

## 445th AES, 711th HPW collaborate to improve en route patient care

By Amanda Dick  
445th Airlift Wing Public Affairs

The 445th Aeromedical Evacuation Squadron began assisting the Air Force Research Laboratory's 711th Human Performance Wing in the development cycle of the Battlefield Assisted Trauma Distributed Observation Kit after a meeting July 15, bringing the medical documentation tool to Apple's mobile operating system, or iOS.

Prior to that date, the 445th AES participated in the prototype cycle for eight months, providing feedback from the end-user point of view.

The 711th HPW developed BATDOK for Air Combat Command and Air Force Special Operations Command pararescue jumpers to improve battlefield patient care and documentation. BATDOK has since become a Defense Health Program initiative for multiple roles of care with funding from Air Force Medical Service.

The Joint Operational Medicine Information Systems program selected BATDOK as the joint integrated electronic health record for point-of-injury and en route care in 2022, and it is primarily available on the Android operating system.

However, the Air Force AE community decided it would follow JOMIS and needed the BATDOK-like capability to work with iOS devices they already carried, as AE crews execute patient movement with critical care transport teams on Air Force, sister service, contracted and international partner aircraft.

"At its core, BATDOK for iOS is a patient care tool that performs patient documentation," said Jake Kirsh, 711th HPW iOS project lead. "We have central monitoring capabilities and clinical decision support tools that are also baked into BATDOK. So, it's patient documentation plus these additional tools with an overall goal of trying to make the medical professionals' life easier."

To ensure they fully understood the AE environ-



Master Sgt. Patrick O'Reilly

**Tech. Sgt. Diego Weithoener, 445th Aeromedical Evacuation Squadron medical technician, uses the BATDOK application during a C-17 Globemaster III AE training flight to Prestwick-Glasgow Airfield, Scotland, June 27, 2024.**

ment and patient care workflows, the 711th HPW team leveraged capabilities of an AES co-located on Wright-Patterson Air Force Base, starting a valuable relationship with the 445th AES.

"We're a team of engineers with limited medical background, and because the 445th is across the street from us with all this medical expertise, we reached out with just a basic, 'Hey, can you answer a couple of questions?'" Kirsh said. "Then it grew into this incredible relationship we've built over the last few months."

Kirsh explained how important it's been to be able to fly with the 445th AES

in a realistic environment where he can comprehend their mission to a greater extent.

"We are gaining a better understanding of what the mission space looks like," Kirsh added. "I can witness them during their training missions, providing care for these mock patients, and better understand their workflows. That way, we can tailor our app to match what we are seeing. That's been very critical for our progress."

For AES, this partnership has streamlined the process of patient care, which is a typically cumbersome process and not standardized.

According to Maj. Nate Copen, 445th AES director of operations and senior flight nurse examiner, AE teams take a pelican case, containing a military computer and CDs to upload and download patient records, on each mission. Then, the process of transferring patient information to the next care location depends on the facility – they may require a CD, printed paper copies, etc.

Having BATDOK on iOS will allow AE members to simply scan a QR code and access the information on a small, electronic device.

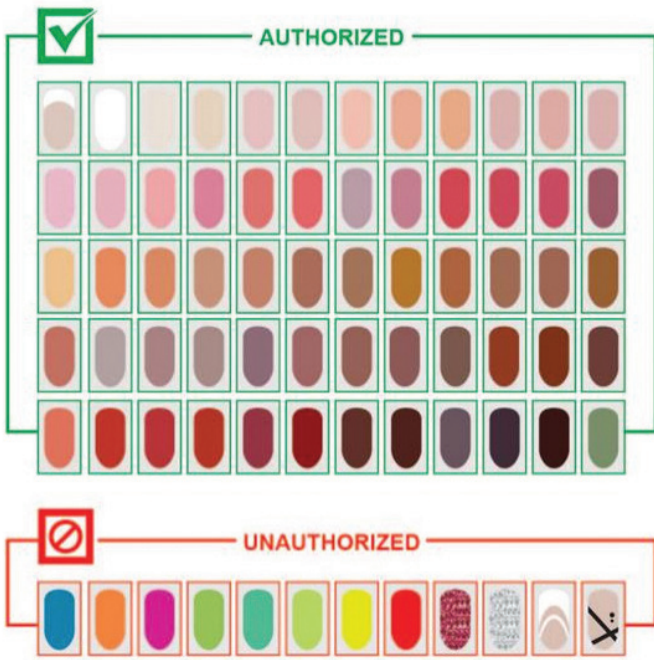


Dress & appearance faux pas

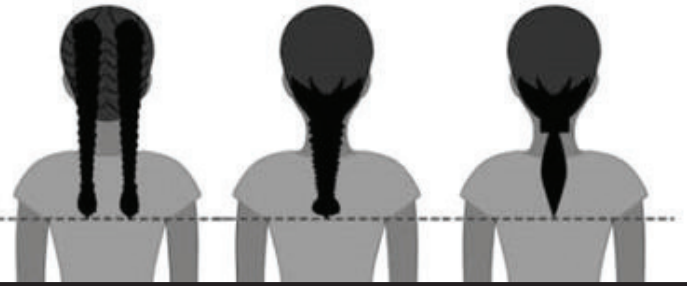
The Air Force updated Department of the Air Force Instruction 36-2903, Dress and Personal Appearance of Department of the Air Force Personnel, in March of 2024.

To ensure that 445th Airlift Wing Citizen Airmen continue to maintain dress and appearance standards, please see reminder graphics and information below.

Nail Color



**Hair**  
Ponytail/braid length hair may not extend below the line below the running between the top of each sleeve inseam at the under arm through the shoulder blades.



Beard

Beards are not authorized unless for medical reasons. Beards must not exceed ¼-inch in length. They may not be overly shaved, shaped or tapered to achieve different styles (goatees, faded, etc.) and must present a natural appearance to the Airman's hair color, not bleached or dyed. For religious accommodations, see Chapter 11 of DAFI 36-2903.

Backpacks

Backpacks must be a single color in solid black, brown, gray or dark blue, unless OCP patterned. Olive drab green, tan, sage green, or OCP-patterned back packs may be worn with the OCP. Small logos and small gold or silver clasps are authorized, but ornamentation, high-gloss, designs, or hanging/dangling objects and chains are not. Sling backpacks will be worn across the chest, or if carried on shoulder worn on the left shoulder. Two-strap backpacks will be worn on the left shoulder or both shoulders as long as it does not interfere with rendering the proper salute.

Eating While in Uniform

Eating while walking in uniform or in formation is not authorized unless authorized by the commander.

Eyelashes

Eyelashes must be a natural color, not exceed 14 millimeters in length or touch the eyebrow, and present a natural appearance. Examples of unauthorized eyelash extensions:

- Top - unnatural appearance
- Middle - does not match a natural eyelash color
- Bottom - extension length exceeds 14 mm



ARC Athena meets in-person to educate Airmen

By Lt. Col. Miranda Laubie  
445th Mission Support Group deputy commander

During the last couple of years, an organization known as ARC Athena met in person to educate Air Force Reserve and Guard Airmen on several initiatives aimed to identify and develop solutions to female-and-family-centric barriers of military service.

The organization focuses on nine lines of effort: Childcare Programs, Policies and Entitlements, Pregnancy Discrimination and Maternal Bias, Aircraft Limitation/Sanitation, One Size Does Not Fit All, Countering Sexual Assault and Harassment, Lactation Rooms/IVF/Breastmilk Shipment, Maternal Fitness, Female Specialized Healthcare, and Exceptional Family Member Program.

Maj. Gen. Regina Sabric, 10th Air Force commander, described ARC Athena as a grassroots effort by “a lot of people who just cared.”

The movement is comprised and championed by all genders and ranks. With the Reserve command represented by approximately 25% women, the goal is for LOEs being examined to one day affect policy, planning and decision making at all levels.

I attended this event to learn the issues that mostly affect female Airmen, specifically families. I’ve had Airmen miss out on valuable annual training because of breastmilk shipment concerns. Now, there is a joint regulation in place that eases the burden on shipment costs for families, and it’s truly the behind-the-scenes efforts of organizations like ARC Athena and the Women’s Initiative Team that bring issues like this to light and eventual policy.

The 2024 event was held at Joint Base Langley-Eustis, Virginia, with more 400 attendees, 270 of which



Lt. Col. Miranda Laubie, 445th Mission Support Group deputy commander, left, and Lt. Col. Sabrina Ocampo, 445th Airlift Wing director of staff, right, with Deanne Criswell, FEMA Director, middle.

were in person. Speakers this year included Brig. Gen. Jennie Johnson, Air Reserve Personnel Center commander, and Deanne Criswell, FEMA director.

When I’m in uniform, I try to be a model to young women on what they can be one day. I want to be able to accurately answer their questions in hopes of recruiting the next generation of Airmen and families.

If you are interested in learning more about ARC Athena, attending the next event or working on a specific LOE, please contact Lt. Col. Miranda Laubie, Lt. Col. Sabrina Ocampo or Senior Master Sgt. Kerrie Schutte.

Buckeye Tigers take tour with 445th AW



Lt. Col. Andrew Pierce, 89th Airlift Squadron chief of standardizations and evaluations/C-17 instructor pilot and Ohio Organization of Black Aerospace Professionals A.C.E. (Aviation Career Education) Academy Buckeye Tigers Aviation Program director, briefs young members of the Buckeye Tigers prior to boarding a C-17 Globemaster III during a tour of the wing at Wright-Patterson Air Force Base, Ohio, July 10, 2024. The Buckeye Tigers Aviation Program is an aviation organization focused on exposing young adults in middle and high school to various aviation careers in the Columbus and greater Central Ohio region. Members get to experience flight in a single engine airplane as the culminating event of OBAP’s sponsored academy.

Master Sgt. Patrick O'Reilly





BATDOK from Page 1



Master Sgt. Patrick O'Reilly

**Capt. Alexandra Cunningham, 445th Aeromedical Evacuation Squadron flight nurse, evaluates mock patient, Senior Airman Hailey Bullock, the 445th AES medical technician, while using the BATDOK application during a training flight, May 12, 2024.**

"It's an accelerated electronic health record fit for how they provide care," explained Copen when describing how special operations forces currently use the app on the Android system. "It's the push of a button and all their charting is being completed. They're able to move patient information much quicker and more efficiently."

Even though the 711th had been prototyping BATDOK for about a year prior to collaborating with the 445th, movement on the iOS app progressed quickly once the two teams connected in December 2023.

"This was a great opportunity not just for our squadron but for the 711th too, as it's instantaneous," said Copen when referring to app updates being made as soon as AE provides feedback to the developers.

AES teams used the BATDOK prototype during training, missions and exercises, and aggregated their input at the end of each instance.

Both units interface during weekly meetings where 445th Citizen Airmen relay feedback to Kirsh and the software developers, Craig Harrison and Nick Howell, who write the app code.

During these meetings, the developers can make changes to the app in real time based on the input provided by AE Airmen. The 711th team is also able to ask questions and gain clarification like determining if functions the developers are thinking of building need to be created or not.

"We're shortening the feedback loop and building the app incrementally," Kirsh explained. "This partnership reduces misinterpretation of our requirements, because we can collaborate directly with the end user."

It streamlines the process, because we can ask, 'Is this how you use it?'"

The benefit to the patient will be continuity of medical records from injury to en route care to eventually filing for VA disability benefits, according to Copen.

"All that is dependent upon the charting. If the charting is not done correctly, how is the VA going to know? How are they going to track it?" he continued. "This is going to be much better for those we provide care to, because all the way from start to finish, all that will be charted now and nothing will get missed because of BATDOK. The way AE thinks up on that jet, we can now translate into our charting which makes it way more effective," Copen continued.

Eventually, the app on both operating systems will work together to connect patient care across the joint spectrum to make patient handoff seamless.

"We want to be device agnostic," Kirsh said. "If you have Android or iOS, you'll be able to field our software and document patients. You can hand off patients between versions and it'll be no big deal. Whether it's through the native networking capabilities of the device or a QR code transfer, you will still be able to transfer data."

While there is no specific date for when the iOS app will be ready for operational deployment, the in-tandem workflow between the 445th and 711th decreased the time it took to advance the prototype and secured funding for the iOS app from JOMIS for fiscal year 2025, according to Kirsh.

In the meantime, the 445th AES will continue to provide input to help make BATDOK the best it can be for all AE end users when the product goes operational.

"We're very excited to be a part of this," Copen stated. "To be part of something that is being developed with help by the end users is incredible."

*This article does not imply federal endorsement. BATDOK is a registered trademark entity.*



Tech. Sgt. Joel McCullough

**Tech. Sgt. Eric Lovingshimer, 445th Aeromedical Evacuation Squadron medical technician, uses the BATDOK application during a training flight on a C-17 Globemaster III, May 9, 2024.**

## 445th AES Airmen strengthen capabilities during June training



(left) Captain Amanda Hostetter, 445th Aeromedical Evacuation Squadron flight nurse, directs members carrying a litter onto a C-17 Globemaster III before an AE training flight going from Prestwick-Glasgow Airfield, Scotland to Wright-Patterson Air Force Base, Ohio, June 30, 2024. AES members are responsible for setting up all medical equipment and structures within the plane before take-off. (right) Capt. Joseph Ellerbee, 445th Aeromedical Evacuation Squadron flight nurse, attaches his mask to an oxygen tank inside a C-17 Globemaster III during an AE training flight, June 30, 2024.



Photos by Master Sgt. Patrick O'Reilly

(left) Senior Airmen Nicole Combs and Maiya Sauer, 445th Aeromedical Evacuation Squadron medical technicians, assist a mock patient outside a C-17 Globemaster III prior to an AE training flight from Prestwick-Glasgow Airfield, Scotland, to Wright-Patterson Air Force Base, Ohio, June 27, 2024. (right) Senior Airman Andrea Plaughter, 445th Aeromedical Evacuation Squadron medical technician, secures a line of oxygen inside a C-17 Globemaster III during an AE training flight, June 27, 2024. The mission of AES is to provide time sensitive, mission critical en route care for simulated patients transiting to and between medical treatment facilities. They provide in-flight medical care aboard mission-directed aircraft with teams carrying all necessary equipment to turn the aircraft into a flying ambulance.





## SPOTLIGHT

**Rank/Name:** Tech. Sgt. Alexandria Fearon

**Unit:** 445th Aircraft Maintenance Squadron

**Duty Title:** Integrated Avionics Technician

**Hometown:** Warren, Pennsylvania

**Civilian Job:** Air Reserve Technician

**Education:** Associate degree in aircraft maintenance technology

**Hobbies:** My husband and I enjoy exploring the state in our airplane, hiking around with our dogs and camping.

**Career Goal:** Ultimately, I want



to be a good mentor and supervisor. I have learned so much through all my units (one active duty, two Guard and two Reserve) and I want to share the knowledge and help pave the way for future generation.

**What do you like about working at the 445th?** This is my fifth unit and I have really enjoyed being here. Everyone has been very welcoming, and I have been able to learn so much. Learning from everyone with the prospect of becoming a flying crew chief has been so exciting.

**Why did you join the Air Force?** Originally, I just wanted to get out of my hometown so I joined the active duty Air Force. I decided to remain in the Guard/Reserve because I loved it. I love feeling like I contribute to a mission that is so much bigger than me. I love getting to help new Airmen find their way and I love the opportunities I have gotten, and the adventures in front of me.

## August ancillary classes available through DPH

By Vera Ensalaco  
445th Airlift Wing Director of Psychological Health

August is time to start back to school for many families. Summer truly flew by. While the kiddos or you may be taking classes off base, there are some offered here at the 445th Airlift Wing that are of no cost to you and can leave you feeling pretty good about yourself.

Through the Director of Psychological Health office, in addition to talking with someone for short, solution-focused (non-clinical) supportive visits, coordination for more extensive visits can be made. Problem solving, coping strategies, triage for referral sources, crisis intervention or grabbing a cup of coffee in our relaxing lounge.

Available ancillary trainings are:

- TeamUP! – This two-hour class addresses emotion, stress and thought-management skills, and available Saturday and Sundays of the unit training assemblies when members pre-register and upon request for full-time staff during the week. The class does not go into your records. Lunch is provided. Limited to six participants maximum and those interested must register by emailing vera.ensalaco@us.af.mil.

• Four Lenses – This three-hour class is a personality model to promote teamwork. Must be requested through this office and a time will be set up for your unit (10 members in each class minimum).

- American Red Cross Classes in person and virtually.
- Civilian Health Promotions Services (CHPS) – In your units for wellness screenings and classes for better health and wellness (civilian status).

- Social Security 101 and Social Security Disability Insurance classes – Social Security Administration Specialists will host 90-minute virtual sessions to share social security essentials and updates on benefits.

For more information, please contact DPH Office via phone at (937) 701-1124 or email at vera.ensalaco@us.af.mil.



## News Briefs

### Promotions

**Senior Master Sergeant**  
Aaron Fisher, 87 APS  
Ryan Singer, AW

**Master Sergeant**  
Oyekola Mustapha, 87 APS  
Adam Ozio, AMXS  
Adam Sigrist, ASTS

**Technical Sergeant**  
Adam Coyle, CES  
Lawrence Depasquale, MXS  
Bhishma Desai, ASTS  
Anthony Fox, OG  
Sharnita Lloyd, AW  
Chloe Van Hoose, FSS

**Staff Sergeant**  
Williams Amo Ampomah, FSS  
Mason Glaze, MXS  
Caleb Kraus, AMXS  
Jackson Martin, AMXS

**Senior Airman**  
Kiara Bobobyrd, SFS  
Colter Hess, MXS  
Antal Killy, AMXS  
Cardae Lane, 87 APS

Alexandra Turner, 87 APS  
**Airman First Class**  
Timothy Dang, ASTS  
Jonathan Pascual Lopez, LRS  
Elias Strubler, SFS

**Airman**  
Jimmie Darbonne, FSS  
Katelyn Weber, 89 AS

### Hometown News

Airmen are encouraged to participate in the Hometown News Release Program.

The program allows service members to inform their communities of their personal military accomplishments. Each year over 500,000 individual news releases are distributed to the 14,000 newspapers, television and radio stations with this service.

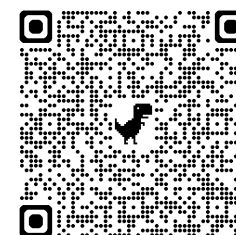
The program highlights achievements such as promotions, awards, and retirements. To complete a form, please visit the Hometown News website at <https://www.dvidshub.net/joinhometownnewsservice>.

Please contact the 445th PA office at (937) 257-5784 if you have questions.

### Employers Day

Employers Appreciation Day will be held Saturday, Nov. 2. Employer information must be provided to Public Affairs by Aug. 4.

Use the updated QR code below to download the form. Please email downloaded form to 445AW.PA2@us.af.mil.



## Buckeye Flyer

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U.S. Government Printing Office  
5-00001-445AW



# 2024 Family Day

Saturday, Sept. 14, 12-3p.m.  
Location: Bass Lake

- Football
- Tug of war
- Volleyball
- Cornhole
- C-17 static display (bus transportation provided)
- Kid's zone/bounce houses
- Face Painting
- Video game station
- Inflatable jailbreak

\*Bring picnic blankets and lawn chairs

\*Squadron tailgate: Each unit will provide food for its members.





## Around the wing ...



(left) Olivia Lehman, a health promotion coordinator with Civilian Health Promotion Services, checks the blood pressure of Senior Master Sgt. Dennis Hartwick, 445th Maintenance Group quality assurance superintendent, during the annual Civilian Health Promotion Services Wellness Fair event at Wright-Patterson Air Force Base, Ohio, July 17, 2024. (right) Members of the 87th Aerial Port Squadron load a Next-Generation Air Transportable Galley/Lavatory onto a C-17 Globemaster III prior to take-off at Wright-Patterson Air Force Base, Ohio, June 27, 2024.



Photos by Master Sgt. Patrick O'Reilly

(left) Master Sgt. Spencer Fisher, 445th Aircraft Maintenance Squadron crew chief, places a chock under the wheel of a C-17 Globemaster III after a flight at Wright-Patterson Air Force Base, Ohio, July 16, 2024. (right) Senior Airman Zechariah Gerardi, 87th Aerial Port Squadron ramp services representative, and Tech. Sgt. Konrad Cope-land, 445th Aeromedical Evacuation Squadron medical technician, (both Wright-Patterson Air Force Base Honor Guard ceremonial guardsmen) train on folding the U.S. flag at Wright-Patterson AFB, Ohio, July 17, 2024.



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