New Vice Director joins AEDC team

Jason Coker was impressed with how Arnold Engineering Development Complex long before recently accepting a leadership post within the organization. “What Arnold does and its capabilities are really second to none,” he said. “It is an extremely critical mission, and I am excited to be a part of it.”

In early December, Director, Arnold Engineering Development Complex Col. Jeffrey Geraghty announced Coker as the new AEDC Vice Director. Coker began serving in this capacity on Dec. 9 at his office at Arnold Air Force Base, Tenn., the headquarters of AEDC.

“With Arnold around the environment here, the professionalism, as well as the worth,” he said. “From day one, I felt like I was already a team member here. Everyone truly rolled out the red carpet to welcome Coker.”

A native of Alabama, Coker graduated from the University of South Alabama in 1999 after spending a decade in the Department of Defense, including previously serving as the 782nd Test Squadron Director, Eglin Air Force Base, Fla., where he was responsible for Eglin’s ground test facilities, providing hardware-in-the-loop, electromagnetic warfare, climatic and sensor testing for weapon, avionics and control systems and components programs.

In his new role, Coker is also responsible for overseeing and providing coordination for Space and Missile Defense activities to the Chairman of the Joint Chiefs of Staff. During his tenure on the Joint Staff, Coker provided oversight for the standby of the new United States Space Command and the coordination and implementation of the 2019 Missile Defense Review.

Voodoo 1 aircrew receives AFAC Chief of Safety’s Aircrrow of Distinction Award 2019

By Lt. Col. Charles McNiel, flight test engineer, 746th Test Squadron; and AEDC Public Affairs

Christopher Fan- ning, contracting officer for the Test Range and Specialized Contract- ing Division at Arnold Air Force Base, received the 2019 AEDC Range and Sustainment Contract Award for Outstanding Civilian in Enterprise. Supersede the year.

Col. Jeffrey Geraghty, Arnold Engineering Development Complex commander at Arnold Air Force Base, announced in December the AEDC team members receiving annual awards at the Arnold Air Force Test Center and Air Force Materiel Command.

Contracting officer at Arnold AFB receives 2019 AFTC Annual Award

By Deidre Moon

Christopher Fanning, an aviation safety specialist for the 746th Test Squadron, received the 2019 AFTC Annual Award for Outstanding Civilian in Enterprise. Supersede the year.

In this Issue...

704th Test Group successfully executed the second Directed Energy Experiment

AEDC Team’s efficient actions support Hypersonic Conventional Strike Weapon testing

Innovative Agilis Auxilium—Innovative Agilie Support

VOODOO 1 aircrew receives AFAC Chief of Safety’s Aircrrow of Distinction Award 2019

By Lt. Col. Charles McNiel and Dwight Hay

Commander, 746th Test Squadron and AEDC Public Affairs

HOLLOMAN AIR FORCE BASE, N.M. - An unexpected fire in an enclosed space occurred once a fire inside an airplane four miles in the air with no way out can end in deadly. One group of Airman at Holloman Air Force Base recently encountered this exact scenario, worked to the team to live to tell the story. Based on their actions, the 704th Test Group’s VOODOO 1 aircrew was awarded the Air Force Materiel Command Chief of Safety’s Aircrrow of Distinction Award for 2019 for their actions during a night flight test mission over White Sands Missile Range, N.M. May 20-21, 2019. This annual award was presented by AFAC to the aircrew that showed extraordinary skill, selflessness, ingenuity in preventing or minimizing the consequences of an aviation mishap during flight or stunt for flight.

The four aircrew mem- bers of VOODOO 1 were: Maj. Simon Kassemi, aircraft commander, 746th Test Squadron; Capt. Charles Cunningham, test pilot, 746th Test Group; Lt. Col. Charles Mc尼尔, flight test engineer, 746th Test Squadron; and Lt. Richard Holloway, flight test engineer, 746th Test Squadron.

Mr. Brian Bowar, instrumenta- tion engineer, 746th Test Squadron

Two and a half hours into the flight in a modi- fied Breitbach, a 55.5 foot- long rocket test aircraft at approximately 5,000 feet, the power distribution unit for onboard test systems in the cabin spontaneously caught fire. The fire immediately engulfed the PDU to the rear of the aircraft and smoke began to fill the cabin.

In an aircraft cabin fire,
The successful execution of the Air Force’s second Directed Energy (DE) Test at Arnold Air Force Base in 2020 in support for the National Defense Strategy (NDS) is critical to the Department of Defense’s (DoD) ability to achieve the National Defense Strategy’s (NDS) goals. The Department of Defense and the U.S. Army’s annual Maneuver and Fires Integrated Experiment, or MFIX, October 2019, at Fort Sill, Oklahoma, using high energy laser and high power microwave technologies, the DE weapons defeated a variety of unmanned aerial systems as part of airbase air defense experiments. (U.S. Army photo by MFIX team)

## 704th Test Group successfully executed the second Directed Energy Experiment

By John Cao

The 704th Test Group successfully executed the second Directed Energy Experiment (DEX) at Kirtland Air Force Base on January 6, 2020. The experiment was in support of the National Defense Strategy’s (NDS) goal to achieve a more mobile, lethal, and survivable joint force. The experiment was executed by the Strategic, Development, Experimentation, and Prototyping (SDXP) directorate, with the goal of developing capabilities that support the NDS. The experiment was executed in support of the MFIX command and control for the National Defense Strategy’s (NDS) goal to achieve a more mobile, lethal, and survivable joint force.

### Background

The Directed Energy Command (AEDC) is tasked to execute the DE experimentation campaign. The second DE experiment, known as Experiment 1b, was a follow-on to the earlier experiment executed at White Sands Missile Range, New Mexico, in late 2018. Experiment 1b was executed in conjunction with the Air Force and Fires Integrated Experiment (MFIX), which offered operationally realistic radars, sensors, and command and control for the experiment. Five DE weapons were integrated into the MFIX command and control framework to detect, track, identify, and engage unmanned aerial vehicles at dozens of kilometers away. The objective of the experiment, Air Force Aerial who operated directed energy, or DE, weapons during the Army’s Maneuver and Fires Integrated Experiment, or MFIX, October 2019, at Fort Sill, Oklahoma. Using high energy laser and high power microwave technologies, the DE weapons defeated a variety of unmanned aerial systems as part of airbase air defense experiments. (U.S. Army photo by MFIX team)
In his role as AEDC Vice Director, Coker said he wants to be a senior leader to support and serve those working across AEDC. “I’m not here to tell people how to do their jobs or give directions out,” said, “I want to get their feedback and find ways to help them accomplish the mission more effectively.”

He added that one of his primary goals is to work to make operations across the Wing enterprise more efficient while not creating additional work for those already busy conducting the mission. “I want to handle the bureaucracy and the problems at this level so they can execute and do their mission more efficiently.”

Additionally, Fanning has been working to ensure geographically-separated units on requirement pack- aging and testing and streamline execution time-

On January 6, 2020

Dakota Aaron, right, an eSTARR hardware engineer, and Calvin Davis, an instrumentation, data and controls engineer, check the new network switch and data source computers in the Arnold Air Force Base, Tennessee, Dec. 3.

New Digital Temperature Scanners were installed in the Arnold Engineering Development Complex Engine Test Facility T-3 test cell. The network switch and data source computers are part of upgrades to the test cell, including the new digital voltage scanners at the right. (U.S. Air Force photo by Jeff Pickel)
VHICs for identification

• The identity verification process may take two weeks for processing.

• Eligible caregivers will receive an eligibility card (when otherwise eligible). 

• REAL ID-compliant driver’s license issued by a state, territory, possession, or the District of Columbia

• REAL ID-compliant driver’s license issued by a state, territory, possession, or the District of Columbia

• Enhanced driver’s license issued by state, territory, possession, or the District of Columbia

• Federal personal identification verification card (when otherwise eligible)

• VHIC

• Transportation Worker Identification Card

First visit to an installation using the VHIC

Upon the first visit to an installation, eligible veterans and caregivers must present the validated VHIC when asked for a Military Identification Card to be used in conjunction with the Transportation Worker Identification Card for entry.
to destroy mobile power-proj ecting targets, AFRL’s Conventional Strike Weapon (CSW) does precisely this; it is a hypersonic development and test program capable of launching a weapon that can penetrate long-range threats anywhere in the world.

As a medium-to-large acquisition rapid prototype initiative, the CSW was originally scheduled and is leveraging numerous successful projects and acquisition, technical, development, and test achievement. Leveraging longstanding AEDC Model Shop, local Surface and Reconnaissance (ISR) teams consisting of Ben Mills, William Cooley, AFRL Senior Scientist Perry Perry and Mark Benitez, the AEDC Model Shop, local Surface and Reconnaissance (ISR) teams supporting the AEDC Test Operations Division, the AEDC Test and Evaluation Safety Officer, and AEDC model shop teams will push hard to accelerate the testing of the CSW, to include integration, test execution and reporting of the system under test. A Hypersonic Systems Branch team consisting of Ben Mills, Sarah Adams and Anne Don-

AERIAL success follows two and a half years of Ultra Long Endurance Unmanned Air Platform development

By 56th Air Base Wing

PUBLIC AFFAIRS

WRIGHT-PAT- TERTON AIR FORCE BASE, Ohio – The Air Force Research Laboratory’s Center for Rapid Innovation (CRI) successfully completed initial flight tests for the Hypersonic Unmanned Aerial System (UAS) on February 19, 2019.

This series of flight tests began in January 2019 at Dugway Proving Ground, Utah, culmi- nating in a successful half-day continuous flight demonstration on December 9 to 11. Subsequent flight tests will demonstrate increased levels of flight endurance.

The Ultra Long Endurance Airplane Platform (Ultra LEAP) is a high-performance, cost-effective, small business commercial airframe converted to a fully automated system that launches andlanding capabilities. Ultra LEAP’s capabilities ensure secure, easy transition from pre-flight to post-flight and significantly reduce logistics requirements enabling anti-jam GPS and full global operational access via a high-speed data link that supports real-time control and high-confidence data retrieval. The Air Force Bal- listic Weapons Laboratory currently utilizes the ultra LEAP platform for a variety of applications and has demonstrated the ability to launch a wide variety of tactical and strategic munitions.

Ultra LEAP’s success is due in part to the focused leadership of AFRL’s Strategic Strike Weapons program, led by AFRL’s Associate Director for Strategic Strike, Dr. John P. Driscoll, AFRL Senior Scientist Perry Perry and the CRI Director Dr. Adam Fanning, who recognize the importance of collaborative and innovative engineering talent and leadership in the development of advanced weapon systems.

The series of flight tests began in January 2019 at Dugway Proving Ground, Utah, culminating in a successful half-day continuous flight demonstration on December 9 to 11. Subsequent flight tests will demonstrate increased levels of flight endurance. (AFRL)
Japanese Self-Defense Force Staff Sgt. Shuichiro Masunaga, 6th Tactical Fighter Squadron aircraft maintenance technician, speaks with Tech. Sgt. Adrian Lemard, 18th Aircraft Maintenance Squadron crew chief, during time on an F-15 Eagle as part of an NCO Bilateral Exchange program about the capabilities and training of military working dogs at Kadena Air Base, Japan, Nov. 19. The CALCm missile package was first operationally used in 1991 during Operation Secret Squirrel. (U.S. Air Force photo by Senior Airman Rhiett Isbell)

By Senior Airman Rhiett Isbell

KADENA AIR BASE, Japan (AFNS) – Airmen from the 2nd Munitions Squadron transport the final Conventional Air-Launched Cruise Missile to be demilitarized at Barksdale Air Force Base, La., Nov. 20. The CALCm missile package was first operationally used in 1991 during Operation Secret Squirrel. (U.S. Air Force photo by Airman 1st Class Jacob B. Wrightsman)

Final CALCm missile package retired

By Airman 1st Class Jacob B. Wrightsman

BARKSDALE AIR FORCE BASE, La. (AFNS) – It’s incredible to see the tail end of a weapon system come full circle, Tech. Sgt. Carlos Solorza, 2nd Munitions Squadron weapons system buyer, said, during the final upload of the CALCm missile system. “I don’t think I’ll ever be a part of another weapon retirement, and the fact that I’m here right now is pretty special.”

The CALCm missile system is a small, winged missile powered by a turbofan jet engine, able to fly to complicated routes through terrain with the guidance of GPS-aided inertial navigation system. “I’ve loaded this weapon system well over 300 times,” said retired Chief Master Sgt. Paul LaFlame, former weapons supervisor at Barksdale AFB. “This has been the primary weapon the F-15 used to B-52 for decades now.”

Although missile design began in the mid-1970s, the CALCm wasn’t employed in combat until January 1991, during Operation Desert Storm. The mission in which seven B-2G STS Stratofortress took off from Barksdale AFB toward Iraqi targets, launching 35 CALCm missiles.

Opening the first strikes of Operation Desert Storm, the then-new CALCm missiles devastated Saddam Hussein’s ground forces and marked the first time GPS had been used to guide a missile to a target. Former members of the mission, retired Col. Troy Morris and Warrant Officer, alongside LaFlame, were in attendance for the final upload of the last remaining CALCm missiles.

“A dream is to see these young Airmen; it makes me feel young,” Ward said. “It’s always great to interact with a junior Airmen. They’re phenomenal. It’s great to see the Air Force still moving along seamlessly, with great people who still get the job done,” LaFlame added.
People are working in a lab with various equipment. A device is being held by a person. The caption reads: "Real-Time Air Quality Sensors or RITAS, which measures contaminants such as carbon dioxide and volatile organic compounds. Since this device requires integration with the aircraft rather than simply mounting to the pilot’s harness, additional coordination must be accomplished for airworthiness approval.

The second device, courtesy of the Naval Air Warfighters, and Aircrew Performance Team, is called Holistic Aircrew Performance (HAP) – an aircrew performance assessment tool used to measure aircrew performance and assess aircrew safety.

The team was very proactive in getting the new operating procedures for using these devices through the AFRL through the Air Force Research Laboratory's Office of the Executive Secretary - our fighter pilots, said O'Brien. "They were getting these monitoring devices through the process, it was a rewarding for myself and the AFRL/711HPW team. We are very grateful for the help and support from the customer, you see really looking to us for an answer. It was energizing for the entire AFLCMC team to work on this project from concept to fruition."

The project was a success, and the team has achieved some of the goals and vision of the AFRL/711HPW. The team has been able to develop and implement technology that will help protect our warfighters and ensure mission success. The team’s work is a testament to the importance of collaboration and innovation in the field of aircrew performance monitoring.
For some, the start of a new year means the tradition of making New Year’s resolutions and making plans for self-improvement. AEDC team members were asked about their plans for 2020, and many have set goals for the year.

“I do not follow New Year’s Resolutions, but I do believe in a daily motto: ‘When you know better, do better, and always grow!’”  
– Dawnsherrae Bryant, Safety Professional

“For 2020, I want to make a better effort to spend quality time with my entire family. Life passes by so quickly. Before I know it my kids will be too old to spend time with me and it will be too late to spend time with my parents. I spend many days and nights working, attending ball practices and games, but never taking a moment to spend quality time with my loved ones. Living life without regrets.”  
– Nena Draine, Administrative Assistant

“Try to improve my health; exercise; get closer to God; be a better dad, grandfather and husband.”  
– Perry Hoge, Pipefitter

“We should always be continuing to better ourselves rather than wait on a new year to make improvements. Currently, I am working to improve both my physical and mental health by eating whole foods, reducing sugar and increasing physical activity with the goal of completing the 2020 Sunrise Century 100-mile bicycle race. I am also in coordinating longer meditation sessions, more books and less social media for the coming new year.”  
– Matt Lance, Machinist Journeyman

“My New Year’s resolution has always been simply just to learn, grow, mature and be better than the person I was a year ago.”  
– 2nd Lt. Gregory Landrum, Engine Test Project Manager

“My plans to resolve are to continue updating my important systems and be more grateful.”  
– Garrick Muncie, ID&C Engineer

“A goal I am embarking on is training to see if I can try to run a 50K ultra marathon. I’ve never run more than a half marathon prior to this adventure. I am also hoping to get in another section hike or two on the Appalachian Trail and take my husband on his first backpacking trip.”  
– Ashley Rose-Nalin, Program Manager

“My plans to resolve are to continue updating my important systems and be more grateful.”  
– Garrick Muncie, ID&C Engineer

“A goal I am embarking on is training to see if I can try to run a 50K ultra marathon. I’ve never run more than a half marathon prior to this adventure. I am also hoping to get in another section hike or two on the Appalachian Trail and take my husband on his first backpacking trip.”  
– Ashley Rose-Nalin, Program Manager

“I don’t normally set specific goals at the start of each new year but after giving it some thought, here are a few ideas I had: ‘I actually broke the screen of my phone about a month ago and am just now getting around to fixing it. As a result, I have used my phone much less than I normally would and that’s a trend I would like to continue in the new year. ‘When visiting with family recently, I realized we hadn’t taken a trip together in some time. In 2020, I will volunteer to plan a small trip or vacation that we’ve always talked about but have never actually done. ‘The last thing I thought about was how I could be more mindful about my consumption of resources. I’m challenging myself to make a conscious effort to use less energy and be more mindful of my actions.’”  
– Emily Sayles, ID&C Software Engineer, TOS

“AEDC team members setting personal goals for the new year

By Deidre Moon

AEDC Public Affairs

January 6, 2020

Join AEDC on Social Media!

Like us on Facebook at www.facebook.com/ArnoldAirforceBase

Follow us on Twitter at www.twitter.com/AEDCows

Learn about our mission at www.arl.army

The Green Scene

Please Help Us Recycle

Break down cardboard boxes and check for items left inside

Ensure only #1 & #2 plastic bottles are placed in plastic bins

And...make sure they are empty and lids removed

Pitch in to help us recycle

The Green Team

531-454-6068

Smoking is permitted solely in designated Tobacco Areas (DTAs). If no signage exists, smoking is NOT permitted in that area. It is the responsibility of all smokers to keep DTAs clean of cigarette butts.

Attention

AEDC Policy Notice

(Military, DuBois Civilians, Contractors, Visitors)

Smoking is permitted solely in designated Tobacco Areas (DTAs). If no signage exists, smoking is NOT permitted in that area. It is the responsibility of all smokers to keep DTAs clean of cigarette butts.

ARLINGTON ENGINEERING DEVELOPMENT COMPLEX
Arnold AFB, Tenn.

Join AEDC on Social Media!

Like us on Facebook at www.facebook.com/ArnoldAirforceBase

Follow us on Twitter at www.twitter.com/AEDCows

Learn about our mission at www.arl.army

The Green Scene

Please Help Us Recycle

Break down cardboard boxes and check for items left inside

Ensure only #1 & #2 plastic bottles are placed in plastic bins

And...make sure they are empty and lids removed

Pitch in to help us recycle

The Green Team

531-454-6068

Smoking is permitted solely in designated Tobacco Areas (DTAs). If no signage exists, smoking is NOT permitted in that area. It is the responsibility of all smokers to keep DTAs clean of cigarette butts.
Arnold AFB Milestones

35 YEARS
Cinda Jerriam, TOS
Earl Irvin, TOS
Robert Read, TMAS
John Idia, TMAS
George Wilson, TOS
Geoff Cady, TOS

30 YEARS
David Day, AF
William Ivey, AF
Phyllis Hooker, TOS
Terrence Rogers, TOS

25 YEARS
Barry Henderson, TOS
George Jenkins, TOS

20 YEARS
John Stanley, TOS

15 YEARS
Ryan Allen, TOS
Kevin Boyce, TOS
Jason Bramblett, TOS
Eric Bromley, TOS
Michael Dickey, TOS
Zachary Grosch, TOS
Matthew Kunynedy, TOS

10 YEARS
Michael Kinslow, TOS
Ronald Mouldeos, TOS
Jeff Moss, TOS
Carlos Nichols, TOS
George Red, TOS
Carthon Rogers, TOS
Chesterena Rogers, TOS
Joe Simmons, TOS
Timothy Taylor, TOS
Jimmy Sweery, TOS
Adam Webh, TOS

10 YEARS
Amanda Agateo, AF
Brian Barnes, FSI
Kevon Hul, TOS
Michael Slack, TOS
Sam Teat, FSI

5 YEARS
S tolda Ali, TOS
Clint Brynt, TMAS
Chad Criterion, TOS
Casey Culey, TOS
Jim Hedford, TOS
Jason Hope, TOS
Ellan Joes, TOS
Edible Leo, TOS
Edward Murphy, TOS
Edward Wilson, TOS
James Rogers, TMAS
Nathan Tendick, TMAS
Matt White, TOS
John Wehltebo, TMAS

INBOUND MILITARY
1st Lt. Karlie Madden, AF

RETIEMENTS
Major Sgt. Matthew Almen, AF
1st Lt. Brian Brues, AF
1st Lt. Colin Crow, AF
Gary Gurgel, AF
Charles Henderson, FSI
Billy King, FSI
Warron Mullamas, TOS
Thomas Schmik, TMAS
Victor Seawack, AF
Dennis Timmons, AF
Debora Williams, AF

NEW HEROS
John Bearden, TOS
Joseph Braker, TOS
Nicole Bryant, AF
Israel Chandile, TOS
Steven Chaput, TOS
Katherine Cornell, TOS
Scott Durant, TOS
Brenda Fryman, TOS
Cooper Green, AF
Christopher Griffin, TOS
Brittany Hall, TOS
Anthony Hanner, AF
Anna Jenkins, TOS
Joshua Matsonky, TMAS
Matthew Melkes, TMAS
Adam Moore, AF
Oleahmen Oglouerma, TOS
Tod Perry, TOS
Kristopher Pollick, AF
Michael Purnell, TMAS
William Russell, AF
William Sherwood, TOS
Brian Nax, AF
Jarrett Stutsk, AF
Steven Stump, TOS
Michael Williams, TOS
Taylor Wright, AF

By Jasmine Porterfield

EGLIN AIR FORCE BASE, Fla. — Leaders from the three bases that make up the Air Force Test Force came together to plan the future of Air Force test during an annual strategic planning gathering here Dec. 3-5.

Respective wing commanders and senior leaders joined Maj. Gen. Christopher Azzano, AFTC commander, to evaluate past practices being considered for Air Force-wide use. The agenda focused on how to advance these technologies to meet National Defense Strategy initiatives. Other topics included personnel, infrastructure and budget as they pertain to mission success and strategic deterrence.

“We are a Lynchpin to the future superiority of the free world,” said Azzano. “Everything we do moves the ball forward.”

According to Azzano, the Center currently runs more than 670 programs with many involving cyber capabilities and next-generation technologies such as hypersonics, autonomous systems and directed energy.

“The agenda focused on how to advance these technologies to meet National Defense Strategy initiatives,” said Azzano. “Other topics included personnel, infrastructure and budget as they pertain to mission success and strategic deterrence. We need to stay ahead of our adversaries,” said Azzano.

“We need to be faster, have more agility and flexibility and take on more risk.”

During the event, leaders got an inside look into several Eglin assets and capabilities, including the Air Force’s new HH-60 Combat Rescue helicopter, MH-139 facilities, the Invisible Wounds Clinic, and base-specific fire suppression practices being considered for Air Force-wide use.

“It’s a great time to be part of the test enterprise,” said Azzano. “We’re the point of execution to make things happen.”

An updated AFTC Strategic Plan is scheduled to be published in early 2020.

New Hire
John Bearden, TOS
Joseph Braker, TOS
Nicole Bryant, AF
Israel Chandile, TOS
Steven Chaput, TOS
Katherine Cornell, TOS
Scott Durant, TOS
Brenda Fryman, TOS
Cooper Green, AF
Christopher Griffin, TOS
Brittany Hall, TOS
Anthony Hanner, AF
Anna Jenkins, TOS
Joshua Matsonky, TMAS
Matthew Melkes, TMAS
Adam Moore, AF
Oleahmen Oglouerma, TOS
Tod Perry, TOS
Kristopher Pollick, AF
Michael Purnell, TMAS
William Russell, AF
William Sherwood, TOS
Brian Nax, AF
Jarrett Stutsk, AF
Steven Stump, TOS
Michael Williams, TOS
Taylor Wright, AF

Promotions
Lt. Col. Jeffrey Burnette promoted to colonel
Maj. Gen. Christopher Azzano
Promoted to senior master sergeant
1st Lt. Karlie Madden promoted to captain
Dr. Darryl Shondalins, Services
Promoted to Outdoor Recreation Manager
Certificates
Mark (Tommy) Nichols earned the APOF Program Management Level II certificate
Jeremy Morris earned Project Management Professional certification

Test Center leadership plan future of test

Eglin Air Force Base, Fla. The general toured the base during a strategic planning visit. (U.S. Air Force photo by Jasmine Porterfield)
Nine Airmen graduate from the Basic Flight Engineer Course at the 344th Training Squadron, Career Enlisted Aviator Center of Excellence, as the first-ever class comprised completely of non-prior service students. "The water rescue program brought to light different situations that can arise for 72 hours, operators are faced with difficult situations. It was not until a traumatic injury occurred, or when life is taken by the water, the survivability was extremely low."

"This morning you (Air Force Basic, Career Enlisted Aviator Center of Excellence, as the first-ever class comprised completely of non-prior service students."

The resource water program is not only supported by Santa Barbara County, but also the state of California. Coleman and Ogan explained how they got operators comfortable in different situations. This three-day course is filled with different craft drills and concludes with a nighttime evolution, just to get operators comfortable in different situations that can arise. For 72 hours, operators are faced with difficult situations. It was not until a traumatic injury occurred, or when life is taken by the water, the survivability was extremely low."

The 30th Civil Engineer Squadron fire department was awarded the "Best Fire Department in the Air Force," and the "Best Fire Department in the Department of Defense" for 2018. (U.S. Air Force courtesy photo)

The water rescue program is not only supported by Santa Barbara County, but also the state of California. Coleman and Ogan explained how they got operators comfortable in different situations. This three-day course is filled with different craft drills and concludes with a nighttime evolution, just to get operators comfortable in different situations that can arise. For 72 hours, operators are faced with difficult situations. It was not until a traumatic injury occurred, or when life is taken by the water, the survivability was extremely low."

The 30th Civil Engineer Squadron fire department was awarded the "Best Fire Department in the Air Force," and the "Best Fire Department in the Department of Defense" for 2018. (U.S. Air Force courtesy photo)