



TENN VALLEY FLYER

Tennessee Valley Flyer 2nd Qtr 2013 (Apr-Jun)

INSIDE THIS ISSUE:

“Top in Class” Valley Teacher Wins Best in State

For the third year in a row, Alabama’s AFA Teacher of the Year comes from the Tennessee Valley. This year’s selectee is Ms. Lynn Toney from Boaz Intermediate School. Last month during the meeting of the Boaz City School Board, Susan Mallett, VP for Alabama AFA, and Russ Lewey, Tennessee Valley AFA Chapter’s VP for Aerospace Education, presented both the Chapter and State Awards to Ms. Toney. In his letter of endorsement, Mr. Jamie Burton, Principal of Boaz Intermediate School, stated, “No other educator...does a better job bringing “real world” STEM activities to her classroom on a regular basis in new and exciting ways.” Russ expanded upon that endorsement, pointing out how Ms. Toney provided instruction and expertise to Tennessee Valley teachers during the Chapter’s February Teacher Workshop. She also coached the Boaz High School’s first-ever CyberPatriot team. Thanks to Ms. Toney’s efforts, Boaz’s is renowned for its work with the Aerospace Connection in Education (ACE) Program. This program, with support of the Air Force Association, and operated by the Civil Air Patrol, provides engaging and meaningful cross-curricular aerospace lessons that support science, technology, engineering, and math (STEM) initiatives.

The Alabama CAP Wing Commander, Col Brad Lynn, followed Susan and Russ, presenting Ms. Toney with the CAP Alabama Teacher of the Year and the CAP National Sustained ACE Excellence Award.

In addition to certificates and accolades from both AFA and CAP, as the Teacher of the Year, Ms. Toney received

Chapter Plans Fund Drive to Pay off USAF Flag at Veterans Memorial

After taking on the daunting task of raising \$15,000 for the dedication cost of the USAF Flag at the Huntsville-Madison County Veteran’s Memorial, the chapter is planning a fund drive in late summer to raise the remaining \$5,000 for the flag. Donations are tax deductible and checks can be made out to “AFA Chapter 335” with a note that it’s for the USAF Flag on the memo line and mailed to the Chapter Treasurer, Jack Royster, at 1880 Shellbrook Drive, Huntsville, AL 35806.

Thank you for supporting this worthy cause!

\$750 in checks, and an AFA jacket and bag. Thanks to a scholarship from the Alabama AFA organization, this summer she will travel to California to participate in a week-long STEM workshop; activities which include tours of the Test Pilot School at Edwards, SpaceX, and other exciting aerospace-related sites.

The Chapter’s Secondary Teacher of Year recipient comes from the Valley’s newest school, James Clemens High School. Ms. Leah McRae is the head of the
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Ms. Lynn Toney displays her awards at Boaz City School Board Meeting (L to R); Col Brad Lynn, CAP Wing Commander, Ms. Susan Mallett, CAP and AFA State VP for Aerospace Education, Ms. Lynn Toney, Alabama State and Chapter Teacher of the Year, and Col (Ret) Russ Lewey, Chapter VP for Aerospace Education.

CyberPatriot-V State Winners Hail from North Alabama!

Northern Alabama CyberPatriot teams recently took the top three State honors in the Open and All-Service Divisions during the 5th National High School Cyber Defense competition sponsored by the Air Force Association, industry and educational partners. In addition to taking State honors, the teams below all advanced to the Semi-Finals competing against over 1,200 teams registered across the U.S. (and overseas Department of Defense schools). The Valor Division Naval Sea Cadet Corps (of Gardendale) received an all-expense paid trip to Washington DC and competed against 11 other finalist teams. They were recognized as the top Naval Cadet Corps team in the All-Service Division.

State winners in the Open Division include:

First Place: New Century Technology High School (coached by Mr. James Morse), Huntsville

Second Place: Virgil I. Grissom High School (coached by Ms. Christine Sutton), Huntsville

Third Place: New Century Technology High School (coached by Mr. David Bloom)

State winners in the All-Service Division are:

First Place: Valor Division Naval Sea Cadet Corps (coached by Mr. Kelly Jones), Gardendale

Second Place: New Century Technology/Lee High School Army ROTC (coached by Mr. Michael Coleman), Huntsville

Third Place: Pell City Civil Air Patrol Composite Squadron (coached by Ms. Jeannie Scott), Anniston

The Gardendale and Anniston teams are comprised of students from around the area, with some living two-and-a-half hours away. The Anniston team has two students from there, and one student each from the Boaz, Oneonta, and Alpine areas.

Currently in its sixth year, CyberPatriot is the premiere High School Cyber Defense competition created to inspire students toward careers in cyber security or other science, technology, engineering, and mathematics (STEM) disciplines critical to our



Members of Valor Division Naval Sea Cadet Corps of Gardendale hard at work. They took Top in the State and Top of all Naval Cadets in CyberPatriot V honors.

nation's future. It's not a hacking competition, but one in which teams compete to identify and correct vulnerabilities in multiple operating systems.

"We're extremely proud of all the teams who represented Alabama, and were not surprised to see our schools continue to do well in this competition," said Rick Driesbach, President of the Tennessee Valley Chapter of the AFA. AFA is providing special recognition to the winning schools, coaches, and individual team members. Driesbach added that there were 12 teams from the northern Alabama area in the 2012-2013 competition, and we would like even more teams to participate in the 2013-2014 competition.!



Gardendale Seeks Mentor for CP-VI

Members of the Valor Division Naval Sea Cadet Corps of Gardendale lived up to their name as they overcame the odds of not having a mentor, funding, or a coach with IT experience. However, they did have spirit. And it was that spirit that motivated one member to drive more than two-and-a-half hours to participate on the team.

According to the unit's administrative officer, the unit has signed up for next year's competition and is seeking a mentor, even if the mentoring is done via the internet.

Interested individuals may contact Mr. Kelly Jones at 205-516-0509.



Anniston Cadets Go to Extraordinary Lengths!

According to Civil Air Patrol Captain Jeannie Scott, coach of the Pell City Composite Squadron, her team went to extraordinary lengths to compete in CP-V. First, all the students are home-schooled and live in various cities. They didn't have access to a school's computer lab, but instead worked out of her home on their personal computers. Capt Scott is not an IT instructor and she only learned about cyber security by reading the modules that were published at the beginning of the competition.

Coordinating schedules was difficult, especially when three team members traveled from 45 to 65 miles to participate. But, it was well worth it since the team was ranked third in the state in the All-Service Division.

Members included Cadet Capt Brian Scott, team captain, from Anniston; C/Lt Col Peter Randolph from Boaz; C/2nd Lt Thomas Bracker from Oneonta, and C/A1C Noah Sublett, from Alpine.

Congratulations — Bravo Zulu!

Teachers Continued from Page 1

Science Department at Clemens and has been teaching for over 21 years. In her first year at Clemens, she has set the bar high, organizing a two-day "Brain Health Expo" for Clemens and other feeder high schools. As a Master Teacher with Project Lead the Way®, she directs students in the use of computers and other technologies to investigate concepts dealing with the biomedical careers and procedures associated with diagnoses and treatments for various human health conditions. Drawing from her experiences with Project Lead the Way, she has helped teach seminars at Auburn University and has worked with the staff of Hudson-Alpha Institute for Biotechnology.

Ms. McRae received her award during the May Madison City School Board Meeting. Dr. Dee Fowler, Board Superintendent, along with Clemens's Principal, Dr. Brian Clayton, shared accolades in promoting the work of Ms. McRae and the support provided by the Tennessee Valley Chapter of the AFA.

As the Chapter's Secondary Teacher of the Year, Ms. McRae received a certificate, a Chapter Coin, an AFA Book Bag, and a check for \$250. Ms. McRae expressed her gratitude to the chapter and to her students who make it all worthwhile. She truly is "Top in Class"!



Col (Ret) Russ Lewey, Chapter VP for Aerospace Education, highlighted the achievements of this year's Tennessee Valley AFA Secondary of the Teacher of the Year, Ms. Leah McCrae (Left), at the Madison City School Board meeting. In addition to a certificate, and an AFA book bag, Ms. McCrae received a check for \$250.



PHOTO AT LEFT: Brig Gen (Ret) Gary Connor (L) recently received an AFA Medal of Merit for his outstanding support of chapter activities to include organizing and emceeding the USAF Birthday celebration and the First Joint AFA-AFCEA-NDIA Luncheon from AFA Chapter 335 President Col (Ret) Rick Driesbach. General Connor has recruited a number of Community Partners and worked with enhancing area CyberPatriot participation. Congratulations, Sir!

You can follow
the Chapter's
latest activities on
Facebook

Just "like us" at
AFA TVC 335

Registration for CyberPatriot VI is now open.
For more CyberPatriot information go to
www.uscyberpatriot.org

Huntsville High School AF JROTC News

PHOTO AT RIGHT:

L to R: Lt Col (Ret) Cathy Scott (AFA Chapter 335 representative) presented the Air Force Association Medal to Cadet Major Victoria Offe-Dua, the current Corps Commander, at the Huntsville HS award ceremony on 30 Apr 13. Victoria was also recently recognized by the Sons of the American Revolution as their National Cadet of the Year!



PHOTO BELOW:

Lt Col (Ret) Cathy Scott presented the Tennessee Valley AFA Scholarship to the Huntsville High School winner, Cadet Colonel Chelsie Crosseny. Chelsie will be attending Auburn University this fall.



Congratulations
Lt Col Hollis Bagley
on your retirement from
the JR AFROTC Program!

Lt Col Bagley spent his active duty career mostly in Strategic Air Command as a B-52 pilot and served a three-year rated supplement tour as a maintenance officer (go Loggies!). He spent the last nine years of his active duty career at Edwards AFB on the B-1 Test Team and as Director of Operations of the 31st Test and Evaluation Squadron. He began teaching JR ROTC at Butler High School in 1996, and has served as the Senior Aerospace Science Instructor at Huntsville High School since 2005. God speed Lt Col Bagley and thank you for all you did!

Bob Jones High School AF JROTC News



PHOTO AT LEFT:

L to R: Lt Col (Ret) Brenda Armstrong (AFA Chapter 335 representative) presented the Air Force Association Medal to Cadet Major Joshua Monis at a Bob Jones HS award ceremony on 6 May 13.



ABOVE PHOTO:

Lt Col (Ret) Brenda Armstrong presented the Tennessee Valley AFA Scholarship to the Bob Jones HS winner, Cadet Colonel Tyler Renn. Tyler has been accepted to attend Auburn and will join its Naval ROTC program, hoping to follow in his father's footsteps with a Naval career.



ABOVE PHOTO:

Cadet Colonel Tyler Renn and his family pose with Lt Col (Ret) Armstrong.

**See Page 9 for Fascinating Article about Bob Jones HS AF JROTC
Recreating Lindbergh's Famous Flight to Paris
Written by Cadet Major Albin Dolney!**

Butler High School AF JROTC Holds Pass and Review on 1 May



PHOTO AT LEFT:

Colonel (Ret) Jay Carlson (second from left; AFA Chapter 335 representative) presented the Air Force Medal to Cadet Major Jose Marcias, Squadron Commander for Squadron 2. Cadet Major Marcias will serve as the Butler HS AFJROTC Group Commander next year.

Aerotek Becomes Newest Community Partner: A Leading Industry Recruiting and Staffing Agency

Aerotek's Huntsville location at 4910 Corporate Drive NW, Suite F/G, is the newest community partner to join the chapter's growing list.

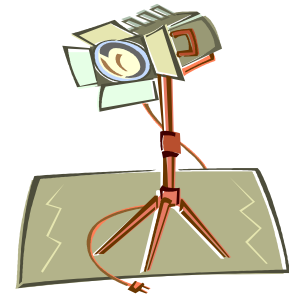
Aerotek is a leading staffing agency that matches qualified candidates with top companies worldwide. With nearly three decades in the recruiting and staffing business, Aerotek has developed the knowledge and skills to deliver the perfect fit between a candidate and an employer. Its mission is to bring great people and great organizations together, and it was named to Inavero's 2012 Best of Staffing Talent List.

Aerotek has more than 200 non-

franchised offices located across the U.S., Canada, and Europe. They service 16 industries and specialize in placing mechanics, technicians, engineering field support personnel and others in varied capacities to include light industrial, light technical, and other areas in the Huntsville area.

Aerotek is an operating company of Allegis Group ® Inc, a group of specialty service companies that provide niche staffing services throughout the U.S., Canada, and Europe.

You can contact the local office at 256-890-2700 or visit them on the web at www.aerotek.com.



Spotlight -
Community
Partners

*Support Our
Community Partners!*



Russ Lewey (L), chapter VP for Aerospace Education, poses next to our Community Partner poster with Brian Forte of Aerotek at the recent Huntsville High School AF JROTC Awards Ceremony. Mr. Forte was recognized for the role community partners play in helping fund AFA scholarships for deserving cadets.



Community Partner Lamar Advertising Congratulates Gardendale's CyberPatriot Team for taking Top in State and Top of all Naval Cadets in CyberPatriot V. They received an all-expense paid trip to Washington DC and competed against 11 other finalist teams.

Meet New and Old
Air Force Friends at 1700 hours
at the Redstone Arsenal Bowling Alley
the last Thursday of Each Month!
AFA membership not required!
POC: Terry Roop, troop@charter.net



Protect Your Benefits!
Renew Your
AFA Membership
Today!

Recent Chapter Activities

Chapter Lays Memorial Day Wreath at Maple Hill Cemetery



Guy Broadhurst (L) and Col (Ret) Jay Carlson (R) lay the AFA wreath at the 27 May 13 ceremony at Maple Hill Cemetery. It was a moving Memorial Day ceremony.



Col (Ret) Rick Driesbach (L), AFA Chapter 335 president, presents a chapter coin to former U-2 pilot Dave Hosley, who provided fascinating insights into what it's like to fly alone at 70,000 feet at the 21 March Quarterly Membership meeting held at Lockheed Martin, the developer of the U-2. Dave referred to the U-2 as a "rocket-powered glider."

To Learn How to Send a [Tax-Deductible Donation](#) for the Air Force Flag at the Veteran's Memorial,

Contact the Tennessee Valley Chapter at

President@hsv-afa.org

Support the AFA!



St. Patrick's Day Parade in Huntsville!



More Bob Jones HS AF JROTC News

Cadets Re-create Lindbergh's Famous Flight to Paris

By Cadet Capt Albin Dolney, Bob Jones High School

In May 1927, a young American pilot flew a single engine plane non-stop 3,600 miles in 33 and 1/2 hours from New York to Paris. Charles Lindbergh became an international hero and celebrity. In today's vernacular, the event immediately "went viral" and remains one of the most celebrated events in aviation history.

On Friday morning (15 Feb 13) eight AFJROTC cadets at Bob Jones High School re-created the event IN REAL TIME using computer flight simulation equipment in the AFJROTC classroom. Students were using Microsoft's Flight Simulator Century of Flight, which models the Spirit of St Louis flown by Lindbergh. In addition to learning the science, engineering, and history of the flight, they faced the same challenges of navigation, problem-solving, and fatigue that Lindbergh faced in his journey. Two of the aircraft were flown by a pair of pilots and four were flown solo by a single pilot. Pilots were allowed a five minute break every two hours, with every third break extended to ten minutes. The rules of engagement also put a 36 hour total time limit for the flight.

The flight began at 0900 from Long Island, NY. Within an hour, all six airplanes were over Cape Cod headed up the US east coast. Six hours later, the planes skirted the coast of Nova Scotia. It took another four and a half hours to reach Newfoundland, the last spot of land before the Atlantic. Over the North Atlantic, the pilots went through a nighttime period with no land references to guide them. They continued to rely on a navigation technique called dead reckoning, an adjustment of heading at regular intervals to stay on course. Twenty-seven hours into the flight, the first pilot passed over Ireland. At hour 31, it was obvious not all pilots were going to be as fortunate as Lucky Lindy.

One plane ditched in the North Atlantic, too far from



Cadets from Bob Jones High School simulated the grueling 1927 flight from New York to Paris in their AF JROTC classroom. Participating cadets included:

**C/Col Tyler Renn
C/Col Sean Motz
C/Maj Christian Weiss (Adjudicator)
C/Maj Mark Gallagher
C/Capt Albin Dolney (Coordinator)
C/2Lt Jonah Jenkins
C/MSgt Daniel Irvine
C/TSgt Andrew Smith (Organizer and pilot)
C/TSgt William Dykstra, and
C/TSgt John Dyson.**

land with too little fuel. One plane, also low on fuel, made it to Ireland and landed safely. Two planes landed successfully in England after running short of time and fuel. One plane attempted to make it over the English Channel, but fell short of France and ditched in the water. And finally, one pilot, Daniel Irvine, crossed the Channel, found the mouth of the Seine River on the French Coastline, and followed it all the way to Paris, with a successful landing, arriving in 32 hours, 39 minutes and besting Lindbergh's 33 and a half-hour time.

State Convention Slated for 27 Jul in Mobile

The 2013 Air Force Association State Convention will be held 27 Jul at the Battle House Hotel in Mobile, AL. The keynote luncheon speaker will be Lt Gen (Ret) Richard "Dick" Newton, AFA Vice Commander. Ms. Kari Hahn will also be on hand to discuss membership-related issues. Special room rates for the event have been negotiated at \$119 a night.

Current plans, which are subject to change, include an informal mixer the evening of 26 Jul, business meeting on Saturday from 0900-1500, and dinner as a group at a local restaurant Saturday evening.

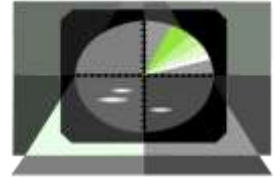
Don't miss this opportunity to mingle with other AFA'ers and represent the chapter!

Have a Safe and Fun Summer! Remember, "Safety is Paramount!"



Future Events

“ON THE RADAR”



- 20 Jun: Quarterly Chapter and Executive Council Meeting, speaker TBD
- 27 Jul: State Convention, Mobile, AL; Battle House Hotel. Guest speaker: Lt Gen (Ret) Richard “Dick” Newton III, AFA Vice Commander
- 12-15 Aug: Chapter booth at the Space and Missile Defense Symposium at the VBC.

[LOOKING FOR VOLUNTEER TO ORCHESTRATE THIS EFFORT!](#)

- 13-15 Sep: AFA National Convention in Washington DC
- 18 Sep (Tentative): Chapter Celebration of Air Force’s 66th Birthday!
- Sep/Oct Timeframe: Chapter Elections

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www.rebeccahowelldmd.com

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Want to Become a
Community Partner?

Contact
Jim Porter
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jporter@knology.net