL through a commercial media player on a SIPRNET computer. This ensured that supported units and TEAs could view the real-time feeds from any location while speaking directly to the air mission commanders (AMCs) to develop the situation and eventually approve strikes.

This effort bridged the capability gap between other fires platforms such as F-16 and A-10, and traditional manned and unmanned intelligence, surveillance, reconnaissance (ISR) which have long broadcast their feeds for easy viewing. Further, AH-64s are not subject to many of the restrictions and limitations encountered by higher flying ISR and Fires platforms as mentioned. The MQ-1 Gray Eagle and MQ-9 Reaper require high ceilings in order to operate and view target areas, they also have more restrictive wind envelopes and higher approval levels for employment or re-tasking their sensors. AH-64s can operate with ceilings and visibility below the coordination level for fixed wing (FW) traffic, and are usually in direct support to the ground force commander (GFC) for rapid re-tasking and employment of fires. The critical link that was long missing was the ability to transmit and receive AH-64 sensor feeds across great distance. Couple the ability to view TADS video with the ability to communicate with the pilots via SATCOM voice and Blue Force Tracking (BFT) messaging, and the need for communi-

cations relay or ISR feeds is removed.

While the mountainous terrain of Northern Kandahar and other locations in TAAC-S restricted this type of use in those areas, the AAG capability still proved quite useful when ground units were equipped with ROVER capabilities in remote areas, whether or not an OSRVT was present. Further, the higher percentage of partnered operations in Kandahar, versus the unpartnered (enabled) operations in Helmand made the remote TEA requirement less critical, as U.S. joint tactical air controllers (JTACs) and GFCs were able to grant that authority from the objective area.

### Fully Leveraging System Capabilities

Simply viewing real time full motion video from the platforms is often not enough for TEAs. The JTACs at TF SW could easily conduct talk-ons, store targets and increase situational awareness for the TEA by using the full functionality, however, remotely viewing the feed removed the target store capability and other features. Still, in CPs remotely viewing the feed, operations personnel were able to both record video and grab screen captures that aided in intelligence analysis, and storyboard production. This further enhanced the value of viewing the TADS feed, reducing the time between capture and analysis, which was usually limited to recorded video downloads following mission debriefs.

### The Future

Increased situational awareness for the commander is one of the key enabling tasks for an ARB; not only for the ARB commander, but the supported ground force commander. Reconnaissance and security operations in many different operations, both decisive action and contingency, will benefit from the ability of units to properly setup, troubleshoot and use the OSRVT. Despite stated limitations, in most cases, the OSRVT was not limited severely in flat terrain, often keeping links at distances of more than twice the briefed ranges. However, increased range for the Multi-Directional Antenna System (MDAS) antenna and additional improvements in the air to air to ground (AAG) systems for the AH-64 fleet are sure to come in the future, and they will only enhance the ability to coordinate complex strikes during even deep operations. The limitations encountered by units using the OSRVT and AAG systems in mountainous terrain can only be overcome by system changes that include beyond line of sight capability such as KU band repeaters on UAS Communication Relay Package (CRP), or ability to transmit feed over SATLINK.

Units must continue to seek innovative ways to increase the situational awareness of the commander through developing the complete common operating picture within their command posts. In the meantime, the OSRVT is absolutely essential to creating the ideal common operating picture (COP) for ARB and multifunctional task force commanders – TF Marauder's success is testament to that. For additional information on configuring OSRVT for increased capability be on the lookout for these settings to be added to Apache University in the near future.

---

*MAJ Steven Seigler is the operations officer for 1-151st Attack Reconnaissance Battalion and CW3 Joel Gooch is the senior IP/IE for Company A, 1-151st ARB, South Carolina Army National Guard, at McEntire Joint National Guard Base, Eastover, SC.*



# THE WORLD'S EVOLVING THREATS **HAVE MET THEIR MATCH.**



© photo Anthony PECCHI

## **AS YOUR MISSIONS EVOLVE, SO DOES OUR TECHNOLOGY.**

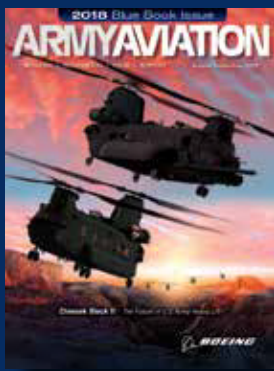
Threats are evolving. Missions are longer, more complex and need to be executed faster. More is expected of you and your crew each and every time you fly.

L3's technology is evolving to meet these threats. Delivering robust performance and ease-of-use, L3 WESCAM's newly launched portfolio of mission-critical technologies within our MX™ airborne systems enables operators to see more, operate easier and analyze with confidence. Evolving threats around the world have met their match. [WESCAM.com/New-Tech](http://WESCAM.com/New-Tech)



**Technologies**

**L3T.COM**



# ARMY AVIATION

## 2018 Blue Book Directory

Thanks to the hundreds of units and offices that responded to this year's request for information and to each activity listed. This directory of Army aviation units, organizations, offices and key personnel includes information from both the Active and Reserve components, principally at the battalion level and above, and by key supporting organizations. All information is presented in alphabetical state order by city and installations, then by U.S. territories, followed by overseas regions and countries.

Organizations that did not provide input in 2018 or who did not follow published requirements are noted as “\*Update Not Provided This Year.” Additionally, for units and organizations that have not updated their data since 2015, key personnel names, personal email listings and photos have been deleted due to likelihood of personnel turnover.

For future updates, please contact [bluebook@quad-a.org](mailto:bluebook@quad-a.org) or hard copy to ARMY AVIATION, 593 Main Street, Monroe, CT 06468-2806; call (203) 268-2450 or fax (203) 268-5870.

*Joe Pisano/Editor*

I Corps, G3 Aviation.....	100	The Army Avn. Bde. (TAAB).....	98	1st Bn., 189th Avn. Regt.....	85
III Corps, G3 Air.....	95	59th Avn. Trp. Cmd.....	92	1st Bn., 207th Avn. Regt.....	64
XVIII Airborne Corps.....	88	78th Avn. Trp. Cmd.....	75	1st Bn., 210th Avn. Regt.....	99
XVIII Airborne Corps G3 Aviation Office.....	88	96th Avn. Trp. Cmd.....	101	1st Bn., 211th Avn. Regt.....	98
1st Cav. Div.....	95	97th Avn. Trp. Cmd.....	98	1st Bn., 212th Avn. Regt.....	54
1st Cav. Div. G3 Avn.....	95	98th Avn. Trp. Cmd.....	68	1st Bn., 214th Avn. Regt.....	103
2nd Inf. Div.....	104	164th Theater Afld. Ops. Gp. (TAOG).....	56	1st Bn., 222nd Avn. Regt.....	99
4th Inf. Div. G3 Air.....	70	204th Theater Afld. Ops. Gp. (TAOG).....	81	1st Bn., 223rd Avn. Regt.....	54
7th Inf. Div.....	100	772nd Avn. Trp. Cmd.....	102	1st Bn., 224th Avn. Regt.....	82
28th Inf. Div.....	92	1st Theater Sustainment Command.....	88	1st Bn., 227th Avn. Regt.....	95
35th Inf. Div.....	77	1100th Theater Avn. Sustain. Maint. Gp. (TASMG)....	82	1st Bn., 228th Avn. Regt.....	103
38th Inf. Div.....	76	1106th Theater Avn. Sustain. Maint. Gp. (TASMG)....	69	1st Bn., 229th Avn. Regt.....	100
42nd Inf. Div.....	88	1107th Theater Avn. Sustain. Maint. Gp. (TASMG)....	85	1st Bn., 244th Avn. Regt.....	81
82nd Abn. Div.....	88	1108th Theater Avn. Sustain. Maint. Gp. (TASMG)....	84	1st Bn., 285th Avn. Regt.....	66
99th Readiness Div.....	86	1109th Theater Avn. Sustain. Maint. Gp. (TASMG)....	70	1st Bn., 376th Avn. Regt.....	86
101st Abn. Div.....	78	1st Bn., 1st Avn. Regt.....	77	1st Bn., 501st Avn. Regt.....	95
104th Tng. Div.....	100	1st Bn., 3rd Avn. Regt.....	103	2nd Bn., 1st Avn. Regt.....	77
1st Air Cav. Bde.....	68	1st Bn., 10th Avn. Regt.....	87	2nd Bn., 2nd Avn. Regt.....	104
1st Armored Div., Cbt. Avn. Bde.....	94	1st Bn., 11th Avn. Regt.....	54	2nd Bn., 3rd Avn. Regt.....	74
1st Avn. Bde.....	73	1st Bn., 13th Avn. Regt.....	52	2nd Bn., 4th Avn. Regt.....	70
1st Inf. Div., Cbt. Avn. Bde.....	77	1st Bn., 14th Avn. Regt.....	54	2nd Bn., 10th Avn. Regt.....	87
2nd Cbt. Avn. Bde.....	73	1st Bn., 25th Avn. Regt.....	66	2nd Bn., 13th Avn. Regt.....	66
3rd Cbt. Avn. Bde.....	78	1st Bn., 52nd Avn. Regt.....	66	2nd Bn., 25th Avn. Regt.....	76
4th Cbt. Avn. Bde.....	89	1st Bn., 58th Avn. Regt.....	56	2nd Bn., 82nd Avn. Regt.....	89
10th Cbt. Avn. Bde.....	95	1st Bn., 82nd Avn. Regt.....	89	2nd Bn., 104th Avn. Regt.....	91
11th Exp. Cbt. Avn. Bde.....	98	1st Bn., 101st Avn. Regt.....	78	2nd Bn., 111th Avn. Regt.....	73
12th Cbt. Avn. Bde.....	95	1st Bn., 106th Avn. Regt.....	76	2nd Bn., 130th Avn. Regt.....	89
16th Cbt. Avn. Bde.....	52	1st Bn., 107th Avn. Regt.....	94	2nd Bn., 135th Avn. Regt.....	70
25th Cbt. Avn. Bde.....	75	1st Bn., 108th Avn. Regt.....	78	2nd Bn., 147th Avn. Regt.....	84
28th Exp. Cbt. Avn. Bde.....	104	1st Bn., 111th Avn. Regt.....	73	2nd Bn., 149th Avn. Regt.....	97
29th Exp. Cbt. Avn. Bde.....	73	1st Bn., 114th Avn. Regt.....	78	2nd Bn., 151st Avn. Regt.....	93
34th Cbt. Avn. Bde.....	70	1st Bn., 126th Avn. Regt.....	92	2nd Bn., 158th Avn. Regt.....	101
35th Exp. Cbt. Avn. Bde.....	87	1st Bn., 130th Avn. Regt.....	90	2nd Bn., 160th Special Ops. Avn. Regt.....	79
36th Exp. Cbt. Avn. Bde.....	70	1st Bn., 131st Avn. Regt.....	56	2nd Bn., 185th Avn. Regt.....	84
38th Cbt. Avn. Bde.....	103	1st Bn., 135th Avn. Regt.....	85	2nd Bn., 210th Avn. Regt.....	99
40th Cbt. Avn. Bde.....	68	1st Bn., 137th Avn. Regt.....	90	2nd Bn., 211th Avn. Regt.....	98
42nd Cbt. Avn. Bde.....	87	1st Bn., 140th Avn. Regt.....	69	2nd Bn., 224th Avn. Regt.....	100
63rd Theater Avn. Bde.....	80	1st Bn., 145th Avn. Regt.....	54	2nd Bn., 227th Avn. Regt.....	96
77th Theater Avn. Bde.....	68	1st Bn., 147th Avn. Regt.....	102	2nd Bn., 228th Avn. Regt.....	86
82nd Cbt. Avn. Bde.....	100	1st Bn., 149th Avn. Regt.....	97	2nd Bn., 238th Avn. Regt.....	77
101st Cbt. Avn. Bde.....	91	1st Bn., 150th Avn. Regt.....	86	2nd Bn., 245th Avn. Regt.....	91
110th Avn. Bde.....	82	1st Bn., 151st Avn. Regt.....	92	2nd Bn., 285th Avn. Regt.....	68
110th Avn. Bde. (AUG).....	84	1st Bn., 158th Avn. Regt.....	94	2nd Bn., 291st Avn. Regt.....	96
116th MI Bde, (Aerial Intel.).....	54	1st Bn., 160th Spec. Ops. Avn. Regt.....	79	2nd Bn., 501st Avn. Regt.....	95
128th Avn. Bde.....	85	1st Bn., 168th Avn. Regt.....	101	2nd Bn., 641st Avn. Regt.....	91
160th Special Operations Avn. Regt.....	79	1st Bn., 169th Avn. Regt.....	71	3rd Bn., 1st Avn. Regt.....	77
166th Avn. Bde.....	94	1st Bn., 171st Avn. Regt.....	74	3rd Bn., 2nd Avn. Regt.....	104
185th Exp. Cbt. Avn. Bde.....	77	1st Bn., 183rd Avn. Regt.....	76	3rd Bn., 4th Avn. Regt.....	70
244th Exp. Cbt. Avn. Bde.....	89	1st Bn., 185th Avn. Regt.....	84	3rd Bn., 10th Avn. Regt.....	87
449th Theater Avn. Bde.....	90			3rd Bn., 25th Avn. Regt.....	76
				3rd Bn., 58th Avn. Regt.....	89
				3rd Bn., 82nd Avn. Regt.....	89



## The **MD 530G**® Attack Helicopter

offers maximum utility for armed aerial combat missions. It enables company commanders to effectively control the battlespace, delivering the suppressive fire and precision lethality that will significantly expand airborne combat capabilities. Evolved from the combat-proven OH-6 airframe, the MD 530G is one of the most capable scout attack helicopters in its class.



**CHECK OUT SCENES  
FROM THE LATEST  
MD 530G  
WEAPONS SYSTEMS  
LIVE FIRE**



**MD HELICOPTERS™**

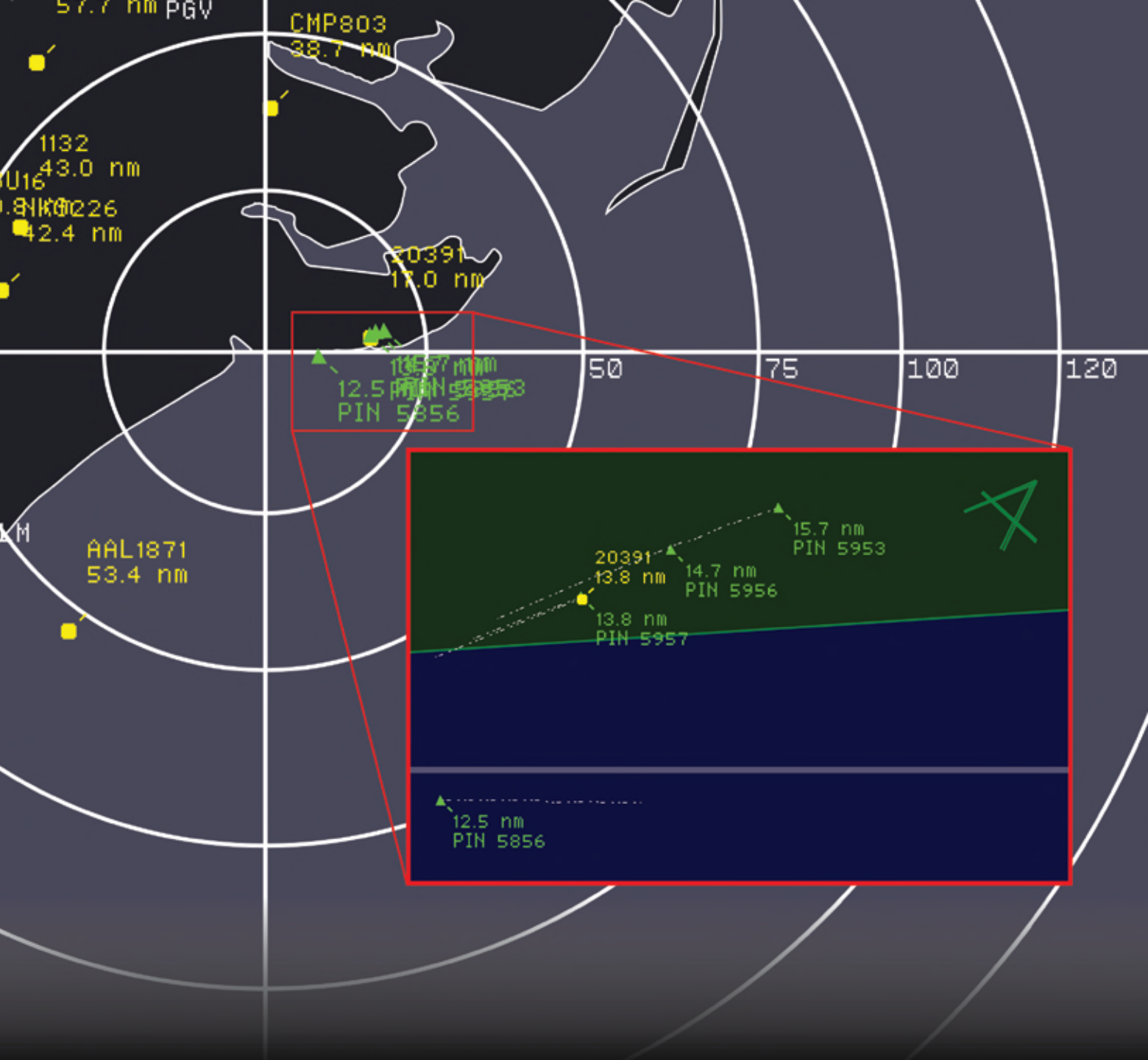
MADE IN AMERICA

    | [MDHELICOPTERS.COM](http://MDHELICOPTERS.COM)

3rd Bn., 126th Avn. Regt. ....	83
3rd Bn., 140th Avn. Regt. ....	69
3rd Bn., 142nd Avn. Regt. ....	88
3rd Bn., 160th Spec. Ops. Avn. Regt. ....	74
3rd Bn., 227th Avn. Regt. ....	96
3rd Bn., 238th Avn. Regt. ....	83
3rd Bn., 351st Avn. Regt. ....	95
3rd Bn., 501st Avn. Regt. ....	95
4th Bn., 160th Spec. Ops. Avn. Regt. ....	101
4th Bn., 2nd Avn. Regt. ....	105
4th Bn., 3rd Avn. Regt. ....	74
4th Bn., 4th Avn. Regt. ....	70
4th Bn., 58th Avn. Regt. ....	105
5th Bn., 101st Avn. Regt. ....	78
5th Bn., 159th Avn. Regt. ....	100
6th Bn., 52nd Avn. Regt. ....	69
6th Bn., 101st Avn. Regt. ....	78
7th Bn., 158th Avn. Regt. ....	96
8th Bn., 229th Avn. Regt. ....	80
5th Avn. Bn., JRTC ..... 81	
12th Avn. Bn. .... 86	
2916th Avn. Bn., NTC..... 88	
Spec. Ops. Avn. Tng. Bn. (SOATB)..... 79	
U.S. Army Avn. Bn., Japan ..... 104	
1st Sqdn., 6th Cav. Regt. .... 78	
1st Sqdn., 17th Cav. Regt. .... 89	
1st Sqdn., 230th Air Cav. .... 94	
2nd Sqdn., 6th Cav. Regt. .... 76	
2nd Sqdn., 17th Cav. Regt. .... 79	
3rd Sqdn., 6th Cav. Regt. .... 95	
3rd Sqdn., 17th Cav. Regt. .... 74	
4th Sqdn., 6th Cav. Regt. .... 101	
6th Sqdn., 6th Cav. Regt. .... 87	
6th Sqdn., 17th Cav. Regt. .... 70	
7th Sqdn., 17th Cav. Regt. .... 96	
302nd Sqdn., Royal Netherlands Air Force..... 95	
46th Avn. Spt. Bn. .... 101	
90th Avn. Spt. Bn. .... 97	
96th Avn. Spt. Bn. .... 79	
122nd Avn. Spt. Bn. .... 96	
127th Avn. Spt. Bn. .... 84	
209th Avn. Spt. Bn. .... 76	
248th Avn. Spt. Bn. .... 77	
277th Avn. Spt. Bn. .... 87	
351st Avn. Spt. Bn. .... 93	
404th Avn. Spt. Bn. .... 70	
449th Avn. Spt. Bn. .... 97	
601st Avn. Spt. Bn. .... 78	
602nd Avn. Spt. Bn. .... 105	
603rd Avn. Spt. Bn. .... 74	
615th Avn. Spt. Bn. .... 96	
628th Avn. Spt. Bn. .... 91	
638th Avn. Spt. Bn. .... 77	
640th Avn. Spt. Bn. .... 69	
642nd Avn. Spt. Bn. .... 88	
777th Avn. Spt. Bn. .... 68	
834th Avn. Spt. Bn. .... 83	
935th Avn. Spt. Bn. .... 85	
1204th Avn. Spt. Bn. .... 99	
3rd Mil. Intel. Bn. (Aerial Exploitation)..... 105	
15th Mil. Intel. Bn. (Aerial Exploitation)..... 96	
116th Process., Exploit. Dissem. (PED) Bn. (Aerial Exploitation)..... 54	
204th Mil. Intel. Bn. (Aerial Reconnaissance)..... 95	
206th Mil. Intel. Bn. (Aerial Exploitation)..... 96	
224th Mil. Intel. Bn. (Aerial Exploitation)..... 74	
304th Mil. Intel. Bn. .... 66	
U.S. Army Air Ambulance Detachment (USAAAD), Fort Rucker (FLATIRON)..... 54	
U.S. Army Air Ambulance Detachment (USAAD), 214th Med. Det. .... 103	
U.S. Army Air Ambulance Detachment, Fort Polk ..... 81	
1st Battlefield Coord. Det., USARSO ..... 66	
5th Battlefield Coord. Det. .... 75	
Det. 1, Co. C, 3rd Bn., 140th Avn. Regt. .... 91	
Det. 6, Opn. Spt. Airlift Agency (OSA-A)..... 71	
Det. 12, Opn. Spt. Airlift Agency (OSA-A)..... 83	
Det. 15, Opn. Spt. Airlift Agency (OSA-A)..... 83	
Det. 17, Opn. Spt. Airlift Agency (OSA-A)..... 90	

Det. 19, Opn. Spt. Airlift Agency (OSA-A)..... 86	
Det. 28, Opn. Spt. Airlift Agency (OSA-A)..... 81	
Det. 55, Opn. Spt. Airlift Agency (OSA-A)..... 75	
Army Aviation Flight Activity Fresno ..... 69	
Aviation Support Facility - Carson ..... 70	
Aviation Support Facility - Conroe ..... 94	
Aviation Support Facility - Dobbins ..... 73	
Aviation Support Facility - Eustis ..... 100	
Aviation Support Facility - Hood ..... 96	
Aviation Support Facility - Lewis ..... 101	
Aviation Support Facility - Los Alamitos ..... 69	
Aviation Support Facility - Olathe ..... 78	
Aviation Support Facility - Rucker ..... 56	
Aeroflightdynamics Directorate (AFDD) ..... 69	
Air Traffic Control (ATC) Product Office..... 62	
Air Warrior Product Office ..... 58	
Airborne Battle Command Program Support Office... 64	
Aircraft Survivability Equipment Project Management Office ..... 56	
Aircraft Turbine Engines Project Office (ATE)..... 62	
Airfield Division, Davison Army Airfield/Pentagon Helipad 9 ..... 9	
Airfield Division, DPTM ..... 89	
Airfield Operations Division, G3/5/7 ..... 97	
Alabama ARNG Aviation Support Facility #1 ..... 56	
Alabama ARNG Aviation Support Facility #2 ..... 50	
Alabama ARNG Aviation Support Facility #3 ..... 58	
Alaska ARNG Aviation Operating Facility #1 ..... 66	
Alaska ARNG Aviation Operating Facility #3 ..... 66	
Alaska ARNG Aviation Operating Facility #4 ..... 66	
Alaska ARNG Aviation Support Facility ..... 64	
AMCOM G-3/5 ..... 58	
AMCOM Logistics Center (ALC) ..... 58	
Analysis Division, Aviation Directorate ..... 72	
Apache Attack Helicopter Project Office ..... 60	
Apache Development & Modernization Product Office60	
Apache Production & Fielding Product Office ..... 60	
Apache Sensors Product Office..... 60	
Arizona ARNG Aviation Support Facility #1 ..... 68	
Arizona ARNG Aviation Support Facility #2 ..... 68	
Arkansas ARNG Aviation Support Facility..... 68	
Army Air Div., WSMR ..... 87	
Army Aviation Directorate, DCS for Operations, G-3/5/7 ..... 72	
Army Aviation Division, Force Development, DCS G-8/2 ..... 101	
Army Aviation Support Facility #1 ..... 101	
Army Aviation Support Facility #2 ..... 100	
Army Contracting Command-Redstone (ACC-RSA) ... 64	
Army Futures Command (AFC) ..... 94	
Army National Guard ..... 98	
Army Reprogramming Analysis Team-Program Office (ARAT-PO) ..... 82	
ARNG Safety Support Center ..... 56	
Assistant Secretary of the Army for Acquisition, Logistics & Technology (ASAALT)..... 71	
Aviation & Electronics Branch, G4, FORSCOM ..... 88	
Aviation & Missile Research, Development & Eng. Center, (AMRDEC) ..... 58	
Aviation and Fires Evaluation Directorate (AFED), Army Evaluation Center ..... 82	
Aviation and Safety Division, Army National Guard ... 98	
Aviation Branch Historian ..... 50	
Aviation Branch Safety Office ..... 50	
Aviation Branch, OPMD, U.S. Army Human Resources Command ..... 80	
Aviation Center Logistics Command (ACLCL), AMCOM56	
Aviation Company, Task Force Sinai, Multinational Force & Observers (MFO)..... 103	
Aviation Development Directorate - Eustis (ADD-E) (formerly AATD)..... 100	
Aviation Development Directorate (ADD) (AMRDEC) . 58	
Aviation Directorate (USARC)..... 89	
Aviation Div., Training Integration Directorate (TID) .... 99	
Aviation Division (Alpha Team) Operations Group, JRTC ..... 81	
Aviation Division, Current Ops, G-3/4, AMC ..... 58	
Aviation Division, Dep. Ch. of Staff, Log., G-4 ..... 72	
Aviation Division, DPTMS, Waynesville-St. Robert Regional Airport at Forney Field..... 85	
Aviation Division, Felker Army Afd. .... 100	
Aviation Division, G-3/5/7, FORSCOM ..... 88	
Aviation Division, Joint Base Lewis-McChord ..... 101	
Aviation Engineering Directorate (AED) (AMRDEC) ... 58	

Aviation Enlisted Management Branch, EPMD ..... 80	
Aviation Ground Support Equipment Product Office (PM-AGSE) ..... 62	
Aviation Logistics Branch, 21st Theater Sustainment Command ..... 103	
Aviation Maintenance Support Office (AMSO) ..... 79	
Aviation Mission Equipment Product Office (AME) .... 62	
Aviation Networks and Mission Planning Product Office (ANMP)..... 64	
Aviation Office, Eighth U.S. Army ..... 104	
Aviation Systems Project Office ..... 62	
Aviation Task Force, U.S. Army Alaska (USARAK) ..... 66	
Aviation Technical Assistance Fielding Team ..... 103	
Aviation Test Directorate, USAOTC ..... 96	
Aviation Warrant Officer Assignments Branch ..... 80	
Avn. Det., CBRNE Analytical & Remediation Activity .. 83	
Biggs Army Airfield ..... 95	
California ARNG Aviation Support Facility #1 ..... 69	
California Army Aviation Support Facility #2 ..... 69	
California Army Aviation Support Facility #3 ..... 69	
Capabilities Development & Integration Directorate (CDID) ..... 50	
Cargo Helicopter Project Manager's Office ..... 60	
Chief of Army Reserve (OCAR) ..... 71	
Chief of Staff, U. S. Army ..... 71	
Commanding General, District of Columbia National Guard ..... 72	
Commanding General, U.S. Army Alaska / Deputy Commanding General, U.S. Alaskan Command ..... 66	
Concepts, Experimentation, and Analysis Directorate (CEAD) ..... 52	
Connecticut ARNG Aviation Support Facility ..... 71	
Corpus Christi Army Depot (CCAD) ..... 94	
Defense Contract Management Agency (DCMA) Aircraft Operations ..... 100	
Defense Contract Management Agency (DCMA) Sikorsky Aircraft ..... 71	
Defense Contract Management Agency (DCMA), Boeing - Philadelphia ..... 92	
Defense Contract Management Agency, Bell Helicopter Textron ..... 97	
Defense Contract Management Agency, Boeing - Mesa ..... 68	
Degraded Visual Environment (DVE) Product Office... 64	
Dep. Chief of Staff, G-4 ..... 72	
Deputy Chief of Staff, G-3/5/7 ..... 71	
Deputy Chief of Staff, Safety & Aviation, Virgin Islands ARNG ..... 103	
Director, Operational Test and Evaluation ..... 71	
Directorate for Aviation Munitions, DCS G-4 ..... 72	
Directorate of Evaluation and Standardization (DES) .. 52	
Directorate of Plans, Training, Mobilization & Security, USAG Fort Rucker ..... 50	
Directorate of Simulation (DOS) ..... 52	
Directorate of Training and Doctrine (DOTD) ..... 52	
District of Columbia ARNG Army Aviation Support Facility ..... 99	
Eastern Army National Guard Aviation Training Site (EAATS) ..... 92	
Embry-Riddle Aeronautical University Army ROTC ..... 73	
FAA DAR HQ ..... 72	
FAA DAR, Central Service Area ..... 97	
FAA DAR, Eastern Service Area ..... 73	
FAA DAR, Western Service Area ..... 100	
First Army Division West ..... 95	
Fixed Wing ARNG Aviation Training Site (FWAATS) .. 102	
Florida ARNG Aviation Support Facility #1 ..... 73	
Florida ARNG Aviation Support Facility #2 ..... 72	
Future Vertical Lift Cross-Functional Team (FVL CFT) 58	
Future Vertical Lift Project Office (PM FVL) ..... 60	
Georgia ARNG Aviation Support Facility #1 ..... 75	
Georgia ARNG Aviation Support Facility #2 ..... 75	
Georgia ARNG Aviation Support Facility #3 ..... 74	
Hawaii ARNG Aviation Support Facility #1 ..... 75	
Hawaii ARNG Aviation Support Facility #2 ..... 75	
Hawaii ARNG Aviation Support Facility #3 ..... 75	
Henry Post Army Airfield, Airfield Ops. Div, DPTMS ... 91	
High Altitude Aviation Training Site (HAATS) ..... 70	



# DO YOU KNOW WHO YOUR FRIENDS ARE?

## WE DO!

Telephonics' Passive Detection & Reporting System (PDRS) offers a receive-only IFF system that enhances situational awareness for civil and military air traffic controllers, effectively eliminating radio frequency interrogation transmissions in the airspace.

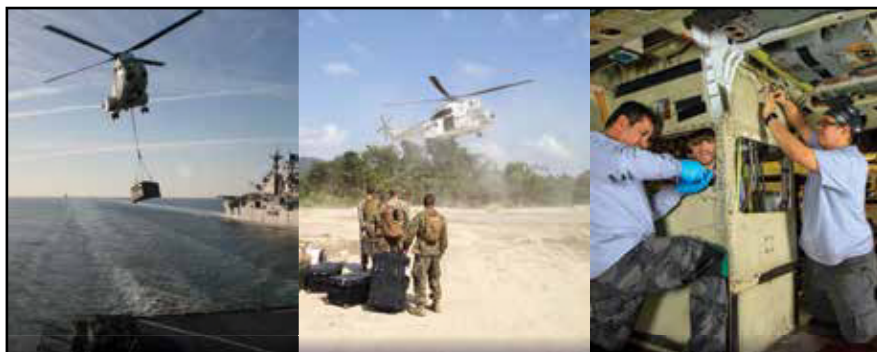
To learn more, visit [www.telephonics.com](http://www.telephonics.com)



Houston Army Aviation Support Facility (HAASF) .....	97
Hunter Army Airfield Division .....	74
Idaho ARNG Aviation Support Facility .....	76
Illinois ARNG Aviation Support Facility #1 .....	76
Illinois ARNG Aviation Support Facility #2 .....	76
Illinois ARNG Aviation Support Facility #3 .....	76
Incentives and Compensation Branch (ICB), SPSP/TAGD .....	80
Indiana ARNG Aviation Support Facility .....	77
Intelligence and Information Warfare Directorate (I2WD) .....	82
Iowa ARNG Aviation Support Facility #1 .....	77
Iowa ARNG Aviation Support Facility #2 .....	77
Iowa ARNG Aviation Support Facility #3 .....	77
Joint Aircraft Survivability Program Office (JASPO) ...	98
Joint Attack Munition Systems (JAMS) Project Office	64
Joint Multi-national Readiness Center-Hohenfels (JMRC) Aviation Detachment .....	103
Joint Multi-national Training Command-Grafenwoehr (JMTC) .....	103
Joint Readiness Training Center (JRTC) .....	80
Joint Task Force North (JTF-N) .....	94
Kansas ARNG Aviation Support Facility #1 .....	78
Kansas ARNG Aviation Support Facility #2 .....	78
Kentucky ARNG Aviation Support Facility #1 .....	80
Liaison Office .....	50
Light Helicopters Product Manager's Office .....	62
Logistics and Readiness Center (LRC), CECOM .....	82
Los Alamitos Army Airfield .....	69
Louisiana ARNG Aviation Support Facility #1 .....	81
Louisiana ARNG Aviation Support Facility #2 .....	81
Maine ARNG Aviation Support Facility .....	81
Maryland ARNG Aviation Support Facility .....	83
Massachusetts ARNG Aviation Support Facility #1 ...	83
Massachusetts ARNG Aviation Support Facility #2 ...	83
Michigan ARNG Aviation Support Facility #1 .....	83
Michigan ARNG Aviation Support Facility #2 .....	83

Military Intelligence Detachment (JSTARS) .....	75
Minnesota ARNG Aviation Support Facility #1 .....	84
Minnesota ARNG Aviation Support Facility #2 .....	83
Missile Defense Agency .....	58
Mississippi ARNG Aviation Support Facility #1 .....	84
Mississippi ARNG Aviation Support Facility #2 .....	85
Mississippi ARNG Aviation Support Facility #3 .....	84
Missouri Army Aviation Support Facility #1 .....	85
Missouri ARNG Army Aviation Flight Facility .....	85
Missouri ARNG Aviation Support Facility #2 .....	85
Montana ARNG Aviation Support Facility .....	86
Multi-National Aviation Special Projects Office (PM MASPO) .....	56
Multinational Corps Northeast, NATO .....	104
NASA Detachment, Space and Missile Defense Command .....	97
National Geospatial Intelligence Agency (NGA), Safety of Navigation .....	85
National Guard Bureau (NGB) .....	71
National Training Center (NTC) .....	68
NATO Headquarters, Sarajevo .....	103
Nebraska ARNG Aviation Support Facility #1 .....	86
Nebraska ARNG Aviation Support Facility #2 .....	86
Nevada ARNG Aviation Support Facility .....	86
New Hampshire ARNG Aviation Support Facility .....	86
New Jersey ARNG Aviation Support Facility #1 .....	87
New Jersey ARNG Aviation Support Facility #2 .....	86
New Mexico ARNG Aviation Support Facility .....	87
New York ARNG Aviation Support Facility #1 .....	88
New York ARNG Aviation Support Facility #2 .....	88
New York ARNG Aviation Support Facility #3 .....	88
Night Vision & Electronic Sensors Directorate (NVESD) ..	99
Noncommissioned Officer Academy .....	54
Noncommissioned Officer Academy-Eustis .....	99
North Carolina ARNG Aviation Support Facility #1 .....	90
North Carolina ARNG Aviation Support Facility #2 .....	90
North Dakota ARNG Aviation Support Facility .....	90
Office of Congressional Legislative Liaison (OCLL) .....	71
Office of the Secretary of Defense .....	71

Office of the Staff Judge Advocate .....	50
Office of the Surgeon General .....	98
Office of the Vice Chief of Staff, Army .....	71
Ohio ARNG Aviation Support Facility #1 .....	90
Ohio ARNG Aviation Support Facility #2 .....	90
Oklahoma ARNG Aviation Support Facility #1 .....	91
Oklahoma ARNG Aviation Support Facility #2 .....	91
Operational Support Airlift Activity (OSA-A) .....	98
Operations and Integration Division, Aviation Directorate .....	72
Operations Group, Aviation Task Force Training Team (Eagle Team) .....	68
Oregon ARNG Aviation Support Facility #1 .....	91
Oregon ARNG Aviation Support Facility #2 .....	91
Organization & Personnel Force Development Directorate (OPFD) .....	52
Pennsylvania ARNG Aviation Support Facility #1 .....	92
Pennsylvania ARNG Aviation Support Facility #2 .....	92
PEO, Intelligence, Electronic Warfare & Sensors (IEW&S) .....	82
Principal Military Deputy/Director, Army Acquisition Corps, OASA(ALT) .....	71
Program Executive Office, Aviation .....	60
Program Executive Office, Missiles & Space .....	64
Program Executive Office, Simulation, Training & Instrumentation (PEO STRI) .....	73
Program Executive Office, Soldier .....	98
Program Executive Officer for Ammunition and Picatinny Arsenal .....	86
Project Manager, Terrestrial Sensors (formerly Night Vision/RSTA) .....	99
Puerto Rico ARNG Aviation Support Facility .....	102
Redstone Test Center (RTC) .....	60
Regiment Aviation Maintenance Office (RAMO) .....	79
Rhode Island ARNG Aviation Support Facility .....	92
Rotary Wing Test Div., Avn. Test Dir., USAOTC .....	96
San Antonio Army Aviation Support Facility .....	97
Saudi Arabian National Guard Modernization Program ..	104
Secretary of the Army .....	71
Senior Leader Development (SLD) Colonels Management Office (COMO) .....	98
Sensors-Aerial Intelligence Project Manager's Office (PM S-AI / formerly PM ARES) .....	82
South Carolina ARNG Aviation Support Facility #1 .....	93
South Carolina ARNG Aviation Support Facility #2 .....	93
Special Mission Wing (SMW), Special Operations Advisory Group (SOAG) .....	104
Special Operations Directorate, U.S. Army Avn. and Missile Life Cycle Mgmt. Cmd (AMCOM) .....	99
Special Operations Forces Acquisition, Technology, and Logistics - Rotary Wing .....	73
State Adjutants General .....	
Alabama National Guard .....	58
Alaska National Guard .....	64
Arizona National Guard .....	68
Arkansas National Guard .....	68
California National Guard .....	69
Colorado National Guard .....	70
Connecticut National Guard .....	71
Delaware National Guard .....	71
Florida National Guard .....	73
Georgia National Guard .....	74
Guam National Guard .....	102
Hawaii National Guard .....	75
Idaho National Guard .....	76
Illinois National Guard .....	76
Indiana National Guard .....	76
Iowa National Guard .....	77
Kansas National Guard .....	78
Kentucky National Guard .....	80
Louisiana National Guard .....	81
Maine National Guard .....	81
Maryland National Guard .....	83
Massachusetts National Guard .....	83
Michigan National Guard .....	83
Minnesota National Guard .....	84
Mississippi National Guard .....	84
Missouri National Guard .....	85
Montana National Guard .....	85
Nebraska National Guard .....	86



## Erickson Defense & National Security

Providing turnkey solutions for modernizing, maintaining, and operating legacy platforms.

**WARFIGHTER CENTRIC. WARFIGHTER TRUSTED.**

**ERICKSON** ERICKSONINC.COM

U.S. MILITARY PROVEN FOR OVER 30 YEARS!  
ADMITTEDLY, PHANTOM ISN'T FOR EVERYONE, ONLY WARRIORS.



IF THIS IS YOUR OFFICE...

THIS IS YOUR  
(DESK) LIGHT.



**PHANTOM WARRIOR TLS™**

3 FILTERLESS COLORS  
BUILT IN FLASH PATTERNS  
FULLY ADJUSTABLE INTENSITY  
6230-01-562-3691

*AIR SOLDIER NSN COMING SOON!*



**COVERT. TACTICAL. DURABLE. PHANTOM.**

AMERICAN MADE IN ROCKLEDGE, FLORIDA

888-533-4968

[WWW.PHANTOMLIGHTS.COM](http://WWW.PHANTOMLIGHTS.COM)

CAREERS@PHANTOMLIGHTS.COM

PATENTED AND PATENTS PENDING

Nevada National Guard.....	86
New Hampshire National Guard.....	86
New Jersey National Guard.....	86
New Mexico National Guard.....	87
New York National Guard.....	87
North Carolina National Guard.....	90
North Dakota National Guard.....	90
Ohio National Guard.....	90
Oklahoma National Guard.....	91
Oregon National Guard.....	91
Pennsylvania National Guard.....	91
Puerto Rico National Guard.....	102
Rhode Island National Guard.....	92
South Carolina National Guard.....	92
South Dakota National Guard.....	93
Tennessee National Guard.....	93
Texas National Guard.....	94
Utah National Guard.....	98
Vermont National Guard.....	98
Virgin Islands National Guard.....	103
Virginia National Guard.....	100
Washington National Guard.....	101
West Virginia National Guard.....	102
Wisconsin National Guard.....	102
Wyoming National Guard.....	102
<b>State Army Aviation Officers.....</b>	
Alabama ARNG.....	58
Alaska ARNG.....	64
Arizona ARNG.....	68
Arkansas ARNG.....	68
California ARNG.....	69
Colorado ARNG.....	70
Connecticut ARNG.....	71
Delaware ARNG.....	71
District of Columbia ARNG.....	99
Florida ARNG.....	73
Georgia ARNG.....	75
Guam.....	102

Hawaii ARNG.....	75
Idaho ARNG.....	76
Illinois ARNG.....	76
Indiana ARNG.....	76
Iowa ARNG.....	77
Kansas ARNG.....	78
Kentucky ARNG.....	80
Louisiana ARNG.....	81
Maine ARNG.....	81
Maryland ARNG.....	81
Massachusetts ARNG.....	83
Michigan ARNG.....	83
Minnesota ARNG.....	84
Mississippi ARNG.....	84
Missouri ARNG.....	85
Montana ARNG.....	85
Nebraska ARNG.....	86
Nevada ARNG.....	86
New Hampshire ARNG.....	86
New Jersey ARNG.....	86
New Mexico ARNG.....	87
New York ARNG.....	87
North Carolina ARNG.....	90
North Dakota ARNG.....	90
Ohio ARNG.....	90
Oklahoma ARNG.....	91
Oregon ARNG.....	91
Pennsylvania ARNG.....	91
Puerto Rico ARNG.....	102
Rhode Island ARNG.....	92
South Carolina ARNG.....	92
South Dakota ARNG.....	93
Tennessee ARNG.....	93
Texas ARNG.....	94
Utah ARNG.....	98
Vermont ARNG.....	98
Virginia ARNG.....	100
Washington ARNG.....	101
West Virginia ARNG.....	102

Wisconsin ARNG.....	102
Wyoming ARNG.....	102
<b>Systems Division, Aviation Directorate.....</b>	
Systems Integration and Management Office (SIMO) 79	
Systems Simulation, Software, and Integration (S3I) Directorate (AMRDEC).....	60
<b>Task Force Observe, Detect, Identify, Neutralize (TF-ODIN).....</b>	
Technology Applications Program Office (TAPO).....	104
Tennessee ARNG Aviation Support Facility #1.....	94
Tennessee ARNG Aviation Support Facility #2.....	93
Tennessee ARNG Aviation Support Facility #3.....	93
Texas ARNG Aviation Support Facility #1.....	94
Texas ARNG Aviation Support Facility #3 (DAASF).....	97
Theater Avn. Sustainment Mgr. (TASM)-OCONUS.....	103
Tobyhanna Army Depot (TYAD).....	92
TRADOC Capability Manager for the Virtual and Gaming Training Environment (TCM-Virtual-Gaming).....	77
TRADOC Capability Manager, Avn. Bdes. (TCM-AB) ..	52
TRADOC Capability Manager, Future Vertical Lift (TCM-FVL).....	52
TRADOC Capability Manager, Lift (TCM-Lift).....	52
TRADOC Capability Manager, Recon and Attack (TCM-R/A).....	52
TRADOC Safety Office.....	99
<b>U.S. Army Aeromedical Clinic (USAAMC) Lyster Army Health Clinic (LAHC).....</b>	
U.S. Army Aeromedical Research Laboratory (USAARL).....	54
U.S. Army Aeronautical Services Agency (USAASA).....	98
U.S. Army Aeronautical Services Det.-Europe (USAASD-E).....	103
U.S. Army Air Traffic Services Command (ATSCOM).....	56
U.S. Army Aviation and Missile Life Cycle Mgmt. Command (USAAMCOM).....	58
U.S. Army Aviation Center of Excellence (USAACE).....	50
U.S. Army Aviation Museum.....	50



## CUSTOMIZED TOOL SOLUTIONS FOR AVIATION MECHANICS

Kipper Tool Company partners with over 2,500 suppliers and carries over 200,000 line items. We have everything you may need, from drill bits to land movers, and can create a customized tool solution for your unique situation. Need portability? Check out our **Mobile B01** (General Mechanic's Tool Kit). Working on a specific component? We have kits for electrical repairs, power train, hydraulic repairs, aircraft inspections, and more. We also partner with equipment manufacturers for custom packaging. View our inventory or request more information online at [www.kippertool.com](http://www.kippertool.com).

[www.kippertool.com](http://www.kippertool.com) | 1-800-295-9595 | [govsales@kippertool.com](mailto:govsales@kippertool.com)





U.S. Army Cadet Command .....	79
U.S. Army C-E LCMC Software Engineering Center (SEC) .....	82
U.S. Army Central Command (USARCENT) .....	93
U.S. Army Central Command (USARCENT) G-32 Aviation .....	93
U.S. Army CERDEC Flight Activity.....	86
U.S. Army Combat Readiness Center.....	54
U.S. Army Combined Arms Center .....	77
U.S. Army Comm.-Elect. Research, Development & Engineering Center (CERDEC) .....	82
U.S. Army Communications Electronics Life Cycle Management Command (CECOM) .....	82
U.S. Army Contracting Command .....	64
U.S. Army Europe, G-3, Aviation Division .....	103
U.S. Army Europe, G-4, Aviation Office.....	103
U.S. Army Evaluation Center (USAEC) .....	81
U.S. Army Fixed Wing Project Office .....	60
U.S. Army Flight Operations Detachment (AFOD) ....	103
U.S. Army Flight Tng. Det. - Peace Vanguard.....	66
U.S. Army Forces Command (FORSCOM).....	88
U.S. Army Garrison - Humphreys.....	105
U.S. Army Garrison, Fort Rucker.....	50
U.S. Army Installation Management Command (IMCOM) .....	97
U.S. Army Intelligence Center & Fort Huachuca .....	66
U.S. Army Materiel Command (AMC) .....	58
U.S. Army Medical Evacuation Propensity Directorate (MEPD).....	56
U.S. Army Military District of Washington (USAMDW) .....	72
U.S. Army North/5th Army (ASCC) G-3 Air Division.....	97
U.S. Army Operational Test Command (USAOTC) .....	96
U.S. Army Pacific (USARPAC) .....	75
U.S. Army Priority Air Transport Command (USAPAT) .....	83
U.S. Army Recruiting Command (USAREC) .....	79
U.S. Army Research, Development & Engineering Command (RDECOM) .....	82
U.S. Army Reserve Avn. Cmd. (ARAC) .....	79
U.S. Army School of Aviation Medicine (USASAM).....	54
U.S. Army South/6th Army (ASCC) G-3 Air Branch.....	97
U.S. Army Spec. Ops. Avn. Cmd. (USASOAC)(ARSOAC)89	
U.S. Army Special Operations Command (USASOC) ..	89
U.S. Army Test and Evaluation Command (USATEC) ..	81
U.S. Army Test, Measurement & Diagnostic Equip. Activity (USATA).....	58
U.S. Army Training and Doctrine Command (TRADOC)99	
U.S. Army Warrant Officer Career College .....	54
U.S. Army White Sands Missile Range (WSMR) .....	87
U.S. Central Command (CENTCOM).....	73
U.S. Forces-Afghanistan (Operation Freedom's Sentinel) .....	104
U.S. Military Academy Civil and Mechanical Engineering Academic Flight Program .....	88
U.S. Military Academy Flight Detachment.....	88
U.S. Northern Command.....	70
U.S. Special Operations Command .....	73
UH-60M Product Manager's Office .....	62
Unmanned Aircraft System Flight Center.....	84
Unmanned Aircraft Systems (UAS) Project Office .....	62
Unmanned Aircraft Test Div., Avn. Test Dir., USAOTC ..	96
USAACE Army National Guard Staff .....	50
USAACE G-3.....	50
USAACE G-5.....	50
USAPAT Pacific Flight Detachment .....	75
Utah ARNG Aviation Support Facility .....	98
Utility Helicopters Project Office, PEO AVN.....	60
Vermont ARNG Aviation Support Facility .....	98
Virgin Islands ARNG Aviation Operating Facility.....	103
Virginia ARNG Aviation Support Facility .....	100
WAATS Aviation Support Battalion .....	66
WAATS Maintenance Battalion .....	66
WAATS Total Army School System Bn. (TASS).....	66
West Virginia ARNG Aviation Support Facility #1 .....	102
West Virginia ARNG Aviation Support Facility #2 .....	102
Western Army National Guard Aviation Training Site (WAATS) .....	66
Wheeler-Sack Army Airfield.....	87
Wisconsin ARNG Aviation Support Facility #1 .....	102
Wisconsin ARNG Aviation Support Facility #2 .....	102
Wyoming ARNG Aviation Support Facility .....	102
Yuma Proving Ground.....	68

**Critical Missions.  
Clear Communication.**

INTERCOM SYSTEMS

beckerusa.com **BECKER**

**NEW AWR APPROVED  
H-60M CUSHIONS**

FROM **OREGON AERO**

6A-0251-101      6A-0251-103      6A-0251-105

BACK CUSHIONS AVAILABLE WITH LUMBAR SUPPORT, WOOL/SHEEPSKIN COVERS OR FABRIC COVERS. SEAT CUSHIONS ARE AVAILABLE FOR OTHER MILITARY AIRCRAFT. VIEW OUR FULL RANGE OF U.S. ARMY AWR APPROVED PRODUCTS ON OUR WEBSITE.

**COASTAL**

**SEAT CUSHIONS, INC.**

THE EXCLUSIVE WORLDWIDE DISTRIBUTOR OF OREGON AERO  
SEAT CUSHION SYSTEMS FOR MILITARY FIXED WING AND ROTOR WING AIRCRAFT

(954) 980-6929 • FAX (772) 673-0200 • WWW.COASTALSEATCUSHIONS.COM • SALES@COASTALSEATCUSHIONS.COM

**ANY MISSION.  
ANY ENVIRONMENT.  
ANY PLATFORM.**

# AVIATION TRAINING



**COMBAT TRAINING CENTERS (CTC)**



**LIVE FIRE GUNNERY**



**MILES FORCE-ON-FORCE**



**PEER/NEAR-PEER  
ENEMY IADS THREATS**

## SMOTAR 6

Situational Awareness, Command & Control, AAR



**ASMODIM**  
Embedded Training

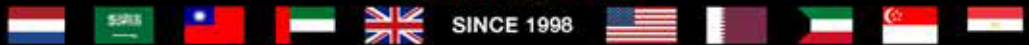


**AMDP**  
IADS Training



**INTER-COASTAL ELECTRONICS**

[www.inter-coastal.net](http://www.inter-coastal.net)



SINCE 1998



## YOUR READINESS IS OUR FIRST PRIORITY

CUSTOMIZED MRO SOLUTIONS  
TO KEEP YOU FLYING

**C-130 • L-100 • C-27 • P-3 • V-22 • F-16 • F-35  
E-2 • CH-47 • Kiowa • Gazelle • Super Puma**

Engines and APU Expertise • Component and Accessory Repair  
Airframe Expertise • Facilities – FAA Part 145 and DCMA Approved  
Field Maintenance Services • OEM Aligned  
Engineering and Design • STC Development

[www.standardaero.com](http://www.standardaero.com)





**ALKAN**

Excellence in Airborne Carriage System

**RELEASE UNIT &  
EJECTOR RELEASE UNIT  
FOR HELICOPTERS**



Weight Saving - Short turn-around time - Unmatched boresight repeatability

[www.alkan.fr](http://www.alkan.fr)



## IMPROVED OPERATIONAL VISION AND OVERSIGHT.

IRIS IS AN ALL-IN-ONE FLIGHT TRACKING, DATA MONITORING, RECORDING AND COMMUNICATION SYSTEM PROVIDING A FLEET PERSPECTIVE AND RELIABLE COMMUNICATIONS NO MATTER WHERE THE MISSION TAKES YOU.



[OUTERLINK.COM](http://OUTERLINK.COM)



**VINNELL**  **ARABIA**  
*Aviation*

**READY FOR YOUR NEXT MISSION?**

Apply today at [www.vinnellarabia.com](http://www.vinnellarabia.com)

*Aircraft Mechanics*

*Air Traffic Control*

*ARFF EMT - B*

*Aviation Logistics*

*Aviation Production Control*

*Base Operations*

*Environmental Compliance*

*Flight Operations*

*Aviation Instructors*

*Aviation Instructor Pilots*

*Maintenance Test Pilots*

*Quality Control/Quality Assurance*

*Safety*

*...and many more!*

**POSITIONS AVAILABLE IN SAUDI ARABIA  
FOR IMMEDIATE HIRE**

**Visit the Vinnell Arabia booth 1410  
at the Army Aviation Missions Solutions Summit  
April 14-16 in Nashville, TN**



**[www.vinnellarabia.com](http://www.vinnellarabia.com)**

*Having problems applying online?  
Call 703-713-4222 for assistance.*



• FAA PART 145 REPAIR STATION

• DEPOT LEVEL MAINTENANCE & REPAIR

• TAILORED MAINTENANCE PROGRAMS

• CUSTOM PAINTING BY INDUSTRY CERTIFIED PAINTERS

• MORE THAN 17,000 PARTS ON-HAND

• MRO - ONE STOP SHOP

690 AVIATION BLVD, ENTERPRISE AL  
334-347-1240  
CUSTOMERSERVICE@ARISTAAS.COM  
ARISTAAS.COM



A Trusted Name in Avionics



### DG ANTENNAS, ELECTROSTATICS & LIGHTNING PROTECTION

have successfully supported critical aviation systems for over 75 years (since 1943) for innumerable military programs



www.DaytonGranger.com sales@daytongranger.com 954-463-3451





# Integrated Situational Awareness for the Warfighter...

Today and Tomorrow.



MFD 3068 SMART DISPLAY



CMA-2082MC FMS



LARGE AREA DISPLAY 20" X 8"

- Proven performer on multiple rotary wing platforms
- Modular system solutions with Smart Displays, FMS, CDUs and multiple MFDs
- Open System Architecture
- Feature-rich options, including touchscreens, synthetic vision and new lightweight technology
- DO-178C and DO-254 Design Process
- Aligned with FACE™ Technical Standard
- Integrated Helicopter Solution based on Esterline core navigation & display equipment

**Esterline**  
Avionics Systems

Featuring  
CMC ELECTRONICS &  
ADVANCED DISPLAYS  
Products



GO BEYOND

# DEPENDABLE POWER, PROVEN PERFORMANCE FOR THE U.S. ARMY



AUXILIARY POWER UNITS

Titan T-2B



Titan T-40-1



PT6A-41



ENGINES

PW535A



A UNITED TECHNOLOGIES COMPANY

LEARN MORE @ PW.UTC.COM

## Aviation. Training. Technology.



### SUPPORTING THE ARMY AND ARMY AVIATION MISSIONS SINCE 1997

- Service-Disabled Veteran-Owned Business
- Headquartered near Fort Rucker, AL
- Strong Presence in Huntsville, AL
- Reliable, Experienced and Extremely Agile
- High Quality Workforce – 70% Veterans

116 S. Main, Enterprise, AL 36330  
334-347-7612 | [www.ndgi.com](http://www.ndgi.com)



# Mission Ready

Flexible by design, avionics that support a diverse set of configurations over multiple platforms. A COTS solution for advanced worldwide RNAV, RNP, ADS-B, and SBAS-LPV approaches to support SAR, transport and airdrop missions.

Maximum performance when its needed most.

**UNIVERSAL™ AVIONICS**  
an Elbit Systems Company

*Proven Solutions for over 50 aircraft types*

UNS-1Lw with 4-inch CDU

uasc.com

# | WE ARE YULISTA

Providing Aerospace and Defense Solutions... Any Time... Any Where!

- ENGINEERING
- PROTOTYPING
- MANUFACTURING
- SYSTEM INTEGRATION
- MAINTENANCE
- TRAINING

# YULISTA

ISO 9001 | AS9100 | AS9110 | CERTIFIED FAA PART 145 REPAIR STATION

[www.yulista.com](http://www.yulista.com)

TRUSTED PARTNER
 PRECISION EXPERTISE
 RAPID RESPONSE



# CLARITY IN THE CHAOS OF COMBAT

LINK 16 CONNECTIVITY WHEN + WHERE YOU NEED IT MOST

## World's Only Handheld Link 16 Radio for Dismounted Ground Warfighters

- › 360° SA + Integrated Air/Ground Common Operational Picture
- › Digital Command + Control
- › M2M Target Data + PLI



In the chaos of combat, you only have seconds to identify a friend from foe before deciding whether or not to engage. Whether you are a single dismounted ground warfighter or a pilot supporting the fight from the sky, you can now see a complete air/ground Link 16 picture with all operators and assets accounted for—even at the most remote edges of the battlefield. Part of Viasat's family of next-generation tactical data links, the Battlefield Awareness Targeting System-Dismounted (BATS-D) AN/PRC-161 handheld radio removes mission uncertainty and quickens the pace of battle by instantly and accurately sharing the location of dismounted and enemy forces from the ground directly to aircrew and other operators in the Link 16 network.



Watch Our Video to Learn More

Viasat™

+1 858.207.4021

[viasat.com/nexgen-3](http://viasat.com/nexgen-3)

# Register Online Today!



## CRIBBINS

**46<sup>th</sup> Annual Joseph P. Cribbins Aviation Product Sustainment Symposium | Nov. 13-14**

*"Preparing Army Aviation to Fight Tonight and Tomorrow"*

The Tennessee Valley Chapter of the AAAA is sponsoring the 46th Annual Joseph P. Cribbins Aviation Product Sustainment Symposium for aviation logistics and acquisition communities. The Symposium provides an annual forum for aviation operators, logisticians, project managers, research and development and key decision makers to gather information and better support the Warfighter.



## ASE

**Aircraft Survivability Equipment Symposium | Nov. 15-16**

*"Aviation Survivability in Peer/Near-Peer Combat Operations"*

Since 1983, this Annual AAAA event has brought the community together to develop solutions for the Aviation Soldier. From Avionics and Survivability Equipment Repairers to Aviation Mission Survivability Officers to the project offices and policy makers, the results in training, materiel, and doctrine have literally saved lives.



**November 13-16, 2018**  
**Von Braun Center, Huntsville, AL**  
**[quad-a.org/18CribbinsASE](http://quad-a.org/18CribbinsASE)**

Sponsored by Army Aviation Association of America



## AAAA Scholarship Foundation Awards Over Half A Million Dollars in 2018 – Largest Program Ever!

By BG (Ret.) Tom Konitzer

The Army Aviation Association of America Scholarship Foundation, Inc. (AAAASFI) is proud to announce the selection of 310 deserving Army Aviation family members to receive \$503,500 in scholarship grants.

Your scholarship foundation has come a long way since its inception in 1963 when the first scholarship grant of \$1,500 was awarded to Joel Graft.

Scholarships are the most important AAAA membership benefit and to date AAAASFI has awarded more than \$7.5M to over 4,000 recipients.

This is our second year since we transitioned to a fully electronic voting process consisting of members from the AAAA Awards Committee, AAAA National Board, AAAASFI Board of Governors, Chapter representatives, and the Vietnam Helicopter Pilots Association (VHPA). We had just enough volunteers to allocate 12 - 15 voters to each Team. Thank you to everyone who took the time to assist in this very important process.

During the selection process, students are judged solely on their own merit. All references to names, units, location or to a relative member's rank/title are removed from the files before board review and are only revealed after all files have been voted and selection by order of merit list has been completed.

This year there were 591 applicants with a selection rate of

approximately 52%. As in previous years, the competition was tough with 48.6% of freshmen attaining a 4.0 or higher grade point average (GPA).

The success rates for applicants based on the member affiliate's demographic group were:

- 44% of enlisted applicants won awards
- 52% of warrant applicants won awards
- 52% of commissioned applicants won awards
- 52% of civilian applicants won awards

This year we saw over half of our AAAA chapters participate in the annual Chapter Matching Program. This program allows our chapters to raise money and have it matched by the Scholarship Foundation based on their chapter size. For our AAAA and Senior chapters the match is up to \$5,000, for our Master chapters it is up to \$4,000 and our Super chapters the match is up to \$3,000.

The key take-away here is that 100 percent of your donations go directly to scholarships because AAAA pays overhead costs less management fees of the Scholarship Foundation, which is a separate corporation. Please ask your chapter officers for more information and encourage your local chapter leadership to sponsor a scholarship for your own chapter, if there isn't one already. Let's get the remaining 35 chapters into the program.

Take a few moments to look through the following pages and please join me in congratulating our most deserving 2018 awardees. If you have any questions about the program contact us at (800) 722-ARMY, or scholarship@quad-a.org.

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



**Helen Cribbins Memorial Scholarship**  
\$12,000 - \$3,000 for 4 years - Adrianna Wooldridge - Daughter of Mr. Timothy Wooldridge, Corpus Christi TX - University of Texas



**Joseph P. Cribbins Memorial Scholarship**  
\$12,000 - \$3,000 for 4 years - Grayson P Stinger - Son of COL Russell Stinger, Elizabethtown KY - University of Louisville



**AIRBUS Group Corporate Matching Scholarship**  
\$5,000 - \$1,250 for 4 years - Andrew M Buller - Son of CW4 Todd Buller, Winchester TN - University of Alabama Huntsville



**AAAA National BG O. Glenn Goodhand Memorial Scholarship**  
\$5,000 - \$1,250 for 4 years - Meghan T. Leach - Daughter of COL David Leach, Fayetteville NC - University of Colorado



**AAAA National BG Robert M. Leich Memorial Scholarship**  
\$5,000 - \$1,250 for 4 years - Miranda B Worley - Daughter of LTC J B Worley, III, Madison AL - University of Alabama



**AAAA National Bryce Wilson Memorial Scholarship**  
\$5,000 - \$1,250 for 4 years - Luke D Schroeder - Son of 1SG Ronald Schroeder, Crete NE - University of Nebraska - Lincoln



**GEN Frank S. Besson, Jr. Memorial Scholarship**  
\$4,000 - \$1,000 for 4 years - Casey A Emler - Son of LTC Richard Emler, Lebanon PA - Pennsylvania State University University Park



**Tennessee Valley Chapter Colleen Hipp Memorial Matching Scholarship** \$4,000-\$4,000 for 1 year - Savannah M Johnson - Daughter of LTC Jeff Johnson, Hampton Cove AL - Washington and Lee University

# AAAA Scholarship Foundation 2018 Awardees



**Tennessee Valley Chapter Matching Scholarship**  
\$4,000 - \$4,000 for 1 year - Ryan M Shea - Son of Mr. Peter Shea, Madison AL - University of Chicago



**LTG Gus Cianciolo Memorial Scholarship**  
\$4,000 - \$4,000 for 1 year - Chloe R Parsons - Daughter of Mr. Mark Parsons, Alexandria VA - Washington and Lee University



**Connecticut Chapter LTC William J. May Memorial Scholarship**  
\$4,000 - \$4,000 for 1 year - Jack W Hanke - Son of LCDR Jeffrey Hanke, Cheshire CT - University of Connecticut



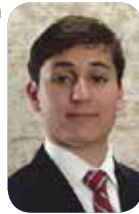
**AAAA National Aeronautical Sciences Scholarship**  
\$4,000 - \$1,000 for 4 year - Elijah S Conway - Son of CW4 Lenwood Conway, Madison AL - Auburn University



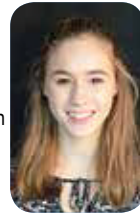
**LTG William B. Bunker Memorial Scholarship**  
\$3,000 - \$1,500 for 2 years - Madelyn G Oswald - Daughter of CW3 Ron Oswald, Saint Charles MO - Missouri University of Science and Technology



**Mid-Atlantic/Monmouth Chapter Matching Scholarship**  
\$3,000 - \$3,000 for 1 year - Adelina Marie Minter - Daughter of Mr. Eric Minter, Forest Hill MD - Towson State University



**Washington-Potomac Chapter (SPC Jeremy D. Tomlin) Matching Scholarship**  
\$3,000 - \$3,000 for 1 year - Jack F Curry - Son of CW5 Daniel Curry, Burke VA - Virginia Tech



**Washington-Potomac Chapter (COL Paul Kelly) Matching Scholarship**  
\$3,000 - \$3,000 for 1 year - Rachel T Milio - Daughter of LTC Michael Milio, Annapolis MD - Bucknell University



**Washington-Potomac Chapter (LTG Harry Kinnard) Matching Scholarship**  
\$3,000 - \$3,000 for 1 year - Jacqueline R. Weiss - Daughter of COL Mark Weiss, Alexandria VA - College of William and Mary



**Washington-Potomac Chapter (LTG Lavern E. Weber) Matching Scholarship**  
\$3,000 - \$3,000 for 1 year - Jessica Marie M. Avila - Daughter of CW5 Fernando Avila-Gonzalez, Waldorf MD - Notre Dame of Maryland University



**Washington-Potomac Chapter (MG Robert F. Molinelli) Matching Scholarship**  
\$3,000 - \$3,000 for 1 year - Eugene J Denezza II, Falls Church, VA - Embry-Riddle Aeronautical University



**The Robertson Fuel Systems, L.L.C - John R. Rawling Corporate Matching Scholarship**  
\$3,000 - \$1,500 for 2 years - Abigail L Webster - Daughter of Mr. Matthew Webster, Gilbert, AZ - Brigham Young Univ.



**VHPA - 361st AVN Co "Pink Panthers" Heritage Scholarship**  
\$3,000 - \$3,000 for 1 year - Maggie G. Ratcliff, Carlinville, IL - Southern Illinois University



**VHPA-in honor of Anonymous Donor Heritage Scholarship**  
\$3,000 - \$3,000 for 1 year - Kacy A Cartwright - Grandchild of LTC Alvin Cartwright, Clermont FL - University of Central Florida



**VHPA-in honor of the Vietnam Helicopter Pilot & Crew Member Monument/ANC Heritage Scholarship**  
\$3,000 - \$3,000 for 1 year - Ben M Walker, Knoxville, TN - University of Tennessee Knoxville



**Vietnam Helicopter Pilots Association (VHPA) Heritage Scholarship**  
\$3,000 - \$3,000 for 1 year - Evan J. Smith - Grandchild of CW5 James Wise, Belleville MI - Virginia Tech University



**Vietnam Helicopter Pilots Association (VHPA) Heritage Scholarship**  
\$3,000 - \$3,000 for 1 year - Tyler A Law, Seguin, TX - Texas A&M



**Vietnam Helicopter Pilots Association (VHPA) Heritage Scholarship**  
\$3,000 - \$3,000 for 1 year - Patrick C Meehan, Charlotte, NC - North Carolina State University



**Vietnam Helicopter Pilots Association (VHPA) Heritage Scholarship**  
\$3,000 - \$3,000 for 1 year - Emily N Botnen, Roseville, CA - Point Park University



**Central Florida Chapter Matching Scholarship**  
\$3,000 - \$3,000 for 1 year - Robert S Catron - Grandchild of LTC Robert Catron, New Smyrna Beach FL - Florida Institute of Technology



**Central Florida Chapter Matching Scholarship**  
\$3,000 - \$3,000 for 1 year - Hannah R Howell - Daughter of Mr. Thomas Howell, Oviedo FL - University of Florida



**Central Florida Chapter Matching Scholarship**  
\$3,000 - \$3,000 for 1 year - Antoine T Lorenzo Ferguson II - Son of Mr. Antoine Ferguson, Oviedo FL - University of Florida



**Central Florida Chapter Matching Scholarship**  
\$3,000 - \$3,000 for 1 year - Alexa L Lacy - Daughter of COL Benjamin Lacy, Merritt Island FL - University of Florida



**Central Florida Chapter Matching Scholarship**  
\$3,000 - \$3,000 for 1 year - Valorie R Smith - Daughter of MAJ Donald Smith, Chuluota FL - University of Central Florida



**Central Florida Chapter Matching Scholarship**  
\$3,000 - \$3,000 for 1 year - Jenna Russo - Sibling of Mr. Jared Russo, Winter Springs FL - University of Central Florida



**Central Florida Chapter Matching Scholarship**  
\$3,000 - \$3,000 for 1 year - Megan L Werner - Daughter of CSM Jason Werner, Christmas FL - University Of St. Thomas



**Central Florida Chapter Matching Scholarship**  
\$3,000 - \$3,000 for 1 year - Sophia K Cheros - Daughter of Mr. George Cheros, Sanford FL - Denison University



**Connecticut Chapter Matching Scholarship**  
\$3,000 - \$3,000 for 1 year - Ariel Gibilario - Daughter of Mr. Noel Gibilario, North Branford CT - Texas A&M University



**Connecticut Chapter Matching Scholarship**  
\$2,500 - \$2,500 for 1 year - Justin R Sadowick - Son of CW4 Ronald Sadowick, Monroe CT - University of California Irvine



**Connecticut Chapter Matching Scholarship**  
\$2,500 - \$2,500 for 1 year - Emily Romanoff - Daughter of Mr. Chris Romanoff, Durham CT - Duke University

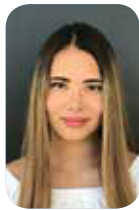


**Aviation Center Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Ryan T Griffin - Son of COL Dennis Griffin, New Brockton AL - Auburn University



**Connecticut Chapter I Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Sarah E Lukowski - Daughter of COL Jerry Lukowski, Amston CT - Suffolk University

# AAAA Scholarship Foundation 2018 Awardees



**Connecticut Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Chrissy Chow - Daughter of Mr. James Chow, Wallingford CT - University of Connecticut



**Mid-Atlantic/Monmouth Chapter (Ablett/Gobel) Memorial Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Kyle J Rembach - Son of Mr. Kevin Rembach, Whiting NJ - Rowan University



**Mid-Atlantic/Monmouth Chapter (Dean/Kelly) Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Lia M Paolucci - Daughter of LTC David Paolucci, Havre De Grace MD - Fordham University



**Tennessee Valley Chapter Christopher W. Gavora Memorial Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Lydia Stehle - Daughter of COL Brian Stehle, Owens Crossroads AL - Univ. of Alabama Huntsville



**Tennessee Valley Chapter COL Bill Powell Memorial Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Alexandria Danielle Swaine - Daughter of SGM David Swaine, Madison AL - Duke University



**Tennessee Valley Chapter CSM Isaac B. Sheffield Memorial Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Victoria L Stapleton - Daughter of CW4 Tracy Stapleton, Hampton Cove AL - Auburn University



**Tennessee Valley Chapter CW4 James V. Torney Memorial Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Andrew T Hipp - Grandchild of COL Gerald Hipp, Savannah GA - United States Military Academy at West Point



**Tennessee Valley Chapter Dianne Stephenson Memorial Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Elizabeth R Valentine - Daughter of Mr. John Valentine, Huntsville AL - University of Alabama at Birmingham



**Tennessee Valley Chapter LTC Steven D. Moore Memorial Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Dan C Carter - Son of LTC Charles Carter, Hampton Cove AL - University of Utah



**Tennessee Valley Chapter MAJ Jeffrey DeCarlo Memorial Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Riley J Hartwell - Daughter of CW4 Stuart Hartwell, Harvest AL - Auburn University



**Tennessee Valley Chapter Paul Bogosian Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Sarah M Switzer - Daughter of Mr. Michael Switzer, Madison AL - Auburn University



**Tennessee Valley Chapter Stan Cagle Memorial Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Jessica C Kozar - Daughter of Ms. Marcie Kozar, Huntsville AL - Auburn University



**Bell Corporate Matching Scholarship**  
\$2,000 - \$1,000 for 2 years - Elizabeth M Ryan - Daughter of COL Philip Ryan, Fort Campbell KY - Ithaca College



**Boeing Corporate Matching Scholarship**  
\$2,000 - \$1,000 for 2 years - Lauren E Tonn - Daughter of Ms. Amy Moore, Mesa AZ - Arizona State University



**S3 Inc. Corporate Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Courtney A Bratt - Daughter of LTC Richard Bratt, Madison AL - Brigham Young University



**Sikorsky (Igor Sikorsky) Corporate Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Veronica M Pantalone - Daughter of Mr. Joseph Pantalone, Guilford CT - Georgia Institute of Technology



**Sikorsky II (Igor Sikorsky) Corporate Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Ashley F Penczynzyn - Daughter of Mr. Alexander Penczynzyn, Wallingford CT - Sacred Heart Univ.



**COL James W. Lloyd Memorial Scholarship**  
\$2,000 - \$2,000 for 1 year - Emily R Graham - Daughter of LTC Andrew Graham, Fayetteville NC - Clemson University



**Aloha Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Sarah N Tingstrom - Daughter of LTC Peter Tingstrom, Kaneohe HI - Texas A&M University - Commerce



**Aloha Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Erica M Harris - Daughter of CW3 Joseph Harris, Wahiawa HI - Texas A&M University



**Arizona Chapter Dimmery-Koch Memorial Scholarship**  
\$2,000 - \$2,000 for 1 year - Katelynn F Roberts - Daughter of LTC Daniel Roberts, Chandler AZ - Montana State University



**Arizona Chapter Dimmery-Koch Memorial Scholarship**  
\$2,000 - \$2,000 for 1 year - Samuel H Webster - Son of Lt. Col. John Webster, Gilbert AZ - Arizona State University



**Arizona Chapter Dimmery-Koch Memorial Scholarship**  
\$2,000 - \$2,000 for 1 year - Jana E Vandenberg - Daughter of CW4 John Vandenberg, Mesa AZ - Arizona State University



**Arizona Chapter Dimmery-Koch Memorial Scholarship**  
\$2,000 - \$2,000 for 1 year - Lauren N Loftis - Daughter of Ms. Diana Loftis, Mesa AZ - Midwestern University



**Arizona Chapter Dimmery-Koch Memorial Scholarship**  
\$2,000 - \$2,000 for 1 year - Rachel C Robinson - Daughter of Mr. Dwayne Robinson, Mesa AZ - University of Arizona



**Connecticut Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Elise M Moreau - Daughter of Mr. Claude Moreau, Vernon CT - Virginia Polytechnic Institute and State University



**Connecticut Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Jayna M Pacelli - Daughter of Mr. John Pacelli, Trumbull CT - University of Delaware



**Flint Hills Chapter Arrowsmith 35 Memorial Scholarship**  
\$2,000 - \$2,000 for 1 year - Olivia K Belin - Daughter of LTC George Belin, Manhattan KS - University of Notre Dame



**Flint Hills Chapter SSG Devoy Memorial Scholarship**  
\$2,000 - \$2,000 for 1 year - Connor B Black - Son of COL Chris Black, Fort Riley KS - Hampden-Sydney College



**Gold Standard Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Shawn A Derossett - Son of SGT Michael DeRossett, Falls of Rough KY - Western Kentucky University Honors College



**Idaho Snake River Chapter CW4 Jon L. Hartway Memorial Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Jenna M. Russell - Grandchild of Maj A. Russell, Sandpoint ID - University of Montana



**Idaho Snake River Chapter CW4 Stien P. Gearhart Memorial Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Hanna G Sauer - Daughter of LTC John Sauer, Boise ID - Utah Valley University

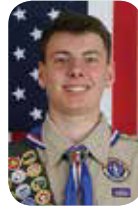
# AAAA Scholarship Foundation 2018 Awardees



**Jack H. Dibrell/Alamo Chapter Matching Scholarship**  
\$2,000 - \$1,000 for 2 years - Joshua A Cunningham - Son of LTC John Cunningham, San Antonio TX - University of Texas at San Antonio



**Jack H. Dibrell/Alamo Chapter Matching Scholarship**  
\$2,000 - \$1,000 for 2 years - Michael G Pratt - Grandchild of CW2 Clifford Hyatt, New Braunfels TX - Texas Tech University



**Southern California Chapter COL Jake Benjamin Memorial Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Paul Joseph Hudson - Son of LTC Craig Hudson, Fullerton - California State University, Long Beach



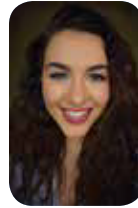
**Tennessee Valley Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Connor F Gilpin - Son of CW4 Sean Gilpin, Madison AL - Purdue University



**Tennessee Valley Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Olivia Flowers, Scottsboro, AL - University of Mississippi



**Tennessee Valley Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Madeline K Glosemeyer - Daughter of Mr. Paul Glosemeyer, Madison AL - University of Alabama in Huntsville



**Tennessee Valley Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Nicole E Matis - Daughter of Mr. Joseph Matis, Owens Cross Roads AL - University of Tennessee



**Tennessee Valley Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Lauren M Schlosser - Daughter of Mr. Brendan Schlosser, Madison AL - Auburn University



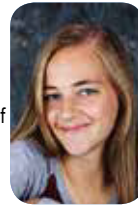
**Tennessee Valley Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Sarah B Bateman - Daughter of Mr. Michael Bateman, Harvest AL - Calhoun Community College



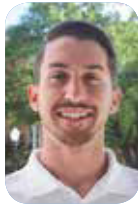
**Tennessee Valley Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Claudia P Stephens - Daughter of COL Gary Stephens, Brownsboro AL - Samford University



**Tennessee Valley Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Morgan R Kurowsky - Grandchild of Mr. Ronald Kurowsky, Madison AL - University of Alabama at



**Birmingham Tennessee Valley Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Shaun E Hartwell - Daughter of CW4 Stuart Hartwell, Harvest AL - Auburn University



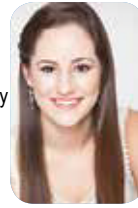
**Tennessee Valley Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Christopher W Davis - Son of COL Gerald Davis, Madison AL - University of Alabama



**Tennessee Valley Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Paige N Jacobson - Daughter of LTC Marc Jacobson, Madison AL - The College of William and Mary



**Tennessee Valley Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Gregory J Sheibley - Son of Mr. Robert Sheibley, Madison AL - University of Alabama at Birmingham



**Tennessee Valley Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Lydia G Rotenberger - Daughter of Mr. Kevin Rotenberger, Huntsville AL - University of Alabama at Birmingham



**Tennessee Valley Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Amanda L Munoz - Daughter of Mr. Daniel Munoz, Madison AL - University of Alabama



**Tennessee Valley Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - William P Kretzschmar - Son of Mr. Richard Kretzschmar, Huntsville AL - Auburn University



**Tennessee Valley Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - William L Robinson - Son of Mr. Randy Robinson, Taft TN - Purdue University



**Tennessee Valley Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Lindsey Marie Killen - Daughter of LTC Brad Killen, Killen AL - University of North Alabama



**Tennessee Valley Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Grace E Frost - Grandchild of Mr. Thomas Geoffroy, Union Grove AL - Illinois College



**Tennessee Valley Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Ella L. Rauer - Daughter of LTC Scott Rauer, Huntsville AL - The George Washington University



**Tennessee Valley Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Ethan A Wiggins - Son of Mr. George Wiggins, Harvest AL - University of Alabama in Huntsville



**Tennessee Valley Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Cristina I Northcutt - Daughter of Mr. Jeffrey Northcutt, Harvest AL - University of Alabama in Huntsville



**Tennessee Valley Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Ethan J Valley - Son of Mr. Daniel Valley, Huntsville AL - The University of Alabama at Birmingham



**Tennessee Valley Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Jacob Wieter - Son of Mr. Kent Wieter, Madison AL - Auburn University



**Tennessee Valley Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Emma E Hovanes - Daughter of Mr. Kenneth Hovanes, Huntsville AL - Auburn University



**Thunderbird Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Carly Rose Pindel - Daughter of SFC Richard Pindel, Moore OK - Mid-America Christian University



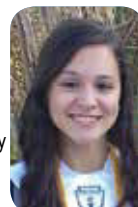
**Thunderbird Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Robert W Walker - Son of LTC Robert Walker, Tulsa OK - Oral Roberts University



**Thunderbird Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Dustin W Gabbert, Stillwater, OK - Oklahoma State University



**Voodoo Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Madeline B Plunkett - Daughter of COL John Plunkett, Covington LA - University of Alabama

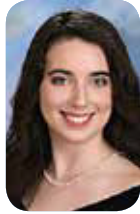


**Voodoo Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Hailey N Kosutic - Daughter of 1SG Robert Kosutic, Slidell LA - Louisiana State University

# AAAA Scholarship Foundation 2018 Awardees



**Voodoo Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Andrew I Oracz, New Orleans, LA - Louisiana State University Health Sciences Center School of Medicine



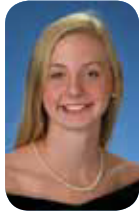
**Voodoo Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Elizabeth V. Krutzfeldt - Daughter of CW5 Matthew Krutzfeldt, Madisonville LA - Louisiana State University



**Voodoo Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Andrew Ivers Peterson - Grandchild of CW3 Russell Bourgoyne, Clinton LA - Louisiana State University



**Washington-Potomac Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Nelcy Denice D. Avila - Daughter of CW5 Fernando Avila-Gonzalez, Waldorf MD - Salisbury University



**Washington-Potomac Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Connor Elizabeth Wood - Daughter of Mr. Jerry Wood, Alexandria VA - University of South Carolina



**Washington-Potomac Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Connor M Smedley - Son of LTC Thomas Smedley, Springfield VA - Virginia Tech



**Washington-Potomac Chapter Matching Scholarship**  
\$2,000 - \$2,000 for 1 year - Brandon Bernard Brooks - Son of CSM Bernard Brooks, Fort Belvoir VA - University of North Georgia



**MSG Gary I. Gordon & SFC Randall D. Shugart Memorial Scholarship**  
\$1,500 - \$1,500 for 1 year - Travis Barrow, Orwigsburg, PA - Pennsylvania State University



**90th Anniversary of Fort Monmouth Scholarship**  
\$1,500 - \$1,500 for 1 year - James M Weaver - Son of COL Charles Weaver, Camden Wyoming DE - To be determined



**Lindbergh Chapter Matching Scholarship**  
\$1,500 - \$1,500 for 1 year - Zachary J Rickmeyer - Grandchild of Mr. Jaros Rickmeyer, St. Louis MO - University of Texas - Austin



**Lindbergh Chapter Matching Scholarship**  
\$1,500 - \$1,500 for 1 year - Mika J Reichert - Grandchild of LTC David Reichert, Bradenton FL - University of New Mexico



**Mid-Atlantic/Monmouth Chapter (COL James E. Young) Matching Scholarship**  
\$1,500 for 1 year - Drew N Isennock - Son of CW5 Albert Isennock, Darlington MD - Loyola University Maryland



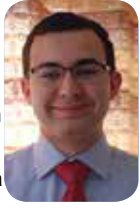
**Mid-Atlantic/Monmouth Chapter (Hogelin/O'Donnell) Matching Scholarship**  
\$1,500 - \$1,500 for 1 year - Emily N Stolarczyk - Daughter of CW5 Stephen Stolarczyk, Arnold MD - North Carolina State University



**Washington-Potomac Chapter (MG Carl McNair) Matching Scholarship**  
\$1,500 - \$1,500 for 1 year - Nicholas R Eidemiller, Arlington, VA - Harvard Kennedy School



**COL Charles L. Anderson, Ret. Scholarship**  
\$1,500 - \$1,500 for 1 year - Kala Richardson - Daughter of CW5 Herman Richardson, Wilmington DE - University of North Dakota



**MG Ostovich & Lucky Wright Scholarship**  
\$1,500 - \$1,500 for 1 year - Nicholas P Kline - Son of COL John Kline, Fairfax Station VA - Virginia Tech



**Aviation Center Chapter (Navigator Development Group Inc) Matching Scholarship**  
\$1,500 - \$1,500 for 1 year - Faith A Powell - Daughter of Mr. Christopher Powell, Enterprise AL - University of Alabama



**Aviation Center Chapter (Sikorsky - a Lockheed Martin Company) Matching Scholarship**  
\$1,500 - \$1,500 for 1 year - Casey Jon Paris - Son of CW4 Shawn Paris, Fort Rucker AL - Savannah College of Art and Design



**Lindbergh Chapter Matching Scholarship**  
\$1,500 - \$1,500 for 1 year - Jonathan D Rickmeyer - Grandchild of Mr. Jaros Rickmeyer, St. Louis MO - Saint Louis University



**Lindbergh Chapter Matching Scholarship**  
\$1,500 - \$1,500 for 1 year - Luke A Thibodeau - Son of Mr. Mark Thibodeau, Chesterfield MO - University of Missouri



**Tarheel Chapter 1SG John Hunter Memorial Matching Scholarship**  
\$1,500 - \$1,500 for 1 year - Rachel A Edwards - Grandchild of COL Terry Benson, Raleigh NC - Georgetown University



**Tarheel Chapter CPT Christopher M. Plummer Memorial Matching Scholarship**  
\$1,500 - \$1,500 for 1 year - Sarah Chen - Daughter of Mr. Daoyang Chen, Cary NC - Univ. of North Carolina School of Medicine



**Tarheel Chapter CW3 Kevin Hatcher Memorial Matching Scholarship**  
\$1,500 - \$1,500 for 1 year - Marcos C Edge - Son of CW2 Luis Jerezbreza, Raleigh NC - Wake Forest University



**Tarheel Chapter CW3 Richard B. James Memorial Matching Scholarship**  
\$1,500 - \$1,500 for 1 year - Bret N Avery - Son of SFC Brian Avery, Willow Spring NC - Western Carolina University



**Tarheel Chapter CW5 James "Freddy" Reeves Memorial Matching Scholarship**  
\$1,500 - \$1,500 for 1 year - Brian D Chen - Son of Mr. Daoyang Chen, Cary NC - University of North Carolina at Chapel Hill



**Tarheel Chapter CW5 Randy Watkins Memorial Matching Scholarship**  
\$1,500 - \$1,500 for 1 year - Luke H Ryals - Son of SFC Raymond Ryals, Clayton NC - North Carolina State University



**Thunder Mountain Chapter Matching Scholarship**  
\$1,500 - \$1,500 for 1 year - Ashley C Legoas - Daughter of CW4 Carlos Legoas, Fayetteville NC - University of North Carolina at Chapel Hill



**Thunder Mountain Chapter Matching Scholarship**  
\$1,500 - \$1,500 for 1 year - Nicholas N Rogers - Son of MAJ Patrick Rogers, Maryville TN - University of Tennessee



**Washington-Potomac Chapter Matching Scholarship**  
\$1,500 - \$1,500 for 1 year - Caitlyn Dorrer - Daughter of LTC Marc Dorrer, Rockville MD - St. Mary's College of Maryland



**Washington-Potomac Chapter Matching Scholarship**  
\$1,500 - \$1,500 for 1 year - Christine M Criqui - Daughter of COL Brett Criqui, Fort Belvoir VA - James Madison University



**Washington-Potomac Chapter Matching Scholarship**  
\$1,500 - \$1,500 for 1 year - Rylie N Smedley - Daughter of LTC Thomas Smedley, Springfield VA - Columbia College Chicago



**Washington-Potomac Chapter Matching Scholarship**  
\$1,500 - \$1,500 for 1 year - Jenna L.C. Huber - Daughter of COL Robert Huber, Manassas VA - University of Louisville

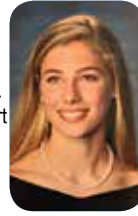
# AAAA Scholarship Foundation 2018 Awardees



**Washington-Potomac Chapter Matching Scholarship**  
\$1,500 - \$1,500 for 1 year - Kohen P Hernandez - Son of CW3 Kyle Hernandez, Woodbridge VA - Plymouth State University



**Washington-Potomac Chapter Matching Scholarship**  
\$1,500 - \$1,500 for 1 year - Kelsey E. Greene - Grandchild of LTC Robert Greene, Potomac Falls VA - Sam Houston State University



**Carolyn L. Chapman Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Emily V. Ettrich - Daughter of LTC Brian Ettrich, Whispering Pines NC - University of North Carolina at Chapel Hill



**COL John J. Stanko, Jr. Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Carly Wood - Daughter of BG David Wood, Lancaster PA - Temple University



**COL John W. Marr Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Jacklyn M Peterson - Daughter of MG Erik Peterson, Fort Hood TX - Northeastern University



**COL Russell Baugh Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - William T Auchincloss - Son of MAJ Paul Auchincloss, APO AE - To be determined



**Don and Ruth Luce Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Zeke M Rivas, Corpus Christi, TX - Bellevue University



**GEN Hamilton H. Howze Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Virginia Mele - Daughter of COL Paul Mele, Blacksburg VA - University of Mississippi



**Jane & Wayne Phillips Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Jamieson M Edmonds - Daughter of COL Neal Edmonds, Moseley VA - Virginia Tech



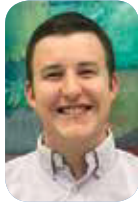
**Justin K. Bhansali Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Karson J Shields - Son of MAJ Kenneth Shields, Carrollton GA - Auburn University



**Air Assault Chapter COL (Ret.) Henry "Hawk" Ruth Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Taylor Carolyn Blasey - Daughter of Mr. Steven Blasey, Clarksville TN - University of Kentucky



**Air Assault Chapter COL Ted Crozier Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Samantha E Black - Grandchild of COL Henry Ruth, Springfield TN - Univ. of Tennessee at Chattanooga



**Air Assault Chapter CW5 (Ret.) George Arzente Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Jared C. Smith - Son of Mr. Chris Smith, Fort Campbell KY - The University of Tennessee



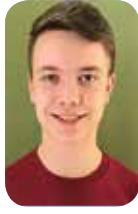
**Air Assault Chapter CW5 (Ret.) Robert L. Huffman Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Kara Q Wegner - Daughter of MAJ Dean Wegner, Brentwood TN - University of Tennessee



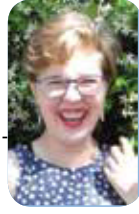
**Air Assault Chapter II Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Steven A. Jacobs - Son of CPT Art Jacobs, Brentwood TN - Lipscomb University



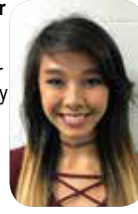
**Air Assault Chapter II Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Heidi Schuessler - Daughter of CW4 Peter Schuessler, Pleasant View TN - University of Tennessee at Chattanooga



**Colonial Virginia Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Garrett A Frazier - Son of LTC James Frazier, Williamsburg VA - Virginia Tech



**Greater Atlanta Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Mackenzie L Miller - Daughter of MAJ Jeffrey Miller, Peachtree City GA - Georgia Southern University



**Lindbergh Chapter - Past Presidents Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Lalita A Andrews - Daughter of Mr. Frim Andrews, Wright City MO - Central Methodist University



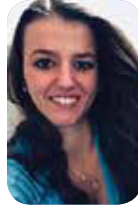
**Mid-Atlantic Chapter (Carnes-Roache) Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Emily Hirschman - Daughter of COL Keith Hirschman, White Salmon WA - The Chicago School of Professional Psychology



**Mid-Atlantic Chapter 244th Expeditionary Combat Aviation Brigade Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Emily R Galloway - Grandchild of Mr. Chester Galloway, Keyport NJ - Seton Hall University



**Mid-Atlantic Chapter 29th Combat Aviation Brigade Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Christian M Elmer, Carneys Point, NJ - Virginia Tech



**Mid-Atlantic/Monmouth Chapter (MAJ R. Kahl-Winter) Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Destiny Rose Sheard - Daughter of COL John Sheard, Jackson NJ - Rowan University



**North Texas Chapter Edwin "Ed" A. Link Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Jordan Gilligan - Daughter of Mr. Jason Gilligan, Rockwall TX - Texas A&M



**North Texas Chapter George H. Schultz Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Jonathan Chais - Grandchild of CPT John Honaker, Southlake TX - University of North Texas



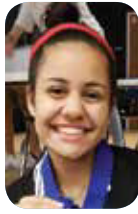
**North Texas Chapter Lawrence "Larry" D. Bell Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Taylor J Slagle - Grandchild of LTC Jim Wingate, Fort Worth TX - University of Arizona



**North Texas Chapter LTG Bob Williams Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Naomi Ayala - Spouse of SSG Josh Ayala, Arlington TX - University of Texas at Arlington



**North Texas Chapter Mike Kawa Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Peter Gray Smith, Dallas, TX - Southern Methodist University



**North Texas Chapter Red River 44 Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Alexis N Hohman, Irving, TX - University of Dallas



**Phantom Corps Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Hannah C Lieber - Daughter of CW3 Matthew Lieber, Killeen TX - Texas A&M University



**Stonewall Jackson Chapter (SSG Darryl D. Booker) Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Caleb Douglas Straley - Grandchild of CW4 Ronald Maisch, Louisa VA - Christopher Newport University



**Volunteer Chapter 1LT Thomas Williams, Jr. Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Kiely A Long - Daughter of CW2 Dale Long, New Tazewell TN - Walters State Community College



# AAAA Scholarship Foundation 2018 Awardees



**Volunteer Chapter CPT Marcus Alford Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Aubrey J P Bloom, Murfreesboro, TN - Middle Tennessee State University



**Volunteer Chapter CW2 Billie Jean Grinder Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Delaney R Bredehoeft - Grandchild of CAPT Fred Bredehoeft, Independence MO - Texas Christian University



**Volunteer Chapter CW3 Tim Flanigan Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Liam R McFadden - Son of COL Michael McFadden, Jamesville NY - Virginia Tech



**Volunteer Chapter CW4 Dan Cole Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Catherine O Laster - Daughter of LTC Edwin Laster, Savannah GA - Georgia Institute of Technology



**ACME Aerospace Corporate Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Connor O Murphy - Son of COL Stephen Murphy, El Paso TX - Villanova University



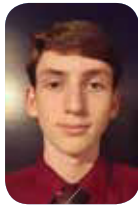
**Art and Doty Kesten AAPI Corporate Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Kristina M Bone - Daughter of LTC Jack Bone, Apo AE - University of Tennessee Knoxville



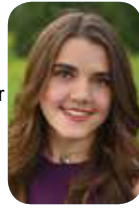
**Bannister Enterprises Corporate Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Abby L Sigurdson - Daughter of MAJ Alan Johnson, Olivia MN - Bethel University



**CSRA Corporate Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Meredith E Ward - Daughter of COL Chad Ward, Niceville FL - University of Alabama



**Donaldson Company, Inc., Aerospace & Defense Corporate Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Aaron C Bradow - Son of Mr. Ernest Bradow, Cedar Hill MO - University of Missouri St. Louis



**Dyncorp International Corporate Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Molly M Golden - Daughter of MAJ Michael Golden, Lakeville MN - West Point



**Meggitt Defense Systems Corporate Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Riley E Hines - Daughter of COL Kelly Hines, Fort Rucker AL - University of Alabama



**Robertson Research Group, Inc. Corporate Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Nicole E Melnyk - Daughter of COL Richard Melnyk, West Point NY - George Washington University



**The Timken Aerospace Transmissions LLC-Purdy Systems Corporate Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Christopher R Gibb, Glastonbury, CT - University of Massachusetts Amherst



**The WO1 Arthur F. Chaney Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Logan H Bergeron - Daughter of MAJ Robert Bergeron, Enterprise AL - Auburn University



**Vencore, Inc. Corporate Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Jessica L Ramos - Daughter of CW4 Jeffrey Macauley, Federal Way WA - University of Colorado Boulder



**Vertex Aerospace Corporate Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Grace T Long - Daughter of MAJ Patrick Long, Huntsville AL - Harding University



**Vertol Systems Corporate Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Caitlyn N Albus - Daughter of COL Christopher Albus, Harker Heights TX - Texas Tech University



**"The Originals" Cub Club Heritage Scholarship**  
\$1,000 - \$1,000 for 1 year - Chloe R Hoover - Daughter of CW4 Brian Hoover, Gig Harbor WA - Washington State University



**7/17th Cavalry Association Heritage Scholarship**  
\$1,000 - \$1,000 for 1 year - Clayton James Downey - Son of LTC Christopher Downey, Ambler PA - The Pennsylvania State University



**Mike Novosel Dustoff Association Heritage Scholarship**  
\$1,000 - \$1,000 for 1 year - Devon R Nielsen - Spouse of CW3 Ryan Nielsen, Tucson AZ - Pima Community College



**Otter-Caribou Heritage Scholarship**  
\$1,000 - \$1,000 for 1 year - Jamie N Calder, Midlothian, TX - University of Mary Hardin - Baylor



**Otter-Caribou Heritage Scholarship**  
\$1,000 - \$1,000 for 1 year - Zackary Shriner - Grandchild of MAJ David Shriner, Moody TX - Arizona State University



**TCAA (Transportation Corps Aviation Association) Heritage Scholarship**  
\$1,000 - \$1,000 for 1 year - Samantha A Hamontree - Daughter of LTC George Hamontree, Riverview FL - Florida Southern College



**The Army Aviation Heritage Foundation Sky Soldiers Scholarship**  
\$1,000 - \$1,000 for 1 year - Melanie N Monaghan - Daughter of CW3 Michael Monaghan, Enterprise AL - Auburn University



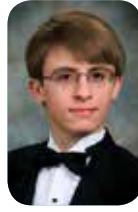
**Vietnam Helicopter Pilots Association of Florida Heritage Scholarship**  
\$1,000 - \$1,000 for 1 year - Cynthia Rountree - Grandchild of LTC Thomas Rountree, Hernando FL - Flagler College



**1LT Kathryn M. Bailey Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Michael E Frost - Son of COL John Frost, Conway AR - University of Central Arkansas



**CW4 Jimmy B. Johnston & Family Scholarship**  
\$1,000 - \$1,000 for 1 year - Hannah M Curry - Daughter of Mr. James Curry, Corpus Christi TX - Texas A&M University - College Station



**COL Larry and Julie Holcomb Scholarship**  
\$1,000 - \$1,000 for 1 year - Logan T Smith - Son of COL Stanley Smith, Enterprise AL - Auburn University



**COL Lewis J. and Betty L. McConnell Scholarship**  
\$1,000 - \$1,000 for 1 year - Christian L Fontanez-Virella - Son of LTC Luis Fontanez, Columbus GA - Georgia Institute of Technology



**CW3 Stephen A. Hansen Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Bruce A Cross, Camden, SC - Francis Marion University



**CW4 Jimmy B. Johnston & Family Scholarship**  
\$1,000 - \$1,000 for 1 year - Allison P Lanceta - Daughter of COL Allan Lanceta, Corpus Christi TX - Mississippi State University



**CW4 Richard E. Campbell Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Maria L Longoria - Daughter of CW4 David Longoria, Fort Rucker AL - Georgia Institute of Technology

# AAAA Scholarship Foundation 2018 Awardees



**Dianne Stephenson Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Jaci N Huckabee - Daughter of MAJ Justin Huckabee, Fort Leavenworth KS - Pittsburg State University



**Frank H. Radspinner Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Kelsey Gilligan - Daughter of Mr. Jason Gilligan, Rockwall TX - Texas A&M



**Jim and Joyce Hesson Scholarship**  
\$1,000 - \$1,000 for 1 year - Kelly S Jones - Grandchild of MAJ Herschel Jones, Westminster MA - University of California, Berkeley



**Johnnie Maule Segars Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Elisabeth C Bianchi - Daughter of LTC John Bianchi, Westerly RI - University of Rhode Island



**LTC Thomas F. & Ann Y. McNamara Scholarship**  
\$1,000 - \$1,000 for 1 year - Ashley L Gibson - Daughter of MSG Samuel Gibson, Enterprise AL - Auburn University



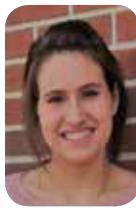
**Sandra Ann Emerson Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Mary C Light - Daughter of SFC Billy Light, Enterprise AL - University of Montevallo



**Terry & Bonnie Reininger Scholarship**  
\$1,000 - \$1,000 for 1 year - Harry J Hewson - Son of COL Harry Hewson, Fort Worth TX - University of Miami



**Wes Lematta Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Sarah J Levine - Daughter of COL Mark Levine, Enterprise AL - Auburn University



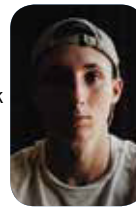
**Air Assault Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Emerson M Conner - Daughter of CW4 Terry Hill, Clarksville TN - University of Tennessee at Martin



**Air Assault Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Sydney S Karls - Daughter of CW5 Justin Karls, Adams TN - University of Tennessee Knoxville



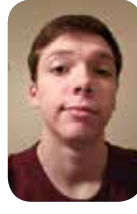
**Air Assault Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Elayne Benson - Daughter of CW4 Patrick Benson, Clarksville TN - Presbyterian College



**Air Assault Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Dylan B Edwards - Son of CW4 Patrick Edwards, Fort Campbell KY - University of Arizona



**Air Assault Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Noemi K Cerritos Gatto - Daughter of SFC Henry Cerritos Caceres, Fort Campbell KY - Marymount University



**Air Assault Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Caleb M Sommers - Son of 1SG James Sommers, Big Rock TN - Murray State University



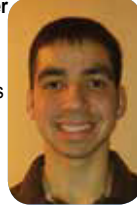
**Aviation Center Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Matthew J Campbell - Son of COL John Campbell, Enterprise AL - Auburn University



**Aviation Center Chapter (Strike Hawk Aviation, LLC) Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Ashley Powell - Daughter of Mr. Christopher Powell, Enterprise AL - University of Alabama



**Aviation Center Chapter (Boeing) Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Joseph J Pavelites - Son of MAJ Joseph Pavelites, Ft. Rucker AL - University of Alabama



**Aviation Center Chapter (General Electric) Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Christopher M Boyle - Son of CW4 Michael Boyle, Enterprise AL - Auburn University



**Aviation Center Chapter (Northrop Grumman) Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Joshua W Cox - Grandchild of CW3 Robert Cox, Enterprise AL - University of South Florida



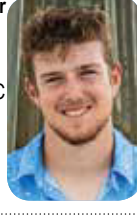
**Aviation Center Chapter (Northrop Grumman) Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Susan M Wagner - Spouse of CW4 Jonathan Wagner, Enterprise AL - Troy State University



**Aviation Center Chapter M1 Support Services Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Kathryn Holcek - Grandchild of COL Everette Roper, Enterprise AL - Auburn University



**Aviation Center Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Michaela R Bardolf - Daughter of LTC Michael Bardolf, Enterprise AL - Auburn University



**Aviation Center Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Nathaniel E. Light - Son of SFC Billy Light, Enterprise AL - Virginia Military Institute



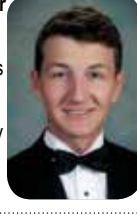
**Aviation Center Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Gabriel A Ramirez - Son of Mr. Berry Ramirez, Daleville AL - University of Alabama at Birmingham



**Aviation Center Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Casey Danielle Doerer - Daughter of Mr. Robert Doerer, Enterprise AL - Auburn University



**Aviation Center Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Sandra P Patronas - Daughter of 1SG Anthony Patronas, Enterprise AL - University of Alabama



**Aviation Center Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - William A Bishop - Son of LTC Anthony Bishop, Enterprise AL - University of South Alabama



**Aviation Center Chapter Systems, Studies & Simulation (S3) Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Leslie A Whited - Daughter of Mr. Benjamin Patterson, Enterprise AL - Enterprise State Community College



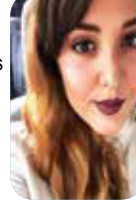
**Aviation Center Chapter URS Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Robert Waddington Hutson - Son of Mr. Robert Hutson, Enterprise AL - University of Alabama



**Badger Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Kathryn A Boaz - Sibling of CPT Sarah Latza, Watertown WI - University of Wisconsin - Milwaukee



**Badger Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Elizabeth A Feinas - Grandchild of Mrs. Jan Prielzel, West Allis WI - Mount Mary University



**Bluegrass Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Lauren Cobo, Lexington, KY - University of Kentucky College of Law

# AAAA Scholarship Foundation 2018 Awardees



**Colonial Virginia Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Jessica L Link - Daughter of Mr. David Link, Williamsburg VA - William and Mary



**Colonial Virginia Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Victoria P Carson - Grandchild of CW4 Harold Gay, Lanexa VA Campbell University



**Corpus Christi Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Lelaina N Aguirre - Daughter of CW3 Ralph Aguirre, Corpus Christi TX - Texas Woman's University



**Corpus Christi Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Dylan R Turner - Son of SSG Zeke Rivas, Corpus Christi TX - Texas A&M University Corpus Christi



**Corpus Christi Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Brianna R Rabagos - Grandchild of PO3 Juan De La Cruz, Corpus Christi TX - Delmar College



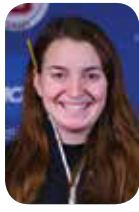
**Corpus Christi Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Jenifer M Morales - Daughter of Ms. Lisa Morales, Corpus Christi TX - Barnard College of Columbia University



**Delaware Valley Chapter - Harry McGinness Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Brynn E Slicer - Daughter of CW3 Christopher Slicer, Newark DE - University of New Haven



**Delaware Valley Chapter - Harry McGinness Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Catherine E Reedy - Daughter of Mr. J. Brett Reedy, Lansdale PA - Pennsylvania State University



**Delaware Valley Chapter - Harry McGinness Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Elizabeth J Labows - Daughter of CAPT Steven Labows, Media PA - Swarthmore College



**Delaware Valley Chapter - Harry McGinness Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Olivia L Labows - Daughter of CAPT Steven Labows, Media PA Virginia Commonwealth University



**Delaware Valley Chapter - Harry McGinness Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Kristen E Morris - Daughter of Mr. Dennis Morris, Thornton PA - Pennsylvania State University



**Delaware Valley Chapter - Harry McGinness Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Megan K Morris - Daughter of Mr. Dennis Morris, Thornton PA - Pennsylvania State University



**Delaware Valley Chapter - Harry McGinness Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Kyra D Swartz - Grandchild of CW5 Richard Crosley, Pottstown PA - Virginia Tech



**Delaware Valley Chapter - Harry McGinness Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Kiley S Swartz - Grandchild of CW5 Richard Crosley, Pottstown PA - Virginia Tech



**Delaware Valley Chapter - Harry McGinness Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Stefanie Stewart - Grandchild of BG Ronald Stewart, Wilmington DE - University of North Georgia



**Delaware Valley Chapter - Harry McGinness Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Colton R Stinger - Son of COL Russell Stinger, Elizabethtown KY - University of Louisville



**Don Munsch - Jimmy Doolittle Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Hannah M Massar - Daughter of MAJ Steven Massar, Mt. Pleasant SC - University of South Carolina



**Idaho Snake River Chapter CPT Ed W. Freeman Memorial Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Joshua A Brophy - Son of COL William Brophy, Coeur D Alene ID - Boston University



**Keystone Chapter CW2 Jarett M. Yoder Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Christopher J Hilty - Son of MG Timothy Hilty, Lebanon PA - Temple University



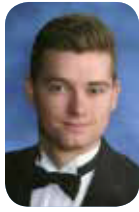
**Keystone Chapter Gun 23 Memorial Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Thomas A Gamble - Grandchild of CW4 James Braun, Newville PA - Mount Saint Mary's University



**Keystone Chapter 104th Aviation Regimental Mess Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Samantha M Henson - Daughter of CW3 Christopher Henson, Richland PA - Brigham Young University-Idaho



**Keystone Chapter 628th ASB Reg Mess Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Robert P Donnelly - Son of COL Robert Donnelly, Mechanicsburg PA - University of Oklahoma



**Keystone Chapter Aircrafters Inc. Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Louis J Estrella - Grandchild of CW4 Terrance Bale, Apalachin NY - University at Buffalo



**Keystone Chapter EAATS Mysic Assoc. Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Camden R Williams - Daughter of CW4 James Williams, Palmyra PA - Penn State Harrisburg



**Keystone Chapter Ernest D. Carlson Memorial Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Zachary G Adams - Son of CW4 Richard Adams, Harrisburg PA - Embry-Riddle Aeronautical University



**Keystone Chapter UGI Utilities Inc. Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Morgen E Fogg - Daughter of CW4 Joseph Fogg, Palmyra PA - University of Pittsburgh



**MacArthur Chapter COL Vincent J. Albanese Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Meagan D. Loyst - Daughter of Mrs. Louise Loyst, Bohemia NY Boston College



**MacArthur Chapter SGM Edward Roberts Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Katie Ann Zimmermann, Northport, NY - Marist College



**Minuteman Chapter CW3 Terry Knight Memorial Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Becca L J Schalpi - Grandchild of MAJ Herschel Jones, Westminster MA - The Ohio State University



**Minuteman Chapter CW5 Phil Reeves Memorial Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Rachel M Hutter - Daughter of Mr. Ron Hutter, Lynn MA - Ohio State University



**Minuteman Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Shauna A L Coppinger - Spouse of CW2 Matthew Coppinger, Lynn MA - Northeastern University



**North Star Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Joseph J Beckmann - Son of LTC James Beckmann, Faribault MN - Drake University

# AAAA Scholarship Foundation 2018 Awardees



**North Star Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Michael J Beckmann - Son of LTC James Beckmann, Faribault MN - University of Minnesota Medical School



**North Star Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Margaret M Beckmann - Daughter of LTC James Beckmann, Faribault MN - College of Saint Benedict



**North Star Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Ruth M Fix - Daughter of LTC Gregory Fix, Inver Grove Heights MN - Inver Hills Community College



**North Texas Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Peyton M Lane - Grandchild of CPT John Honaker, Southlake TX - Western State Colorado University



**North Texas Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Bailey N Crowley - Daughter of CW4 Michael Crowley, Kennedale TX - Tarleton State University



**North Texas Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Julia S Raburn - Daughter of Mr. Ross Raburn, Fort Worth TX - Tarleton State University



**North Texas Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Kara S Healey - Daughter of CW3 John Healey, Keller TX - Texas Tech University



**North Texas Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Thomas F Healey - Son of CW3 John Healey, Keller TX - TexasA&M University



**North Texas Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Ashley G Ward - Daughter of Mr. Wade Ward, N Richland Hills TX - Trinity University



**North Texas Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Rachel Goodman - Daughter of Mr. Kendall Goodman, Southlake TX - University of Arkansas



**North Texas Chapter Sidney Achee "The Originals" Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Michael A Buehrer - Son of CW4 Christopher Buehrer, McKinney TX - University of North Texas



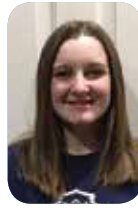
**Old Tucson Chapter 1LT Steven J. Jordon Memorial Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Aaron Florescinas, Tucson, AZ - Grand Canyon University



**Old Tucson Chapter CW3 Gregory A. Clevenger Memorial Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Mackenzie M Satterfield - Daughter of CW3 Jack Satterfield, Tucson AZ - Arizona State University



**Old Tucson Chapter LTC Benny Cobb Memorial Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Shannon E. Lynch - Daughter of COL John Lynch, Tucson AZ - University of Alabama at Birmingham



**Oregon Trail Chapter Raymond F. Rees Leadership Scholarship**  
\$1,000 - \$1,000 for 1 year - Amy Jean Sims - Grandchild of COL Herbert Sims, Salem OR - George Fox University



**Phantom Corps Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Tamra Seib - Spouse of CW3 Anthony Seib, Killeen TX - Texas A&M- Central Texas



**Pikes Peak Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Ellen Hoff - Daughter of COL Bryan Hoff, Colorado Springs CO - University of Minnesota - Twin Cities



**Pikes Peak Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Ashlyn M Fowler - Daughter of MSG Brady Fowler, Elizabeth CO - Colorado State University



**Pikes Peak Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Sullivan S Nevada - Daughter of CW5 Michael Nevada, Manitou Springs CO - Washington State University



**Rio Grande Chapter CW4 Keith Yoakum Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Jenny S Natalio - Spouse of CW3 Emilio Natalio, El Paso TX - University of Texas at Arlington



**Rio Grande Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Christopher J Oswald, Commercial Point, OH - Ohio State University



**Tarheel Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Anne O Leroy - Daughter of Mr. Douglas LeRoy, Holly Springs NC - Appalachian State University



**Tarheel Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Abigale Farina - Daughter of CW3 Roger Farina, Sanford NC - Campbell University



**Tarheel Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Anna K Scott - Grandchild of COL Terry Benson, Raleigh NC - University of Tennessee Martin



**Tarheel Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Catherine C Earp - Grandchild of COL Terry Benson, Raleigh NC - University of North Carolina at Chapel Hill



**Tarheel Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Lauren E Collins - Daughter of MAJ Benny Collins, Wake Forest NC - Appalachian State University



**Thunder Mountain Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Ayumi J Davis - Daughter of SGM Danny Davis, APO AP - Roosevelt University



**Thunderbird Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Havyn R Phillips - Grandchild of CW3 Timothy Hunt, Lexington OK - University of Oklahoma



**Thunderbird Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Brian L Phillips - Son of CPT Brian Thacker, Norman OK - University of Oklahoma



**Thunderbird Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Michaela A Hardin - Daughter of CW5 Timothy Hardin, Norman OK - University of Oklahoma



**Thunderbird Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Caleb Michael Phillips - Son of CW3 Steven Phillips, Owasso OK - Oklahoma State University



**Wright Brothers Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Peyton Lane - Grandchild of LTC Kenneth Rider, Marion OH - Arizona State University

# AAAA Scholarship Foundation 2018 Awardees



**Wright Brothers Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Nora Fitzgerald - Grandchild of CPT Walter Kohls, Mason OH - Cincinnati State



**Wright Brothers Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Sara C Kohls - Grandchild of CPT Walter Kohls, Mason OH - Wittenberg University



**Wright Brothers Chapter Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Hannah A Cole - Daughter of COL Kenneth Cole, APO AE - George Mason University



**Zia Chapter - Michael Montoya Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Kari N Brokovich - Grandchild of COL Michael Brokovich, Abilene TX - Texas A&M University Corpus Christi



**AAAA Delaware Valley Top Chapter Scholarship**  
\$1,000 - \$1,000 for 1 year - Madeline Goodfellow - Daughter of CW3 Richard Ivey, Columbus GA - Columbus State University



**AAAA Mid-Atlantic Top Chapter Scholarship**  
\$1,000 - \$1,000 for 1 year - Zachary K Bradley - Son of Mr. Mark Bradley, Shrewsbury NJ - University of Nottingham



**AAAA Prairie Soldier Top Chapter Scholarship**  
\$1,000 - \$1,000 for 1 year - Taylor J Greathouse - Daughter of CW4 Matthew Greathouse, Giltner NE - University of Nebraska-Kearney



**AAAA Tennessee Valley Top Chapter Scholarship**  
\$1,000 - \$1,000 for 1 year - Thomas E Oliver - Son of Mr. Thomas Oliver, Harvest AL - University of South Alabama



**Families of the Fallen Scholarship**  
\$1,000 - \$1,000 for 1 year - Lauren M Cole - Daughter of CW4 Daniel E. Cole, (deceased,) Knoxville TN - Harding University



**Families of the Fallen Scholarship**  
\$1,000 - \$1,000 for 1 year - Ruth Ann Krug - Wife of PFC Jacob J. Wolverton, (deceased,) Fort Collins, CO - Colorado State University



**AAAA Life Member (COL Ronald H. Merritt, Ret.) Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Avienda M Welch - Daughter of CW2 Michael Welch, APO AE - Brigham Young University



**AAAA Life Member (COL Stanley D. Cass, Ret.) Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Katelyn D Engen - Daughter of SFC Wayne Engen, Ball LA - Louisiana Tech University



**AAAA Life Member (LTC Thomas McGregor, Ret.) Memorial Scholarship**  
\$1,000 - \$1,000 for 1 year - Dillon W Gilbert - Son of Mr. Michael Stanley, Owens Cross Roads AL - Auburn University



**Northrop Grumman Corporate Matching Scholarship**  
\$1,000 - \$1,000 for 1 year - Erin N Chase - Daughter of COL Kenneth Chase, APO AP - American University of Rome

Thank you to ALL of our Scholarship Donors.  
**YOU** make all of this possible!

## 2019 Army Aviation Mission Solutions Summit



# Save the Date!

April 14-16, 2019 | Gaylord Opryland Hotel & Convention Center, Nashville, TN

[quad-a.org](http://quad-a.org) - #19SUMMIT

Sponsored by Army Aviation Association of America

## NEWS SPOTLIGHT

# HAATS Joins Colorado Spring Fire Mission

The Colorado National Guard (CONG) has supported the Spring Fire since July 1, 2018, providing capabilities to include: security personnel for traffic control points and roving patrols; two UH-60 Black Hawk helicopter crews and aircraft each equipped with aerial water buckets; geological information system operators; as well as, refueling crews with Heavy Expanded Mobility Tactical Truck (HEMTT) refueling trucks and firefighters with HEMTT firefighting vehicles.

The CONG has been providing an aviation search and rescue standby capability in support of the Rocky Mountain Area Coordination Center since July 1. The High-Altitude Army National Guard Aviation Training Site facility in Gypsum, Colorado, is supporting the mission which is rapid response to aviation search and rescue missions, primarily for firefighter safety, in support of multiple wildfire responses throughout Colorado.

On order of the Governor, the standing Joint Task Force Centennial commands and integrates CONG forces to support civil authorities in assisting Colorado, or supported states, during times of crisis and disaster, to save lives, prevent suffering, and mitigate great property damage.

*Above: Two UH-60 Black Hawk helicopter crews and aircraft, equipped with aerial water buckets, from the Chief Warrant Officer 5 David R. Carter Army Aviation Support Facility based at Buckley Air Force Base, Aurora, Colorado, depart the Spring Fire helibase, in Fort Garland, CO, to support fire suppression efforts July 3, 2018. Left: A Colorado National Guard UH-60 Black Hawk crew pauses their firefighting efforts as the airspace is cleared while a plane drops slurry to support fire suppression efforts July 4, 2018.*



U.S. ARMY NATIONAL GUARD PHOTO BY TECH 1ST MIDDLE HANZWARDES

U.S. ARMY NATIONAL GUARD PHOTO BY SGT MARC BEO



## 14<sup>th</sup> Luther G. Jones Army Aviation Depot Forum



**Register Today!**  
**Online Registration Closes 10/20!**

**LUNCH  
CUTOFF IS  
10/10!**

October 24-25, 2018 - Corpus Christi, TX - [quad-a.org/18LutherJones](http://quad-a.org/18LutherJones)

## The Director

By Mark Albertson

*It was as if he was born into the concept of mobility; coming into this world in an era of saddles, sabers and stirrups, and leaving behind helicopters, missiles and headwork into a concept that would revolutionize mobility in war. . .*

*Mark Albertson*



The First Director of modern Army Aviation was a product of the Army. His father, Robert Lee Howze, was a former commandant of cadets at West Point and a Medal-of-Honor recipient. Hamilton graduated from West Point in 1930; then, on to the 7th Cavalry at Fort Bliss. He attended the Cavalry School at Fort Riley, Kansas; and, took in marriage Mary Ingraham Henry, daughter of the commandant of the Cavalry School. In 1938, Howze was assigned to the Philippines for two years; upon his return to the States he was assigned to the 3rd Cavalry at Fort Myer.

Following the Japanese attack on Pearl Harbor, Major Howze was assigned to Armor; 8th Armored Division followed by the 1st Armored Division as G3 (Operations). In November 1942, he landed at Oran as part of Operation: TORCH; and following the North African campaign – Italy. During the war, Howze kept within reach *The Principles of War* by Carl von Clausewitz. As he notes, “. . . the great clarity, its classic literary style, and the military genius of the author, I found the book eminently sustaining during times of stress . . .”

The defeat of the Axis saw Colonel Howze eventually attached to the Pentagon, G2 (Intelligence). He was promoted to brigadier general in 1952; and became Deputy Chief of Operations, 7th Army HQ, Stuttgart, Germany under Lieutenant General Anthony McAuliffe. Howze oversaw the rewriting of the operational plans for the defense of southern Germany in response to a surprise attack by Warsaw Pact forces. In the meantime, he decided to learn to fly.

### The First Director

Yet Howze’s three-year tour in Germany was cut short five months; and, in February 1955, he was back at the Pentagon, sitting with Lieutenant General James M. Gavin. Howze became Chief of the Aviation Division, G3, Headquarters, Department of the Army – in essence, the first Director of Army Aviation. “I was blessed to have in my office,” stated Howze, “the Army Aviation Directorate of G3, an excellent staff (Dutch Williams, Glenn Goodhand, Carl Rowan, Ford Alcorn, Trigger Trig, Jim Wells, Paul Greenway), all seasoned pilots, smart, good-humored, tolerant of a beginner as a boss . . . true believers in Army Aviation.”

General Howze, as did his staff, understood the political reality vis-a-vis the Air Force: massive retaliation was cloaked in that shining garment of



*Poster child expression of Army Aviation independence: The Cobra*

reality known as the New Look Defense; which, in essence, bestowed upon the “Bomber Mafia” first string status in wielding the nuclear option for strategic deterrence. In other words, the intercontinental bomber force boasted that capability of bombing any challenger “back into the Stone Age” – to coin a once popular phrase.

Like any other human endeavor, war has an ebb and flow which breeds a changeableness which inevitably affects the constant; a reality to which Hamilton Howze was no stranger. In other words, America’s intercontinental bomber advantage was but a transient phase in that protracted Cold War competition between Washington and Moscow. To think otherwise engenders the Maginot Mentality. As General Howze observed: “In the more distant future looms the probability of large, completely airmobile units – sky cavalry. The possibilities for its employment in the fluid phase of the ground struggle excite the imagination; as covering forces operating in front of heavier ground elements protecting long, vulnerable flanks of the main forces of the field army, striking enemy formations from unexpected directions with maximum surprise.”

### Spreading the Word

Among the methods of salesmanship used by Howze to spread the virtues of Army Aviation was obtaining copies of combat problems

for students at the Army Command and General Staff College at Fort Leavenworth, Kansas. And to these problems he added the factor of Army Aviation; how the utilization of aircraft could offer that decisive effect for the ground forces commander. Other customers, as offered by Howze, was “to my fellow inmates of the Pentagon – in fact, essentially to any Army Staff section that left its door unlocked, and some that didn’t.” This included various sections of the Army General Staff, Army Chief of R&D and even General Maxwell Taylor, Chief of Staff. Howze even broached the Army fixed wing purchases in excess of the 5,000 pound empty weight limit with the Secretary of the Army, Wilbur M. Bruckner and then with Secretary of Defense, Charles Wilson. And by the time General Howze was on his way to command the 82nd Airborne, “we had under procurement the twin-turboprop Grumman Mohawk (something like 12,000 pounds empty weight) surveillance aircraft and the Canadian de Havilland twin-engine light cargo aircraft (the Caribou, with an empty weight about 17,000 pounds) – a big step forward. Both aircraft eventually saw extensive (and very valuable) service in Vietnam.”

### The Rogers and Howze Boards

Then in April of 1960, the Rogers Board convened. Chaired by Lieutenant General Gordon Rogers, this committee devoted itself not to Army Aviation combat doctrine; rather, to the research and recommendations for the aircraft and equipment necessary for the tactical aerial requirements for the Army ground forces. General Howze, as a committee member, was able to affix an addendum, “Enclosure I to Section VII: The Requirements for Air Fighting Units.” The above, of course, would eventually lead to The Tactical Mobility Requirements Board; or, known popularly as, The Howze Board. Here Hamilton Howze was able to chart the course that would come to define modern Army Aviation... the Airmobility Concept, especially when it had the backing of the Secretary of Defense, Robert McNamara.

The 11th Air Assault Division (Test) was the fruit of the Howze Board’s efforts. And in July 1965, the division was activated for Southeast

## THE 11TH AIR ASSAULT DIVISION 64 OUTSTANDING AVIATION UNIT



Maj. Gen. Barry W.O. Kinnard  
Commanding General  
11th Air Assault Division



Brig. Gen. John M. Wright  
Ass't Division Commander  
11th Air Assault Division



Brig. Gen. Richard T. Knowles  
Ass't Division Commander  
11th Air Assault Division



Colonel Elvy S. Roberts  
Chief of Staff  
11th Air Assault Division

Result of the Howze Board: 11th Air Assault Division (Test)

Asia in the guise of the 1st Cavalry Division (Airmobile). In the fall of 1965, the airmobile division cut its teeth at Ia Drang; and soon, the attack helicopter would make its appearance.

The Army had come a long way in taming the Third Dimension for its tactical requirements. Transport helicopters for airmobility and attack helicopters to provide that tactical firepower to assist the footslogger. History, indeed, was repeating itself: The strategic bomber hastened the independence of the Air Force; while the helicopter helped to forge that doctrine of mobility that paved the way to branchhood for Army Aviation.

### Addendum

A point of clarification with regards to William Wallace Ford as the First Director of Army Aviation –

The June 1942 “Birth Certificate” was for Organic Air Observation for the Field Artillery; such was the June 6, 1942 Memorandum for the Commanding General, Ground Forces. No mention here as to Army Aviation. So, Colonel Ford became the First Director of Air Training. Technically, then, Hamilton Howze can be considered the first real Director of Army Aviation with the Army Aviation Division, G3, Headquarters, Department of the Army. But for the sake of simplicity and popular consumption, Army Aviation started June 6, 1942.

*Mark Albertson is the award-winning historian for Army Aviation Publications, Inc.*





## The Scholarship Foundation

# From The Treasurer

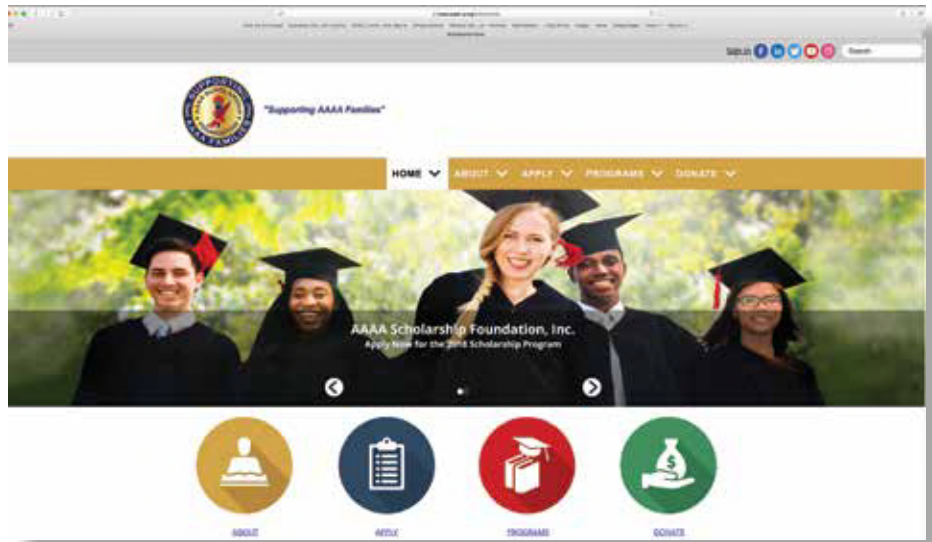
By COL Karen Lloyd, U.S. Army Retired

Just think how far the AAAA Scholarship program has come since its inception in 1963. It has provided \$7,548,875 in scholarships to 4,718 AAAA member related Soldiers, siblings, spouses, grandchildren, children and Families of the Fallen.

I'll bet you know of someone who has received a scholarship to further their undergraduate or graduate education. This level of support is only possible because of you! The Scholarship Foundation is very grateful to those who donate to support our deserving students, especially those who gave to the General Fund.

While the volunteers have just finished voting on the 2018 Scholarship winners applications, 2017 is a great example of this amazing program that benefits every AAAA member or their loved one. In 2017, 288 Scholarships were awarded and \$474,000 was distributed. The selection rate was 59% which is pretty amazing when you think about it. If you look at the selection rate when the relationship of the applicant to the sponsor is considered, it is great to see that our process reaches out to all. The selection rate for enlisted applicants was 54%, for warrant officers it was 56%, for commissioned officers it was 61%, and for civilian applicants it was 58%.

We are fortunate that our board of governors and officers are all volunteers which reduces our expenses. Aply lead by BG (Ret.) Tom Konitzer, the leader-



ship travels at their own expense to two key meetings a year and they also have monthly meetings by teleconference to keep your Scholarship Foundation moving forward. AAAA has been especially supportive of the scholarship program since its inception. In 2017 AAAA invested \$132,000 to cover our expenses which resulted in, as I previously mentioned, a direct benefit to 288 AAAA families of \$474,000. Over the last ten years (2008-2017) the total AAAA investment in the Scholarship Foundation was \$1,771,527 which directly benefited 2,334 families with \$3,675,296. Not a bad return on investment!

While today's total assets are around \$7M (I use the word "around" since 62% of our capital assets are in the stock market, which fluctuates daily); approximately \$5.5M of that makes up our permanently restricted funds which are established accounts that have been fully funded to produce scholarship awards every year in perpetuity. The remainder of our capital accounts are available to fund any scholarship. That brings me indirectly to matching funds and the big role chapters play in our scholarship program. In 2017, over \$85.7 K in match-

ing funds were provided to our chapters. These chapter scholarships are usually designated for applicants sponsored by their chapter members – an excellent benefit for every chapter's members and an opportunity for chapters to improve their scholarship selection rate. If you haven't checked into how active your chapter is with the scholarship program, you should consider that this could be an excellent time to get involved.

The AAA Scholarship Foundation continues to need your support. Whether it's donating through the Combined Federal Campaign or other work directed giving program, participating in chapter events that support scholarship efforts, voting the applicant files to determine the scholarship recipients, or serving at either the chapter or national level as a member of the Scholarship Board of Governors or committee member. There are lots of ways to get involved and the generosity of your time, resources, and talents will always be appreciated.

*COL (Ret.) Karen Lloyd is the treasurer and finance committee chair of the Army Aviation Association of America Scholarship Foundation, Inc.*



# Thank You to Our Scholarship Fund Donors



AAAA recognizes the generosity of the following individuals, chapters and organizations that have donated to the Scholarship Foundation since the beginning of the calendar year. 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!**

AAAA 2018 Summit Speakers  
 COL (Ret.) Sidney Achee  
 AAAA Air Assault Chapter  
 Airbus Group  
 Anne Allison  
 AAAA Aloha Chapter  
 AmazonSmile  
 AAAA Arizona Chapter  
 Army Aviation Association of America  
 Army Aviation Center Federal Credit Union  
 Army Otter Caribou Association, Inc.  
 Aspen Consulting Group  
 AAAA Aviation Center Chapter  
 BAE  
 Elisabetha Baugh  
 Bell  
 LTC (Ret.) Frank S. & Elaine H. Besson  
 Black Diamond Synergy LLC  
 The Boeing Company  
 James Brown, Sr.  
 John Burns  
 Cynthia Campbell  
 AAAA Colonial Virginia Chapter  
 Combined Federal Campaign  
 AAAA Connecticut Chapter  
 AAAA Corpus Christi Chapter  
 Walt Davis  
 DG Marketing, LLC  
 AAAA Delaware Valley Chapter  
 Digiflight, Inc.  
 James O. (Joe) Emerson  
 Erickson, Inc.  
 AAAA Flint Hills Chapter  
 Leslie H. Gilbert  
 AAAA Gold Standard Chapter  
 Greater Giving  
 Donald & Alestin Graham  
 Gerald L. Hess  
 Richard V. Holland  
 Terry R. & Raquel E. Horner  
 AAAA Idaho Snake River Chapter  
 Albert & Lisa Isenock  
 AAAA Jack Dibrell Alamo Chapter  
 JACS Acft Cert Specialists  
 JW Data, LLC  
 Arlo D. & Mary R. Janssen  
 Johnson & Johnson  
 Thomas M. Johnson  
 Jack Jordan  
 K-Con, Inc.  
 AAAA Keystone Chapter  
 Kinetic Defense Mfg., Inc.\*  
 Carl Kreisel

Scott Kubica  
 AAAA Lindbergh Chapter  
 LiteFighter Systems, LLC  
 Jodi Lynch  
 M1 Support Services  
 AAAA MacArthur Chapter  
 Robert Maiberger  
 Peter Martin  
 Marvin Test Solutions, Inc.  
 COL (Ret.) Lewis J. & Betty L. McConnell  
 LTC (Ret.) Thomas J. McNamara  
 Dirk Megchelse  
 AAAA Mid-Atlantic Chapter  
 Raymond Milora  
 AAAA Minuteman Chapter  
 Don Munsch  
 Munsch & Co. Aeromechanics  
 Network for Good  
 New Venture, Inc.  
 Northrop Gumman  
 Northstar Aerospace  
 AAAA North Star Chapter  
 AAAA North Texas Chapter  
 AAAA Old Tucson Chapter  
 Ostovich Enterprises, Inc.  
 K. W. Park  
 Patriot Taxiway Industries  
 Lawrence P. Peduzzi  
 Peduzzi Associates, Ltd.  
 AAAA Phantom Corps Chapter  
 Phantom Products, Inc.  
 LTG (Ret.) William & Marilyn Phillips  
 Piasecki Foundation  
 Pinnacle Solutions, Inc.\*  
 Diana Radspinner  
 Raytheon  
 Cameron Regur  
 AAAA Rio Grande Chapter  
 Rockwell Collins  
 AAAA Thunder Mountain Chapter  
 AAAA Thunderbird Chapter  
 Philip G. & Thuyen Rottenborn  
 Sheryl A. Rozman  
 Safran Helicopter Engines  
 Safran Electrical & Power  
 Safran U.S. A.  
 Latny L & Jonathan F. Salt  
 Sigmatech, Inc.\*  
 AAAA Southern California Chapter  
 Evelyn A. Soucek\*  
 Supply Chain  
 System Studies & Simulation, Inc.  
 AAAA Tarheel Chapter

AAAA Tennessee Valley Chapter  
 AAAA Thunder Mountain Chapter  
 COL (Ret.) Harry & Diana Townsend  
 United Way  
 Vanguard Charitable  
 Vertol Systems Company, Inc.  
 Vietnam Helicopter Pilots Association  
 AAAA Voodoo Chapter  
 AAAA Washington Potomac Chapter  
 AAAA Wright Brothers Chapter  
 COL (Ret.) Michelle Yarborough

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.



**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.

**Contribute to #10516.** See your unit CFC representative for details on participating in the CFC Program.



**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



## AAAA Chapter Affairs

*I greatly appreciate the support from MAJ Dustin Wilkie, the Prairie Soldier Chapter President for co-authoring and sharing this information with our membership.*



## The Prairie Soldier Chapter

The Prairie Soldier Chapter stood up in 2007 and continues its mission to support Aviation Soldiers and their families in the Nebraska Army National Guard.

Two Army Aviation Support Facilities (AASFs) located in Lincoln and Grand Island support units that include Headquarters, Alpha and Delta Companies of the 1st Battalion, 376th Aviation Regiment; Bravo Company, 2-135th General Support Aviation Battalion (GSAB), Golf Company, 2-104th GSAB and supporting HHC, Delta and Echo Company detachments. Retirees represent service in legacy units such as the 1167th Maintenance Support Company, 1-167th Cavalry and 24th Medical Company. The Prairie Soldier Chapter is evolving to meet this diverse group of unit member needs.

### Supporting the Mission

Currently soldiers have executed challenging and demanding training this year, highlighted by a successful Maple Resolve 2018 Annual Training at Canadian Forces Base Wainwright, Canada. Currently, the 376th is conducting MEDEVAC backfill in Grafenwöhr and Hohenfels, Germany with the UH-72, a first for the security and support aircraft. B/2-135th GSAB will have crews supporting the Northern Strike Exercise as they begin pre-deployment training for an upcoming mobilization. G/2-104th is in the initial phases of planning for a mobilization as well. Additionally, aircrews in all assigned MDSs maintain their U.S. Forest Service "Red Card" certifications and routinely support in-state and neighbor states with wild land firefighting, most recently assisting Kansas this past spring. This past fall, NEARNG aircrews were some of the first from outside of Texas to arrive and assist Hurricane Harvey relief efforts, followed immediately by the Headquarters, 1-376th deploying via military airlift to Florida to support Hurricane Irma efforts, hours after the storm had passed. The Prairie Soldier Chapter is evolving to meet member and family needs that arise from this OPTEMPO, and tailor a vision to recognize and support their efforts.

### Recognition and Chapter Activities

The Prairie Soldier Chapter has recognized Soldiers displaying excellence with induction into the Bronze Honorable Order of St. Michael, and is planning for additional recipients in the near future. A Soldier/NCO of the Quarter recognition



AAAA National President, BG (Ret.) Steve Mundt (center), presents the AAAA Category Chapter of the Year award to Prairie Soldier Chapter president, MAJ Dustin Wilkie, and chapter sponsored soldier, SGT Charlie Wilkins, on April 27, during the Army Aviation Mission Solutions Summit in Nashville, TN.

program has been started, and the chapter helps sponsor the Aviation Ball, a popular event that brings supported unit members together to celebrate and recognize accomplishments and build unit and family cohesion.

The Chapter has been aggressive in boosting chapter executive committee organization and activities, increasing chapter membership and active participation from members. The chapter routinely supports the annual Safety Day and unit golf tournaments and sent a Soldier to the AAAA Annual Summit, with an aim to boost interest in enlisted participation within the chapter. Increased chapter officer and member attendance at AAAA Annual Summit has been realized, and the Networking aspect of AAAA is proving powerful. They have developed a strategy to focus efforts on increasing chapter membership and supporting the AAAA Scholarship program and fundraising. The first event to fund raise for the scholarship program is a Fun Run 5-10K in Grand Island to be held this upcoming fall. Future events will be expanding to reach retirees and continue to build a fun environment for chapter members to gather.

### Summary

The Prairie Soldier Chapter was recognized as the 2017 Chapter of the Year in the AAAA category. This is a great chapter that continues to support Army Aviation and its aviation families. They definitely embrace the four pillars of AAAA – Network, Recognition, Voice, and Support. Feel free to contact me if you need help for your chapter, Executive Board support, would like your chapter featured in *ARMY AVIATION* magazine or to obtain clarification of National procedures. 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)

## Order of St. Michael and Our Lady of Loreto Inductees

### Pikes Peak Chapter



CHAPTER COURTESY PHOTO

COL Craig Temmer, Counternarcotics Liaison to U.S. Northern Command and chapter vice president, inducts **LTC Joshua Day** (left) and **CSM (Ret.) Terry Alflen** (right) into the Bronze Honorable Order of St. Michael during the Aviation Ball in Centennial, Colorado on February 24. They were recognized for their contributions to Army Aviation – Day while serving as the Colorado State Army Aviation Officer and the High Altitude Army Aviation Training Site (HAATS) Commandant and Alflen for more than 25 years with the Colorado Army National Guard Aviation Command prior to his final assignment as command sergeant major of the 100th Missile Defense Brigade. Day will continue serving with the COARNG Fixed Wing Detachment.

### Tennessee Valley Chapter



CHAPTER PHOTO BY MS. DEBRA L. TROVER

**MAJ James S. Lawson** is inducted into the Bronze Honorable Order of St. Michael by COL David A. Warnick, Project Manager, Joint Attack Munitions Systems (JAMS), on June 28 at Redstone Arsenal, AL. Lawson was recognized on the occasion of his change of duty for his support of Army Aviation while serving as the assistant product manager for the Joint Air-Ground Missile (JAGM) system, leading up to the program's successful milestone C decision. He is moving to Joint Base Langley-Eustis where he will serve as the assistant product manager for the Technology Applications Program Office.

## AAAA Chapter News

### Tennessee Valley Chapter Bass Tourney



CHAPTER PHOTO BY LEON HITE

More than 50 people attended the chapter sponsored 2018 Bob Vlasic Classic Bass Fishing Tournament on April 7 at Lake Guntersville, Alabama. The event included two-man boater division teams, kayakers' sponsors and volunteers. COL Shawn Prickett, Aviation and Missile Command chief of staff, presented awards and participated as an angler. This year the Pacific Architects and Engineers, the National Whitetail Warrior Project and the Screaming Eagle Aviation Association partnered to sponsor wounded warriors to fish in the tournament. **Ken Mott** (left) and **George Kunkle** won the boater division with a largemouth bass weighing 10.66, narrowly edging the second place team of **John and Kevin Chandler**; in third place and the Boeing Big Bass winners were **George Schussler** and **Michael Baughman**; **Eric Wainwright** and **Jim Slaughter** took fourth; and **Todd Vance** and **Will Ferguson** placed fifth. In the kayak division, **Matt Delaplane** won with a 19-inch bass. **Derek Taylor** placed second and **Mitch Delk** took third. Tournament sponsors included Tennessee Valley Chapter AAAA, Avion, BAE, Boeing, Boenker Hill, Laura and Jack Bequette, National Whitetail Warrior Project, PAE, Parker, Quantitech, MSSJ, Big Oh's and the Screaming Eagle Aviation Association.

### 101CAB NCO Wins Hole-In-One Prize at Air Assault Chapter Golf Tourney



CHAPTER COURTESY PHOTO

On August 2 during the 3rd quarter Air Assault Chapter golf event at Cole Park Golf Course, Fort Campbell, KY, **SSG Ethan Benson** scored a hole-in-one on the course's par three seventh hole. As in previous years, James Corlew Chevrolet offered the hole-in-one grand prize, a new Chevrolet truck which had never been awarded – until now. Pictured are Greg Petrik, Night Stalker Association President; Brandy Benson holding Ander Benson; Benson; Dave Norman, Cole Park golf pro and COL (Ret.) Hawk Ruth, chapter president. Benson is assigned to B Troop, 2nd Squadron, 17th Cavalry Regiment, 101st Combat Aviation Brigade.



# AAA

NETWORK | RECOGNITION | VOICE | SUPPORT



## AAA Membership By CW5 (Ret.) Dave Cooper

# The Membership Corner – Seaman to Soldier

Army Aviation attracts Soldiers from diverse backgrounds and experiences. The commander of Company G, 2nd Battalion, 238th Aviation Regiment is no exception.

In 2001 as a 21-year-old college student Nigel realized that he wasn't where he wanted to be. He described hanging out with the wrong crowd and realizing that the life style he was leading was not going to get him to his life goals. Nigel went to the U.S. Navy recruiter in Carson City, NV with the goal of living and working by the beach. The recruiter was more than happy to accommodate the request and in less than 4 hours Seaman Harrison was in the Navy! He became a Damage Controlman concerned with firefighting, flooding, and chemical, biological, radiological, and nuclear (CBRN) issues. He was assigned to the USS Vicksburg, CG-69 a Ticonderoga-class Guided Missile Cruiser as part of the JFK Battle Group.

Nigel completed two separate deployments. On his second he was part of a search and seizure team doing inspections of super tankers at sea armed with his trusty 9mm. As the lower enlisted sailor he was assigned the task of searching the lower decks of the ships. He described it this way, "Water up to my knees, loud machinery and exposed wiring. I realized this was now my standard if I'm having a good day or not." He calls this a life calibration event; he completed his Navy service in 2005 and took a 2-½ year break from military life. Nigel married Alyssa and they had their first son. The family moved back to Carson City where he worked for his father-in-law in the excavation business.

He decided to go back to college and finish his degree in construction management; using his GI Bill he attended Western Nevada College. As Nigel was finishing his degree he began to miss the military. His father-in-law was a former crew chief in the National Guard and talked to him about it. Nigel joined the Guard and went to Officer Candidate School. He figured he would be branched Engineer due to his background; however a mentor at OCS discussed flight school with him and how it would be a good fit. He put in his packet, was boarded and selected. By now he and Alyssa had 4 children. He graduated flight school in 2012 qualified in UH-60 A/Ls.

In 2013 LT Harrison deployed to Afghanistan flying MEDEVAC out of Herat. He was very happy to report that



PERSONAL PHOTO PROVIDED BY OPT NIGEL HARRISON

The Harrison children: (l to r) Beckham with baby Crew, George (green shirt) Jack (suit), Scarlett (a.k.a. The Girl), and Halen with Morgan on his shoulders.

they mostly did routine patient transfers; meaning that few U.S. and Allied Soldiers in their area of responsibility were being wounded. However, there was one mission that affected him. They picked up three patients from an improvised explosive device (IED) attack. When the wounded were loaded he could clearly hear their screams of pain above the din of the engines, rotors, and transmission. Those agonizing screams made a deep impression on him and his dedication to MEDEVAC. "We have top notch medics," he said. "About 90% of them are with either the fire department or the local ambulance service."

After redeployment Nigel was hired at his alma mater as a professor in the Construction Management department. He teaches 5 classes each week including on-line classes.

He is very proud of Company G and as the commander looks forward to their next deployment. He described how hard the unit trains to be ready for their next call to duty, whether over-seas or somewhere in the western U.S.



**New AAAA Lifetime Members-July**  
**Aviation Center Chapter**  
 CW4 John D. Edmunds, Ret.  
**Central Florida Chapter**  
 Devin Lyders  
**Corpus Christi Chapter**  
 COL Gail Atkins  
**Delaware Valley Chapter**  
 LTC Lindsey Halter  
**Lonestar Chapter**  
 CW2 Richard Coyle  
**Washington-Potomac Chapter**  
 William Baker  
 COL Eric Folkestad

**New AAAA Members-July**  
**Battle Born Chapter**  
 CPT Nigel Harrison  
**Cedar Rapids Chapter**  
 CW4 Joshua Runyan  
**MacArthur Chapter**  
 CSM Nicky Peppe  
**Mount Rainier Chapter**  
 CPT Michael Wilke  
**Oregon Trail Chapter**  
 SPC Jeremiah P. Petzoldt  
**Voodoo Chapter**  
 SPC Jason Brosset  
 PFC Devin James  
 SPC Carvin Johnson  
 SPC William Miley  
 SPC Edward Williams  
**Winged Warriors Chapter**  
 CW3 David Forster

**New AAAA Lifetime Members-August**  
**Air Assault Chapter**  
 CW3 Geoffrey Savage  
**Central Florida Chapter**  
 CW4 John Wyatt, Jr.  
**Iron Mike Chapter**

CW4 Stormy M. Ripley, Ret.  
**Old Tucson Chapter**  
 CPT Ben A. Ramos  
**Tennessee Valley Chapter**  
 Richard C. McCann  
**Washington-Potomac Chapter**  
 LTC Rogers Stinson

**New AAAA Members-August**

**Air Assault Chapter**  
 CW2 Matthew John Black  
 SGT David Waters  
**Arizona Chapter**  
 LTC James A. Sink  
**Badger Chapter**  
 CW5 David M. O'Brien  
 SFC Kyle J. Lindemer  
 Cedar Rapids Chapter  
 CW4 Joshua Runyan  
**Central Florida Chapter**  
 PV2 Stanley Auredy  
**Connecticut Chapter**  
 SPC Jeremy D. Slen  
**Flint Hills Chapter**  
 Zachary Donald Wilkerson  
**Flying Gator Chapter**  
 PV2 Devon M. Mosteller  
**Gold Standard Chapter**  
 CW4 Jason Boren  
**Greater Atlanta Chapter**  
 PV2 Dustin J. Ellsberry  
**Griffin Chapter**  
 CPT Patrick Towery  
**Jimmy Doolittle Chapter**  
 PV2 Michael Q. Hand  
**Lonestar Chapter**  
 PFC Joshua D. Mckerley  
 PV2 Logan E. Selten  
**Mount Rainier Chapter**  
 SGT Raj B. Chettri  
 PFC Dalton T. Fleming  
**Narragansett Bay Chapter**

SGT Kyle Newman  
**North Star Chapter**  
 SGT Brooks A. Moldestad  
 WO1 Charles P. Nord  
 CW3 Jennifer A. Otremba  
 SPC Alexander J. Paul  
 SPC Kort M. Plantenberg  
 SGT Eric M. Rasmussen  
 SFC Jeremy R. Reem  
 WO1 Seth D. Reiman  
 SGT Richard B. Rice, II  
 SPC Angela S. Rodriguez  
 CW2 James A. Rogers, Jr.  
 SPC Robert A. Scott, II  
 SGT Travis D. Sievek  
 SGT Nicole J. Westbrook  
 SGT Stuart E. Whitney  
 MAJ Bernard L. Williamson  
 SGT Peter J. Erickson  
 SSG Cody John Gallmeier  
 CW2 Anthony D. Geier  
 CPL Tyrell B. Hansen  
 SGT Derek J. Hanson  
 SPC Alexander W. Holl  
 CPT Katrina R. Hopkins  
 SPC Joshua J. Huffman  
 1LT Aaron M. Johnson  
 SSG Jack I. Koski  
 SPC Jonathan B. Lammert  
 SPC Daniel L. Lee  
 SSG Adam C. Lish  
 SGT Jessica M. McGovern  
 SGT Jason W. Abbott  
 SGT Nicholas L. Arrigoni  
 SPC Scarlett M. Blaeser  
 PV2 Mikaela Breeggemann  
 LTC Richard G. Brummond  
 SPC Sean M. Bruns  
 CPL William C. Brutger  
 CPL Anthony T. Chu  
 SGT Bradley G. Deraas  
 SPC Stephen J. Dobar  
**Pikes Peak Chapter**  
 PV2 Christopher Ledesma  
**Sinai Chapter**  
 CW3 Eric Nilson

CW3 Chestlee Saikemal  
**Tennessee Valley Chapter**  
 Charles L. Johnson  
 Monna L. Mosser  
 Tami R. Santoro  
**Winged Warriors Chapter**  
 SSG Reggie Morris  
 SGT Abiel Torres  
**Wright Brothers Chapter**  
 PFC Trevour W. Swihart

**LOST AAAA Members**  
 Help AAAA locate a member from this lost list and receive a FREE one month extension to your membership!  
 1LT Jillian Marie O'Hara  
 PV2 Edgar G. Lopez  
 CW2 Devon Pinnegar  
 WO1 Mikael Barrow  
 SSG Joshua Phillips  
 MAJ Nathaniel A. Plunkett  
 SSG Douglas M. Gregory  
 LTC Spencer M. Anderson  
 1SG Mark Mierta  
 Scarlett Frost-Hill  
 Richard B. Steward  
 COL Helmut A. Roeder, Ret.  
 SFC Robert A. Wallace  
 PFC Timothy Floyd  
 WO1 Aaron Connors  
 CW5 John D. Hescott  
 CW3 William A. Carroll  
 MAJ Erin E. Braswell  
 1SG Christopher Stewart  
 SSG Robert N. Cuellar  
 CW4 Carlos Cortez, Ret.  
 CW3 Jack Satterfield, Ret.  
 CPT Travis James Payne  
 PV2 Tanner L. Brown  
 SFC Jennifer Churchill  
 LTC Todd Loughney  
 MAJ Lukasz Derda  
 COL Brian Hughes  
 CW5 Matt Fitter, USAR  
 LTC David Bunker

Jeff Steinley  
 CPT Bonnie Hutchinson  
 CW3 Christian A. Ramirez  
 SFC Grant S. Schacht  
 CW3 Scott W. Parker  
 MAJ Stacy J. Rostorfer  
 SPC Shelton T. Shia  
 Mrs. Laura L. Bequette  
 CW4 Shawn Paris  
 CW4 Christopher M. Simeone, Ret.  
 John A. White  
 CW4 Paul A. Kahler  
 MAJ Clovis Jones, Jr. Ret.  
 SSG Victor D. M. Perez  
 Andrew Rodriguez  
 COL Michael Harlan  
 CW5 William G. French, II  
 SPC Mark A. Colbert, Jr.  
 1SG Eric S. Fowler  
 1SG Nathan D. Mullins, Sr.  
 CPT Charles Hill  
 Matt Gates  
 CW4 Paul I. McNeill  
 CW5 Eric M. Oleson, Ret.  
 LTC Raymond E. Meadows  
 SSG Bradley R. Fuller  
 MAJ Darrell Holden  
 MAJ Chad Monroe  
 WO1 Trisha D. Baker  
 MAJ William T. Kuebler  
 Ted Briggs  
 1LT Robert Sieman  
 1SG Jin Hoh  
 CW2 Derek C. Williams  
 SGT Kevin C. Ross  
 1LT Kurt N. Jones  
 MAJ Delvin M. Goode  
 SGT Avery C. Josey  
 2LT Clayton B. Jaksha  
 SPC Daniel Orozco  
 Daeyong Lee  
 CPT Matthew Taylor  
 Leigh Sargent  
 1LT Stephanie Eldridge  
 CW5 Donald L. Hempel, Ret.

Of the awards he's been presented CPT Harrison is most proud of the German Armed Forces Achievement Badge (Gold). The course was held in Las Vegas, NV. He was the oldest Soldier by far to compete and he was very successful. He said of AAAA, that the magazine and the networking are the best part of the organization. Then he added, "Followed closely by the scholarship. I have nothing but respect for the AAAA organization." Nigel and his wife Alyssa now have seven children (scholarships might come in handy!). His code-name for his wife is Wonder Woman! She home schools the kids and cooks all meals from scratch! He said, "She is truly amazing."

CPT Nigel Harrison feels a close bond to his Soldiers and their Families. Sounds a lot like AAAA's mission statement!

CW5 (Ret.) Dave Cooper  
 AAAA Vice President for Membership

*Editor's Note: This is Dave's final article as Vice President for Membership. We at ARMYAVIATION magazine and the entire AAAA National staff thank Dave for his dedication and support and wish him and his wife, Mary, all the best.*

**UPCOMING EVENTS**

**OCTOBER 2018**

- 5-7 U.S. Army Warrant Officers Association 45th Annual Meeting of the Members, Washington, DC
- 7 AAAA National Executive Board and Scholarship Foundation Board of Governors Meetings, Washington, DC
- 8-10 AUSA Annual Meeting, Washington, DC
- 24-25 AAAA Luther G. Jones Army Aviation Depot Forum, Corpus Christi, TX
- 25-26 AHS XVIII HELMOT (Helicopter Military Operations Technology) Meeting, Hampton Roads, VA
- 30-2 Nov MOAA Annual Meeting, Phoenix, AZ

**NOVEMBER 2018**

- 13-14 AAAA Joseph P. Cribbins Aviation Product Sustainment Symposium, Huntsville, AL
- 15-16 AAAA Aircraft Survivability Equipment Symposium, Huntsville, AL



## AAAA Awards



### Order of St. Michael Inductees

#### Silver

- CW5 Teresa Burgess
- COL Clair A. Gill
- CW4 Daniel Dragon
- CW5 Chad M. Butters, Ret.
- LTC Evan J. Brown
- SGM Stephen L. Mackey
- CW4 Jesse A. Ashhurst
- CW4 Chad R. Carmichael
- COL Allan H. Lanceta
- COL Jong H. Lee
- COL Michael J. Best
- COL Daniel S. Mettling
- COL Paul A. Cravey
- COL Phillip C. Baker
- CSM Lucio DeAnda

- CW4 Eric Collier, Ret.
- COL Richard B. Debany
- COL Jeffrey Holliday

#### Bronze

- CW4 Eric Bolden
- CW4 Clifford Rakes
- MAJ Christopher Duncan
- SFC Jon DesRosiers
- MSG William Million
- SFC Bryon Welch
- SFC Tylor Wheeler
- MAJ James S. Lawson
- COL William F. O'Neal, Ret. 1
- CW3 Antaner Carbajal Jr.
- MAJ Sean T. Smith
- CW4 Heather E. Oglesby
- CW4 John Cattilini, Ret.
- CW4 Del Hardiman, Ret.
- CW4 Christopher Nauer, Ret.
- CW2 Miguel Carrosequilla, Ret.
- CW4 John Dahmer, Ret.
- CW4 Mike McDonald, Ret.
- CW4 Lyle Real, Ret.
- CW4 Steven D. Fara
- CW3 David E. Forster
- 1SG Michael S. Blaylock
- CW5 Paul Zenchenko
- CW4 Patrick A. Azan

- 1SG James J. Reese
- MSG Rafael Ocasio, Jr.
- CPT Blaine M. Williams
- CPT Jessica L. Adams
- CW4 Isaac Vasquez
- SSG Neil E. Roy
- MAJ Anne N. Thomas
- MSG Alonzo Fielder
- CW3 Michael Huber
- SSG Christopher L. Caraway
- CW3 Howard Shultz
- CW3 Carlos A. Velez
- CW4 James L. Brisco
- LTC Don P. Hursey
- CW4 Shawn U. Fogarty
- CW4 David Van Vechten
- CW4 Brady G. Bundrick
- CSM Zane Hansen
- SFC Jonathan E. Bunch
- 1SG John A. Nichols
- LTC Kevin E. McHugh

### Honorable Knight Inductees

- CPT Clyde J. Daines
- CPT Robert J. Gentry
- Glenn S. Wolf
- COL Leslie A. Rowley



### Our Lady of Loreto Inductees

- Jocelyn K. Cook
- Paola Brana
- Emily Brainard
- Tracy N. Schreurs
- Elizabeth Daniels
- Logan Nelson
- Pam Lane
- Julie Kuetemeyer



### Soldier of the Month

SGT Raj B. Chettri  
*Mount Rainier Chapter  
June 2018*

PFC Dalton T.G. Fleming  
*Mount Rainier Chapter  
June 2018*

SPC Jeremiah P. Petzoldt  
*Oregon Trail Chapter  
July 2018*

### In Memorium

- COL Charles P. Harmon, Ret.
- COL Joseph A. Hoecherl
- LTG Max W. Noah, Ret.
- SSG William E. Siedman, Ret.
- MAJ Jackson C. Stevens, Ret.

## 2018 AAAA National Awards - Open For Nominations Oct. 1<sup>st</sup>

Recognise Our Soldiers' Hard Work. *Submit An Award Nomination Today!*



With 11 awards currently open, this is a great opportunity to recognize all of your outstanding Army Aviation individuals and Units.

Criteria sheets and nomination forms are posted on each award type. You may view past award winners' nominations to assist you with creating your own nomination. You may submit more than one person/unit for each award.

## AAAA National Awards

Presented at the Annual Army Aviation Mission Solutions Summit:

- Joseph P. Cribbins Department of the Army Civilian of the Year
- James H. McClellan Aviation Safety
- Henry Q. Dunn Crew Chief of the Year
- Army Aviation Soldier of the Year
- Rodney J.T. Yano NCO of the Year
- Michael J. Novosel Army Aviator of the Year
- Robert M. Leich Award
- Army Reserve Aviation Unit of the Year
- John J. Stanko Army National Guard Aviation Unit of the Year
- Active Army Aviation Unit of the Year
- Outstanding Army Aviation Unit of the Year

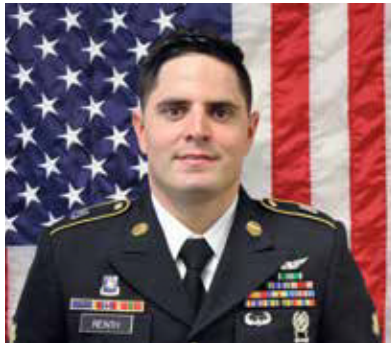
**Deadline for Nominations - January 1, 2019**

Information for submitting nominations is available on our website: [quad-a.org](http://quad-a.org)



The Army Aviation Association of America

**2018 Donald F. Luce Depot Maintenance Artisan Award**



**Sergeant Cameron P. Renth**  
 Company F, Task Force 1-160th Special Operations Aviation Regiment (Airborne)  
 Fort Campbell, Kentucky

The work that SGT Cameron P. Renth has accomplished over the past year as an Airframe Structural Repairer in the Company F allied shops platoon is without compare and makes him the most sought after master of his craft in Army Special Operations Aviation. His company is a rapidly deployable Special Operations Task Force with many non-standard or low density aircraft modifications that require sheet metal and airframe skills far beyond the range of a typical aviation maintenance company worker. As a result, his duties require him to conduct numerous intermediate to depot level repairs and since arriving to his battalion four years ago he has provided world class structural airframe repair expertise. Within the last year, SGT Renth conducted over 100 Maintenance Engineering Calls (MECs) on more than 10 varieties of MEC, four separate depot level damage repairs (two of which resulted from battle damage and two from serious aircraft accidents), and countless unit level repairs while assisting others in his shop. Additionally, he deployed in support of Operation Inherent Resolve and participated on six temporary duty training exercises. SGT Renth's accomplishments and contributions clearly identify him as the 2018 AAAA Donald F. Luce Depot Maintenance Artisan of the Year.

**FALLEN HERO**

*AAAA is saddened to announce the recent loss of the following Aviation Soldier.*

Department of Defense announced the death of a Soldier who was supporting Operation Inherent Resolve.



*CW3 Galvin*

**CW3 Taylor James Galvin**, 34, from Spokane, Washington, died Aug. 19, 2018, in Baghdad, Iraq, as a result of injuries sustained when his helicopter crashed in Sinjar, Nineveh Province, Iraq. He was assigned to Delta Company, 1st Battalion, 160th Special Operations Aviation Regiment (Airborne), Fort Campbell, KY.

According to an Army spokesman, the aircraft was conducting a partnered counterterrorism mission against the Islamic State of Iraq and Syria; the crash was not the result of enemy fire and the incident is under investigation.

May he rest in peace.

*(Information from Defense Department news releases and other media sources.)*





## AAAA Family Forum By Judy Konitzer

*I had the pleasure of meeting Erica McMannes at this year's AAAA Summit in Nashville when she and Amanda Crowe, U.S. Chamber of Commerce, presented a Spouse Professional Session. Erica was kind enough to follow up and share her perspectives and I feel sage advice about opportunities for spousal virtual employment.*  
*Judy*

# As the Virtual Workforce Rises... So Do Opportunities For Military Spouses By Erica McMannes

**M**ore and more military spouses are choosing to take the leap into remote work.

From accounting to content strategy to software development, virtual work poses an opportunity for military spouses who want a career that will move with them, yet still align with their professional goals and background. It's arguable that military spouses are the original digital nomads. Forced to merge jobs or careers with relocations every 2-3 years for decades, they face two troubling concerns: unemployment and under-employment.

On average, a military family will move 8 to 12 times over a 20-year career. Often, remote and overseas duty stations compound the problem due to local hiring restrictions or status of forces agreements (SOFA). Thankfully, with a virtual workforce growing strong and remote work capabilities like never before, virtual employment opportunities for military spouses are on the rise. It is estimated that half of the workforce will work remotely by 2020 at least part-time. So let's be sure the community is prepared to take advantage of these advances, and military spouses are employed with companies and corporations across the globe.

### Defining Virtual Work

Long gone are the days of telework or work-from-home being used to vaguely describe non-traditional work often limited to call center opportunities or multi-level marketing organizations. In the simplest of terms, virtual work is being employed by a company but not working on site. Virtual work career opportunities in all industries are starting to emerge at a high rate and military spouses are prime candidates.

Often struggling to maintain employment in local communities, professional skill sets being put to use on virtual teams provide new solutions for unemployed spouses or even veterans. With the right communication, technology, goals, and strategies in place, full-time and part-time virtual team members are providing companies across the globe with new, diverse talent, higher retention rates, and cost-effective solutions.

### Finding Career Oriented, Legit Virtual Work Opportunities

Virtual work is becoming easier to find on human resource and employment websites, but it's still not always easy to navigate through it all and the many interpretations of virtual work



Erica McMannes(right) and her MadSkills cofounder, Liza Rodewald, work and strategize together 99.99% of the time. They were able to meet up in D.C. recently for a one-day strategy session before their PCS moves to Florida and Hawaii.

roles. Networking and job searches on LinkedIn can turn up some great results. Connecting with your local Military Spouse Professional Network (Hiring Our Heroes/U.S. Chamber of Commerce) chapter can offer up ready-made employer relationships, some of which are virtual work focused. There are also specific companies, like MadSkills, dedicated to creating virtual teams for companies with professionally skilled military spouse talent.

### Matching Your Skill Sets With The Virtual Job Search

The first step to finding virtual work is knowing what you want to do and what you're qualified to do. It can be as simple as using Google to find skills that transfer well into virtual jobs like bookkeepers, content writers, graphic designers, social media managers, project managers, and web developers. If you don't have previous work experience, expertise, or those hard skills that easily convert, then invest some time in free open learning communities to learn about options like virtual assistance, coding, design, and more.

A few great places to start include Skillshare, Coursera, Udemy, and EdX. Large firms like Hubspot and Salesforce also offer incredible free training programs for the military connected community to skill up within their programs and position well for virtual employment.



## Volunteer Experience Counts

How do family readiness group (FRG) service and other volunteer experiences come into play? It's all about how you define the experience. Fund-raising roles teach cold calling, sales process, community networking, and articulation of goals, values, and mission. Social coordinating roles put spouses in group management, event management, and logistic scenarios daily. Cool head and clear thoughts in crisis? It shows level headed thought processing to crisis and validates your ability to draw a team together, strategize a solution, and act on it. So whether you have a strong corporate background or years of solid volunteer experience, you can make it work!

## Creating a Thriving Work-From-Home Environment

It's all about routine and expectations. Create a routine and stick to it. Have a set schedule for your working hours and have a designated workspace. Pick a place to go specifically for work (somewhere with a physical door is ideal), and designate it as your "office." If you're cramped for space, invest in a room divider to create a remote workstation in a corner of your kitchen, bedroom, or living room. The best virtual team members also embrace technology and are open to learning the platforms necessary for communication, productivity, time tracking, and internal processes that make the company work. Last, but not least, communication! Communication is critical in virtual team environments so always be prepared to ask for any clarification needed to get the job done.

If you are interested in learning more about virtual work as a military spouse or looking to build a virtual team of military spouse talent for your company, you can reach MadSkills at [info@hiremadskills.com](mailto:info@hiremadskills.com).

*Erica McMannes is Co-founder and COO of HireMadSkills, Inc. (MadSkills). She and spouse MAJ(P) McMannes with their two children have recently been transferred to Tampa, Florida.*

*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).*

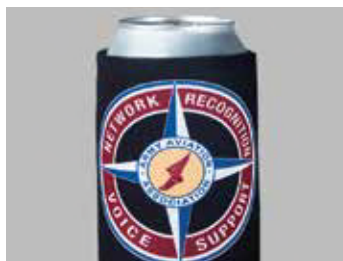


## Military Spouses Professional License and Credential Finder Portal

A professional license and credential finder portal, [www.Veterans.gov/milspouses](http://www.Veterans.gov/milspouses), has been created by the Department of Labor for military spouses. It has an interactive map showing if a license can be used temporarily, whether the process of getting a new license could be expedited, and other employment resources.

Supporting the U.S. Army Aviation Soldier and Family

# AAAA Online Store



Shop at [Quad-a.org](http://Quad-a.org)



## 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.*

### USASOAC Orders 4 MH-47G and Engineering Support Services



THE BOEING COMPANY PHOTO

The Boeing Co., Ridley Park, PA, was awarded a \$131,142,877 modification to contract W91215-16-G-0001 for the procurement of four MH-47G Block II aircraft; work will be performed in Ridley Park, with an estimated completion date of June 29, 2020. An initial order of eight new-build MH-47Gs was completed in 2015. These first four helicopters represent a Block II production run expected to run into late 2020. Boeing also was awarded a maximum \$264,000,000 indefinite-delivery/indefinite-quantity contract for engineering support services for the MH-47 helicopter in support of U.S. Special Operations Command. This requirement will furnish all labor, services, personnel, data, transportation, equipment, facilities and materials required to accomplish the work and perform engineering tasks. Contract funds will not expire at the end of the current fiscal year. This contract has a five-year ordering period; the majority of the work will be performed in Ridley Park.

### CESI to Develop Simulated Shoulder-Fired Missile Launcher

In early July, 2018 the Army inked a \$500,000 contract with Orlando, Florida-based Cole Engineering Services to develop a prototype physical device soldiers will carry during training that simulates a shoulder-fired missile. The goal is to provide training for pilots and crewmembers in dealing with this type of threat and real-time performance data points, such as casualty assessments. The device will interface through a network, providing its location and orientation on the training battlefield. When the soldier engages the aircraft with it, it will trans-



CESI GRAPHIC

mit that information to the database, which will also be tracking the aircraft according to a statement by Virginia-based National Security Technology Accelerator. NSTXL is a consortium that manages the Army's Training and Readiness Accelerator solicitations and will assist Cole Engineering Services as it develops the prototype to completion.

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

**Armtec Countermeasures Co., Coachella, CA**, was awarded a \$14,837,452 modification to contract W52P1J-15-C-0005 for infrared countermeasures flares; work will be performed in Camden, AZ, with an estimated completion date of Oct. 31, 2019.

**AeroVironment Inc.,\* Simi Valley, CA**, was awarded an \$11,511,473 modification to contract W31P4Q-17-C-0193 for hardware in support of Switchblade production; work will be performed in Simi Valley, CA, with an estimated completion date of Sept. 30, 2020.

**The Boeing Co., Ridley Park, PA**, was awarded a \$181,253,232 firm-fixed-price contract for procurement of up to 156 Multi-Year II Block I configured CH-47F Chinook helicopters; work locations and funding will be determined with each order, with an estimated completion date of Dec. 31, 2022.

**Erickson Helicopters Inc., Portland, OR**, has been awarded task order HTC711-18-F-R045, under their firm-fixed price, indefinite-delivery/indefinite-quantity contract HTC711-17-D-R009. The task order, valued at \$20,432,020, provides rotary wing services for Special Operations Command Africa from Arlit, Niger, to various points throughout Africa; performance is from August 2018 through June 15, 2019.

**Lockheed Martin Corp., Orlando, FL**, was awarded a \$288,347,355 modification to domestic and foreign military sales (United Arab Emirates) contract W52P1J-17-D-0043 for Modernized Target Acquisition Designation Sight/Pilot Night Vision Sensor Systems, subcomponent production, and technical services for the Apache attack helicopter; work will be performed in Orlando, with an estimated completion date of Dec. 31, 2021.

### Advertisers Index

Advanced Turbine Engine Company.....	35
AECOM MSX .....	31
Aerometals .....	39
ALKAN .....	53
Arista Aviation.....	57
Arnold Defense .....	11
BAE SYSTEMS .....	19
Becker Avionics .....	49
Bell .....	7
Boeing, Defense, Space & Security.....	1
Coastal Seat Cushions, Inc.....	49
Cobham Aerospace Communications .....	37
David Clark Company.....	12
Dayton-Granger, Inc. ....	57
Erickson .....	46
Esterline CMC Electronics.....	59
Fastening Systems International, Inc.....	24
FLIR Systems, Inc.....	27
GE Aviation .....	140
General Atomics Aeronautical Systems, Inc.	15
Hupp Aerospace Defense .....	33
Inter-Coastal Electronics, Inc.....	51
Kipper Tool .....	48
L-3 Wescam Communications .....	41
MD Helicopter.....	43
Metro Aviation Inc. ....	53
Navigator Development Group, Inc.....	61
Northrop Grumman Corporation .....	9
PAE.....	5
Parker Aerospace.....	23
PCX Aerostructures .....	25
Phantom Products Inc. ....	47
Pratt & Whitney.....	61
Raytheon Company (SAS).....	21
Robertson Fuel Systems, L.L.C.....	13
Science and Engineering Services, LLC.....	2
SKEDCO, Inc.....	16
StandardAero .....	51
Strata-G Solutions, Inc. ....	17
Telephonics Corporation.....	45
Universal Avionics Systems Corp. ....	63
Viasat .....	65
Vinnell Arabia .....	55
VT Miltope Corporation .....	29
Yulista Holdings LLC .....	63

## ARMY AVIATION

Upcoming Special Focus

CONTACT: **Bob Lachowski**  
bob@quad-a.org or  
**Erika Burgess** erika@quad-a.org  
203. 268.2450



**OCTOBER 2018**  
Aircraft Survivability  
Equipment Update  
Aviation Support  
Aviation Soldier Support



**NOVEMBER 2018**  
Unmanned Aircraft Systems  
Air Traffic Services



## 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)

### Congressional Progress

Could there be such a thing as progress in Congress? At the time of this writing it appears so with productive movement on the FY19 Defense Authorization Bill (NDAA) and Defense Appropriations Bill. Much will be at stake when this article hits your mailbox in September near the end of fiscal year 18. Both the House and Senate will be back in session and only one month to go until November elections that could result in significant policy changes for DoD and Army Aviation. Much of that depends on which political parties control the House and Senate. Regardless of what happens on the evening of 2 November, the GOP will control both chambers through mid-January when the new Congress takes office. That is the ultimate deadline on passing the two pieces of FY19 defense legislation. As explained here many times, the goal is to get the job done before the end of the fiscal year (30 September) so we are not thrust into a Continuing Resolution situation. Recently the norm has been a Defense "Authorization" bill before the December holiday break followed by a Defense "Appropriations" bill 4-6 months later. Should the GOP lose the House or Senate in November and these Defense bills have not yet passed before the new Congress takes over in January, their passage will be contentious and uncertain.

Fortunately, the legislation seems to be tracking in the right direction for on-time passage for one or both bills. The House and Senate Armed Services committee completed their "Conference" negotiations for each of their versions of the National Defense Authorization Act (NDAA) on July 20th. Both chambers expect to pass the final FY19 NDAA before the end of the fiscal year in September. The House will certainly accomplish their passage and while legislation often stalls in the Senate, it's anticipated that this year the Senate will

pass the final NDAA due to the fact that this could be Senator McCain's last NDAA and the fact that the month-long August recess for the Senate was cancelled. Of course, it's important to remember that there are other prevailing issues that get in the way of progress with defense legislation. Continued controversy on border wall funding and impending Senate hearings on Trump's new Supreme Court nomination are among the top issues that could distract law makers from getting defense legislation completed on time.

As explained in the past, the House and Senate appropriators are last to codify the annual Defense Appropriations bill. Last month we reported that the House finalized their version of the FY19 defense spending bill, but that the Senate Appropriations Committee – Defense (SAC-D) had yet to even provide their version. Progress occurred in late June with the SAC-D approving \$675B for the DoD which is consistent with the same number that the HAC-D approved on in the House. Now the full Senate must approve their version before differences can be negotiated ("conferenced") which will finalize the FY19 defense spending bill. While we are optimistic that the FY19 Defense Authorization bill will be passed before the end of September, it's unlikely that Congress will get the FY19 Defense Appropriations bill done before the fiscal year begins on 1 Oct.... thus Continuing Resolution again!

### Set Your Google Alerts for the Mid Term Elections

For those aspiring politicians out there, set your Google alerts to watch key races as we move toward November. The following races could directly impact Army Aviation. Rep Martha Roby (AL-2) won her primary in Alabama in June, but did not get 50% of the vote so she had a runoff with the #2 Republican candidate, Bobby Bright.

Roby, who sits on the HAC-D, beat Bright in the July runoff to advance to the general in November against the Democratic challenger Tabitha Risner. Rep Mo Brooks (AL-5) who represents Huntsville and Army Aviation's acquisition nucleus and sits on the House Armed Services Committee (HASC) will face Democratic challenger Peter Joffrion. Army Aviation has deep industrial interests in several states to include Arizona that has one of the most interesting Senate races in 2018. Sen Jeff Flake is retiring, and a handful of Republicans and Democrats are vying for the seat. The two top polling candidates at the time of this writing are two current sitting House Member:s Martha McSally (R-2) and Kyrsten Sinema (D-9). McSally, a former veteran and current HASC Member and Sinema, a moderate Democrat, have both demonstrated support for a strong Defense Department. AAAA and our uniformed Army Aviation remain non-partisan in support for any candidate, but we certainly favor folks who will support a strong defense and funding for Army Aviation.

### Army Futures Command lands in Texas

The flag pole for AFC has been planted in Austin, Texas. What does this mean for our enterprise from a Congressional perspective? Short answer is "a lot." The Army Aviation enterprise gains from strong Congressional representation such as Sen. Ted Cruz (SASC Member), HASC Chairman Mac Thornberry, and HAC-D Chairman Kay Granger. The Future Vertical Lift (FVL) Cross Functional Team (CFT) plants their flag in Huntsville; appropriate considering that is the location of our acquisition center and Congressionally represented by Rep Mo Brooks, already mentioned being on the HASC and Senator Richard Shelby who Chairs the SAC-D.



## People On The Move

### Changes of Command/ Responsibility

#### USAREC Welcomes Muth and Gavia

U.S. ARMY PHOTO BY FORT KNOX VISUAL INFORMATION SERVICES



MG Frank M. Muth accepts the U.S. Army Recruiting Command colors from GEN Stephen J. Townsend, commanding general of U.S. Army Training and Doctrine Command, during a change of command and transfer of responsibility ceremony July 25, 2018 at Fort Knox, KY. Pictured (left to right) are Muth, CSM Tabitha A. Gavia (partially hidden), incoming command sergeant major, Townsend, CSM Anthony T. Stoneburg (partially hidden), outgoing command sergeant major, and MG Jeffrey J. Snow, outgoing commanding general.

#### Shawley Assumes Command of ARAC

U.S. ARMY PHOTO BY FORT KNOX VISUAL INFORMATION SERVICES



Army Reserve MG Scottie D. Carpenter (center), deputy commanding general, U.S. Army Reserve Command, passes the unit colors to BG Jami C. Shawley, the incoming commanding general of the Army Reserve Aviation Command, during a combined change of command and change of responsibility ceremony held on Brooks Field, July 8, 2018, at Fort Knox, KY. Immediately preceding the change of command, CSM JamesPeter M. Matthews relinquished responsibility of the ARAC to CSM Judd G. Mooso (left). Outgoing commander, BG Scott Morcomb (right) moves on to his next assignment at U.S. Army Central (ARCENT).

#### FY18 Brigadier General, Army Competitive Category, Promotion Selection Board.

AAAA congratulates the following aviation colonels who were selected for promotion:



U.S. ARMY PHOTO

COL John D. Kline, Deputy Commander, (Support), 7th Infantry Division, Joint Base Lewis-McChord, WA;



U.S. ARMY PHOTO

COL Michael C. McCurry II, Deputy Commander (Support), 2d Infantry Division (Combined), Eighth Army, Republic of Korea; and



U.S. ARMY PHOTO

COL Allan M. Pepin, Commander, U.S. Army Special Operations Aviation Command (USASOAC), Fort Bragg, NC.

#### Atkins Takes Command at CCAD

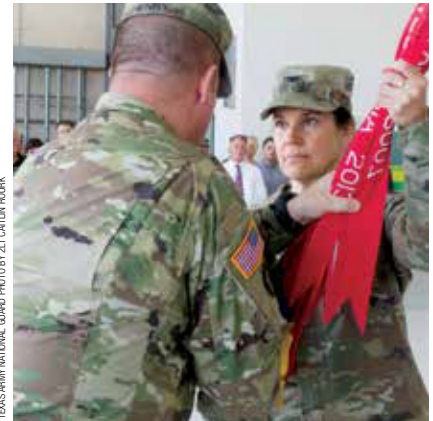
U.S. ARMY PHOTO BY ERNEY MARTINEZ/CORPUS CHRISTI ARMY DEPOT



MG Douglas Gabram (center), commander, Army Aviation and Missile Command, passes the Corpus Christi Army Depot (CCAD) colors to COL Gail Atkins during a change of command ceremony at the depot, July 20, 2018. Atkins replaced COL Allan Lanceta, who served as CCAD commander for 24 months, and retired in a follow-on ceremony after 27 years of military service.

#### 36ECAB Welcomes MacGregor

TEXAS ARMY NATIONAL GUARD PHOTO BY 2LT CANTON ROBERK



MG Samuel L. Henry, commander, 36th Infantry Division, passes the brigade colors to COL Joanne MacGregor, incoming commander, 36th Expeditionary Combat Aviation Brigade, during a change of command ceremony, Austin, Texas, July 14, 2018. MacGregor takes over from COL Ronald W. Burkett II.

### Transfer of Authority

#### 1ACB, 4CAB Conduct TOA



U.S. ARMY PHOTOS BY SGT GREGORY T. SUMMERS, 22ND MOB. PUBLIC AFFAIRS DET.

COL Phillip Baker (left), commander of the 1st Air Cavalry Brigade, 1st Cavalry Division, out of Fort Hood, TX, and COL Scott Gallaway (right), commander of the 4th Combat Aviation Brigade, 4th Infantry Division, out of Fort Carson, CO, address Soldiers and attendees during a transfer of authority ceremony in Illesheim, Germany on July 2, 2018. 1ACB relinquished mission responsibility in support of Atlantic Resolve to the 4CAB.

# People On The Move

## Awards

### The Wings Club Honors Brady



THE WINGS CLUB FOUNDATION COURTESY PHOTO

Medal of Honor recipient, MG (Ret.) Patrick Henry Brady, was presented the Outstanding Aviator Award by The Wings Club Foundation at their annual meeting in New York City. Each March, at the Annual Meeting, the Wings Club Foundation, in cooperation with the International Aviation Womens Association, presents the Outstanding Aviator Award “to recognize airmen and airwomen for their contributions to aviation/or security and serve as leadership role models.” Former Army Aviation Branch Chief MG (Ret.) Carl McNair provided comments prior to the presentation. Both Brady and McNair are Army Aviation Hall of Fame inductees.

## Retirements

### 29th CAB Says Farewell to Spescia



PHOTO BY CPT STEPHEN M. JAMES, 29TH CAB, AWN, BDE

CW5 Gino S. Spescia is congratulated by brigade aviation maintenance officer, CW5 Albert B. Isennock, following Spescia’s retirement ceremony on May 6, 2018 at Weide Army Heliport on Aberdeen Proving Ground, MD. Spescia retired after 41 years of Army Aviation service including his final deployment as command chief warrant officer of the 29th Combat Aviation Brigade in 2017.

## FY 2018 Sergeant First Class Selection Board Results

The fiscal year 2018 sergeant first class Regular Army (RA) and Army Reserve Active Guard Reserve (AGR) Sergeant First Class (SFC) promotion board results were released July 19, 2018. AAAA congratulates the following 350 Aviation staff sergeants on their selection.

Adams Casey O  
 Aderman Ryan Chris  
 Agudoquinonez Nels  
 Akina Travis Ikaik  
 Alicaba Jojo Faust  
 Allar Michael Doug  
 Allen Brian James  
 Allenlimon Iker  
 Alley Kyle William \*  
 Andrade Francisco  
 Antonucci Sean Mau  
 Arel Adam Maurice  
 Arevalo Jonathan S  
 Armstrong Chad Mic  
 Arroyo Nelson Hect  
 Ashley Christopher \*  
 Atchley Allen Brad  
 Backowski Michael J \*  
 Bagby Jason Willia  
 Bailey Michael All  
 Baker Joseph Glenn  
 Banzuela Nino C  
 Barandazatarain Ra  
 Barbee Tai Ray  
 Barnes Tony Laprin  
 Barnhart Jonathan  
 Barr Nolan Kenyon  
 Bartenbach Eric Mi  
 Belisle Amanda Nic  
 Bell John William  
 Bencik Micheal Jo  
 Bertie Austin Leo  
 Boaz Jesse Tolbert  
 Bonds Dominic Savi  
 Bonhamlovett Andre

Bowe Quinton Lamar  
 Boyd Michael Harmo \*  
 Boyer Paul Anthony  
 Boykin Christopher  
 Braden Michael Chr  
 Brannigan Michael  
 Brooks Michael Sha  
 Brown Seth Aaron  
 Brunson Jeffery Tr  
 Bryan Robert Allen  
 Bulson Wayne Grego  
 Burks Kristina Lyn \*  
 Burrafato Matthew  
 Caceres Eduardo Fe  
 Caminita Randy Lou  
 Candelario Roberto  
 Caraballomaymi Jos  
 Cardozalugo Jose L  
 Carey Stephen Seth  
 Carpenter Philip A  
 Carro Anthony Stev  
 Carter Mathew Ray  
 Cartier Winston Hu  
 Cheek Ryan Lee  
 Choi Min Soo  
 Clay James Brownin  
 Coffey Robert Jame  
 Colburn Jordan Mat  
 Colonmckissen Carl  
 Corbin Richard Lew  
 Cordoba Esther Yvonne \*  
 Cortesvazquez Herm  
 Couser Andrew Lama  
 Coyle Patrick Rola  
 Crook Chad Edward

Cupp Matthew Alexa  
 Dandria Nicholas M  
 Darnall Teddy William  
 Delgado Robert Man  
 Denning Michael St  
 Derk Nicole Marie  
 Deshaies Kevin Mic  
 Deskus Joseph Edwa  
 Dichristina Misty  
 Dietrich David Ale  
 Dodge Jonathan Aub  
 Dosker Justin Theo  
 Dunn Aaron James  
 Dunn Austin James  
 Dykstra Dustin Mcl  
 Eddington Aaron Le  
 Eells Michael Shan  
 Elleby Russell Jer  
 Ellis William Dale  
 Elmore Grady Micha  
 Facello Todd Micha  
 Faires Kevin Richa  
 Farber Ian Edward  
 Faust Alexander Gu  
 Fernandez Ricky Ka  
 Ferrin Corrie Mich  
 Fetz Adam Lewis  
 Fielding Christoph  
 Fleischer Thomas J  
 Foreman Blair Robe +  
 Forman Benjamin Ty  
 Fournier Anthony F  
 Fowler David Devai  
 Francis Tyler Murp  
 Franklin Adam Ross

Fryer Christina Gu  
 Fuentes Javier Oma  
 Gallegos Ernesto  
 Gammons Charles Fr  
 Garcia Adrian Jose  
 Garcia Daniel Isma  
 Garrison Cameron T  
 Garton Stephen Ell  
 Gilman Paul Lauren  
 Gomez Michel Bladi  
 Gonzalezbravo Kevi  
 Gordon Joshua Davi  
 Gottschling Bruce  
 Graf Devon Gustav  
 Graham Anthony  
 Graham Dmario Anto  
 Graham Kyle Foster  
 Grandison Andrew J  
 Gray Kreshawn Darn  
 Green Joshua Willi  
 Green Matorris Jam  
 Guerreiro Kamakaha  
 Gurung Pratap  
 Hanna Curtis Micha  
 Hanss Jeffrey Chri  
 Hatfield Brendan P  
 Haxton Zachary Ale  
 Haycock Kody Jay  
 Heard Alvin Iii  
 Hebert Brenda Mari  
 Helder Joseph Alye  
 Hennes Robert Vinc  
 Herrera Christophe  
 Hill Andrew Daniel  
 Hill Zachary James

Hogan Trevor Chanc  
 Holenchick Michael  
 Howard James Cliff  
 Hockett Tyler Madi  
 Hudson Johnathan K  
 Huggler Shian Paul  
 Hughes Ariel Domin  
 Hulstrand Nathan E  
 Hurley Coy Edward  
 Hutchinson Steven  
 Ilk Michael  
 Ivory Frank Iii  
 Jackson Anthony  
 Jean Keith Axel  
 Jenkins Joshua Ray  
 Johnson Benjamin H  
 Johnson Brandon Ma  
 Johnson Charlie Ro  
 Johnson Jeremy Har  
 Jones Aaron Joseph  
 Jones Derek Steven  
 Jones Sean Michael \*  
 Juman Shaun Faizul  
 Kauffman Kyle Rich  
 Kendall Austin Bry  
 Kerr David Anthony \*  
 King Joseph Kane  
 Kinney Richard All  
 Knapp Jacob Martin  
 Kooser Jayson Fore  
 Koplín Andrew Scot  
 Kriekel Aaron Will  
 Krupa Aaron David

*Continued on next page*

## People On The Move

### FY 2018 Sergeant First Class Selection Board Results *Continued*

Kurth Adam H  
Kvasager Daine Wil  
Lagerquist Richard  
Landrum Ryan Micha  
Lankford Jhamel De  
Lara Juan Edgar  
Lebeau Aaron James  
Leech Jacob Garret  
Letcher Cameron Eu  
Lewis Antonio Onea \*  
Lindsay Cassidy Ly  
Lonborg Justin Dee  
Luallen Joshua Pau  
Malone Daniel Mcil  
Maness Jamal Alan  
Maricich Dakota Jo  
Marin Carlos  
Marks Dakota Brand  
Marrerofernandez J  
Martian Donald Dua  
Martin Kenneth Gle  
Martinez Yesenia L  
Martinezmercado Jo  
Mason Henry Dean  
Masteller Bruce Al  
Matta Julio Luis J  
Matthews Shana Mic  
Maxwell David Jona  
McCaskill Monty Ra  
McClarnand Mitchel  
McGrath Timothy Jo  
McKinney Justin Mi

McLaren Jeremy Mic  
McLellan Ryan Kris  
Meacham Jeffrey Ri  
Medina Christopher  
Medina Dilon Eli  
Meekins Aubrey Tre  
Meier Daniel Timot  
Meinhart Samuel Le  
Melendez Damaso  
Miller Joseph Terr  
Miller Philip Rous  
Mills David Elliot  
Minix Christopher  
Mole Albert Lewis  
Montalvo Ruben  
Moore Christopher  
Moore Dustin Ryan  
Morales Andujar Ab  
Morgan Nathaniel M  
Morgan Thomas Emer  
Mosqueraduran Stal  
Nakanishi Christop  
Neeper Philip Alex  
Nielsen Eric Willi  
Nisewaner Jennell  
Noah Danielle Ann  
North Jason Edward  
Norwood Samantha D  
Nugent Jeremy John  
Nugent Jeremy Ray  
Nuss David Alan  
Oglesby James Trav  
Olson Brandon Jeri  
Orozco Irvin  
Ostler Travis H  
Pabo Kanupaka Inge  
Pando Ramiro Gambo  
Parks Logan Rey

Patterson William  
Paulsen Bryen Lee  
Payne John William  
Peck Joshua Carl  
Pendergrass Charle  
Penrod Stephen Dan  
Perez Ralph Anthon  
Perilla Marcjohn S  
Peters Zachariah N \*  
Phelps Curtis Jama  
Phipps Dustin Wayn  
Pittman Ere David  
Porres Carlos Rome  
Potter Willie Jose  
Prado America Vane  
Proffitt Mark Gavi  
Puente Gilbert Jr  
Ramirez Robert  
Ramirez Zachary Di  
Ramirezgallardo Jo  
Ramos Alexander  
Raymond Daniel Lee  
Richardson Michael  
Risden Christopher  
Rocha Juan Mario  
Rodgers Matthew St  
Rodriguez Johnpaul  
Rodriguez Xavier  
Romanello John Pau  
Rothermel Carl Ray  
Roy Neil Ellis \*  
Rutkowski Matthew  
Sanchez Omar J  
Sanders Christophe  
Santiago Nathanael  
Santos Juan Rafael  
Saum David Bradley  
Scarborough Jimmy

Schilling Gisela M  
Schmidt Angela Nad  
Schmitt Eric Edwar \*  
Schoonover Jeffrey  
Schroer Cory Lynn \*  
Schwander Steven  
Scott Stephen Darn  
Segovia Brandon Da  
Sellers Jason Dale  
Semper James Norma  
Serio Adam Richard  
Shaver Japheth Way  
Shires Stephen Fra  
Shupert Steven Kyl  
Sims Christopher E  
Sisson William Dav  
Sites Joseph Arlen  
Smith Justin Brook  
Smith Logan Daniel  
Smith Ronald Antho \*  
Solley Joshua Kane  
Spadoni Michael St +  
Spann Kenneth Shan  
Stewart Cody L Jar  
Stocks Jeremy Char \*  
Takahashi David To  
Tebbe James David  
Teckenbrock Joshua  
Teckenbrock Tiffan  
Tellezventura Serg  
Theam Roeut  
Thompson Kenith Eu  
Threadgill Joshua  
Tomas Joefrey Almo  
Torres Elias Marcu  
Trompeter Aaron Ra  
Umbenhower Butch A  
Upshaw Thomas Lee

Urban Clark Charle  
Valdez Oscar Jay  
Vandiepenhuisen Fr  
Vandyke Todd David  
Vanpelt Matthew Ri  
Vazquezlopez Jose  
Villa Timothy Paul  
Wade William Thoma  
Ward Thomas Farrad  
Watt Nathaniel  
Webb Spencer Ray  
Wesson Nicholas Ca  
White Thomas Tucke  
Wilds Taylor Dayne  
Wiley Sergio Lewis  
Williams Nicholas  
Williams Rashine A  
Williams Steven Do  
Willridge Kendall  
Wilson Kenneth Ray \*  
Wilson Patrick Boy  
Winner Michael Dou  
Wittman Melvin Leo  
Wojciehowski Jonat  
Wojtowicz Darren T  
Wood Stefan Michae  
Woods Nicholas And  
Yost Alan Lee  
Youkers William Ja  
Young Joshua Steph  
Young Scott Turner

\* Below the zone  
selection  
\* = AAAA Member  
+ = Life Member



One of the MANY benefits of  
being an AAAA member is a  
**FREE** subscription to  
**ARMY AVIATION Magazine!**



Join us at [quad-a.org](http://quad-a.org)  
and stay in touch!

# People On The Move

## Flight School Graduates



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



FSXXI-June 21, 2018

### 45 Officers, June 21 Commissioned Officers

- 2LT Dirks, William B. – DG
- 2LT Burchell, Nicholas L. – HG
- 2LT Peralta, Jonathan M. – HG
- 2LT Ankeney, Colton T.
- 2LT Beard, Paul A.
- 2LT Duggan, Gordon A.
- 2LT Farsakian, Emily C.
- 2LT Freeman, Kayla C.
- 2LT Gancarcik, Stephen T.
- 2LT Gleason, Eric E.
- 2LT Grenz, Dillon A.
- 2LT Hein, Charles J.
- 2LT Hislop, Eric T.
- 2LT Kriker, Brandon D.
- 2LT Landrum, William D.
- 2LT Salvanera, Alexis N.

### Warrant Officers

- WO1 Benson, Jamie M. – DG
- WO1 Hoeffler, Ryan M. – HG \*
- WO1 Previti, Joseph L. – HG \*
- WO1 Saunders, Tyler D. – HG
- WO1 Beard, Cameron B. \*
- WO1 Bullis, Michael T.
- WO1 Coons, Preston B.
- WO1 Cunniff, Alexander P.
- WO1 Davis, Alan M.
- WO1 Fogle, Nicholas M.
- WO1 Fosnaugh, Justin B.
- WO1 Glover, Blane A. \*
- WO1 Klauck, Caelum W.
- WO1 Lee, Kyu B.
- WO1 Madeo, Alexander K.
- WO1 Maher, Christopher K.
- WO1 Man, Nicholas W.
- WO1 Martel, Daniel J.
- WO1 Matzdorf, Joshua N. \*
- WO1 McCallin, Logan T.
- WO1 Morehead, John H.
- WO1 Nemeth, Ryan M.
- WO1 Ralston, William C. \*
- WO1 Sinay, Christopher J.
- WO1 Taylor, Jebulah C.
- WO1 Tenney, Michael D.
- WO1 Turner, Paul J.
- WO1 Walker, Nathan A. \*
- WO1 Wareing, Christopher S.

### 37 Officers, July 3 Commissioned Officers

- 1LT Hage, Avery J. – DG
- 2LT Laffitte, Miles D.
- 2LT McGillivray, Terra J.
- 2LT Palma, Ronald S.
- 2LT Abu Taleb, Abdel Karim (Jordan)
- 2LT Albatayneh, Mohammad (Jordan)
- 2LT Alsuheba, Ibrahim (Jordan)
- 2LT Altabba', Arsalan (Jordan)
- 2LT Ansour, Sana'a (Jordan)

### Warrant Officers

- WO1 Spina, Andrew D. \* – DG
- WO1 Free, Carl A. \* – HG
- WO1 Johnson, Jayson D. – HG
- WO1 Stewart, Tyler D. – HG
- WO1 Thurston, Stephen A. – HG
- WO1 Bryant, Steven D.
- WO1 Buckley, Kyle T.
- WO1 Burns, Gary L.
- WO1 Clements, Adam T.
- WO1 Connors, Aaron M. \*
- WO1 Cooper, Kassia M.
- WO1 Dong, Nicholas K.
- WO1 Fowler, Everett L.
- WO1 Ham, Benjamin G. \*
- WO1 Hurtado, Ricardo A. \*
- WO1 Keene, John W. \*
- WO1 Lance, Cameron A.
- WO1 Langelier, Joshua M.
- WO1 Mark, Todd D.
- WO1 Matthews, John S.
- WO1 O'Hare, Nicholas J.
- WO1 Orosco, Jeffrey M.
- WO1 Schloesser, David A.
- WO1 Thompson, Brandon M.
- WO1 Thompson, Colton A.
- WO1 Williams, Cory L.
- WO1 Wiltz, Sean G.
- WO1 Wolberg, Matthew S. \*

### 44 Officers, July 19 Commissioned Officers

- 2LT Brandon Runyan – DG
- 2LT Casey Martin – HG
- 2LT Jonathan M. Roca – HG
- 2LT Tyler Booth. \*
- 2LT Loren Gish
- 1LT Blake Jackson
- 2LT Julian Lidback
- 2LT Marco Montesdeoca
- 2LT Ashley Musgrave
- 2LT Jamin Pyatt
- 2LT Rayanna Reffitt
- 2LT James Self
- 2LT Olivia Vinzant



FSXXI-July 3, 2018



FSXXI-July 19, 2018

- WO1 Andrew Benvenuto
- WO1 Andy Castro
- WO1 Elias Comstock
- WO1 Allyson Costa
- WO1 Marcus Dagley
- WO1 Jordan Davis
- WO1 Matthew Dennis
- WO1 Benjamin Dieruf
- WO1 Robert Dougherty
- WO1 Thomas Duffey
- WO1 Dylan Dull
- WO1 Gregory Dworek
- WO1 David Foster
- WO1 Seth Gale (HG)
- WO1 Ryan Garrison
- WO1 Napoleon Gombio

- WO1 Christian Goodrich
- WO1 Jacob Grubbs
- WO1 Stephen Gruters
- WO1 Marisa Maher
- WO1 Joseph Mitchell
- WO1 Kyle Pearl
- WO1 Dustin Powell
- WO1 John Vandenbrink
- WO1 Joshua Wilson
- WO1 Levi Woodridge

DG = Distinguished Graduate  
 HG = Honor Graduate  
 \* = AAAA Member  
 + = Life Member

NATIONAL WAR COLLEGE COURTESY PHOTO



# People On The Move

## 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 013-18

PV2 Janine Lowe – DG  
 PV2 Tate Allen Buchholz  
 PV2 Elvin Javier Delgado Velez  
 PV2 Christopher Dienelle King  
 PFC Alexander Nathan Nishimori  
 SPC Joshua Randall Prueett  
 PV2 Avery James Yuji Ramos  
 PV2 Keely Cheyenne Roberts  
 PV2 Alan Foster Sanchez  
 PV2 Colby Clark Stephens  
 PV2 Lorenzo Vidales  
 PV2 Nathan Rarick Williams

#### Class 014-18

PV2 Clint Micheal Andersdon  
 PV2 Elijah Immanuel Baez  
 PV2 Jonathon David Bentley  
 SPC Philip Cao  
 SPC James Drew Creasman  
 SPC Wilfredo Figueroa  
 SPC Tighe Quran Johnson  
 SPC Alex Robert Lang  
 SPC Kyle Steven Leonard  
 SPC Nathan Andrew Metzger  
 PV2 Steven Riley Shoemaker  
 SPC Quinttreyvious Rander Smith

#### Class 005-18

PV2 Bailey Garrett Busbin  
 PV2 Jormari Marquis Carter  
 PV2 Brandon Jacolby Jones  
 PV2 Grant Eugene Kack  
 PV2 Fabian Alejandro Maneilla  
 PV2 Gary Bruce McGhee, Jr.  
 PV2 Scotty Allen McKenzie  
 PV2 Cody Denson McKnight  
 PV2 Kevin Taylor Moore  
 PV2 Justin Paul Price  
 PFC Eric Bautista-Rodriguez  
 PV2 Isaiah Anthony Maverick Schott

#### Class 015-18

PV2 Tyler Russell Schwoerer – DG  
 PV2 Daniel Jared Adams  
 SPC Nathan Joseph Campbell  
 SPC Franklin Dean Conour  
 PV2 Kaden Christopher Frazier  
 SPC Taylor Donald Smith  
 PV2 Joshua Hiroto Stirling  
 PFC Enoch Eugene Tarver, Jr.  
 PV2 Kameron Drew Turner  
 PV2 Taylor Jack Tutor  
 PV2 Erikc Michael Yoder

#### Class 016-18

SPC Martin Ivan Abundiz

SPC Oscar Cantu, Jr.  
 SSG Juan Pablo Flores  
 PV2 Isaac Jordan Gatewood  
 SPC Austin Miller Henderson  
 PFC Abram Ramos Hernandez  
 SPC Thomas Paul Herrera  
 SPC Dominick Andrew Hoover  
 SPC Justin Charles Huffman  
 PV2 Zachary Robert Miller  
 SSG Garth Lamont Sloan  
 SPC Joshua Daniel Vinson

#### Class 506-18

PV2 Josiah Clifford Thornburg – DG  
 PV2 Hannah Lynn Betsinger  
 PFC Alec Xavier Olsen  
 PV2 Jonathan Isaiah Perry  
 PV2 Lawson Andrew Prost  
 PV2 Kamaurie Demetrius Rhinehart  
 PV2 Nicholas Cunha Sousa  
 PV2 Jonna Michelle Stauffer  
 PV2 Brian Lee Tieskeetter  
 PFC Carter Jackson Wardlow

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

#### Class 029-18

PV2 Tucker Louis Smith – DG  
 PFC William Anthony Galea  
 PFC Matthew Robert Gort  
 PV2 Logan Christopher Hearn  
 PV2 Joseph David McConnell  
 PFC John Miles Merrell  
 PV2 Nathaniel Jefferey Nelson  
 SPC Nicholas Kent Oyler  
 PV2 Jacob Christopher Perez  
 PFC John Russell Wiggins

#### Class 030-18

PV2 Veronica M. Matthews – DG  
 PV2 Jason Tyler Burnette  
 PV2 Alex Patrick Davis \*  
 PV2 Dillon Blair Kennedy  
 PV2 Dylan Jacob Mozdzier  
 SPC Carlos Alberto Riveraalfonso  
 PFC Layton Patrick Shores  
 PV2 Michael Joseph Simmons  
 PV2 Kurt Andrew Thornton  
 PV2 James Nathan Turner

#### Class 031-18

PV2 Hector Julian Luna – DG  
 PV2 Caleb Daniel Ball  
 PV2 Edward Cornejo  
 PFC William James Cote  
 PV2 Joshua Dylan Frye  
 PV2 Jarren Kyle Gainey  
 PV2 Brant Logan Hourigan  
 PV2 Matthew Shawn Justus  
 PV2 Ryan Austin Morford  
 PV2 Liam James Neary  
 PFC Chance Christopher Vasquez

#### Class 504-18

PV2 Skylar Nicole Griffith – DG  
 PV2 Jarret William Barnes  
 SPC Aibar Colonrodriguez  
 SPC James David Giordani  
 SPC Garrett James Granbois  
 PV2 Russell Robert Graves  
 SPC David Christopher Scott  
 SPC Keith Wesley Smith  
 PV2 Lindsey Rachele Tucker

SPC Alexander James Vickers  
 SPC Jonathon Michael Wallichs  
 SPC Rodion Renatovich Williams

#### Class 032-18

PFC William Scott McPherson – DG  
 PFC Grant Michael Armstrong  
 PV2 Nicholas Wade Mosser  
 PV2 Juan Camilo Palacios  
 PFC Eric Edgardo Perezgarcia  
 PV2 Cameron Michael Phipps  
 PV2 Matthew Gerrard Russo  
 PV2 Mark Viktorovich Savitskiy  
 SPC Zachary Ray South  
 PV2 Andrew Francis Wilson

#### Class 505-18

PFC Samuel Arthur Primmer – DG  
 SGT Cory Tadao Aoki  
 SPC Wayne Dillan Butts  
 SSG Joel Brian Henretty  
 PV2 Jeffrey Allen Merrick  
 SGT Patrick Timothy Mooney  
 SPC Christopher David Nicholas  
 SGT Kevin James Sensabaugh  
 SPC Ray William Slote  
 SPC Joshua Dwain Smith  
 SPC Kyle Eric Soderstrom  
 SPC Steven James White

#### Class 033-18

PFC Ryan Cole Sturgeon – DG  
 SPC John Louis Crimmins  
 SGT Jose Luis Figueroa  
 SPC Steven Michael Jacobs  
 PV2 Joey Lee Tamayo  
 SPC Ariel Giovanni Torrescarmona  
 SPC Corbin Andrew Vance

#### Class 034-18

SPC Jonathan Robert Keller – DG  
 PV2 Blake Lawrence Armstrong  
 PV2 Trevor Joseph Castro  
 PV2 Brandon Mark Christiansen  
 PV1 Justin Vidal Dejesus  
 PV2 Justin Matthew Lindberg  
 PV2 Christian J. Martinezmaldonado  
 PV2 Ryan Anthony McRobie  
 PV2 Brian Andrew Montague  
 PV2 Hugo Pasillas  
 PV2 Preston Ellis Plant  
 PV2 Nathan Cordell Wicker

#### Class 035-18

PFC Eric Taylor Stroud – DG  
 PV2 Jacob Douglas Lynn  
 PFC Colby David Molino  
 PFC Blake Remington Pobran  
 PV2 Reid Preston Sater  
 PV2 Tristin Blake Snodgrass  
 PV2 Kyle Matthew Snyder  
 PV2 Alfred Jacob Sosa  
 PV2 Ari George Thomas

#### Class 036-18

SPC Vallender Chiar Bertarioni – DG  
 SPC Emma Jolynn Harrison  
 SPC Mark Patrick Mullen  
 PV2 Matthew Lee Thurman  
 PFC Austin Travis  
 PV2 Devante Jamar Turner  
 PV2 Nolan Lee Vela  
 PFC Julian Rae Wright

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

#### Class 009-18

PFC Caleb John Smith – DG  
 PV2 Jose Byron Amidon  
 PV2 Joseph Eghonghon Ativie  
 PV2 Anthony Michael Brown  
 PV2 Jose Jorge Brown  
 PV2 Zachary Adam Honeycutt  
 PV2 Diego Moya  
 PV2 Zachariah Benjamin Napp  
 PV2 David William Seeton  
 PV2 Chase William Stott  
 PV2 Brandon James Thompson

#### Class 010-18

PFC Clinton Timothy Boyd – DG  
 PV2 Sarah Micole Arenivar  
 PV2 John William Barnes  
 PV2 Matthew Michael Bollinger  
 PV2 Trent Michael Ladas  
 SPC Alex Brandon Monteiro  
 PV2 Kristopher John Moreno  
 PV2 Sylvia Marina Ochoa  
 PFC Frank Robert Perrotti

#### Class 011-18

SPC Tyler McKenzie Schnell – DG  
 PV2 Justin Michael Bessert  
 SGT Nathaniel Landon Giancolla  
 SPC Garner Millen Henderson  
 PV2 Cole Michael Martin  
 PV2 Craig Ellis Murray  
 PV2 Micah Daniel Shirey  
 PFC Charles Randall Thirst  
 PV2 Justin Blake Waters

#### Class 012-18

PV2 Cody Alan Eugene Deaton – DG  
 SGT Phillip Christoher Bailey  
 PFC Dylan Roy Deboer  
 PFC Colton Lee Doyle  
 SPC Aaron Stephen Flynn  
 PV2 Jose Dario Garcia, Jr.  
 SPC Jason Katsutoyo Hiyama  
 PV2 Shane Douglas Justice  
 PV2 John Tyson Langford

#### Class 504-18

PV2 Christopher David Wise – DG  
 PV2 Bary Logan Miller  
 SPC Dimitrios Palapaidis  
 PV2 Noah Cruise Popham  
 PV2 Michael Roman  
 SPC William Michael Watson  
 SPC Alexander Orlando Zayas

### Aircraft Powerplant Repairer (15B)

#### Class 005-18

PV2 Alek Michael Adair  
 PV2 Austin Wright Doswell  
 PV2 David Arevalo Contreras  
 PV2 Trevor Cole Lavender  
 PFC Cody James Matlock  
 PV2 Jeremy Malik Moody

### Aircraft Powertrain Repairer (15D)

#### Class 004-18

PV2 Haden H. Helveston – DG  
 PV2 Ashley Marie Chrisman  
 PV2 Danny Guzman

# People On The Move

PV2 Dakota Allen Lam  
 PV2 Okang R. McLaughlin  
 PV2 Anthony James Neville  
 PV2 Christian D. Santiagosantiago  
 PV2 Matthew Shane Spinks  
 PV2 Austin Mikell Tallent  
 PV2 Tyler James Tickle  
 SPC Jayson Torres  
 PV2 Donavon J. Vanenk  
 PV2 Michael Gaven West

**Aircraft Electrician (15F)  
 Class 007-18**

PV2 Jeremy Jacob Wells – DG  
 PFC Charles Philip Bassett, Jr.  
 PV2 Terry Lee Brunner, Jr.  
 SGT Ammanda Rae Deborer  
**Class 008-18**  
 PFC Alek Lynn Hile – DG  
 PV2 Jacob Albert Giles  
 SPC Timothy Allen Osborne  
 PV2 Nicholas James Plumley

**Aircraft Structural  
 Repairer (15G)  
 Class 004-18**

PV2 Jennifer A. Queen – DG  
 PV2 Alicia Rae Austgen  
 PV2 Sebastian Thomas Barron  
 SPC Christos J. Galanopoulos  
 PV2 Tyler Wade Jones  
 PV2 Ryan Andrew Lane  
 PV2 Brandon Lee Livingston  
 PV2 Matthew Scott Massey  
 PFC Kaden Leon Moffat  
 SPC Christopher T. Morris  
 SPC Aleksander Pierce  
 PFC Nevada Shade Rains  
 PV2 Matthew Sygman Sloan  
 PV2 Hunter James Sterner  
 PV2 Trevor Michael Walker

**Aircraft Pneudraulics  
 Repairer (15H)  
 Class 005-18**

PV2 Hazel D. Wesson – DG  
 PV2 Bradley C. R. Chaney  
 SPC Bryan John Lott  
 PV2 Cameron Eli Shiverick  
 SPC Philip James Smith  
 SPC John David Timmer  
 PV2 Michael A. Ulrichhaycock  
 PV2 Jamal Zefem Winters  
**Class 502-18**  
 PFC Damien Burnell James  
 SPC Jason Thomas Jenkins  
 PV2 Nicholas J. Stephens  
 SSG Thomas Williamson

**Avionics Mechanic (15N)  
 Class 005-18**

SPC Kody B. Bickerstaff – DG  
 PFC Joseph Dalton Bahrik  
 PV2 Dujan D. Gilbert, Jr.

SGT Michael Derek Marine  
 PFC Patrick Thomas Rutledge  
 PV2 Moises Jonathan Valdez  
 SPC Nathan Daniel Verhey  
**Class 006-18**  
 PFC Jeremy C. Rodgers – DG  
 PV2 Isaiah Michael Figueras  
 PFC Kathryn Breanna Goff  
 PFC Alexis Monae Harvey  
 PV2 Kenneth McKay Noall  
 PV2 Vincent Pepe  
 PV2 Ramon Luis Rivera  
 PV2 Haley Renee Speagle

**Aviation Operations  
 Specialist (15P)  
 Class 18-029P**

SPC Kenneth Salced  
 PV2 Brandyn Brooks  
 PV2 Tavian Washington  
 PVT James Ford  
 PVT Colleen Anderson  
 PVT Miranda Grosos  
 PVT Ting-yu Chiu  
 PVT Lajarius Anthony  
 PVT Selena Rojasreal  
**Class 18-030P**  
 SGT Alma Ramirez  
 SPC Javier Resto  
 PV2 Shakedria Burton  
 PV2 Christopher Roberson  
 PVT Joshua Burrell  
 PVT Edgar Diaz-delvalle  
 PVT Ryan Peluso  
 PVT Daquawn Taylor  
 PVT Darion Vinson

**Air Traffic Control  
 Operators (15Q)  
 Class 18-013Q**

SPC Jonathan Espitia  
 PFC Christian Ramos  
 PV2 Eric Brown  
 PV2 Micheal Garcia  
 PV2 Devin Young  
 PVT Isabella Calalang  
 PVT Jordan Hill  
 PVT Tyler Martin  
 PVT Tyrell Richardson  
**Class 18-014Q**  
 PFC Jonathan Armitstead  
 PFC Brandon Jenkins  
 PFC Daniel Crandall  
 PV2 Deja Harvey  
 PV2 Jomarys Lopezantiago  
 PVT Dionne Mckelvin  
 PVT Christian Wilkerson

**Class 18-015Q**

PVT Kiana Frutiger – DHG  
 SSG Michael Thornburg  
 SPC Eduardo Madrigal  
 PFC Jesse Resendez  
 PFC Kirkland Wheeler  
 PV2 Corwin Boyd  
 PV2 Dhavinsong David

PVT Nicolas Adam  
 PVT Robert Dodd  
 PVT Kyle Hutchison  
 PVT Christian Shook

**AH-64D Armament/  
 Electrical/Avionics  
 Repairer (15Y)  
 Class 005-18**

PFC Shannon M. Galimba – DG  
 PV2 Kristofer Gregory Ader  
 PV2 Stephen Charles Adkins  
 PV2 Kenneth Eugene Baker  
 PV2 Austin Ryan Caplinger  
 PV2 Brett Austin Carr  
 PFC Derek Michael Coffield  
 PV2 Aaron Joseph Covey  
 PV2 Brandon J. R. Dalton  
 PV2 Kathryn Rose De Clercq  
 PV2 Jimmie Axem Farmer  
 PV2 Kristal Star Kallio  
**Class 006-18**  
 SPC Jackson E. Riley – DG  
 PV2 Joshua Steven Fortner  
 PV2 Earl Fredrik N. Gaoat  
 PV2 Blake E. Joseph Okeefe  
 PV2 Joshua Alejandro Ortiz  
 PV2 Nicholas Xavier Pitcock  
 PFC Luis Joel Ramos  
 SPC Dustin Daniel Rhoades  
 PV2 Tyler Jordan Russo  
 PV2 Samuel Joseph Smith  
 PV2 Cameron Lee Stevens  
 PV2 Daniel Torres

**Class 007-18**

PV2 Arthur D. Costa – DG  
 SPC Ansel J. Agosto Negron  
 PV2 Levi Paige Bennett  
 PV2 Dillon Ray Casey  
 PFC Alexander Castaneda  
 PV2 Samina M. Delapena  
 PV2 John Wayne Foster  
 PV2 Schuyler James Holland  
 PV2 Scott Lee Hoppes  
 Wo1 Kamal Kant Singh

**Class 008-18**

SPC Joshua Martin Banna  
 SPC Suin Jung  
 PV2 Frank Michael Lopiccolo  
 PV2 Thomas Aroldo Maltez  
 PV2 Lakendrick D. McNeil  
 SPC Evan Elijah Paxton  
 PV2 Jacob M. Richardson  
 PV2 Andrew W. Stearman  
 PV2 Burl Guy Walker  
 PV2 Joseph James Woodard  
 PV2 Luis Armando Zarrazola  
 PV2 Adam M. Zolezzi

DHG – Distinguished Honor Graduate

DG – Distinguished Graduate

HG – Honor Graduate

\* = AAAA Member

+ = Life 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**

**30 Graduates, 26 June**

PV2 Matthew A. Horn – DHG  
 PV2 Phillip M. Baldwin – HG  
 SGT Nicolas J. Hackenson  
 SPC Jalon I. Bivens  
 SPC Rory J. Everitt  
 SPC James A. Fadgen Jr  
 SPC Dylan C Jackson  
 SPC Jimmy A. Kirkendoll  
 SPC Alex M. McDowell  
 SPC Ryan A. Tooley  
 PFC Isiah Reynolds  
 PV2 Joseph P. Casteran  
 PV2 Micheal S. Chacon  
 PV2 Triston C. Gray  
 PV2 Sean M. Kirkland  
 PV2 Brandon M. Livingston  
 PV2 Mackenzie J. Morris  
 PV2 Aaron S. Muniz  
 PV2 Blyden A. Robinson Jr  
 PV2 Hugo A. Rucobo  
 PV2 Deshon C. Stevenson  
 PV2 Shawn M. Williamson  
 PVT Trey S. Allen  
 PVT Kenneth S. Bevis  
 PVT Andrew D. Fly  
 PVT Scott M. Kuncher  
 PVT Timothy H. Mossman  
 PVT Troy Nixon  
 PVT Jared A. Sweeting  
 PVT Cory J. Tyler

27 Graduates, 11 July  
 SPC Wyatt L. Myers – DHG  
 PV2 Anthony R. Garcia \* – HG  
 PV2 Christopher R. McCoy  
 SGT Joseph J. McClain  
 SGT James J. Reid  
 SPC Dylan R. Gwaltney  
 PFC Christopher M. Stock  
 PV2 Sean M. Adams  
 PV2 Juan A. Becerra  
 PV2 Saul C. Castillo  
 PV2 Cody W. Evans  
 PV2 Brandon A. Fair  
 PV2 Alexander L. Knowles  
 PV2 Adam R. Leonard, Jr.  
 PV2 Rene Lopez  
 PV2 Leonardo Lopez-Martinez  
 PV2 Isaac A. Martz  
 PV2 Zachary B. Mickelson  
 PV2 William T. Moore

PV2 Brian N. Parris  
 PV2 Scott M. Russell  
 PV2 Joseph Saucedo  
 PVT Scott N. Bailey, Jr.  
 PVT Jacob T. Barber  
 PVT Zachary L. Beegle  
 PVT Christian J. Garrity  
 PVT Charles T. Seaton

**UAS OPERATOR**

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

**Shadow UAS Operator  
 Course**

**37 Graduates, 12 July**

PV2 Chandler J. Heber – DHG  
 PV2 Madison C. Albrandt – HG  
 SGT Brock C. Clements  
 SPC Kayla Cheesman-Miles  
 SPC Alex J. Daniels  
 SPC Taylor R. Kintigh  
 SPC Benjamin T. Rumley  
 PFC Tyler J. Fogo  
 PFC Collin G. Joseph  
 PFC Ariel S. McKenzie  
 PFC Taylor M. Miller  
 PFC Lucas A. Peacock  
 PFC Andrew C. Sharpe  
 PFC Matthew J. Spires  
 PV2 William L. Ash  
 PV2 Logan I. Booker  
 PV2 Daniel C. Collington  
 PV2 Jakob L. Cridelich  
 PV2 Anthony A. Fazio  
 PV2 Andrew B. Jenkins  
 PV2 Hayden C. John  
 PV2 Wesley A. King  
 PV2 Ethan J. McKenney  
 PV2 Jerid D. McKinney  
 PV2 David R. Nuzum  
 PV2 Antonio K. Pauley  
 PV2 Jacob A. Phillips  
 PV2 Leanna M. Proctor  
 PV2 Santiago Salazar  
 PV2 Branden J. Shannon  
 PV2 Connor C. Smith  
 PV2 Rhianna K. Van Hoose  
 PV2 Coty L. Vann  
 PVT William E. Baldree  
 PVT Nicholas S. Cross  
 PVT Branden D. Myers  
 PVT Tyler N. Strohl

DHG = Distinguished Honor Graduate

HG = Honor Graduate

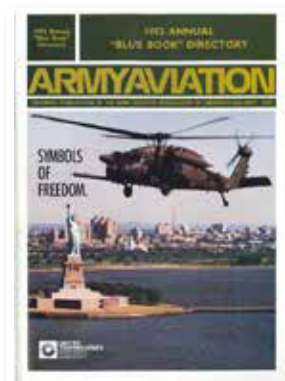
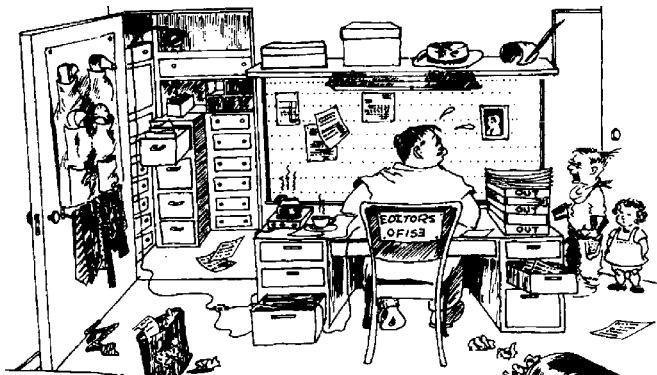
\* = AAAA Member

+ = Life Member

# Art's Attic

By Mark Albertson

Art's Attic is a look back each month 25 years ago and 50 years ago to see what was going on in ARMY AVIATION Magazine. Art Kesten was our founder and first publisher from 1953 to 1987. He was also the founder of the AAAA in 1957 and served as its Executive Vice President. Each month contributing editor Mark Albertson selects a few key items from each historic issue. The cartoon, right, was done 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, August-September 1993

### Briefings

The National Aeronautic Association has chosen LTG Robert R. Williams (Ret.), AAAA Charter Member and former AAAA President, to receive one of the

prestigious Elder Statesman of Aviation awards for 1993. This award is accorded to Americans who, over a course of years, have made significant contributions to advance the cause of aeronautics. LTG Williams' contributions to Army Aviation certainly made him a worthy recipient; for his efforts since 1942 have, in no small part, advanced the cause of aviation in the United States Army.



### Briefings

House Armed Services Committee, March 31, 1993: General Gordon R. Sullivan, Chief of Staff, U.S. Army, testified to committee members, that the U.S. Army is the best in the world.

"Today our Army is a rapidly-changing institution . . . Our challenge . . . is to transform this Army, while keeping it trained and ready so that we can respond if needed, during the transformation period.

"We are the eighth largest army in the world, behind the two Koreas, Vietnam, Pakistan, India, China, Russia and Indonesia.

"Soon we will be the ninth; eventually I think we will get into double digits."

### 1993 Scholarship Winners



174 candidates vied for \$122,000 in scholarships and grants; of which 49 qualified, parceled among freshmen, upper classmen and graduates.

Among freshmen, the grade average was 3.94 out of a possible 4.00; and, these same freshmen were ranked in the top 4.32 percent of his or her class, with an average SAT math and verbal score of 619 out of 800.



## 50 Years Ago, August-September 1968

### Army Aviation Material Issue: L-15 Scout

Two-place observation aircraft, produced by Boeing; the Scout was a prototype which never made it to production. A dozen YL-15s

were procured by the Army, 1947 to 1949. This aircraft used spoilers in lieu of ailerons and full flaps. In addition, the observer faced the rear. The Scout mounted a single Lycoming O-290-7 power plant of 125 hp. Cruising speed (SL) was 86 mph; with a maximum range of 217 miles.



### Army Aviation Material Issue: YH-18A



Four-place utility helicopter, product of Sikorsky Aircraft Division, Stratford, Connecticut. YH-18A was equipped with a Franklin O-425-1 piston engine of 125 hp. Maximum speed (SL), 110 mph; maximum range, 305

miles; service ceiling, 13,800 feet. The Army purchased four YH-18As in 1950 for operational testing and evaluation.

### Out of the Drink

A CH-47, from the U.S. Army Transportation School, is shown hoisting a privately-owned twin-engine fixed wing from a semi-submerged sandbar off the Virginia coast. The airplane landed a fishing party onto the sandbar; then, became hopelessly mired in the marshy sand and could not take-off. The fishing party was extracted by boat. Meanwhile the incoming tide did its gaudy work; reducing the aircraft to a total loss and its ignominious removal by the Chinook.





The Army Aviation Hall of Fame, sponsored by the Army Aviation Association of America, Inc., recognizes those individuals who have made an outstanding contribution to Army Aviation.

The actual Hall of Fame is located in the Army Aviation Museum, Fort Rucker, Ala.

The deadline for nominations for the 2020 induction is June 1, 2019

Contact the AAAA National Office for details and nomination forms at (203) 268-2450 or visit [www.quad-a.org](http://www.quad-a.org)

# Army Aviation Hall of Fame

---

## Command Sergeant Major Willy Wilson

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

---



**C**SM Willy Wilson began his career in Army aviation as an aircraft mechanic. On his first combat tour in Vietnam he served as mechanic and door gunner in both Army and Navy helicopter gunships. On his second he was a technical inspector, and also served as flight engineer of a CH-54 crew that tested new off-loading procedures for seagoing vessels. They off-loaded 700 tons of cargo from the aircraft carrier HMAS Sydney in four hours and 30 minutes.

In the mid-sixties Wilson was a crew chief of a CH-34 with the NASA Gemini Program determining feasibility and procedures for land versus sea recovery. In August 1979 he was NCO in charge of Operation Northern Leap, which established a new operational concept for self-deployment of Chinook helicopters in a multi-helicopter flight from Fort Carson, Colorado to Heidelberg, Germany.

His last active-duty assignment was director of enlisted maintenance training, a position previously held by either a colonel or Lt. Col. He was not only successful as a department director, but also established an Aero Scout Observer Course, restructured the Air Traffic Control Course, and established and served as Commandant of the Army Aviation Branch NCO Academy. His peers as directors in the Aviation School were senior commissioned officers with whom he competed successfully for resources.

After retiring, he continued to serve Army aviation as vice president, operations, for a defense contractor involved in overhauling Army helicopters.

During active service, he was awarded the Legion of Merit, Distinguished Flying Crosses from the Army and Navy, two Bronze Stars, 25 Air Medals, Meritorious Service Medal, Purple Heart and others. His service sets him apart from his peers; he has made contributions normally unattainable at his grade level.



# Readiness is the metric that matters.

Always ready.  
Never stop improving.

We know what it takes to fly hot and high because we've powered the U.S. Army's Apache and Black Hawk missions since 1979. Experience has inspired our future.

We are ready.

[GET901.com](http://GET901.com)



GE T901

for ITEP