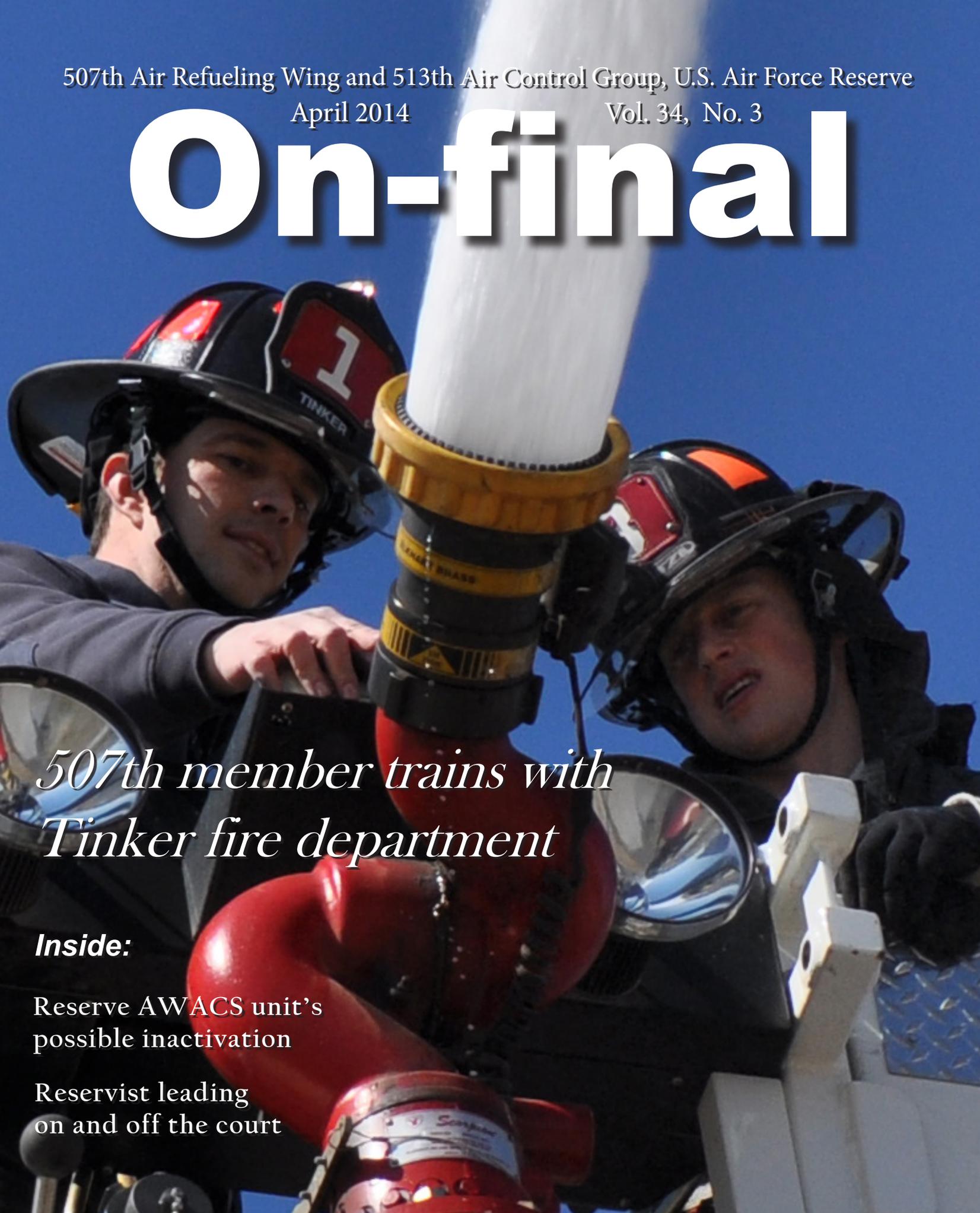


507th Air Refueling Wing and 513th Air Control Group, U.S. Air Force Reserve

April 2014

Vol. 34, No. 3

# On-final



*507th member trains with  
Tinker fire department*

**Inside:**

Reserve AWACS unit's  
possible inactivation

Reservist leading  
on and off the court



# Inside:

*Enlisted force development is the future.....4*

*AWACS unit to inactivate.....6*

*Reservist leading on and off the court.....8*

*Welding gets underway.....12*

## On-final

### Editorial Staff

Commander..... Col. Brian Davis  
 Chief, Public Affairs.....Maj. Jon Quinlan  
 Staff Writer.....Staff Sgt. Lauren Gleason  
 Staff Writer.....Staff Sgt. Charles Taylor  
 Editor, *On-final*.....Senior Airman Mark Hybers  
 513th ACG Photojournalist, Staff Sgt. Caleb Wanzer

Contents of On-final are not necessarily endorsed by or the official views of the U.S. Government, the Department of Defense, or the Department of the AF. Published by The Journal Record Publishing Company, a private firm in no way connected with the U.S. Air Force, under exclusive written contract with the 72nd Air Base Wing commander. This civilian enterprise Air Force newspaper is an authorized publication for members of the U.S. military services. Contents of the Tinker Take Off and On-final are not necessarily the official views of, or endorsed by, the U.S. Government, the Department of Defense or the Department of the Air Force.

The appearance of advertising in this publication, including inserts or supplements, does not constitute endorsement by the Department of Defense, the Department of the Air Force or The Journal Record Publishing Company of the products or services advertised.

Everything advertised in this publication shall be made available for purchase, use or patronage without regard to race, color, religion, sex, national origin, age, marital status, physical handicap, political affiliation or any other non-merit factor of the purchaser, user or patron.

The editorial content is edited, prepared, and provided by the 507th Air Refueling Wing's public affairs office, which is located at 7435 Reserve Road, Suite 4, Tinker Air Force Base, Okla., 73145-8726. All photographs are Air Force photographs unless otherwise indicated.

**Senior Airman Jaron Dowell, 507th MXS, Maintenance Flight applies safety wiring to a drain plug on the Air Cycle Machine during an hourly post flight inspection Monday March 17, 2014. The inspection performed on one of the 507th Air Refueling Wing's KC-135R Stratotankers is accomplished every 60 days. It involves servicing components on the aircraft that are not looked at during a normal preflight or thru flight inspection. (U.S. Air Force photo/Senior Airman Mark Hybers)**

Cover Photo



507th Civil Engineering Squadron's Senior Airman Ryan Swaim, right, trains with 72nd Air Base Wing Fire Department trainer Tim Ward. Swaim and Ward performed aerial training from the extended ladder on a Tinker Air Force Base firetruck. (U.S. Air Force photo/Senior Airman Mark Hybers)

# Enlisted Force Development is the Future

**Commentary by Chief Master Sgt. Stephen Brown**  
507th Air Refueling Wing Command Chief

Today's digital age has brought a huge advantage in career advancement opportunities that were not available in years past. I want all of you to know the leadership of the 507th is committed to providing you the tools necessary to succeed. My focus in writing this is to ensure all of you are fully aware of the process for acquiring Enlisted Professional Development (EPD). An enhanced education can only increase your corporate value and provide you an opportunity to set and achieve goals.

Let's start by attempting to clear the acronym game of confusion that we are all accustomed to. EPD is stated above, next is your Reserve Enlisted Development Plan (R-EDP) which is found in vPC-GR and is the initial step in this process; it is essentially a resume for your future. The Development Team (DT) is a board that evaluates your submitted R-EDP and provides vectors for your future. The Enlisted Development Education Board (EDEB) is where you apply for additional courses. The last acronym is the Key Personnel List (KPL). The KPL is utilized throughout the command by senior leadership for selection of strategic positions, career management plus EPD courses. AFRC's leadership commitment toward development of the enlisted force starts with a qualified candidate pool.

Like I stated above, the initial step is to fill out the R-EDP; you will need to describe your civilian career experience, military deployments, achievements, and your goals over the next one to five years. You will also be required to provide areas of career enhancement that you are interested in strengthening. Volunteer experience, willingness to travel to a new duty assignment, professional affiliations and certifications are also key elements of the plan.

Once you have the R-EDP filled out, you can submit for a mentors feedback followed by coordination through your chain of command. It is critical that you are in communication with your leadership throughout the process. When coordination is complete, the R-EDP will have a status of "DT ready," which means your R-EDP is now submitted.

The DTs have a four phase process of operations: planning, preparation, execution and post execution. The

DT board is to provide feedback for EPD to go with a list of "high potential" Airmen for the KPL. There are DT boards going on throughout the year as there are career field specific functional boards as well as a board for E-8s and E-9s.

In order to get selected for EPD courses, you will need to submit for them via an annual application process. Once your submittal has gone through your leadership's approval it will be forwarded to an EDEB. The EDEB selects candidates for the current advertised courses through a structured process with focus on the whole person concept, information from the R-EDP, senior rater endorsement and future needs of the Air Force.

Your number one resource is our education and training section. These professionals will help guide you through your CDCs, PME, formal education and EPD. I encourage you to take full advantage of the educational opportunities available as it will not only make you marketable for a career, it will provide the Air Force a highly trained and educated workforce. Once again, your leadership is totally committed to you and your advancement and will do everything possible to help you achieve your goals.



**Chief Master Sgt. Stephen Brown**  
507th Air Refueling Wing Command Chief

Follow @507arw  
on Twitter



"Like the 507th ARW  
on Facebook"



# Only reserve AWACS unit to inactivate if FY15 DOD budget approved

**by Maj. Jon Quinlan**  
507th Air Refueling Wing Public Affairs

**T**he 513th Air Control Group, the only reserve unit that performs the Airborne Warning and Control System mission, is slated to inactivate if the fiscal 2015 Department of Defense budget is enacted into law.

Air Force Reserve Command's 513th ACG is currently partnered with the active duty 552nd Air Control Wing in a classic association. The

to make tough choices in an extremely difficult fiscal environment. The proposed inactivation of the 513th is part of these tough choices," said Col. David Robertson, 513th ACG commander.

The possible inactivation of the 513th means the AWACS mission will continue solely with the active duty force flying all of the required missions.

"There are 345 citizen Airmen in our unit who support and operate the E-3 AWACS. These citizen Airmen have extended America's global

Robertson said. "Until the proposal is enacted into law, we will continue to perform our command and control mission while staying committed and focused on the future of our Airmen."

An annual local economic impact summary, produced by the 507th Air Refueling Wing financial management office, shows that Oklahoma may feel an impact if the unit inactivates--although that impact may be lessened by increases in other units or missions. According to figures in the fiscal 2013 estimated economic impact summary, the total annual economic impact of the 513th ACG to Oklahoma was \$32,901,438.

That figure included a payroll of \$17,807,519, local annual expenditures at \$1,108,623 and dollar value of jobs created at \$13,985,296.

"The 513th ACG has played a critical role in the defense of our nation serving in nearly all major operations since our inception in 1996," Col. Robertson said.

Over the years, the unit provided air battle management for Operation Northern and Southern Watch, Operation Iraqi and Enduring Freedom, Operation Noble Eagle, Operation New Dawn, Air Defense of the Arabian Gulf, counter-drug operations in South America and Presidential Travel Support. The unit returned from their last major deployment to Southwest Asia in November 2012 supporting airborne command and control for Operation Enduring Freedom over Afghanistan.

Speaking to members of his unit, Col. Robertson spoke about the importance of taking care of each other.

*See AWACS on page 7*



**The 513th Air Control Group, the only reserve unit that performs the Airborne Warning and Control System mission, is slated to inactivate if the fiscal 2015 Department of Defense budget is enacted into law. In this photo an E-3 AWACS operated by aircrews from the 970th Airborne Warning and Control Squadron launch in support of a local training flight here in August. (U.S. Air Force photo/Senior Airman Mark Hybers)**

active duty unit maintains control of the aircraft while reservists from the 513th ACG provide qualified crews and personnel to fly and maintain the aircraft.

"We understand the Air Force has

power worldwide for over 15 years. Most of them work and live in the local Oklahoma communities and have for most of their career. Most consider themselves adoptive Oklahomans and truly care for their communities." Col.

# Congress reviews Air Force Budget Plans

by Lt Col Kim Ponders

*Air Force Reserve Public Affairs*

WASHINGTON -- Senior Air Force leaders were on Capitol Hill to testify and answer questions about funding priorities and fleet reductions announced in early March as part of the FY15 Air Force budget request.

Sen. Dick Durbin (D-Ill.) and Sen. Thad Cochran (R-Miss.) led the hearing at the Senate Appropriations



Gen. James "JJ" Jackson, Chief, Air Force Reserve testifies on the Air Force posture for fiscal year 2015 before the Senate Appropriations Committee on Defense, in Washington, D.C., April 2, 2014. (U.S. Air Force photo/Scott M. Ash)

Subcommittee on Defense. They questioned Air Force and Reserve Component leaders about modernization strategies, divestment, and unit relocation plans in light of the \$109.3 billion FY15 Air Force budget request.

Secretary of the Air Force Debo-

rah Lee James began the testimony, praising the "superb total force teamwork" she's seen in her first months on the job. She cited the "challenging times" of today's fiscal environment and stressed that there will be "more reliance on the Guard and Reserve as we go forward."

The FY15 Air Force budget request, which meets funding levels laid out in the Bipartisan Budget Act, would cut the A-10 Thunderbolt II and U-2 fleets in order to continue the Air Force's top recapitalization priorities: the KC-46A Pegasus, F-35A Lightning II and the Long Range Strike Bomber.

James said that a balance must be struck between achieving a "ready force today versus a modern force tomorrow." She added that a return to sequestration levels would force the retirement of 80 aircraft, including the KC-10 tanker fleet.

"It would be very bad," she said.

Air Force Chief of Staff General Mark A. Welsh III addressed concerns about the A-10 divestment, stating that in the bigger picture, it made sense for other multi-role fighters to absorb the close air support mission.

"It's about balance," he said.

"There are no easy choices left."

Lt. Gen. James F. Jackson, Chief of Air Force Reserve, took questions about the movement of 10 C-130J aircraft from Keesler AFB, Miss. to Little Rock AFB, Ark. He explained that moving the Reserve's C-130J squadron to Little Rock, with the two active duty squadrons and schoolhouse, would allow the Reserve to maintain its current capability while decreasing costs.

James also praised the National

*"The notion of disestablishing Air Force Reserve Command and inactivating the Numbered Air Forces, wings, groups and squadrons would, in my opinion, undo six decades of lessons learned and result in an unsustainable Air Force Reserve."*

~Lt. Gen. James F. Jackson

Commission on the Structure of the Air Force for its recommendations, citing only "a couple of areas of disagreement."

In his written statement, Jackson also praised the report but addressed concerns about two recommendations to disestablish Air Force Reserve Command and eliminate its organizational structure.

He stated, "The notion of disestablishing Air Force Reserve Command and inactivating the Numbered Air Forces, wings, groups and squadrons would, in my opinion, undo six decades of lessons learned and result in an unsustainable Air Force Reserve."

He stressed the importance of professional force development in growing leaders for the Air Force, adding that the commission's recommendation "would eliminate leadership pathways to develop our Citizen Airmen, especially for our Air Reserve Technicians and Traditional Reservists."

He touted the Reserve's retention rate--close to 90 percent over the past seven years--and highlighted the Reserve's unique ability to attract "Airmen for Life."

AWACS from page 7

"You all are my number one priority. My pledge to you will be as open and honest as possible. We will get you information as soon as we get it," the colonel said. "Our priority is minimizing the impact of these proposed changes to you and your families."

Senior Reserve Command leadership has highlighted their commitment to all reservists impacted as well.

"We are committed to helping reservists through this transition to ensure the maximum number of reservists can continue to serve," Lt. Gen. James F. Jackson, AFRC commander said. "The Air Force Reserve will operate a clearinghouse to assist affected reservists in finding new assignments, and will pay reloca-

tion expenses for individuals eligible within the Air Force parameters. The command recognizes the valuable contributions of our personnel and is in the process of developing an initiative that will inform and educate the workforce."

AFRC has a variety of programs available to employees and their families. AFRC has established a Straight Talk page on its website, <http://www.afrc.af.mil/library/str8talk/index.asp>, to provide information, resources and links to help reservists affected by force structure adjustments, sequestration and furloughs. Additionally, the Wingman Toolkit (<http://afrc.wingmantoolkit.org/>) is intended to help Reservists help themselves and each other in times of stress.

The 513 ACG activated in March of 1996 to augment the active duty

force in providing theater airborne surveillance, warning and control of U.S. and allied military aviation aircraft. The 513th ACG's subordinate units include the 970th Airborne Air Control Squadron, 513th Operations Support Squadron, 513th Maintenance Squadron, and the 513th Aircraft Maintenance Squadron.

Additionally, if enacted into law Air Combat Command's active duty unit, the 552nd ACW, could lose seven E-3 "Sentry" AWACS aircraft.



For more budget and force structure news click on the graphic above and search the left column of the 507 ARW homepage



## Chaplain's Corner



by Chaplain (Capt.) Keith Rogers

When the going gets tough sometimes people quit. This urge is almost always prompted by disappointment or failure in some capacity, and looking for an easy way out seems to be the solution. This desire to stop whatever endeavor is very often regretted if acted upon. The Biblical account of Jacob and Esau is a good reminder that during hard times giving up and taking the easy route is often a poor choice. Esau, being the first born of his family, was entitled to inherit everything his family had accumulated. He would also become to head of the family making him both wealthy and powerful.

"29 When Jacob had cooked stew,

Esau came in from the field and he was famished; 30 and Esau said to Jacob, "Please let me have a swallow of that red stuff there, for I am famished." 31 But Jacob said, "First sell me your birthright." 32 Esau said, "Behold, I am about to die; so of what use then is the birthright to me?" 33 And Jacob said, "First swear to me"; so he swore to him, and sold his birthright to Jacob. 34 Then Jacob gave Esau bread and lentil stew; and he ate and drank, and rose and went on his way. Thus Esau despised his birthright." **Genesis 25:29-34.**

Many of us may think that we would never make such a blunder in life and for our own sake I hope we are right. As a TR, I am often reminded that life can be busy and full of activities that sometimes we want to give up something. In certain

cases reducing activity may be just the ticket. However if a decision is made rashly we may end up like Esau. We may give up a great blessing to relieve a momentary discomfort.

What is the lesson the here? Resiliency and contemplation! When you come to a place where life is hard and you choose the easy route or quick-fix, but fail to count the cost, you may pay a very high price. Esau lost his right to lead his family and all that came with the position by allowing a temporary discomfort to rule him. Therefore take a step back and count the cost before you make a choice you will regret.

**Air Force Reserve  
Recruiting Team**

For information give us a call or click on the photo to send an email (web version only).



SMSgt Kenneth Toon  
Flight Chief  
Tinker AFB, OK  
Office (405) 734-5331  
Cell (405) 409-4784

SMSgt Jennifer Tucker  
Assistant Flight Chief  
Wichita, KS  
Cell (316) 295-7060



SSgt David Barber  
Enlisted Accessions  
Wichita, KS  
Cell (316) 295-7479

MSgt Craig Cloward  
Lead/In-Service Recruiter  
Tinker AFB, OK  
Office (405) 739-2980  
Cell (405) 409-5170



TSgt Colin McDonald  
Line Recruiter  
Moore, OK  
Cell (405) 409-6943

TSgt Cole Chamberlain  
Enlisted/ISR  
Altus AFB, OK/Sheppard AFB, TX  
Office (580) 481-5123/(940) 676-3382  
Cell (580) 481-8237



SSgt Matt Quackenbush  
Enlisted Accessions  
Midwest City, OK  
Cell (405) 409-5811

TSgt Brian Mobley  
In-Service Recruiter  
Wichita, KS  
Office (316) 759-3766  
Cell (316) 295-7864



MSgt Stewart Frazier  
Enlisted Accessions  
Moore, OK  
Cell (405) 409-6311

Wing Feature

**Reservist Leads On and Off the Court**

by Staff Sgt. Charles Taylor  
507th Air Refueling Wing Public Affairs

According to Webster’s Dictionary, a coach is a person who teaches and trains an athlete or performer. What’s not included in this definition is having the ability to lead and getting people to believe in what’s being taught.

The ability to lead and get his players’ buy-in has helped make Tech. Sgt. Jonathan Morgan, 507th Logistics Readiness Squadron a successful coach of the Tinker Air Force Base varsity basketball team for three seasons. He led the team, nicknamed the “Hawks,” to the best record in the Central United States Military Basketball Conference, which has eight teams, during the course of the 2013-14 campaign.

When the possibility of deployments and other outside factors are thrown on top of normal coaching duties, the task of building a cohesive and successful unit becomes almost daunting. Even with all of those factors, it’s a challenge Morgan welcomes with open arms.

“It’s not like a college team, where everyone is bound to have to come and play. It’s a volunteer team,” Morgan said. “From week to week, you don’t know who’s going to be able to make it. Home games are pretty much a lock; individuals can make those games, but when you on the road and you have guys who are deployed or have to work the week-

end shift, it makes it pretty challenging.”

On average, the team travels to road games with between six and eight players, with 10 being the most. This is tough considering 15 players can be on the roster. Instead of having a normal lineup, there are times where Morgan has had to go with lineups that aren’t as conventional. Even with the short numbers, the head coach has still managed to lead the team to victories. “If we do have 15 guys on the bench, it’s going to be a long day for somebody,” he said.

There are a lot of things Morgan likes about coaching, but watching players grow is his favorite part. He likes being able to teach a player who has talent, but maybe not all the fundamentals of the game of basketball.

“For me, winning championships is nice, but watching players develop and improve from year to year, that’s probably the most rewarding thing,” he said.

Morgan has been associated with the sport since his days as a youth,

See Basketball on page 10

**Let us know what’s  
going on in your shop.  
Call the  
Public Affairs Office at  
734-3078**

Wing News

**Safety  
is not by chance**

**Thunderstorms and lightning**

Courtesy Ready.gov

All thunderstorms are dangerous. Every thunderstorm produces lightning. While lightning fatalities have decreased over the past 30 years, lightning continues to be one of the top three storm-related killers in the United States. In 2010 there were 29 fatalities and 182 injuries from lightning. Although most lightning victims survive, people struck by lightning often report a variety of long-term, debilitating symptoms.

Other associated dangers of thunderstorms include tornadoes, strong winds, hail and flash flooding. Flash flooding is responsible for more fatalities – more than 140 annually – than any other thunderstorm-associated hazard. Dry thunderstorms that do not produce rain that reaches the ground are most prevalent in the western United States. Falling raindrops evaporate, but lightning can still reach the ground and can start wildfires.

**Before the storm**

To prepare for a thunderstorm, you should do the following:

- To begin preparing, you should build an emergency kit and make a family communications plan.
- Remove dead or rotting trees and branches that could fall and cause injury or damage during a severe

thunderstorm.

•Remember the 30/30 Lightning Safety Rule: Go indoors if, after seeing lightning, you cannot count to 30 before hearing thunder. Stay indoors for 30 minutes after hearing the last clap of thunder.

•Get inside a home, building, or hard top automobile (not a convertible). Although you may be injured if lightning strikes your car, you are much safer inside a vehicle than outside.

•Remember, rubber-soled shoes and rubber tires provide NO protection from lightning. •Unplug any electronic equipment well before the storm arrives.

**During the storm**

If thunderstorm and lightning are occurring in your area, you should:

- Use your battery-operated NOAA Weather Radio for updates from local officials.
- Avoid contact with corded phones and devices including those plugged into electric for recharging. Cordless and wireless phones not connected to wall outlets are OK to use.
- Unplug appliances and other electrical items such as computers and turn off air conditioners. Power surges from lightning can cause serious damage.
- Avoid contact with plumbing.

Do not wash your hands, do not take a shower, do not wash dishes, and do not do laundry. Plumbing and bathroom fixtures can conduct electricity.

•Stay away from windows and doors, and stay off porches.

•Do not lie on concrete floors and do not lean against concrete walls.

•Avoid natural lightning rods such as a tall, isolated tree in an open area.

•Avoid hilltops, open fields, the beach or a boat on the water.

•Take shelter in a sturdy building.

Avoid isolated sheds or other small structures in open areas.

•Avoid contact with anything metal—tractors, farm equipment, motorcycles, golf carts, golf clubs, and bicycles.

•If you are driving, try to safely exit the roadway and park. Stay in the vehicle and turn on the emergency flashers until the heavy rain ends. Avoid touching metal or other surfaces that conduct electricity in and outside the vehicle.

**After the storm**

If lightning strikes you or someone you know, call 9-1-1 for medical assistance as soon as possible. The following are things you should check when you attempt to give aid to a victim of lightning:

- Breathing - if breathing has stopped, begin mouth-to-mouth resuscitation.
- Heartbeat - if the heart has stopped, administer CPR.
- Pulse - if the victim has a pulse and is breathing, look for other possible injuries. Check for burns where the lightning entered and left the body. Also be alert for nervous system damage, broken bones and loss of hearing and eyesight.

## Around the Wing

*Basketball from page 8*

and his love for it has never wavered. Through the years his basketball experiences have helped him as a coach, which is something he never thought he would do.

“As an observer on the floor, I see things they (the players) won’t see,” he said. “You don’t have to work as hard physically if you can outthink the person in front of you. Coaching helps me stay involved in the game.”

Coaching has also had a positive impact on other areas of Morgan’s life. It has helped him develop patience and better understanding in terms of relating to different types of people.

“A lot of times, people think one size fits all; if you come out and do a bunch of yelling, guys will respond and do what you want them to do,” he said. “You have to understand a person’s temperament to know how to motivate them.”

Being a traditional reservist and coaching an active duty team has its difficulties, and Morgan has seen both the pros and cons. One thing that has been consistent is the support he has received from the people appointed over him.

“I thank Lt. Col. Trina Hood and Maj. Dennis Sivert (current and former LRS commanders), who are very understanding. They’ve allowed me the flexibility to coach this team.”

Morgan also wants people in the reserves to know they are still looking for people to try out for the team.

“We have a good team, a solid nucleus, and every year we have tryouts at the end of August,” he said. “I know there are a lot of guys who want to try out, but they don’t know about the team until the season is in full swing. It’s a good program and we want people to know who we are and that we do exist.”



Technical Sergeant Jonathan Morgan, center row left, poses with the Hawks shortly after winning the Central U.S. Military Conference Championship tournament, a feat never before pulled off by a team from Tinker Air Force Base team. The Hawks represent the conference at the Department of Defense National Championship tournament at Lackland AFB, a tournament in which they won second place last year. (Courtesy Photo)

### April 2014 Promotions: Congratulations to the following 507th Air Refueling Wing members

#### To Airman 1st Class:

AMN ROBERTS, CHRISTY M. A1C 72  
APS  
AMN SPELLINS, CRISTIAN T. A1C 507  
CES



#### To Senior Airman:

A1C DIRKS, IESHA S. SRA 72 APS  
A1C NIMAKOH-BOADU, RICHARD SRA  
507 MXG  
A1C WATKINS, MADISON P. SRA 507  
CES



#### To Staff Sergeant:

SRA BELL, HEATHER SSG 507 LRS



#### To Technical Sergeant:

SSG GREEN, GREGORY E. TSG 507 MXS  
SSG VANTREESE, BRIDGET TSG 72 APS



#### To Master Sergeant:

TSG BENTLEY, MARCUS MSG 507 MXS  
TSG SHOUSE, WAYNE J. MSG 72 APS  
TSG STRAWN, ERIK MSG 507 MXG



#### To Senior Master Sergeant:

MSG THOMAS, JENNIFER M. SMS  
507 FSS  
MSG WAGNER, GARY N. SMS 507 MXS



## Reserve News

### Headquarters staff embraces ARCNet to improve efficiency

by Senior Airman Mark Hybers  
507th Air Refueling Wing Public Affairs

In an effort to streamline training, readiness and duty status, the 507th Air Refueling Wing headquarters staff is making the push to bring these processes into one central location known as Air Reserve Component Network.

ARCNet is a web-based IT platform that can be used to integrate many online services currently used in a reservist’s day-to-day life. It’s not new to the reserves, or the 507th ARW; however, it has not been widely adopted as a “one stop shop” as of yet.

“ARCNet streamlines coordination and integrates critical programs, improving visibility for members, supervisors and program managers,” said Maj. Cody Whittington, 507th Air Refueling Wing executive officer. “Ultimately this is a force multiplier by bringing all these systems into a centralized location which improves efficiency for the wing.”

The program is accessible from Air Force networked computers as well as any internet connected computer assuming CAC reader hardware and middleware are installed. Since reservists spend a large portion of their month away from their operational military environment, the ability to coordinate reserve duty and information from almost anywhere is essential.

“ARCNet provides a tracking program to work alongside important programs such as AROWS/R and UTAPS,” said Senior Airman Matthew Gregory, 507th Command Post and ARCNet subject matter expert. “Having the ability to use one pro-



U.S. Air Force graphic illustration/Senior Airman Mark Hybers

gram to request annual tour days or request a reschedule of a unit training assembly period and notify your chain of command with the push of one button will help members who are balancing their personal and military lives.”

Gregory is currently training the headquarters staff on proper usage of ARCNet and says members need to log into the system to become familiar with the layout and all of the programs currently tied into it.

“We will give cursory training on an individual basis,” he said. “Supervisors will receive more in depth training.”

Whittington said the program will also automatically populate important data for members.

“Once all past data, such as annual tour orders has been updated in the system, ARCNet automatically tracks the information and allows the member to see exactly how many annual tour days they have completed

and how many they have left to fulfill their requirement,” Maj. Whittington said.

He went on to say that history is tracked within the program thereby letting members and supervisors know who has seen and processed information.

“In all, time is saved which allows everyone to focus on other critical tasks, making us a faster more efficient force,” Whittington said.

For questions or to schedule training contact Senior Airman Matthew Gregory at 734-6379 or email at matthew.gregory.7@us.af.mil.

**DID YOU KNOW?**  
On-final factoid -

*Final: In the final portion of a landing approach you’re “on final”*

*Taken from:  
H.P. “Viking” Lillebo’s Annotated  
Guide To NAVY PILOTS’ LINGO*

## Around the Wing

# Welding on maintenance stands gets underway

by Senior Airman Mark Hybers  
507th Air Refueling Wing Public Affairs

Senior Airman Allan Smith, 507th Metal Technologies Shop works on the front cross member of a safety gate for an aerospace ground equipment B-4 stand. A time compliance technical order was issued mandating safety gates be added to the AGE B-4 and B-5 stands. Welding on the 12, B-4 and 5, B-5 stands began recently

with a completion time expected to be 270 days.

Smith is using a gas tungsten arc welding setup. The arc is caused by the passing of electrons from the torch head, known as the tungsten, to the base metal being welded.

There are two types of currents. The one used here is the Direct Current, which means the current only flows in one direction. When work-

ing with steel, titanium, cobalt etc., Allan uses the DC Electrode Negative which means the current flows from the torch to the metal.

The process of welding these safety gates involves heating the base metal bars until it forms a liquid puddle. Allan then dips a metal filler rod into the puddle causing the filler rod to melt, ultimately forming a bond between the two base metals.

Senior Airman Allan Smith, 507th Metal Technologies Shop hunches over, getting close to the action as he works on the front cross member of a safety gate for an aerospace ground equipment B-4 stand. A time compliance technical order was issued mandating safety gates be added to the AGE B-4 and B-5 stands. (U.S. Air Force photo/ Senior Airman Mark Hybers)



Senior Airman Allan Smith, 507th Metal Technologies Shop works on the front cross member of a safety gate for an aerospace ground equipment B-4 stand. Welding on the 12, B-4 and 5, B-5 stands began recently with a completion time expected to be 270 days. (U.S. Air Force photo/Senior Airman Mark Hybers)





Senior Airman Michael Hall II, 137th Oklahoma Air National Guard Air Refueling Wing Maintenance Squadron, seals a panel during an Hourly Post Flight inspection Monday March 17, 2014. The inspection performed on one of the 507th Air Refueling Wing's KC-135R Stratotankers is accomplished every 60 days. It involves servicing components on the aircraft that are not looked at during a normal preflight or thru flight inspection. (U.S. Air Force photo/Senior Airman Mark Hybers)