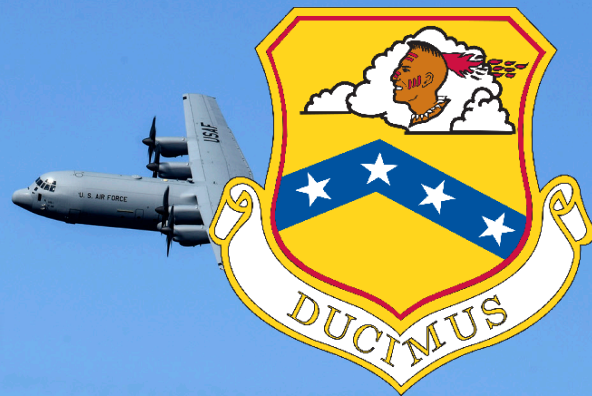


189th Airlift Wing WARRIOR



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Arkansas Air National Guard

Little Rock Air Force Base, Ark.



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Commander's Corner: maintaining partnerships

By Col. Thomas D. Crimmins
189th Airlift Wing Commander

Hello Warriors! This month I want to discuss the importance of partnerships within the National Guard community. The National Guard thrives on the partnerships they build and maintain within the community. Partnering with state emergency managers, FEMA and many others, before, during and after disaster strikes to help facilitate a unified and rapid homeland response, the National Guard plays a major role in maintaining the state of the state they represent.

As the commander of the 189th Airlift Wing and a member of the Arkansas Air National Guard, I want to ensure we are using every opportunity possible to educate our community and civic leaders on the role we play in our state and for our national and international partners. The National Guard has always been and always will be the states' sole military force to respond to domestic incidents.

In addition to the support we provide to our state and the Nation, the National Guard also represents the State Partnership Program, providing interoperability, training and assistance in 83 countries around the world. Approximately one-third of the nations in the world are partnered with one of our 50 states, 3 territories and the District of Columbia. Our National Guard Soldiers and Airmen conducted more than 950 SPP activities worldwide in support of geographic combatant commands in FY18. To date, 13 SPP nations have become NATO members since joining the SPP.



I also want to mention that May 10th is Military Spouse Appreciation Day. Make sure to let your spouse or loved one know how much they're appreciated for the patience and sacrifice they give to our nation. While we are deployed, TDY or simply working long hours, our families are home keeping order and looking forward to a joyous return.

As always thank you all for your service! I am proud to be your commander and serve with you! DUCIMUS - WE LEAD!

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ASIAN AMERICAN PACIFIC ISLANDER HERITAGE MONTH • MAY

UNITE OUR MISSION

BY ENGAGING EACH OTHER



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Girls Go CyberStart initiative provides opportunity for young women in Arkansas

By Tech. Sgt. Jessica Condit
189th Airlift Wing Public Affairs

In the state of Arkansas, the cyber industry has taken leaps and bounds within the past year, encouraging people of all ages to invest their time and knowledge into the booming industry. The 198th Operations Group, Detachment 1 cyber facility is leading the push for cyber awareness in the community and across the state. The detachment encourages children and businesses to understand the importance of cyber operations and what it means to be a cyber operator.

During a visit last week, the detachment hosted more than 40 girls from the Central High School Air Force Junior Reserve Officer Training Corps in a half-day training event that taught them the basics of internet and password security as well as cybersecurity and the importance of what they do in the community.

The all-female invite was spurred by the Girls' Cyber Initiative, and was part of the Girls Go CyberStart program, a suite of challenges, tools and games designed to introduce you high school-aged women to the field of cybersecurity; a field which according to the 2017 Global Information Security Workforce Study, consists of only 11 percent of women cybersecurity professionals.

"This is a great program for these girls," said Senior Airman Keana Gold, a 189th OG, Det. 1, Intelligence Analyst. "This type of visit helps them learn to interact more and spread cyber information and the value it holds. It helps make cyber look less scary. The best part is the benefit it gives these girls, showing them that girls can accomplish a lot, and hopefully makes

10 COOLEST JOBS IN CYBERSECURITY

WHY THEY MAKE A DIFFERENCE AND HOW TO QUALIFY FOR THEM

Initial Jobs With Lots of Advancement Opportunities

1 DIGITAL FORENSIC ANALYST; INVESTIGATOR

"The thrill of the hunt! It's CSI for cyber geeks! You never encounter the same crime twice."

You are the detective in the world of cybersecurity - searching computers and networks for evidence in the wake of an incident.

2 PENETRATION TESTER FOR SYSTEMS AND NETWORKS

"Be a hacker, but do it legally and get paid a lot of money!"

You look for security vulnerabilities in target systems and networks to help enterprises improve their security.

3 APPLICATION PEN TESTER

"We desperately need more of this, application security has been such a black hole for so long."

You're a programming/security wizard - testing applications before deployment so they don't present opportunities for intruders.

4 SECURITY OPERATIONS CENTER (SOC) ANALYST

"The fire ranger. Better catch the initial blaze, or there goes the forest."

With an eye for detail and anomalies, you see things most others miss. You implement active prevention, active detection, active monitoring, active response.

5 CYBER DEFENDER; SECURITY ENGINEER (ENTERPRISE AND ICS)

"A leg up on your IT and engineering buddies; talk shop with them but you are saving the world from the bad guys, too."

You implement and tune firewalls, IPS/IDS, patching, admin rights, monitoring, application white listing, more.

More Advanced Jobs - Open After A Few Years of Great Performance and Specialized Training

6 HUNTER; INCIDENT RESPONDER

"The secret agent of geekdom. You walk in and say 'OK I'll take it from here.'"

While everyone else is running around shouting, "The system's dead," you have the sense and skills to rationally figure out why.

7 SECURITY ARCHITECT

"You get to design the solution, and not just for the perimeter."

You are creative and on top of the game both technically and in business; You design and build defensible systems and are part of an adept team.

8 SECURE SOFTWARE DEVELOPMENT MANAGER

"Coolest software developers"

You protect the development team from making errors that will allow hackers to penetrate your organization and steal data. You are a programmer, but a programmer with special powers.

9 MALWARE ANALYST / REVERSE ENGINEER

"The technical elite! Only go here if you have been called. You know who you are."

You look deep inside malicious software to understand the nature of the threat - how it got in, what flaw it exploited, and what it is trying to do or has done.

10 TECHNICAL DIRECTOR / CISO

"Making decisions making things happen. That's coolness."

You are at the top of the tech ladder. A strategic thinker, you're hands on the design and deployment of solutions. You hold the keys to tech infrastructure.

1 CYBER FAST TRACK



"I loved CyberStart challenges - the coolest game I ever played."

"Taught me a lot; proved cybersecurity wasn't too hard to learn."

"The most fun I have had learning."

DISCOVER IF YOU HAVE THE APITUDE CYBERSTART: THE GAME

- No need for cyber or IT experience
- More than 250 fun challenges protecting "real-world" bases
- Available completely online. Everything you need is in the online Field Manual and hints.
- 19 U.S. Governors launched statewide programs for their students.

LEARN MORE AT CYBERSTART.US

2

CATEGORY/TOPIC	NO. DUILS
Computer Hardware/ Data	6
Linux and Windows	7
Networking	6
Programming	6
Common Attacks & Security	10
Others (Mail, Google, etc)	11

MASTER THE FOUNDATIONS CYBERSTART: ESSENTIALS

- Core technologies: How they work and are attacked
- Online, hands-on immersion training in 46 modules
- Progress at your own pace. Quizzes and tests on each module
- National exams to reach silver or gold levels

"We now hire cybersecurity grads only if they have hands-on mastery of five core foundations" (CISO, multi-\$5 billion Silicon Valley tech leader)

3

EMPLOYER INTERVIEWS BEFORE ACCEPTANCE

GET SKILLS EMPLOYERS NEED AND A COOL JOB!

- Veterans' Academies, Women's Academies, and Open Academies
- Three SANS immersion courses and three high value CIAC certifications
- 90% job placement in 6 months
- Also available as Certificate in Applied Cyber Security (ACS) at SANS.edu and other accredited colleges and universities

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"Completing the SANS VetSuccess Academy not only influenced my career plans, it defined them - opening doors that were inaccessible to me otherwise. In fact, being selected into the VetSuccess program was a 'hitting the jackpot' moment for me."

Ed Russell, USAF (ret) NTT Security





***Above:** Senior Airman Keana Gold, a 189th Operations Group, Detachment 1 intelligence analyst, instructs girls assigned to Cental High School's Junior Reserve Officer Training Corps on safety and security while using the internet, April 23, 2019, at Little Rock Air Force Base, Ark. The detachment hosted more than 40 female cadets who are enrolled in Arkansas' Girls Cyber Initiative program. **Below:** Master Sgt. William Kriegbaum, a 189th Operations Group, Detachment 1 cyber facilitator, instructs Junior Reserve Officer Training Corps cadets from Central High School on cyber safety and security. The group of more than 40 girls are part of the Girls Cyber Initiative in Arkansas. **Bottom:** Staff Sgt. Benjamin Kafer, a 189th Operations Group, Detachment 1 cyber facilitator, instructs girls assigned to Cental High School's Junior Reserve Officer Training Corps on safety and security while using the internet, April 23, 2019, at Little Rock Air Force Base, Ark. The detachment hosted more than 40 female cadets who are enrolled in Arkansas' Girls Cyber Initiative program. (U.S. Air National Guard photos by Tech. Sgt. Jessica Condit)*

them feel less timid, boosting their confidence.”

The Girls Go CyberStart was created by the SANS Institute in order to encourage young women to pursue their interests in the information technology and computer security career field, as a hobby or potentially career path. According to www.sans.org, the objective of the SANS Institute, through this program, is to change the face of cybersecurity for today's young women, presenting it as an exciting, engaging and accessible employment option. The Girls Go CyberStart will introduce the girls who participate to Linux, programming, web attacks, binary attacks, cryptography and forensics.

For more information on the Girls Go CyberStart program, visit www.girlsgocyberstart.org or visit www.sans.org/CyberStartUS for more insight on the CyberStart program as a whole.





Wilson, Goldfein outline Air Force progress, need for larger force

By Secretary of the Air Force Public Affairs
Secretary of the Air Force Public Affairs

WASHINGTON— Secretary of the Air Force Heather Wilson and Air Force Chief of Staff Gen. David L. Goldfein told the House Armed Services Committee April 2 that the Air Force must get bigger and funding must be predictable to meet – and defeat – security threats at home, globally and in space in an era of great power competition.

“In fiscal year 2020, we will continue to build a more lethal and ready Air Force, while fielding tomorrow’s Air Force faster and smarter,” Wilson and Goldfein said in a joint posture statement.

They cited findings from the independent and bipartisan National Defense Strategy Commission to explain the stakes. “Regardless of where the next conflict occurs or which adversary it features, the Air Force will be at the forefront,” the commission said.

Increasing the number of operational squadrons to 386 from the current 312, a number designated after rigorous analysis is necessary for the Air Force to meet requirements in the National Defense

Strategy and to “prevail over our highest priority competitors,” the commission said. The analysis from which 386 was derived included thousands of simulations and war games and “produced an unmistakable conclusion: the Air Force is too small for what our nation needs.”

“We are more ready for major combat operations today than we were two years ago. More than 90 percent of our pacing squadrons are ready to ‘fight tonight’ with their lead force packages,” Wilson and Goldfein said in their Fiscal Year 2020 Posture Statement to Congress.

They also said that readiness recovery is foremost about people with fiscal 2020 end-strength set to increase by 4,400 Airmen and 5,143 civilians. And the Air Force increased pilot production last year, graduating 1,211 pilots with production expected to hit 1,480 in 2020.

The service’s space budget also increases in 2020 with a 17 percent increase over the 2019 budget, building on advances and further accelerating efforts to protect and defend the nation’s ability to operate in space.

The top service leaders also affirmed the importance of a safe, secure and effective nuclear deterrent. The Air Force provides two-thirds of the nation’s nuclear triad and 75 percent of the nuclear command, control and communications capability.

“Since the end of the Second World War over 70 years ago, every president and every Congress has supported the nuclear triad as a vital element of our national defense. We must continue to do so,” they said.

In this era of great power competition, Wilson and Goldfein said, “We cannot win this contest with an acquisition system from the Cold War. We must move





fast to stay competitive, and we are fundamentally transforming what we buy, how we buy it and from whom we buy it.”

They also noted the advances the Air Force has realized in speeding up and streamlining the acquisition process. To date, the service has eliminated 71 years of “acquisition schedule time” and saved \$15 billion in the last nine months. There is heightened focus – and results – from using prototypes, tailored acquisition strategies and agile software development.

The service, in the fiscal year 2020 budget, is set to continue the development and purchase of key weapon systems to include the KC-46 Pegasus, B-21 Raider and F-35 Lightning II, while also investing in modernized F-15EX’s to replace the aging F-15Cs.

“We remain committed to the F-35 and its game-changing capabilities, and will continue purchasing 48 aircraft each year,” they said.

“Our study also shows more of the same isn’t the best answer. The Air Force we need must evolve to incorporate advanced technology and wield cutting-edge capabilities in new and innovative ways,” they said.

While the fiscal year 2020 budget lays the foundation for building “the Air Force We Need,” additional topline funding is required in future budgets to grow to 386 operational squadrons.

And central to meeting Air Force goals, Wilson and Goldfein said, is the necessity of predictable, consistent funding.

“No enemy in the field has done as much to harm the readiness of the Air Force than the combined impact of artificial spending restrictions, worsened by operating for 10 of the last 11 years under continuing resolutions of varied and unpredictable duration,” the joint statement says.



Secretary of the Air Force Heather Wilson and Air Force Chief of Staff Gen. David L. Goldfein told the House Armed Services Committee April 2 that the Air Force must get bigger and funding must be predictable to meet – and defeat – security threats at home, globally and in space in an era of great power competition.



EAAS builds partnership capacity during Algerian Air Force visit

By Tech. Sgt. Jessica Condit
189th Airlift Wing Public Affairs

The 189th Airlift Wing is home to the Enlisted Academic Aircrew School at Little Rock Air Force Base. Throughout the years, more than 300 international students have walked through its doors. While we would frequently see Airmen going in and out of the schoolhouse, one of the things the center prides itself for is the ability to instruct and teach partner nations.

On April 11th, 2019, two Algerian pilots and one special forces rigger visited with the schoolhouse to gain better understanding of the processes in place to train and certify the students they send. Touring the wing, they were able to observe the process of loading pallets onto the back of a C-130H from a K-loader, view a cargo air drop and several other things that proved beneficial to share with our partner nation.

“The focus of the engagement was to share best practices for the tactical employment of the C-130H,” said Senior Master Sgt. Michael Jackson, the 189th Operations Support Squadron Academic School Superintendent. “The event afforded Algeria an opportunity to refine its practices related to CDS and LCLA air drops as well as related rigging requirements.”

The importance of sharing these best practices and maintaining a strong partnership with our partner nations is paramount. Without strengthening the partnerships we have, our reach wavers.

“The second line of effort of the National Defense Strategy is strengthening alliances and attracting new



Algerian Air Force pilots Lt. Col. Abdulkader and Lt. Col. Nassim along with Special Forces rigger Maj. Mohamed observe how cargo is secured on the back of a C-130H during a visit to the Enlisted Aircrew Academic School April 11, 2019, at Little Rock Air Force Base, Ark. the visit from the Algerian Air Force leadership was in part of the international training program the EAAS conducts. (U.S. Air National Guard photo by Tech. Sgt. Jessica Condit)



partners,” said Jackson. “This was the opportunity for our wing to do just that. We wanted to highlight our training facilities and capabilities to a partner nation that possesses the same airframe we specialize in during training.”

During the tour, Jackson, along with several other key schoolhouse instructors, took them to the different training sections. They were able to observe the basic loadmaster and flight engineer courses as well as the new multi-mission crew trainer. The schoolhouse transitioned perfectly into the aerial port where they observed rigging procedures for the container delivery system and the low-cost, low-altitude bundles. This is the second visit accomplished in the past three years.

During both visits, the two teams gained insight into the others’ best practices and techniques.

“We have been challenged by wing leadership to grow the international program at the EAAS,” Jackson said. “This was just another opportunity for us to market our capabilities. I expect significant improvements in the international program over the coming year, so this was a great opportunity for us to further that objective.”

Jackson also explained that at the local level, their job is to train C-130H aviators, which includes international students. He expressed that demonstrating their capabilities, experience and



Above: Airmen from the 189th Aerialport flight demonstrate cargo loading capabilities during the Algerian Air Force visit April 11, 2019, at Little Rock Air Force Base, Ark. The visitors were taken on a tour to observe the wing’s capabilities including the drop zone to observe a cargo offload. **Right:** Maj. Mohamed, an Algerian Air Force Special Forces rigger, observes a secured pallet during a demonstration April 11, 2019, at Little Rock Air Force Base, Ark. The Algerian Air Force visit was used as an opportunity to showcase and market the Enlisted Aircrew Academic School as well as build a stronger alliance with a partner nation. (U.S. Air National Guard photos by Tech. Sgt. Jessica Condit)





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10 MAY // 6 - 9 PM

REGISTER BY 8 MAY // MEMBERS: \$5 // NON-MEMBERS: \$10
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FOOD, DRINKS & VIDEO GAMES WILL ALSO BE PROVIDED.

**Open to all skill levels ages 9-18. Minimum of 8 participants must register.*
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(SHOES INCLUDED)

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18 MAY
5 - 9 PM

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6 WKS - 5 YRS: CARE @ CDC BLDG 1990
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Warrior of the Month: *Staff Sgt. Joshua Samons*



Rank/Name: SSgt Joshua Samons

Unit: 189th Logistics Readiness Squadron

Guard Status: Technician

Position: Ground Transportation Craftsman

Hometown: Cabot, AR

Time on Station: Six years

Time in Service: Five years

Goals: Continue to progress up the rank chain and one day maybe start a business

or work for myself

Hobbies: Working out, working on the house and cars, socially enjoying different brews and bites with friends, and daydreaming of having cool hobbies.

Core Value Portrayed: Service Before Self. SSgt Samons always ensure aircrew have a ride and that priority aircraft parts are delivered even if it cuts into lunch or time off. He always is on call for his Airmen and always has his wingman's back.



189th AW Day at the Little Rock ZOO

Open to all 189AW in support of our families
with deployed members

**ONLY
\$6
Per Person**

**Saturday,
11 May 2019
Gates open 9AM-5PM**

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Airman & Family Readiness
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See You There!



PROMOTIONS



To Brig. General
Brig. Gen. James Rowlett, JFHQ



To Colonel
Col. Paul Jara, JFHQ



To Master Sergeant
MSgt Ebone Sturgis, 189th FSS
MSgt Cody Mast, 189th AMXS



To Staff Sergeant
SSgt Allyah Collier, 189th LRS



To Senior Airman
SrA Ashley Long, 189th CMF
SrA Zachary Bell, 189th LRS

Congratulations promotees and PME graduates on reaching the next level in the Air National Guard. Your dedication and service to the Arkansas Air National Guard did not go unnoticed! Keep up the good work!