Long-range missile testing conducted in AEDC transonic wind tunnel

By Deidre Ortiz

AEDC Public Affairs

Some separate testing of the Long Range Anti-Ship Missile (LRASM) for the F/A-18E/F Super Hornet was recently conducted in the 16-foot transonic wind tunnel (16T) at AEDC.

The LRASM is a long-range subsonic cruise missile designed for better range and survivability than current anti-ship weaponry. It is carried with the wings and tail stowed and then deployed once released from the aircraft. This missile development program is a joint effort of the Defense Advanced Research Projects Agency (DARPA), Naval Air Systems Command (NAVAIR), and the United States Air Force.

Dr. Richard Roberts, AEDC test manager for the Propulsion Wind Tunnel Facility, stated engineers assigned to NAVAIR are characterizing both the separation and carriage loads of the LRASM on the F/A-18E/F.

“The release of this missile is a coordinated effort taking into account the aircraft flow field, wing and tail deployments as well as deployment timing,” he said. “The goal is to determine the appropriate aircraft loadout, wing and tail deployment timing and flight conditions in order to obtain a safe and controllable release or jettison.”

According to Roberts, the 16T Captive Trajectory Support (CTS) system was used to collect aerodynamic loads on the missile.

“We combined these loads with cajetor properties, missile mass properties, other initial conditions and aerodynamic corrections in order to simulate the actual trajectory of the missile,” he said. “In the tunnels we do this

Combined Test Force works best for the National Full-Scale Aerodynamics Complex

By Betty Gatto

AEDC Public Affairs

Much like AEDC Hypervelocity Wind Tunnel 9 is White Oak, Md., the National Full-scale Aerosciences Complex (NFAC) at Moffett Field, Calif., has always operated as a Combined Test Force (CTF).

“It’s how we’ve been working all along,” said Scott Waltermire, NFAC site director and CTF chief. “We have Air Force, Army and NASA personnel assigned here. So not only do government personnel work alongside contractors but they work with staff from other agencies as well.”

Therefore, it’s not unusual for government staff to be involved in the test process from start to finish, completing tasks as needed while operating as an integrated workforce.

“There have been times when contractor support is not available and so government personnel will stand watch during the test,” he said. “Government personnel are also responsible for leading test director certification training.”

Team members will often jump in and perform different tasks depending on where they’re needed.

“An example is that our facility engineering group will oftentimes send people to support test planning by performing design or analysis,” Waltermire mentioned.

Waltermire stated NFAC has worked as a CTF and takes advantage of its various resources in part because it’s offsite from the rest of the AEDC facilities.

“Being so far away, using this type of operation has just worked well,” he said.

ACC tells Congress and Pentagon officials

AEDC vital to national security

By Deidre Ortiz

AEDC Public Affairs

Lawmakers and Pentagon officials recently listened as members of the Arnold Community Council (ACC) talked about the importance of AEDC and offered some no-cost initiatives for government improvement and investment in hypersonics.

The ACC makes an annual trip to Washington, D.C. to promote AEDC and garner support for the Complex. About 13 community leaders made the trip and the schedule was packed...from Pentagon meetings to House Appropriations meetings.

ACC tells Congress and Pentagon officials

AEDC vital to national security

By Betty Gatto

AEDC Public Affairs

Lawmakers and Pentagon officials recently listened as members of the Arnold Community Council (ACC) talked about the importance of AEDC and offered some no-cost initiatives for government improvement and investment in hypersonics.

The ACC makes an annual trip to Washington, D.C. to promote AEDC and garner support for the Complex. About 13 community leaders made the trip and the schedule was packed...from Pentagon meetings to House Appropriations meetings.

Arnold Community Council member and Air Force Materiel Command Civilian Leader, Brian Slateon (right), says hello to Senators Alexander (middle) and Corker during Tennessee Tuesday. (Photo provided)
Water can make you sick

In the words of the Dave Action Line

...you may need to wait several minutes to the faucet is treated before it is safe to drink. Nothing will work • you see a body of water • wait. Nothing will work...
AEDC has been engaged in a contract re-competition for two years now and we are about to enter the contract phase for many of the future contracts. While most employees’ perceptions may be able to answer many of those questions, during this time AEDC employees may not access a team of folks who can respond to technical questions. The AEDC Transition Team has set up the AEDC Contract Transition SharePoint page, whose primary feature is a question and answer library. Employees are encouraged to navigate to the AEDC Contract Transition SharePoint page at https://AEDC.msfc.af.mil/ADAC/IT%26S/ to ask questions and receive comments.

We want your questions and feedback. Just click the AEDC Transition Communications link and send us an email. Our goal is to reply to most questions within two business days and post to the Q&A library. Additionally, we plan to provide weekly emails containing all the answered questions from the preceding week.

For ease of navigation, there is now a link to the AEDC Contract Transition SharePoint page on the Team AEDC Portal under Links in the right-hand column.

By Rachel March
ATA Public Affairs
As an AEDC personnel who made adjustments for a new Contract Transition Force (CTF) contract for fiscal year 2016, organization leaders and teams of engineers’ knowledge at the forefront were available through the AEDC Ground Test University (GTU).

In 2007, AEDC leadership identified the need to preserve the potential to train employees in a broader range of testing areas for training to rapidly evolve technology and a different staffing environ- ment.

“We have a significant need to accelerate the train- ing of the next generation of new-hires today and techni- cians that serve in diverse, evolving roles,” said Rob McAmis, the AIA Information Technology and Systems Department director.

“Additionally, we need a persistent need to train for years ahead. Our employees will have to be agile within the entire AEDC workforce and likely more mobile within the broader aerospace and engineering industry.”

Work has been accomplished in a multi-tier system to aid in career development and growth as determined by the individual’s desire and potential within the organization’s needs. Training is a new test engineer at AEDC as there have historically been a five to 10 year project according to AEDC Test Operations Manager John Long, Lead Engineer Timothy West.

“Guidelines to get you started on how to train employees, including acquiring experience and developing a new area,” Harrison said. “Many of the classes designed to provide a refresher to a new subject matter and train employees to maintain their knowledge in a much more efficient way.”

The curricula offer courses in aeropropulsion and flight and will allow employees to include course information and content management systems (CMS) as well as a Collaboration and training content which may be used to reference as needed.

The curricula consist of courses including, but not limited to: Afterburner, the United States’ largest applied research and development facility; AEDC, AIA Information Technology and Systems Department.

Three Tennessee Technological University students presented their AEDC Collaborative Applied and Innovative Research Capstone Projects at AEDC on April 27. The three projects included development of a digital integrator replacement prototype, an instrumen- tation scanner emulator and a digital signal processing (DSP) testbed. Two of the students were a part of the participating students hiring process.

“With the opportunity to engage with our students, our goal is to make GTU the Training University gaining altitude and AEDC Ground Test University (GTU) gain altitude,” AEDC Commander Col. Raymond Toft said. “It is critical for the success of that and that it will ensure the completion of our goals and mission.”

The GTU participant Ndumie Mvali, an engineering student at AUA, who had been employed with AEDC for seven months, has a better understanding of the test department due to the course he has taken.

“Participating in the Ground Test University helped me to understand how tests are run at AEDC and at other departments other than my hometown,” Mvali said. “Many of the classes that I have attended have given me the ability to help me understand what to do and how to do it.”

The instructors for the courses are subject matter experts and they are not subject to be limited by the AEDC settings.

“Knowing that there is a conference room and being bombarded with PowerPoint charts for hours is not an effective way to learn,” McAmis said. “We are using the IT&S database and what we have in the environment, which is the best way to learn.”

The curricula include courses in areas such as: Wind Tunnel Testing, which includes lab-assignments and various experiments; increasing capabilities at AEDC and AIA; and also made way for discussion and Q&A time with the instructors that would otherwise be less likely to happen.

Most important, after each GTU class I realized a lot of new and interesting concepts that I can use in my future career and better understand what we are all trying to accomplish in the testing environment.”

The gutt and of the AEDC, government, military and civil- ization, and the courses are not a structured class setting.

“Additionally, we plan to provide weekly emails containing all the answered questions from the preceding week.”

For ease of navigation, there is now a link to the AEDC Contract Transition SharePoint page on the Team AEDC Portal under Links in the right-hand column.

May 26, 2015 • 3

Three Tennessee Technological University (TTU) students presented their AEDC Collaborative Applied and Innovative Research Capstone Projects at AEDC on April 27. The projects included development of a digital integrator replacement prototype, an instrumentation scanner emulator and a digital signal processing (DSP) testbed.

Three Tennessee Technological University students presented their Applied and Innovative Research Capstone Projects at AEDC on April 27. The projects included development of a digital integrator replacement prototype, an instrumentation scanner emulator and a digital signal processing (DSP) testbed.

As AEDC personnel, government military and civil- ization, and the courses are not a structured class setting.

“Additionally, we plan to provide weekly emails containing all the answered questions from the preceding week.”

For ease of navigation, there is now a link to the AEDC Contract Transition SharePoint page on the Team AEDC Portal under Links in the right-hand column.

May 26, 2015 • 3

Three Tennessee Technological University (TTU) students presented their AEDC Collaborative Applied and Innovative Research Capstone Projects at AEDC on April 27. The projects included development of a digital integrator replacement prototype, an instrumentation scanner emulator and a digital signal processing (DSP) testbed.

As AEDC personnel, government military and civil- ization, and the courses are not a structured class setting.

“Additionally, we plan to provide weekly emails containing all the answered questions from the preceding week.”

For ease of navigation, there is now a link to the AEDC Contract Transition SharePoint page on the Team AEDC Portal under Links in the right-hand column.

May 26, 2015 • 3

Three Tennessee Technological University (TTU) students presented their AEDC Collaborative Applied and Innovative Research Capstone Projects at AEDC on April 27. The projects included development of a digital integrator replacement prototype, an instrumentation scanner emulator and a digital signal processing (DSP) testbed.

As AEDC personnel, government military and civil- ization, and the courses are not a structured class setting.

“Additionally, we plan to provide weekly emails containing all the answered questions from the preceding week.”

For ease of navigation, there is now a link to the AEDC Contract Transition SharePoint page on the Team AEDC Portal under Links in the right-hand column.

May 26, 2015 • 3

Three Tennessee Technological University (TTU) students presented their AEDC Collaborative Applied and Innovative Research Capstone Projects at AEDC on April 27. The projects included development of a digital integrator replacement prototype, an instrumentation scanner emulator and a digital signal processing (DSP) testbed.

As AEDC personnel, government military and civil- ization, and the courses are not a structured class setting.

“Additionally, we plan to provide weekly emails containing all the answered questions from the preceding week.”

For ease of navigation, there is now a link to the AEDC Contract Transition SharePoint page on the Team AEDC Portal under Links in the right-hand column.

May 26, 2015 • 3

Three Tennessee Technological University (TTU) students presented their AEDC Collaborative Applied and Innovative Research Capstone Projects at AEDC on April 27. The projects included development of a digital integrator replacement prototype, an instrumentation scanner emulator and a digital signal processing (DSP) testbed.

As AEDC personnel, government military and civil- ization, and the courses are not a structured class setting.

“Additionally, we plan to provide weekly emails containing all the answered questions from the preceding week.”

For ease of navigation, there is now a link to the AEDC Contract Transition SharePoint page on the Team AEDC Portal under Links in the right-hand column.

May 26, 2015 • 3

Three Tennessee Technological University (TTU) students presented their AEDC Collaborative Applied and Innovative Research Capstone Projects at AEDC on April 27. The projects included development of a digital integrator replacement prototype, an instrumentation scanner emulator and a digital signal processing (DSP) testbed.

As AEDC personnel, government military and civil- ization, and the courses are not a structured class setting.

“Additionally, we plan to provide weekly emails containing all the answered questions from the preceding week.”

For ease of navigation, there is now a link to the AEDC Contract Transition SharePoint page on the Team AEDC Portal under Links in the right-hand column.

May 26, 2015 • 3

Three Tennessee Technological University (TTU) students presented their AEDC Collaborative Applied and Innovative Research Capstone Projects at AEDC on April 27. The projects included development of a digital integrator replacement prototype, an instrumentation scanner emulator and a digital signal processing (DSP) testbed.

As AEDC personnel, government military and civil- ization, and the courses are not a structured class setting.

“Additionally, we plan to provide weekly emails containing all the answered questions from the preceding week.”

For ease of navigation, there is now a link to the AEDC Contract Transition SharePoint page on the Team AEDC Portal under Links in the right-hand column.

May 26, 2015 • 3

Three Tennessee Technological University (TTU) students presented their AEDC Collaborative Applied and Innovative Research Capstone Projects at AEDC on April 27. The projects included development of a digital integrator replacement prototype, an instrumentation scanner emulator and a digital signal processing (DSP) testbed.

As AEDC personnel, government military and civil- ization, and the courses are not a structured class setting.

“Additionally, we plan to provide weekly emails containing all the answered questions from the preceding week.”

For ease of navigation, there is now a link to the AEDC Contract Transition SharePoint page on the Team AEDC Portal under Links in the right-hand column.
ATA donates $2,000 to Air Force Junior ROTC
ATA donated $2,000 recently to the Air Force Junior ROTC program at Franklin County High School (FCHS). The company’s Mission Support Director, Pat Eagan, talked with the students about the importance of military service and the AEDC mission. The instructor, Everett Smith, said the money will be used to buy required shirts and socks for the current group of 30 incoming freshmen. The Junior ROTC program doesn’t receive any funds from the Air Force. (Left) Diana Spaulding, secondary supervisor, Career and Technical Education; Cadet Lt. Col. Austin Stewert, Cadet group commander; CWAvt. Everett Smith, Air Force Junior ROTC senior vice commander; Pat Eagan, AEDC Mission Support director; Cadet Capt. Tullahoma Mayor Lane Currie; and Dr. Rebecca Sharper, Franklin County director of schools. (Photo provided)

AEDC Air Force Sergeants Association hosts annual bike-a-thon

By Raquel March

The AEDC Air Force Sergeants Association (AFSA) Chapter 477 will host the annual Tech Sgt. Gene Jobe Memorial Bike-a-thon on June 19 at 8 a.m. to raise funds for the AEDC Veterans Pierce, the AEDC Children’s Christmas Party, and other quality-of-life initiatives.

The bike-a-thon will begin in 2010 to honor the memory of Tech. Sgt. Gene Jobe, a 21-year Air Force member and the late father-in-law of former AEDC Chaplain Maj. Paul Jobe. Gene was a lifetime member of the AEDC AFSA.

Cyclists can register by emailing Arnold.AFSA.Chapter477@gmail.com.

Hergers and donations will be collected at Cafe 100 on June 2-3 and 16-18 between 11 a.m. and 1 p.m. If you cannot make it to Cafe 100 and would like to contribute, please call 454-6194 or 454-6135.

AFSA is a non-profit organization that represents the professional and personal interests of more than 10,000 active, retired and veteran total enlisted members of the U.S. Air Force and their families.

ACC from page 3

A dinner hosted by ASC Legislative Affairs Chairman Tech. Sgt. Mike Niederhauser was held May 19 at the ACC and the Edwards AFB Civ-Mil organization.

Since 1999 I have been working for two years at Edwards as the ACC Legislative Affairs Chair. During that time, we’ve had the opportunity to meet with top-ranking officials in the Pentagon and other key leaders in the military and national defense.

The Super Hornet sports a total of 11 weapon stations. Its single-seat F-35 model and two-seat F-35A variant at Edwards. The F-35A will cost $100 million per unit. (Photo by Jacqueline Cowan)
AFMC’s Wingman Intervention program going strong

By Air Force Materiel Command Public Affairs

W R I G H T - P A T - T E R S O N A I R F O R C E BASE, Ohio – More than a year after it was introduced, Air Force Materiel Command’s Wingman Intervention program is still going strong.

“During the spring 2013 Wingman Day, AFMC made a concerted effort to provide its Airmen with the skills and confidence they need to safely intervene when they see fellow Airmen entering potentially harmful situations, both on and off duty,” said Jennifer Treat, AFMC Community Support Coordinator.

To build on that theme, AFMC launched an initiative in the fall of 2013 to capture, acknowledge and highlight real-life situations in which Airmen took action to keep themselves and their wingmen safe.

The goal of the Wingman Intervention program is to turn those situations – where personnel recognized at-risk behavior and proactively intervened into teachable moments and to encourage similar behavior in others. So far, more than 30 interventions have been highlighted.

“A good wingman doesn’t see any other way we could operate,” said Treat. “We’ve prou[d] to have so many true wingmen in our command who look out for the welfare of their colleagues and community.”

As a recent example of a successful wingman intervention, an Airman was volunteering at an off-duty event when he noticed a teenager collapsed, unconscious, and with a blocked airway. The teenager’s breathing was disturbed by the tone of the message and worried that something was wrong. The supervisor and the command attempted to reach both the employee and her family members by phone, and when the attempts failed they contacted the Employee Assistance Program.

The employee agreed to check the house or the supervisor and command ensured their employee got the help she needed.

In yet another example, a wingman noticed a neighbor’s outdoor trash bin on fire. He called the fire department, used backets of water to extinguish the flames and moved the bin away from the house. The wingman continued to soak the bin – filled with embers – with water until the fire department arrived and took over the scene. Thanks to the vigilance of the wingman, no damage was done to the house or yard.

Finally, when an Airman was in shock after the death of her boyfriend in an automobile accident, her supervisor had a co-worker stay with the Airman so she won’t alone.

The compassion of the wingmen in this situation ensured the Airman had a comfortable presence and assistance during a difficult time.

If you become aware of situations in which personnel have recognized at-risk behaviors and proactively intervened, please contact your local Community Support Coordinator.

This day in espionage history

By AEDC Industrial Security

May 27, 2006 – Hervie Ahmad Ali Shaaban sentenced to 13 years 4 months in prison for conspiracy against the U.S. and other charges.

May 31, 1994 – Jeffrey Eugene Gregory sentenced to 18 years in prison.

June 5, 1986 – Ronald William Pelton convicted on one count of conspiracy and being concerned, the supervisor and command ensured their employee got the help she needed.

June 5, 1997 – Harold James Nicholson sentenced to 23 years and 7 months in prison.

March 3, 1997, pleaded guilty under a plea agreement.

Highest ranking CIA officer charged with espionage.
Adaptive Compliant Trailing Edge test last flight

By Secretary of the Air Force Public Affairs

WASHINGTON (AFNS) – The Air Force is undergoing several modernization and manpower initiatives to meet increased mission requirements outlined in the fiscal year 2016 President’s Budget submission. The Air Force is undertaking a concerted effort to stabilize and grow the force by fiscal year 2017, to include addressing key gaps in the nuclear, cyber, intelligence, surveillance, target detection, and reconnaissance, and support career fields.

The Air Force is using the most direct way to grow the force by increasing the accessions of experienced Airmen entering basic military training and the numbers of officers being commissioned. To complement these efforts, the Air Force is also offering opportunities to retain key experience and increase operational maneuvering levels through targeted voluntary limited periods of active duty (HYT) extensions. The Limited Period of Active Duty program offers opportunites to members of the Air Reserve Component to serve an active-duty tour, and the Direct Duty Prior Service Enlistment Program opening doors for prior-service enlisted members to return to active duty.

The focus of these programs is to increase the number of experienced Airmen in undermanned specialties such as nuclear, cyber, intelligence, surveillance and reconnaissance, and support career fields.

The Air Force is ready to revolutionize entire new airframes, wings or integrated into existing aircraft designs, in which grades and specialties are considered, a failure of their specialty.

While we are working to increase our overall number of Airmen, particularly focused on adding mid-level experience to our currently undermanned specialties to help resolve mission requirements immediately, said Brig. Gen. Brian Kelly, the director of military force management policy. The new programs being launched are designed to meet the need for experienced Airmen in critically undermanned specialties such as nuclear, cyber, intelligence, remotely piloted aircraft and special operations.

Voluntary HYT extensions are being offered to master sargent and above, warrant officers, technical sargent and technical sargent first class in targeted specialties; however, Airmen will only be approved if recommended for the extension by their unit commander or division leader. The length of the tour can be tailored to fit on each Airman’s situation. Those receiving the fiscal 2015 HYT extension program will be released by AFPC and available via myPers May 18.

Opportunities to serve an active-duty tour for a period of up to three years will be available to members of the Air Reserve Component in targeted Air Force specialties. The Voluntary Limited Period of Active Duty Program allows the Air Force to increase experienced mid-level grades by leveraging trained Airman from the Air Force Reserve and Air National Guard. These Airmen will receive the same benefits as active-duty Airmen, such as averaging for the Post 9/11 GI Bill, while serving a tour on active duty. Further information, such as which grades and specialties are eligible, will also be available in the coming weeks.

Under the Direct Duty Prior Service Enlistment Program, applicants must have separated from the active-duty Air Force, or be separated from or currently serving in the ANG or Air Force Reserve in the grade of senior airman through technical sergeant as a fully qualified 5–7 level in one of the designated Air Force specialties. Army, Navy, Marine Corps, or other service members may also be eligible if they have a career field equivalent to one of the specialties targeted in the fiscal 2015 HYT program. Under this program, applicants are not eligible to receive a reenlistment bonus.

Airmen interested in applying for HYT or the Voluntary Limited Period of Active Duty Program are encouraged to review the additional eligibility details at the Air Force Personnel website, and contact their local recruiter.
By 45th Space Wing
Public Affairs
CAPE CANAVERAL
AIR FORCE STATION,
Fla. (AFNS) – The 45th
Space Wing supported
the successful launch of
a United Launch Alliance
(ULA) Delta IV rocket
carrying the Air Force’s
eighth Block IIF-9 naviga-
tion satellite from Launch
Complex 37 at Cape Ca-
naveral.

Delta IV has delivered nu-
terous satellites for the
National Reconnaissance
Office (NRO), as well as
GPS satellites for the Air
Force and weather satel-
lites for NASA, according
to a ULA media release.

“I’m elated with today’s
successful launch, the
GPS constellation remains healthy, strong
and robust, and in over 20 years since ini-
tial operational capability, GPS has never
failed to deliver on its global positioning,
navigation and timing commitments,” said Brig.
Gen. Cooley, the director of the Space and
Missile Systems Center’s GPS Directorate.

“Each new generation of GPS satellites provides
enhanced capability over the prior generations,
and has delivered reliable per-
formance demonstrating our commitment that GPS
remains the gold standard space-based
positioning, navigation and timing
service for the future,” he
said. “Thanks to the men
and women of SMC, the
45th, 50th, 310th Space
Wings, Boeing, United
Launch Alliance, the
Aerospace Corporation,
GPS IIF and Delta IV
launch teams, the GPS IIF
program continues to meet
GPS enterprise needs.”

Created by the De-
partment of Defense to
enhance military warf-
ing capability, GPS is available for use, free
of charge, to anyone with
a GPS receiver. U.S. and
allied military forces use
GPS devices in virtually
every system to improve
eir capabilities and ef-
fективness while reduc-
ing risk to their forces and
non-combatants. From
inance to farming, use by
e civilian community
continues to grow rapidly
and new commercial ap-
plications are continuous-
lly being developed.

The GPS IIF system
brings next-generation
performance to the con-
stellation. The GPS IIF ve-

cicle is critical to national security and sustaining
GPS constellation avail-
bility for global, civil,
commercial and defense
applications. Besides sus-
taining the GPS constel-
dation, IIF features more
capability and improved
mission performance.

GPS satellite blasts off from ‘The Cape’
By 1st Lt. Hope Cronin
33rd Fighter Wing Public Affairs

EGLIN AIR FORCE BASE, Fla. (AFNS) – The Department of Defense welcomed its first female F-35 Lightning II pilot here May 5.

Lt. Col. Christine Mau, the 33rd Fighter Wing Operations Group deputy commander, completed her first training flight in the single-seat fifth-generation fighter following 14 virtual training missions in the full mission simulator at the F-35 Academic Training Center.

“It wasn’t until I was taxiing to the runway that it really struck me that I was on my own in the jet,” said Mau, formerly an F-15E Strike Eagle pilot. “I had a chase aircraft, but there was no weapons system officer or instructor pilot sitting behind me, and no one in my ear like in simulators.”

And with that, like the other 87 F-35A pilots trained over the last four years, Mau thundered down the runway and was airborne as the first woman in the Air Force’s premier fighter.

“It felt great to get airborne. The jet flies like a dream, and seeing the systems interact is impressive. Flying with the Helmet Mounted Display (System) takes some adjusting, but it’s an easy adjustment,” Mau said. “The training missions in the simulator prepare you very well, so you’re ready for that flight.”

The initial flight in the F-35 training syllabus is designed to orient pilots with the physical

First female F-35 pilot begins training

By 1st Lt. Hope Cronin
33rd Fighter Wing Public Affairs

Li. Col. Christine Mau, the 33rd Operations Group deputy commander, puts on her helmet before taking her first flight in the F-35A Lightning II at Eglin Air Force Base, Fla., May 5. Mau made history as the first female F-35 pilot in the program.

(U.S. Air Force photo/Staff Sgt. Marleah Robertson)
ATA personnel receive awards for outstanding performance

May 26, 2015

**Craftsperson of the Quarter**
- James Pickett, Mission Support Department, Plant Operations and Maintenance
- Henry Hone, Technical Excellence in Engineering of the Quarter, Integrated Test and Evaluation Department, Engineering Analysis
- James Melton, Craftsperson of the Quarter, Mission Support Department, Fabrication, Installation, Maintenance, and Support
- Randy Nunley, Administrative and Professional Support Services of the Quarter, Mission Support Department, Tech, Spec, and Admin Professional
- Deborah Rickner, Administrative and Professional Support Services of the Quarter, Mission Support Department, Administrative Support
- Marilyn Gillam, Administrative and Professional Support Services of the Quarter, Integrated Test and Evaluation Department, Support Services
- Joshua Blair, Operations and System Engineer of the Quarter, Test Assets and Support Department, Maintenance Engineering
- Gary Hammock II, Program Manager of the Quarter, Integrated Test and Evaluation Department, External Customer Program Manager

Mau, who previously flew F-15E Strike Eagles, made history as the first female F-35 pilot in the program. While with the 389th Expeditionary Fighter Squadron, Mau was part of the first all-female combat sortie. The combat mission provided air support to coalition and Afghan forces in the Kunar Valley, Afghanistan. From the pilots and weapons system officers of the two F-35E jets to the mission planners and maintainers, the entire mission was carried out entirely by women. “As a service, we need to attract the most innovative and skillful Airmen possible for one reason—it makes us more effective,” Canterbury said. “The broader the net that we cast into the talent pool, coupled with a laser focus on performance, ensures we have the best Airmen in place to carry out the mission. Performance is key, and it’s the standard we hold all of our Airmen to in the Air Force.”
Weapons load

Weapons loaders assigned to Air Force Global Strike Command secure air-launched cruise missiles on a B-52H Stratofortress during an aircraft generation event during Exercise Constant Vigilance at Minot Air Force Base, N.D., May 7. Training and exercise participation hones AFGSC’s nuclear deterrence and long-range strike capabilities, ensuring the command is ready to support the president and combatant commanders if and when called upon to do so. (U.S. Air Force photo/Senior Airman Kristoffer Kaubisch)