

# THE SECTOR

Vol 29 Issue 3

Eastern Air Defense Sector

March 2023



## In This Issue

Annual award winners

Two Airmen are BMT honor grads

Canadian Mixed Dining In on April 1

# Improving readiness, technology and end-strength

Team,

Spring is right around the corner (I hope!) and with that comes warmer weather and some more daylight. I'd like to take a few minutes to touch on the topics of readiness, end strength and technology/infrastructure improvements. These are areas that we all need to continue to focus on to keep us as mission effective as possible.

Our Rome location conducted Copper City Warrior (CCW) 23-1 in January, and it was an outstanding opportunity to practice many readiness skills to include our installation defense options, self-aid and buddy care, and cyber protection capabilities. Looking forward we will be hosting the ACC IG Team 17-19 April for a Readiness Exercise Validation (REV). This will be an opportunity for the ACC IG to see how well we can develop, run, and self-inspect a unit-wide exercise. Be on the look-out for additional updates from our IG team.

We continue to see significant changes and upgrades to the technology and infrastructure that we use for mission success. We have completed the upgrade of our Battle Control System-Fixed (BCS-F) to the latest version, 3.2.5.2. We also completed the repairs to our vehicle barrier. Thanks to the contracting, finance and CE teams for enabling the repair to this critical piece of our installation security measures. At the same time, and for the foreseeable future, planning is occurring on the "agile operations center" upgrade that will happen to a significant portion of the operations building in late 2023. The planning for this will impact most work-centers in the coming months. For our teammates at Detachment 1, the construction on Phase II of the JADOC is in full swing with plenty of noise, dirt and disruptions.

Finally, end strength continues to be a topic that we focus on. A modest, but important update recently came from our New York National Guard Human Resources office and provides greater flexibility for advertising Title 5 positions. We now have the option of advertising positions state-wide while enabling AGR NYANG and former AGR NYANG members to apply. Previously, the only way for AGR NYANG members to be eligible was for us to advertise nationwide. Filling our open Title 5 positions is crucial. In the end, open positions makes all of us work harder and reducing the number of vacancies will increase our abilities to train, conduct professional development, and innovate.

Thanks for all you each do to keep out mission a success. Stay safe, stay connected and stay steadfast in you dedication to EADS!

Rooster



Col. Joseph Roos

**On the cover:** The 224th ADG held its annual awards ceremony on March 3 at Griffiss Institute. Award recipients are pictured with 224th ADG Commander Col. Joseph Roos. From left to right, top to bottom, award recipients were: Airman 1st Class David Blovat, Airman of the Year; Tech. Sgt. Jarrod Becker, NCO of the Year; 1st Lt. Daniel Steere, Company Grade Officer of the Year; Mr. Dan Foley, Category II Civilian of the Year; Master Sgt. Jimmy Morgan, Senior NCO of the Year and Mr. Jon Jock, Category I Civilian of the Year. Not pictured is Lt. Col. Peter Onan, the Field Grade Officer of the Year, who was unable to attend the ceremony. *Photos by Capt. Tanasha Walker, 224th ADG Public Affairs.*



## Larsen graduates first of 624 at BMT

by Senior Master Sgt. Evan Thorn, 224th ADS

Airman 1<sup>st</sup> Class Kyle Larsen graduated on Jan. 11 from Air Force Basic Military Training at Joint Base San Antonio-Lackland, Texas first in his class of 624 Airmen. Airman 1st Class Larsen is now at the 224<sup>th</sup> ADS, training to be a command-and-control battle management operator (C2BMO). Please congratulate Airman Larsen when you see him!



Airman 1st Class Kyle Larsen

## Thorn is honor graduate at BMT



Airman 1st Class Troy Thorn

On Feb. 23, Airman 1<sup>st</sup> Class Troy Thorn graduated in the top 10 percent of the 673 Airmen in his BMT class. Airman 1<sup>st</sup> Class Thorn is now at Security Forces training and is expected to arrive at the 224<sup>th</sup> SPTS in June.

Both Larsen and Thorn are Camden High School graduates.

*U.S. Air Force photos.*

# DOM participating in ACC's requirements process

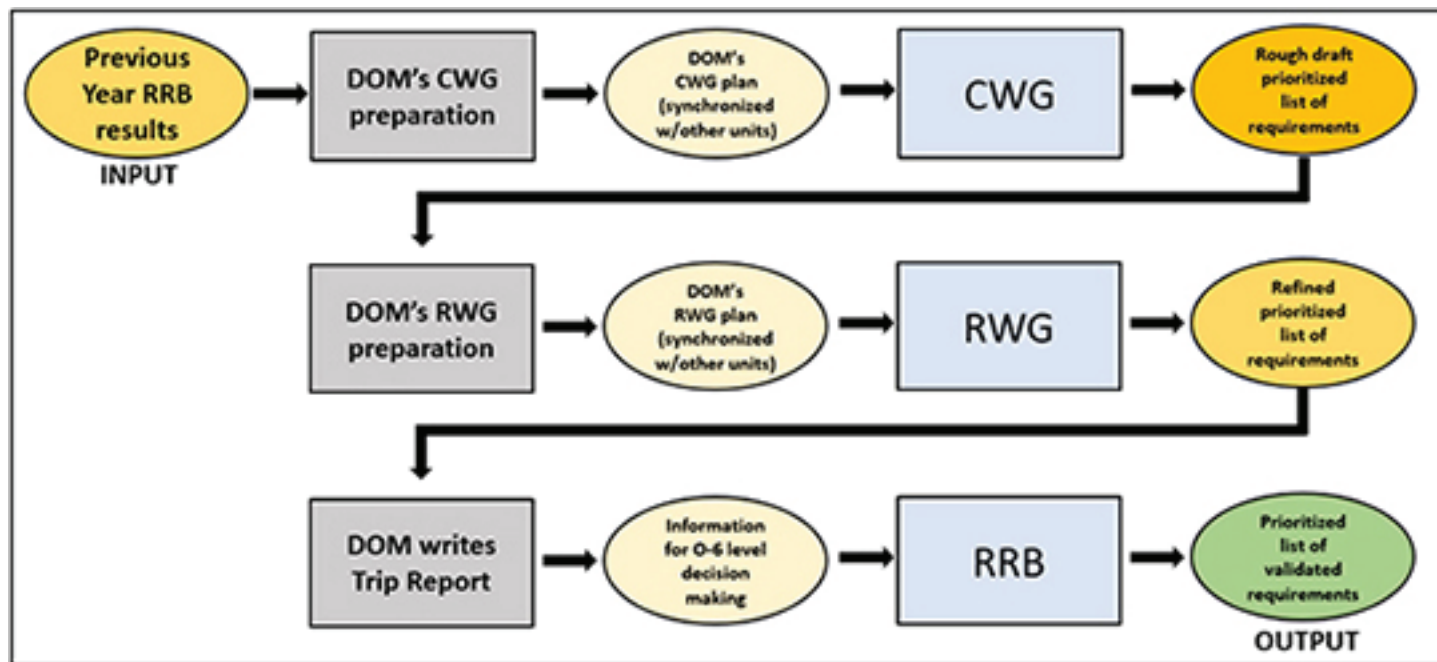
by Dr. Brian Tuttle, Chief of Capabilities and Requirements (DOM), 224th ADS

DOM is in the middle of what is typically the busiest time of its annual cycle. Each year, they represent the 224<sup>th</sup> Air Defense Squadron (224 ADS)—and sometimes the 224<sup>th</sup> Support Squadron (224 SPTS)—in Air Combat Command's (ACC) requirements process.

The objective of the requirements process is to generate a list of validated and prioritized requirements. A **requirement** is “the need or demand for personnel, equipment, facilities, other resources, or services, by specified quantities for specific periods of time or at a specified time” ([https://www.dau.edu/glossary/Pages/Glossary.aspx#!both\[R|28365\]](https://www.dau.edu/glossary/Pages/Glossary.aspx#!both[R|28365])). DOM is involved in two of ACC's requirements processes: one for the Battle Control System-Fixed/Cloud-based Command and Control (BCS-F/CBC2) program, and one for the National Capital Region Integrated Air Defense System (NCR-IADS) program.

Each program's process involves three meetings which require preparation. DOM actively participates in the first two meetings along with participants from several other agencies such as other Air Defense Groups (ADG), NORAD, First Air Force (1 AF), the Program Management Office (PMO), test squadrons, among others. DOM attends and monitors the final meeting.

The process flows as shown below:



The first meeting in the series is the Capabilities Working Group (CWG). A **capability** is “the ability to complete a task or execute a course of action under specified conditions and level of performance” ([https://www.dau.edu/glossary/Pages/Glossary.aspx#!both\[C|26982\]](https://www.dau.edu/glossary/Pages/Glossary.aspx#!both[C|26982])). For example, the BCC has a degree of capability to operate effectively within a degraded environment or to counter hypersonic cruise missiles, and those levels of capability enable the NORAD enterprise to execute its homeland defense mission in such conditions.

To prepare for a CWG, DOM interviews 224<sup>th</sup> Air Defense Group (ADG) personnel for potential unaccounted for capability gaps and seeks guidance from unit leadership regarding how to prioritize. DOM currently uses the following guidance:

- **BCS-F Program**—From 224 ADG commander Col. Joe Roos: “Focus on things that automate and speed up the decision-making process.”

*continued on next page*



## ...DOM & ACC requirements process*(continued from previous page)*

- NCR-IADS Program—From 224 ADG/Det. 1 Commander Lt. Col. Josh Jessup, prioritize requirements in this order: (1) Enhanced Regional Situational Awareness (ERSA) camera replacement, (2) those that support cruise-missile defense (CMD), (3) those that support Integrated Fire Control (IFC), and (4) all others.

Such commander's intent increases the chance that DOM will be able to express the unit's needs to other agencies and influence decision making.

With this information, DOM coordinates with other tactical-level stakeholders — other Air Defense Groups and the Joint Air Defense Operations Center (JADOC). We seek to understand each unit's concerns and priorities so that we can synchronize at the CWG. We also ensure that 1 AF/A8C (our operational-level warfighter advocates) are aware of our thoughts so that they can help us. After all this preparation, DOM is ready for the CWG.

During the CWG, action officers from various organizations meet to identify begin to vet capability gaps: These agents include representatives from Air Defense Groups (ADG), NORAD, First Air Force (1AF), the Program Management Office (PMO), test squadrons, and sometimes others. They review the list of already validated requirements, add any newly identified (but not-yet-validated) requirements to that list and reprioritize it as needed. The outputs of the CWG—a rough draft of new prioritized list or requirements, plus action items to push them forward—become inputs to the Requirements Working Group (RWG).

**During the Requirements Working Group (RWG)**, those same action officers meet again to further vet refine the CWG's list and ensure various documents are in order—Air Force 1067s with, if needed, amplifying information such as concept of operations/employment (CONP/CONEMP) or system diagrams. If needed, it is possible to add new requirements to the list generated by the CWG. The RWG action officers are typically joined by others who have important information to share with the group about funding and other topics. The output of this meeting are the working group's recommendations to O6-level decision makers. DOM provides unit-leadership trip reports from both the CWG and RWG to help them prepare.

**The culmination of the process is the Requirements Review Board (RRB)**, an O-6 level panel chaired by ACC. At this meeting, the panel reviews the RWG results for approval, modification, or rejection. (DOM attends and monitors this meeting for awareness.) The result is a prioritized list of validated requirements for which ACC will seek funds, then turn it over to the PMO to develop, test and field solutions at the Battle Control Centers.

ACC's requirements process for BCS-F/CBC2 and NCR-IADS programs occupy a good chunk of DOM's time. If you have ever sat on the ops floor and wondered, "what if we had something that did X," please talk to DOM. Our job is to transform mission needs into mission systems.



# An RCAF tradition nearly 100 years in the making

by Capt. Jonah A. Dyke, Royal Canadian Air Force

The Eastern Air Defense Sector's Canadian Detachment will host their annual all-ranks Mixed Dining In celebrating the Royal Canadian Air Force's 99<sup>th</sup> birthday on April 1 at the Hart's Hill Inn in Whitesboro.

The RCAF was officially founded on April 1, 1924 and RCAF units and formations gather every year on that date to celebrate. The RCAF's rich history begins before the "Royal" designation was bestowed upon it following the First World War, during which Canadian pilots distinguished themselves as fighter aces. The Second World War saw the RCAF grow to become the fourth largest air force in the world and an integral part of the war effort, providing an important hub for training and manufacturing as well as sending many pilots overseas on active missions. The RCAF continued to distinguish itself during the Cold War years that followed as a leading member of the newly formed North Atlantic Treaty Organization and one-half of the North American Aerospace Defense Command. Today, our proud partnership continues through our commitments to safeguarding global security as a NATO member and to NORAD as a defender of North America.

Built on our proud years of service and tradition, the Mixed Dining In represents the coming together of unit members and invited guests, both military and civilian. It serves as an occasion for friends and professionals who serve together to join in celebration of their common history, as friends, partners and allies.

Owing to its long history, the Mixed Dining In is a formal dinner with many customs and traditions. Festivities include a cocktail service followed by a seated dinner and the customary serving of port, recitation of Loyal Toasts to Heads of State and playing of Canadian and American service branch marches. This year's dinner will feature live music provided by the Central Band of the Royal Canadian Air Force.

To celebrate the special partnership that exists here at EADS between Canadian and American aviators, we are proud to host Col. Paul M. Bishop, EADS Commander, as this year's guest speaker. Col. Bishop's impressive resume of accomplishments during his time at EADS includes being a member of the team tasked to stand up the Northeastern Air Defense Sector and the subsequent EADS, as well as accruing over 31,000 hours as an air defense crew member.

For those interested in attending, a copy of this year's event poster is on the following page and can be seen on the EADS closed-circuit TV. We hope to see you there!







# Canadian Detachment

## Mixed Dining In

**Saturday, 1 April 2023**  
**Hart's Hill Inn**

🍁 **Cocktails 1800h**  
🍁 **Guest Speaker**  
**Col Paul Bishop**

Tickets: \$45 Civ/E6 & below  
 \$60 Officer/E7 & above  
 Check or Cash / RSVP 17 Mar 23

Payment

A Flt – Capt Wesley Kopp  
[wesley.kopp@us.af.mil](mailto:wesley.kopp@us.af.mil)  
 HQ – MCpl Chris Smith  
[chris.smith3@forces.gc.ca](mailto:chris.smith3@forces.gc.ca)

Each year the Canadian Detachment Rome holds a Mixed Mess Dinner (dining out) commemorating the formation of the Royal Canadian Air Force on 1 April 1924. This year's celebration will be held on 1 April 2023 at the Hart's Hill Inn, Whitesboro, NY.

The evening commences with cocktails at 1800hrs with VIPs arriving at 1900hrs. Live music provided by the Central Band of the Canadian Armed Forces during the meal.



Your dinner entrée choices are:

- 1 – Top Sirloin
- 2 – Chicken Cordon Bleu
- 3 – Fresh Broiled Haddock
- 4 – Pasta Primavera

**\$45 Civ/E6 & below**  
**\$60 Officer/E7 & above**  
 Make Checks payable to:  
**"Canadian Combined Mess"**

Menu starts with a soup,  
 Traditional Salad & roll, your  
 choice of Entrée, and  
 finishes with dessert.  
 Tea/Coffee, Wine and Port  
 will be served.

Military Dress is formal Mess Dress  
 Civilian Dress is formal attire

Point of Contact:  
 A Flt: Capt Kopp HQ: MCpl Smith



EADS Commander Col. Paul Bishop presented the 224th ADG quarterly awards during the March 2 Commander's Call, held in the Building 703 auditorium. Col. Bishop is on the left in each of the following photos. *Photos by Michelle Leonard, 224th SPTS.*



**Senior Airman Tyler Kulesa**  
**Airman of the Quarter**



**Senior Airman Rasheed Brooks**  
**DSG Airman of the Quarter**



**Staff Sgt. Hannah Streeter**  
**NCO of the Quarter**



**Master Sgt. James Bohrer**  
**Senior NCO of the Quarter**



**...Quarterly awards** *(continued from previous page)*

**Capt. Philip Gentile**  
Company Grade Officer of the Quarter



**Maj. Carter Matherly**  
Field Grade Officer of the Quarter



**Mr. Matthew Musumeci**  
Category II Civilian of the Quarter

*\*Staff Sgt. Musumeci is a civilian IT specialist with the SPTS and was attending the Commander's Call as part of the unit's RSD.*





## Erickson is Det 1's newest senior NCO



On Feb. 24, Brandon Erickson was promoted to master sergeant during a ceremony at the 224th Air Defense Group Detachment 1. He was joined by his wife, Elizabeth, and his three daughters.

Picture above from left to right are Master Sgt. Bobby Holness, Master Sgt. Erickson's supervisor; Lt. Col. Joshua Jessup, Det 1 Commander; Master Sgt. Erickson and Cyber Defense Operations Superintendent, Senior Master Sgt. Angel Aponte.

*Photo and article by Master Sgt. Ashley Freeman, 224th ADG Detachment 1.*



## Dental readiness is more than a nice smile

by **Rebecca Philipson, 224th ADG Medical Administrator**

A friendly reminder that dental is due annually. Tricare, however, covers biannual visits so it is best practice to see your civilian dentist every six months! Once seen, please have the office complete the form DD2813 and send to the medical office to have it reflect on your IMR.

Military dental examinations are due every five years. Although we try to get the dental team out here at EAD's quarterly, travel to the 174<sup>th</sup> may be necessary to fulfill this requirement. Please keep in mind exams by military personnel are exams only. Cleanings and other procedures should be done with your typical provider.

If you need assistance finding a provider, please visit medical!

### Dental Readiness Standards

#### Class 1

- Airman has had a complete dental exam within the past year
- Airman does not require any dental care

#### Class 2

- Airman requires some type of dental care or re-check
- Simple filling
- Dental cleaning
- Simple wisdom tooth extraction

#### Class 3

- Airman requires dental care as soon as possible
- A dental emergency is likely to occur if the condition is not corrected
- Badly decayed teeth, severe gum disease
- Painful or diseased wisdom tooth, root canal

***Airman is not deployable!***

#### Class 4

- Airman requires a complete dental exam
- Disease status is unknown

***Airman is not deployable!***

# No harm, no foul, no report?

by Colt Brumm, 224th ADG Occupational Safety and Health Manager

Is it better to be lucky or good? In sports, military strategy, and medicine, most tend to support the latter. Sure, sometimes the ball may not bounce your way, but usually this Douglas MacArthur quote rings true: “The best luck of all is the luck you make for yourself.” However, in mishap reporting many seem to lean more towards the idea that “all’s well that ends well,” even if it was pure dumb luck that made it end well.

With some frequency, I get asked about the lower boundary for mishap reporting. Basically, how badly does a person need to be hurt before they have to tell me about it? The AFI is rather vague on this note, with the requirement for Airmen to “promptly report personal injury...to their supervisor.” This applies on-duty for civilians and at all times for military personnel (DSGs are complicated, but that’s a discussion for another day). So the standard is: injury. Not a very helpful guide.

I’d like to propose a new standard: If something reasonably *could have been* bad, report it. Even if the actual consequences were minor, report it.

If you slip and fall on some ice on the sidewalk, but only get bumps and bruises instead of a broken leg, should the ice still be taken care of? Of course, because the next person might not be so lucky. Report it so something can be done about it.

If you get thrown from your ATV and almost hit a tree, should you conclude that you don’t need to change anything about how you ride since you weren’t seriously injured? No, you should thank your luck and then figure out how to avoid going unintentionally airborne. Report it so others can learn the easy way what you almost learned the hard way.

Got pricked by a thorn while picking raspberries? Unless you have some sort of blood clotting disorder, there probably isn’t a scenario where it could have been all that bad. Your call on reporting.

Got hurt but didn’t end up missing any work time because you happened to be on leave at the time? It still impacts the unit’s readiness, so definitely report.

And if you don’t feel like bothering with making these kinds of determinations, then just report it! Even if your information doesn’t meet the formal reporting criteria, it might still help to keep one of your fellow Airmen safe.





## Early spring or late winter? Keep your snow tires on for a few more weeks

by Senior Airman Robert Kraeger, 224th SPTS

It's March. Winter feels like it is coming to an end and spring is growing near. Living in upstate New York, however, this is not always the case.

Historically, we've had plenty of snowstorms in March, April, and sometimes May. It's imperative you continue to take precautions. It's recommended that members leave their snow tires on until weather patterns change to reflect above freezing (32F) days AND nights. As temperatures warm, be vigilant for wildlife on/near roads as they start their spring routines.

The following list will keep you safe should you find yourself in an emergency.

Keep a first aid kit in your car.

- Make sure to always have a light source in your car. Cell phones will work in a pinch, but it's recommended you have a flashlight/headlamp with spare batteries.
- Keep spare blankets in your car in the event your vehicle breaks down.
- Keep jumper cables in your car.
- A candle can make a great heat source in a confined space.
- Have packaged food and water.

## Becker wins Pitsenbarger Award



Tech. Sgt Jarrod Becker, right, was recognized for receiving a Pitsenbarger Award from the Air Force Sergeants Association during March's RSD Commander's Call. The awards are presented annually to an Air Force enlisted member who has performed a heroic act, on or off duty, which resulted in the saving of a life or prevention of serious injury. Photo by Michelle Leonard, 224th ADG. Info from <https://www.afa.org/education-support/pitsenbargers>.

# CCC helped build national and state park systems

by Staff Sgt. Andrew McNamara, C2 Mission Systems, 224th Support Squadron

In 1933, the United States was in a terrible condition as the Great Depression raged.

With the 1929 Wall Street Crash, mass unemployment, hunger, and homelessness now stalked the American people.

President Franklin D. Roosevelt, who would go on to lead America during most of WWII, enacted a series of federal relief laws and reforms to stimulate the economy, and provide much needed jobs. These were part of the New Deal programs and would continue until America's entry into WWII.

One of these programs was the establishment of the Civilian Conservation Corps (CCC). Established in 1933, this would become one of the iconic New Deal programs and come to symbolize the American desire to pull itself out of the Depression and the devastating Dust Bowl.

Some of the first items undertaken were better forestry practices and soil reclamation. Unregulated logging had often brought devastating consequences (see January's article on the Peshtigo Fire), and poor land management had contributed to the stripping away of soil and trees. Planting of more trees was originally the main focus, but different tasks were taken on as more workers were added to the program.

CCC camps were run like a military camp, with a rigorous routine and a command structure. They would clothe, feed, and shelter their employees, providing stability. Employees had to be physically fit to fulfill the often demanding labor required of them, such as felling trees, building roads or trails through mountain passes, and fighting forest fires.

During the period the CCC existed, it built facilities, shelters, and visitors' centers and access roads and trails for 94 National Parks and almost 900 state and local parks. Two new national parks, Great Smoky Mountains in Tennessee, and Big Bend in Texas, would be built and over 200 state parks established.

With the entry of the United States into WWII and the vast industrial output to the war effort creating over 17 million new jobs, the CCC was eventually disbanded in 1942, although some of their camp structures would be used to house POWs during the war.

The legacy of this federal relief program and the efforts of folks that worked in it can be seen in the many trees planted, public works projects like flood barriers, and the beautiful national, state, and local parks they constructed that we enjoy today.

## References and Helpful Links:

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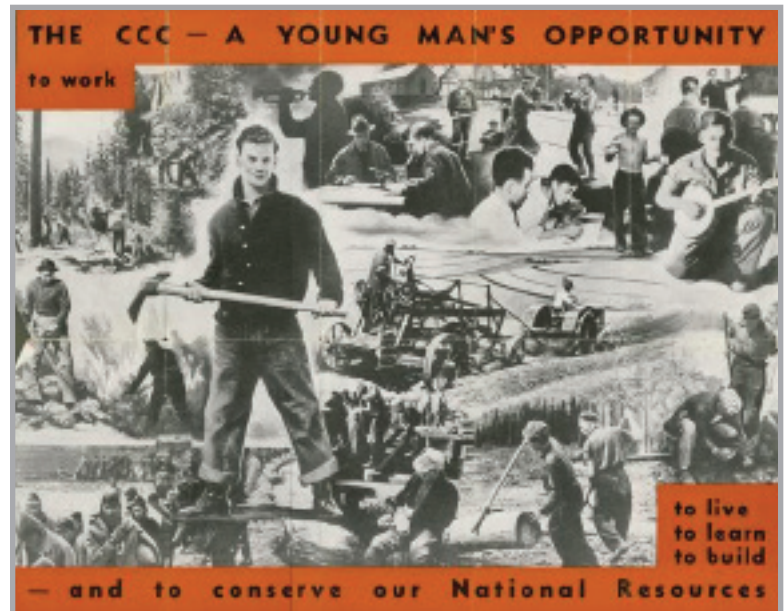


Image from <https://www.wisconsinhistory.org/Records/Image/IM5762>

# Cyrus Cylinder: The first charter of human rights

by Staff Sgt. Andrew McNamara, C2 Mission Systems, 224th Support Squadron

For the March article, I decided to take a journey to ancient times and enlighten you with the fascinating story of the Cyrus Cylinder, the world's first human rights charter.

In 539 B.C., Cyrus I, also known as Cyrus the Great, conquered the Babylonian empire and established the Achaemenid (First Persian) Empire, with its capital at Pasgardae in what is now modern-day Iran. One of Cyrus's first acts as the new king was to commission the Cyrus Cylinder.

Written in the ancient Akkadian script used by most of Mesopotamia, the cylinder outlined the promise of freedom to displaced minorities, religious tolerance and the abolition of slavery. Uncovered in 1879, the Cyrus Cylinder is one of the most famous surviving objects from ancient times.

To understand the significance of the Cyrus Cylinder, it is important to have some background on how the Achaemenid Empire was administered.

Unlike most empires of the time, which ruled with shocking cruelty, the Achaemenid Persians were lenient. The Persians allowed subject peoples to retain their culture, traditions and believed that this humane treatment ultimately benefitted the empire. This benevolent, tolerant attitude was noted throughout the period with the Roman historian Herodotus observing that "the Persians adopt more foreign customs than anyone else."

Rather than use barbaric practices for maintaining order, the Achaemenid Persians established a system that maintained human rights and limited corruption.

For each province (satrapy) a provincial governor, called a satrap, and a general were assigned. A satrap was entrusted with the financial and civil responsibilities, but had no military power. A general was in charge of all military affairs, but had no access to the treasury, eliminating the ability to fund a personal army for a rebellion.

The satraps and generals were subject to review at any given time by a small group of administrative overseers who reported directly to the king. These overseers, referred to in ancient texts simply as "trusted men," would travel to the satrapies to observe, gather intelligence, and ensure that the provincial government was loyal to the king and treating the people fairly.

These methods of accountability all helped enforce the incredible tolerance of the Achaemenids.

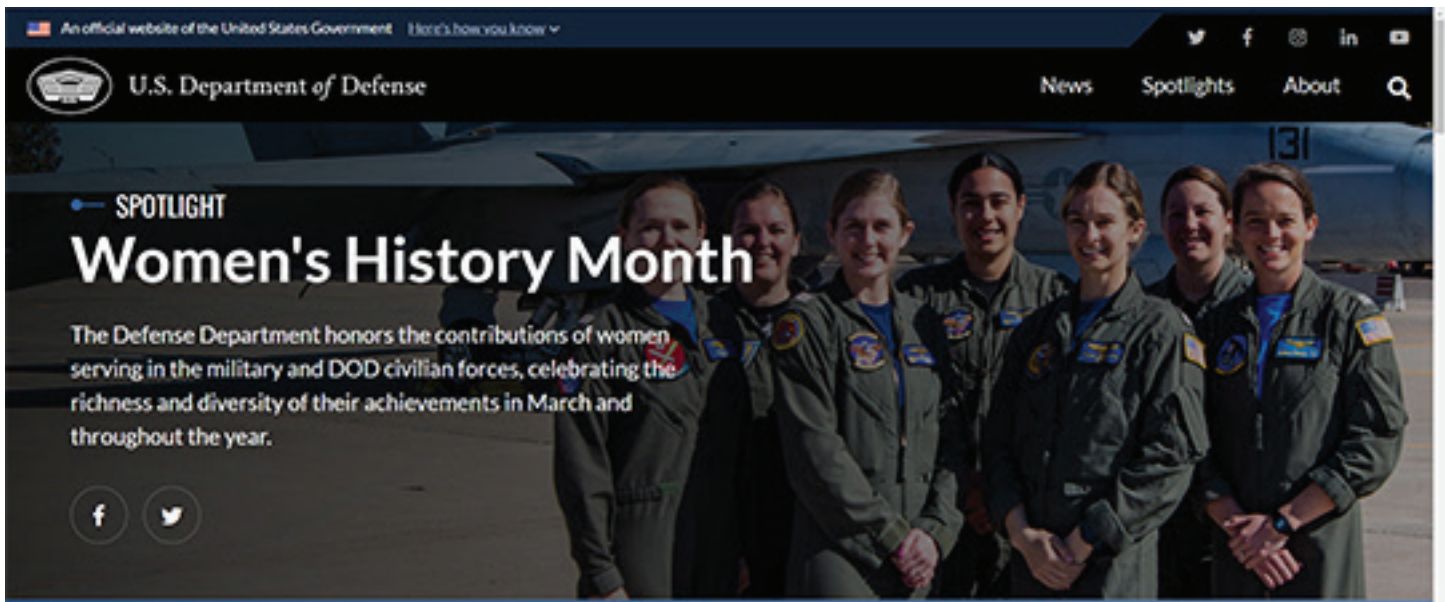
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*The world's first human rights charter was inscribed on the Cyrus Cylinder in 539 B.C. Image from <https://www.worldhistory.org/article/166/the-cyrus-cylinder/>*





*For more information on Women's History Month,  
go to <https://www.defense.gov/Spotlights/womens-history-month/>*



## THE SECTOR

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