AEDC test teams prepped F-35 for first external weapons release

By Deidre Ortiz

Testing in the aerodynamic wind tunnels at AEDC helped prepare the Navy variant of the F-35 Joint Strike Fighter for its first external weapons release. During a flight completed by the F-35 Patuxent River Integrated Test Force in September, four 500-pound Guided Bomb Unit-12 laser-guided inert bombs were successfully re-leased from the pylons on wings of an F-35C at a Navy test range in Maryland during test runs.

According to ATA senior engineer David Anderson, the first F-35 weapon integration tests were conducted at AEDC.

Anderson added that the GBU-12 has specifically been tested on six weapon separation or Captive Trajectory Support tests at AEDC.

“Those tests were conducted from the Conventional Take-Off & Landing, Short Take-Off Vertical Landing and Carrier Variant aircraft variants and obtained separation characteristics of the GBU-12, and various other weapons, from the weapon’s bay internal carriage and external wing positions,” he said.

Based on Anderson’s calculations, it’s estimated that the 1/15th scale Lockheed Martin F-35 model has been tested in 4T for more than 3,300 user occupancy hours at a cost exceeding $12 million.

“I am very proud of the work that we accomplished on the F-35 Program in the Tunnel 4T at AEDC. The individual tests were long and complex, and in most cases, required the unique capabilities and expertise available only here at AEDC test teams prepped F-35 for first external weapons release

Angel Tree supporters receive gifts

Air Force Sergeants Association member Senior Master Sgt. Charles Hoyt assembles a bicycle at AEDC, Dec. 14, for one of the children listed with the Angel Tree Drive. (U.S. Air Force photo/Holly Fowler)

Revolutionary Change: Col. Todaro announces protest to TOS contract award

By Stacey Geiger

AFMC Commander Col. Rodney Todaro provided an update on AFMC’s Source Selection efforts to the entire workforce via email on Dec. 7. Additionally, messages and other information can be found online at www.army.mil/AEDC.

On November 16th, I announced the award of the Test Operations and Sustainment contract to National Aerospace Solutions. Although we planned to have NAS begin transition soon afterward, we received a separate protest to the Court of Federal Claims related to this award.

Col. Rodney Todaro

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See CHANGE, page 2
Commander Todaro expresses gratefulness in Team AEDC

By Col. Rodney Todaro

Commander, AEDC

Team AEDC,

As we approach the end of another calendar year, the holiday season is right around the corner and I want to take this opportunity to say that I could not be more grateful for the remarkable things we accomplished this year. Whether it is in aerospace, defense, energy or any other mission area we are tasked with, each and every individual who comes forward providing their best to serve our nation deserves our utmost respect and gratitude.

Each day that we serve in this aviation and engineering community we are able to make a difference. It is a privilege and a responsibility to belong to such an organization.

New with the onset of the holidays is the opportunity to reflect on how far we have come and how much further we can go. We live in one of the most prosperous nations on earth protected by the things we do every day. We see for this to be sustainable, we need to continue to innovate and reinvent.

If you are feeling lonely or overwhelmed, remember your ‘wingman’. Be there for one another and remember that you are a part of something bigger than yourself. You are part of the AEDC family; a family that is dedicated to the mission.

Respectfully,

Rod Todaro

Chad D. Colson

By Col. Rodney Todaro

Commander, AEDC

The AEDC African-American Heritage Com-
mittee will host the third annual Remembrance Walk to cel-
brate the vision and dream of Dr. Martin Luther King Jr. The AEDC community will hold the Remembrance Walk Jan. 18, 2014, in front of the Complex Engineering and Administration building.

Dr. King, a man of great faith, integrity and moral be-
lieved that for equality to be achieved, the barriers must be
removed allowing full access to all who seek its presence.

CHANGE FROM PAGE 1

TEAM AEDC members participate in the annual Remembrance Walk at Arnold Air Force Base Jan. 18. The walk commemorates the civil rights leader Dr. Martin Luther King Jr. The event was also part of an acknowledgment of King’s birthdate, Jan. 15, which is recognized on Jan. 18. The theme for this event was “Remember! Celebrate! Act! … A New Day, On Not A Day Off,” which focuses on community service to all individuals. (U.S. Air Force photo/Rich Goodkind)

African-American Heritage Committee members host Remembrance Walk to tribute MIL Jr.

By Linda Shafer

The presents have been opened and the wrapping paper placed in the recycling bin. Tommy is anxious to get outside and fly by the new “Innovative” drone in the backyard. Tommy is a 10-year-old digital camera that sends immedi-
ate pictures to your new iPad. Now, you get to see Tommy in real time with him and fly this thing. We can get to see Tommy at the high speed of 50 miles per hour. Let’s go fly! Tommy is so new! It’s probably a good time to take some time to go out and see your new aircraft. Once you start taking pictures of your operations, and understand the capabilities of the drones, you don’t just as-
bume. But this one is right, Tommy. The Voyager Television Association says that unmanned systems are a big trend, not toys.

The Consumer Electronics Association believes 2012 will be a de-
fined year for unmanned air vehicles as we expect to see $700,000,000 by 2013. The industry believes that these drones do FAA statistics show a surge in “drones with radio control” re-
ports per day. The FAA has conducted more than 300,000 incidents per year.

Small unmanned aircraft may give way to all manned aviation and unmanned aviation. They can give way to all manned aviation. They can give way to all manned aviation. They can give way to all manned aviation. They can give way to all manned aviation. They can give way to all manned aviation. They can give way to all manned aviation. They can give way to all manned aviation. They can give way to all manned aviation. They can give way to all manned aviation. They can give way to all manned aviation. They can give way to all manned aviation. They can give way to all manned aviation. They can give way to all manned aviation. They can give way to all manned aviation. They can give way to all manned aviation. They can give way to all manned aviation. They can give way to all manned aviation. They can give way to all manned aviation. They can give way to all manned aviation. They can give way to all manned aviation. They can give way to all manned aviation. 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They can give way to all manned aviation. They can give way to all manned aviation. They can give way to all manned aviation. They can give way to all manned aviation.
The Christmas season is a time for giving and many people take this as an opportunity to provide for the less fortunate. Tommy Northcott, section manager of the AEDC Electric Utility System, recently went on a mission trip to Freetown, Sierra Leone, in Africa and was moved by the fact that while the people he met there aren’t wealthy in terms of material possessions, they were some of the kindest and most content individuals.

“The response in Africa is so different from what you will receive anywhere else because they have nothing material but are some of the happiest people I have ever met,” he said.

This was the second time Northcott has been to Africa as a part of a program known as Disciple Makers Multiplied conference in Freetown last month. Northcott, a teacher at the conference, is planning to make another mission trip in May.

ATA recognized personnel during the 2015 ATA Awards Banquet at the Arnold Lakehouse Center Dec. 3, for their exceptional performance. ATA General Manager Jeff Haars (far left) and ATA General Manager Steve Pearson (far right) are pictured with the award winners, left to right, Brent Petry, Jonathan Seely, David Beale, Melody Gilliam, Joseph Sheeley, Carol Cox, Artie Smith, Cherise Dockrey, James Pickett, Billy Plattenburg and Creston Caldwell. Award winner Terry Hayes isn’t pictured. (U.S. Air Force photo/Billy Fowlie)
AEDC Christmas Social

(Photos by Holly Fowler and Emily Howell)

AEDC Services ‘Deck the Doors’ contest winners announced

First Place
AEDC Financial Management and Comptroller Division

Second Place
Air Force Research Laboratory High Speed Experimentation Branch

Third Place
AEDC Staff Judge Advocacy/Legal Office

• December 21, 2015
Knight Robotics, Riverside Christian Academy of Robotic Tigers, Thomas Magnet School of Rossman Universal Robots, North Middle School of AFMC mission,” said Ted to better accomplish the opportunity to improve the organization’s mission.

ward achieving their organic performance awards based on each em

ployee’s contribution to their current grade and salary. Any pay increases to their current grade and “pay bands,” comparable of three broadbands, or numbered grade. Instead, employees will no longer carry their GS designation and employees will no longer carry their GS designation and personnel system. This project not only provides a system that tracks, retains, recognizes and rewards employees for their contribution but also supports their personal and professional growth.”

The National Defense Authorization Act approved the Department of Defense to conduct a personnel demonstration project with its civilian acquisition workforce and AcqDemo was implemented in 1999. Edwards Air Force Base, Calif., has been a participant since its inception. The command will be implementing AcqDemo within the small workforce of both bargaining and non-bargaining employees at Arnold AFB, Tenn., in an effort to demonstrate its effectiveness. Additionally, there will be some bargaining and non-bargaining employees at several Air Force Installation Contracting Agency locations. To implement, all affected employees and their supervisors will first receive AcqDemo training beginning in January 2016; dates and locations will be announced.

For additional information on AcqDemo, go to: Air Force Portal AcqDemo Homepage (CAC enabled) https://epa.gov/ZBxKeA

Or, Department of Defense Civilian Acquisitions Workforce Personnel Demonstration Project: http://acqdemo.hci.mil

AEDC Commander speaks at AIAA meeting

The American Institute of Aeronautics and Astronautics, Tennessee Section held a luncheon meeting Nov. 18 at the Arnold Lakeview Center. The guest speaker for the event was AEDC Commander Col. Rodney To-
Plan ahead to have a Reducing Manager. AFMC Drug Demand states Steve Callon, under the influence,” preventable by not driving or impaired driving accidents can be dangerous. Anyone intends for alcohol-impaired driving accidents to happen, but they do.

“Every single injury and death caused by drinking, there is always a friend to walk you home. If you have been drinking, there is always another way to get home safely. You can call a taxi, phone a sober friend or family member, or call your local free ride program.

Did you know? The worst day of the year for drunk driving are: • New Year’s Eve • New Year’s Day • The Fourth of July • St. Patrick’s Day • Thanksgiving

Ever a Thanksgiving Day? Airmen Against Drunk Driving was founded in 1989 by the Department of Defense civilians to raise awareness if they are unable to drive themselves. If you have been drinking, please become a designated driver and call a friend to walk you home. If you have been drinking, there is always another way to get home safely. You can call a taxi, phone a sober friend or family member, or call your local free ride program.


New Year’s Eve/Airman Against Drunk Driving. The strategies for Air Force and in surrounding communities. The goal of AADD is to safely drive every -

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New Year’s Eve/Airman Against Drunk Driving. The strategies for Air Force and in surrounding communities. The goal of AADD is to safely drive every -
Remember safety when using the fireplace this winter

By Arnold Fire and Emergency Services

The high cost of home heating fuels and utilities has caused many Americans to search for alternative sources of home heating. More than one-third of Americans use other fuel-fired appliances as primary heat source in their homes.

Unfortunately, many people are unaware of the fire risks when heating with wood and solid fuels. Heating fires account for 36 percent of residential home fires in rural areas every year. Often these fires are due to creosote build-up in chimneys and stovepipes.

All home heating systems require regular maintenance to function safely and efficiently. You can prevent the loss of life and property resulting from heating fires by being able to identify potential hazards and following the safety tips listed below.

Keep Fireplaces and Wood Stoves Clean
• Have chimney and wood stoves inspected and cleaned annually by a certified fireplace/wood stove specialist.
• Always use a metal mesh screen with fireplaces. Leave glass doors open while burning a fire.
• Safely Burn Fuels
  • Never use flammable liquids to start a fire.
• Keep the roof clear of leaves, pine needles and other debris.
• Cover the chimney with a mesh screen and support grate.
• Remove branches hanging above the chimney.
• Open doors at least 30 feet away from your home.
• Keep the roof clear of leaves, pine needles and other debris.
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Dealing with uncooperative llamas

Dec. 21, 1988 - James Hall III arrested for selling Top Secret in exchange for $1,000.

Dec. 27, 2001 – Antonio Guerrero sentenced to life in prison for conspiracy to commit espionage to East Germany.

Indicators of Security Risks
• Alcohol Abuse
• Drug Abuse
• Spending inconsistent with known income level
• Foreign travel

If you prefer to go it alone, have fun but do it safely. But words of caution before you launch the Invader 700 or your mass-produced small aircraft.

Making a special delivery

Master Sgt. James Key loads the toys collected as part of the Toys for Tots drive held at AEDC through an effort headed by the Air Force Sergeants Association. Several toys were donated, and on the last day of the drive, Dec. 14, Key took the donations to the drop-off location at Tullahoma Fire Department. (U.S. Air Force photo/Holly Fowler)

Know before you go
So, where can you fly?

Military installations have an airport, airfield, or heliport that requires the 5-mile rule, operating limitations.

Military bases, such as the Matty Livingstone, must apply for internet orders. You can also purchase Commissary Gift Cards in the store.

Commissary gift cards are easy to buy and to share – no matter where.

It’s not too late to give the gift of groceries this season. That’s because Commissary Gift Cards can be ordered online and mailed directly to the recipient. You can order as many cards as you like, however, they do expire and must be used within six months.

Follow Us

December 21, 2015
The December meeting of the AEDC Women’s Club featured the Tullahoma High School AristoCATS singing many favorite Christmas songs while members of the club sang along with them. Many wonderful items were on display in the Christmas Boutique and the ladies had fun bidding on them through a silent auction. The boutique was a huge success and raised money for the group’s Scholarship Foundation.

Capt. Jeff Smith of the Tullahoma Fire Department was at the Lakeside Center to accept a box of donations for Toys for Tots. The ladies also contributed to Toys for Tots via table donations, which raised an additional $225. Table donations for January will be given to Fischer House in Murfreesboro.

The next meeting of the AEDCWC is Jan. 5, 2016, at the Lakeside Center. The January meeting is open to the public and provides the opportunity to meet the AEDCWC members and become a member. You don’t need to have military connections or be involved with Arnold Air Force Base to visit and become a member.

For information about the AEDCWC call 455-3569.

The social hour of the meeting starts at 9:30 a.m., with the business meeting and program beginning at 10 a.m.

Reservations and cancellations for the meeting must be made no later than noon, Dec. 29. Make reservations or cancellations by calling 393-2552 or 931-636-4152.

Disclaimer: This is a private organization which is not part of the Department of Defense or any of its components and has no governmental status.
By Conner Hammett
Army & Air Force Exchange
Service Public Affairs

DALLAS – Any person can send a little holiday cheer to military service members this year by purchasing a Soldier, Airman, Sailor or Marine an Exchange gift card.

Service members can use Exchange gift cards to purchase snacks, electronics, books, clothing or even jewelry at any Army, Air Force, Navy or Marine Corps exchange.

“Purchasing an Army & Air Force Exchange Service gift card for service members is a great way to remind our military that they are valued by those they serve to protect,” said Air Force Chief Master Sgt. Sean Applegate, the Exchange’s senior enlisted advisor. “It only takes a minute, and while it’s a small token of appreciation, rest assured it makes a big impact for those who work to protect American freedoms.”

While only authorized military shoppers can redeem Exchange gift cards, anyone can send one by calling 800-527-2345 or visiting www.shopmyexchange.com and clicking “Purchase Gift and Phone Cards” at the bottom of the page.

From there, Exchange gift cards, ranging in values from $10 to $500, can be addressed to a specific Soldier, Airman, Sailor or Marine or sent to “any service member” through the Fisher House Foundation, Air Force Aid Society, Warrior and Family Support Center or Navy-Marine Corps Relief Society. The gift cards can be redeemed at Exchanges in all 50 states and more than 30 countries. Gift cards can also be purchased and emailed directly to an authorized recipient for online redemption at www.shopmyexchange.com.

Support service members this holiday season with gift cards