16T Pitch Boom reactivated to support wind tunnel tests

By Odilie Ortiz

ATA Public Affairs

The reactivation of the 16T Pitch Boom mechanism at the 16 foot transonic wind tunnel (16T) is providing an alternate model system for new AEDC test customers. Recent and new customer SpaceX, a company that designs, manufactures and launches advanced rockets and spacecraft, was able to meet their schedule needs as a result of successfully working this alternate configuration plan.

ATA systems engineer Robert Reed stated that the 16T Pitch Boom is a model support system used in conjunction with a roll mechanism to provide a combined pitch and roll movement where only low angles of attack are required.

“(Pitch boom) uniquely provides the ability to pitch about a range of points both on and off tunnel centerline and is able to vertically truncate the model without pitch and roll movement.”

AEDC’s test schedule in early 2014 was full of tests requiring the use of the High Angle Automated Sting (HAAS) model support system in the 16T Test Cart 1. According to Reed, this resulted in a need for reactivating Pitch Boom into 16T Test Cart 2.

“Pitch Cart 2 is a multi-purpose test cart, designed for use with 16T Captive Trajectory System (CTS), 16T Pitch Booms and inert-mounted test articles including those with propulsion,” he said. “Alternating pitch between the 16T Test Cart 1 and Cart 2 allows for increased throughput at 16T.”

The reactivation is also significant because this type of system had not been used at AEDC in many years.

“Pitch Boom had not been utilized in more than 13 years and no maintenance efforts had been performed,” Reed said.

Additionally, the Universal Roll mechanism for Pitch Boom had not been proven in tunnel operations since its release to service in 2007. With minimal time and cost, these systems have been successfully evaluated and reactivated for operational readiness in 16T.

By Raquel March and Kathy Gattis

ATA Public Affairs

Due to the generosity of AEDC personnel and the AEDC Angel Tree program, 101 children will receive gifts for Christmas. Each year, personnel at the Complex choose an angel from the electronic AEDC Angel Tree list and purchase Christmas gifts according to the angel’s wishes, needs and information provided. The angels are children that might not otherwise receive gifts from family members due to economic constraints.

ATA Employee and Community Activities Committee (E&CAC) President Tony Medley expressed how this group’s generosity is important.

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ATA Public Affairs

AEDC team members may be pleased to know that AEDC Firefighter-Crew Chief and Emergency Medical Technician (EMT) Gary Goodfriend is well prepared to attend to their emergency needs according to an induction into the Tennessee 911 Hall of Honor.

He recently received the honor at the 911 Winter Workshop held in Gatlinburg and was inducted with fellow board members Judy Bailey and Frank Rice.

The induction cites that he is “Awarded to recognize the extraordinary leadership in helping to establish and maintain a professional enhanced 911 system that advances the interests of public safety, emergency communications and community service.”

George Rice, a McMinnville resident, is the chairman of the Technical Committee with the Warren County Emergency Communications District (WCED) Board of Directors and began his membership with the board in 1998. He remarked that he felt privileged and honored to be a part of the district and to be listed in the Tennessee 911 Hall of Honor.

The WCED 911 Board is the governing body of the Local 911 District in Warren County. The nine members of the 911 Board decide policy and procedures for the director and employees of the district in the operations of the consolidated communications center.

Mark Gribble, the chairman of the board, recognized the contributions George provides.

“Gary’s knowledge of the technical components of 911 has been absolutely essential to the district and ultimately the citizens of our community,” Gribble said.
AEDC to host Remembrance Walk honoring Dr. King

By Tony Medley
AEDC Fire Chief

The time has come once again to celebrate the vision and dream of Dr. Martin Luther King, Jr. In honor and celebration of Dr. Martin Luther King, Jr. Day, the AEDC will host a Remembrance Walk on Jan. 15, 2013, in honor of him. It will be held at Arnold Air Force Base, in front of the auditorium. This is a new day. A day filled with hope, change, and progress for equality, excellence and citizenship.

Dr. King wanted one way for us to pay homage to Dr. King. Freenel Robinson, chaplain for the Black Employment Program and the African-American Heritage Committee, emphasized that celebrations of King's birthday should not just remember him for what he accomplished but should also put their best foot forward for the benefit of the country.

Dr. King was a man of great faith and intelligence, believed that for equality to be achieved and maintained, it was going to take everyone's help.

Dr. Martin Luther King Jr. was born Jan. 15, 1929, in Atlanta, Ga., and he was the eldest son of Martin Luther King Sr. and the late Alberta Williams King. He grew up in Atlanta in the heart of the Jim Crow South, which was a time of great hatred, division and pain. But despite his troubles, he continued to work hard and build a bright future for the African American race.

Dr. King was a man of strong moral principles, he believed in the power of nonviolence and he was a great leader who fought for justice and equality. He was a man of great humility who never forgot where he came from and he was always ready to help others.

Dr. King was a man of great faith and intelligence, he believed that for equality to be achieved and maintained, it was going to take everyone's help. And we are going to honor him this year with the Remembrance Walk. During the month of January, the AEDC Fire Department will re-enact Dr. King's journey by participating in a Remembrance Walk each day.
for employees and the an-

“This event is a won-
derful opportunity for the employees to spread their love and joy to others,” Medley said. “I believe that each employee has worked hard to get where they are in life. There is never greater gift to one’s self than to receive the gift of knowledge that you have made a difference in someone else’s life.”

“The kids that receive these gifts from our employees may or may not realize just how special they are to receive gifts from people who don’t know them, but want to show their love and kind-

ness just to provide hap-

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one else’s life. Another great thing about the gifts that the employees give are that they are given twice; first to the parents and secondly to the child-

en.”

Sue Fletcher, a man-
ger with the South Cen-
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vides.

"Christmastime is a time that the angel tree volunteers of ATA go above and beyond the ex-

pectation and give for children’s needs for families,“ Fletcher said. “It is the most incredible ability to be able to hand gifts to a grandmother who is on a fixed income struggling to cover medication, stow-

ing over [a] safe place to live that she can afford, plus transportation, and is providing for someone else’s children with no re-

numeration or support.”

Fletcher continued

That the angels have a needs list and

wanted a bicycle, the

angel had a needs list and

wanted to say that because of

the community pro-

gram and the South Cen-
tral Relative Caregiver Pro-

gram serves individuals in Bedford, Coffey, Giles, Hickman, Lawrence, Lewis, Lincoln, Mar-

shall, Maury, Monroe, Par-

ry and Wayne counties. This program provides support services to care-

givers and their related children in order to divert children from state custody. The program is partnered with the Ten-

nessee Department of Children’s Services.

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WASHINGTON (AFNS) – Air Force officials announced there is no longer a need to conduct involuntary force management programs for fiscal year 2015 following a year of significant reductions designed to meet the Defense Department strategic and budgetary guidance.

Officials confirmed that fiscal year 2014 goals were achieved to size and shape the force, eliminating the previously anticipated requirement to conduct a second round of involuntary programs in fiscal year 2015.

“My travels and discussion with Airmen this past year have convinced me that enough is enough,” said Secretary of the Air Force Deborah Lee James. “Therefore, we will not have additional, involuntary boards in FY15.”

Targeted fiscal year 2015 voluntary programs, with eligibility limited by both grade and Air Force specialty codes, will be offered to help properly shape the force. These non-mandatory opportunities are part of the normal steady-state force management programs used annually to size and shape the force according to mandated end strength.

Voluntary programs will include waivers of some active-duty service commitments (ADSC), reductions of required time in grade for retirements, and reductions from 10 to eight years of commissioned service for retirements, allowing prior enlisted officers to retire with eight years of commissioned time versus 10.

The Palace Chase program will still be in place, but the expanded option of a one-for-one transfer will not be available this year. Specific details on voluntary programs will be released in early 2015.

For more information on force management and other personnel programs, visit the https://myPers.af.mil/. (Information courtesy of Secretary of the Air Force Public Affairs)
AF realigns missions to enhance nuclear support

WASHINGTON (AFNS) - In response to a directive from the Secretary of the Air Force and Chief of Staff of the Air Force, the 377th Air Base Wing in Albuquerque, New Mexico, will report to Air Force Global Strike Command, and the Air Force Nuclear Weapons Center will reorganize, combining the AFNWC commander and Air Force Program Executive Officer for Strategic Systems positions into a single 2-star position. The realignment of the 377 AW and reorganization of the AFNWC under Air Force Materiel Command are designed to enhance support to the nuclear mission. The transition will phase in gradually and is scheduled to be complete in fall 2015.

“The nuclear mission is the Air Force’s top priority,” said Secretary of the Air Force Deborah Lee James. “The U.S. Air Force provides our nation and the nation’s allies with the nuclear deterrence that our national security requires and interdiction in the face of threats that are aggressive, massed, and aggressive in nature. It is the nuclear mission that ensures strategic stability and deterrence. This mission is the most critical mission of the United States Air Force and our nation, and the mission that every Airman should be dedicated to performing.”

General Glen M. West, Air Force Chief of Staff, said, “The nuclear mission is the Air Force’s top priority. We must be able to provide our nation and our nation’s allies with a nuclear deterrent that is credible and reliable. The nuclear mission is the most critical mission of the United States Air Force and our nation, and the mission that every Airman should be dedicated to performing.”

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The 377 AW and AFNWC realign in response to the U.S. President and Congress’s request to improve the U.S. nuclear deterrent. The AFNWC will reorganize into three directorates, two of which focus on the two Air Force legs of the nuclear triad, ICBM systems and air delivered capabilities. The third directorate will focus on unique nuclear requirements and interagency engagement.

“The Air Force is always seeking to improve the ways we do business through the innovation of our Airmen, and the Nuclear Enterprise is no different,” said Air Force Chief of Staff Gen. Mark A. Welsh III. “We have identified and are in the process of improving critical mission shortfalls to ensure we maintain the most credible, capable and reliable Air Force on the planet.”

“The 377 AW and AFNWC are aggressive grass-roots feedback programs designed to quickly provide senior Air Force leaders with actionable recommendations for improvement.”

“As long as nuclear weapons exist, there will be no mission more important than maintaining the nation’s nuclear capability, ensuring strategic deterrence and assurance,” James said. “The Air Force will continue to maintain this strategic capability and guarantee its credibility, as American Airmen have done for more than 60 years.”

(Information courtesy of Air Force Public Affairs Agency)
Headquarters AFMC? As director of logistics at Air Force Materiel Command, which has not been occupied by a commander since the DLA director seat was announced and later confirmed unoccupied, we know that many of our missions that you don’t have to come to this job as the sustainment guy, it’s like a job description, it’s not just about the work you do, it’s about the leadership you do to make changes, it’s about the people you lead, and you have to be the one to lead changes and make sure that the people are doing the right things.

Q: What are your thoughts on your new assignment as the Director of Defense Logistics Agency?

A: It’s exciting to look at the positive things happening right now and see how our warfighting and joint logistics teams are working together as one team.

Q: What will you miss most about AFMC?

A: I am amazed by what we have accomplished in the last 15 years. The diversity of mission is really remarkable. It’s been a challenge to integrate different services and they are doing a great job.

The ATS presents free gifts and photos with Santa. There were also several free activities for the kids to enjoy thanks to the Cowan Christmas Market. Children who attended the event Dec. 5 received free gifts and photos with Santa. There were also several free activities for the kids to enjoy thanks to the Cowan Christmas Market.

The AEDC Visitor Center will re-open Jan. 2 at 6:30 a.m. Both the AEDC Visitor Center and Gate 2 will be closed Dec. 22 – Jan. 1. Both the AEDC Visitor Center and Gate 2 will be open Jan. 2 at 6:30 a.m.

Lean thinking, process improvement, high-lighting Busch’s time at AFMC

By Stacey Geiger

AEDC History

The content of High Mach does not necessarily reflect the views of the Air Force, AEDC or ATA. The appearance of advertising in this publication does not constitute endorsement by the Department of Defense, the Department of the Air Force, AEDC, ATA or The TuWallace News of the products or services advertised.
AFMC encourages workforce to stay safe and drive sober for the holidays

By Barbara McGuire
AEDC Woman’s Club

At a December meeting, the AEDC Woman’s Club (WC) held a Christmas Boutique to raise money for the scholarship foundation.

In memory of Mike McGuire and other service members, another $300 was collected for the Wounded Warrior Project through tab donations and purchasing unpurchased gifts for the clients’ Toys for Tots campaign.

The meeting also included a wonderful holiday meal and music by John Crawford. Ending the year on a high note, the WC is now ready for the New Year, and what could be better than celebrating with coffee and books?

At the Jan. 6 meeting, Mike Arnold, director of Raphel’s Bookstore, will be talking about his coffees and the positive impact his business is making by supporting missionary causes. The company offers many single-origin coffees which carry their own distinct flavor from their growing regions. Custom blends are available as well. Raphel’s Bookstore is located on Coffee Street in Coffee

PMI selects Duke as Project Manager of the Year

By Douglas Brown
Project Management Institute

The local Project Management Institute (PMI) recently held its annual social at O’Charley’s in Manchester and announced Mark Duke as the 2014 Project Manager of the Year for the Southern Middle Tennessee Branch (SMTB). Duke received the honor for his commitment to best practices in project management and his distinguishing skills in the application of project management techniques. Duke is employed at AEDC as a project manager.

This was the first year the Project Manager of the Year award has been presented. It is open to members of the SMTB of the Chattanooga PMI Chapter and carries with it a one-year membership.

PMI is the leading not-for-profit professional membership association for the project, program and portfolio management profession. Founded in 1969, PMI delivers value for more than 2.9 million professionals working in nearly every country in the world through global advocacy, collaboration, education and research. PMI advances career, improves organizational success and further matures the profession of project management through its globally recognized standards, certifications, tools, academic research, publications, professional development courses and networking opportunities.

To join, go to www.pmi.org and select the Chattanooga chapter. Email chtown@pmi.org.

Mark Duke, pictured right, was selected as the 2014 Project Manager of the Year at the annual social for the Southern Middle Tennessee Branch of the Chattanooga Project Management Institute Chapter. Douglas Brown, left, ATA contract administrator and director of finance for the local PMI chapter, shakes Duke’s hand after presenting him the award. (Photo by Bob Lindeman)

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ATA Christmas Party

(Photos by Rick Goodfriend and ATA Employees & Community Activities Committee)
AEDC Children’s Christmas Party

(Photos by Andrea Stephens and Tanya Bryan)