VKF modernization program reaches a milestone

Wind tunnel ready to pave the way for next-generation flight simulation testing

Air Force Test Center commander is promoted

Air Force Test Center Commander, has his wife Caronie and his fa-

father Arnie Sr. pin on his major general rank of two stars during his promotion ceremony Aug.

21. Bunch was formally promoted to major general after being tracked to the rank in April. The
ceremony was attended by family and friends along with Airmen, civilians and contractors of
Team Edwards. (U.S. Air Force photo by Rebecca Ambery)
See full story on page 3.

ATA awards vocational technology scholarships to personnel’s dependents

ATA focused on Science, Technology, Engineering and Mathematics (STEM) is opening new doors for ATA personnel’s dependents by awarding scholar-
ships in a different education area – vocational technology. ATA awarded three ATA Vo-
cational Technology Scholarships with a maximum value totaling $6,000 to Collin Beas-
ters, Justin Gault and Matt Mc-
Adams. Each student received $2,000, and will receive $1,000 next year if they maintain a 3.0 GPA and meet dis-
cipline requirements.

Frankie Beavers, an em-
ployee in the ATA Test Assets and Support Division and Col-
in’s father, said, “I would like to thank ATA for the Scholarship. The opportunity for such reward is greatly appreciated.”

Colten is enrolled at the Ten-
ssee College of Applied Tech-
tonometry (TCTA) in Sharpsville and plans to study Industrial Maintenance, as well as Justin, be-
ninning this month.

Justin’s mother, Sonia Gault, is an employee in the ATA In-
formation Technology and Systems Division. She also expressed her appreciation for ATA awarding Justin a scholar-
ship.

See SCHOLARSHIPS, page 7

In This Issue....

ATA makes donation to Tullahoma High School

Page 2

September is National Preparedness Month

Page 3

Joe Bly: Aerial Testing Alliance outside machinist, makes an adjustment to the Ares I first stage booster model in the center’s von Karman Facility’s Tunnel B prior to the resumption of heat transfer testing. (ATA photo)

Air Force Test Center Commander, has his wife Caronie and his fa-

father Arnie Sr. pin on his major general rank of two stars during his promotion ceremony Aug.

21. Bunch was formally promoted to major general after being tracked to the rank in April. The
ceremony was attended by family and friends along with Airmen, civilians and contractors of
Team Edwards. (U.S. Air Force photo by Rebecca Ambery)
See full story on page 3.

ATA makes donation to Tullahoma High School

Page 2

September is National Preparedness Month

Page 3

In This Issue....

ATA makes donation to Tullahoma High School

Page 2

September is National Preparedness Month

Page 3

In This Issue....

ATA makes donation to Tullahoma High School

Page 2

September is National Preparedness Month

Page 3
This September – You Can be the Hero
High Mach

Col. Ronald Toth
Commander
8th Air Force, Public Affairs

www.arnold.af.mil
(931) 454-5655

Aerospace Testing Alliance

High Mach Staff:
Kathy Gatta, ATA Public Affairs Manager & Editorial Assistant
Rachel Mash, Editor

High Mach is published bi-monthly. The High Mach team draws on connected with the aerospace community. We are the Aerospace Testing Alliance (ATA) and the U.S. Air Force’s Arnold Engineering Development Complex (AEDC), under exclusive written contract with ATA, complex sponsored by the U.S. Air Force Materiel Command’s AEDC. Arnold AFB, Tullahoma, TN 37389.

High Mach is hosted at 190 Ishi Hotsu Blvd, Suite 122, Arnold AFB, TN 37389. High Mach is owned and prepared by ATA, for public distribution. Deadline for copy is 10 working days before the week publication. Content is not subject to any further approval after publication.

For advertising information, call (931) 454-4585.

For general information about High Mach, call (931) 454-0550 or visit www.arnold.af.mil.

The complex’s vision: "The nation’s trust, value, and stewardship in everything we do for our customer."

There are many ways to get involved in the Air Force, now You can be the Hero.

By Lt. Col. David Fassbender

AEDC Public Affairs

Joint BASE LEWIS-MCDON-

MURDOCK, Wash.

General Manager, AEDC

September National Preparedness Month

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!

This September – You Can be the Hero!
ATA receives certificate of ISO 9001:2008 Recertification

By Raquel March
ATA Public Affairs

ATA was recently certified by the American Society for Quality (ASQ) for maintaining ISO 9001:2008 compliance after an audit performed by external registrars Det Norske Veritas (DNV) for the third consecutive year.

The audit received the DNS Business Assurance Management System Certificate that ATA has been found to satisfy the requirements of the Management System Standard. The certificate states that "the certificate is valid for the scope of operations and process ranges: "The Development of Schlieren Test Aerospace Applications."

"Receiving the ISO 9001:2008 Standard means that the ATA Management System has been proven inherent value ever since the company started improving and organizing for performance for operating and maintaining AEDC," said Lynn Phipps, ATA quality manager and management system branch manager. "Also, being ISO certified is a requirement to provide test and development services for some of AEDC’s commercial customers.

ISO 9001:2008’s strategies reduce costs and errors in engineering, increasing productivity and also promote enhanced customer satisfaction. The audit, performed by DNV, assessed the effectiveness of AEDC’s system and policies like systems for improvement and maintaining our customers. An audit resulted in a management system for the U.S. Air Force Test Pilot School."
By Raquel March
ATA Public Affairs

AEDC focuses on the human elements of maintenance and reliability

AEDC professionals and engineers attended workshops and a luncheon and learn sponsored by the Society for Maintenance and Reliability Professionals (SMRP), Middle Tennessee Chapter and ATA. The events focused on factors often considered in maintenance and reliability such as the people.

Speaker Terrence O’Hanlon, publisher of Reliabilityweb.com and Uptime Magazine and the executive director of the Association for Maintenance and Reliability Professionals (AMRP), engaged engineering and technical professionals to consider three things in his presentation in their pursuit of Maintenance and Reliability.

O’Hanlon said that often Maintenance and Reliability focuses on the mechanical elements of a corporation instead of the people that control the mechanical elements. He began his presentation with a way to incorporate people into the reliability process.

Due to a previous decision, O’Hanlon was forced to take a leave from his leadership role while personnel at his company began to temporarily lead themselves. Upon his return to lead the company, he found that the personnel didn’t want him to lead but instead wanted to lead themselves. The personnel, however, did express that they wanted his overall leadership for the company.

“They said they wanted to do it (lead themselves) and I said ‘you don’t know anything about reliability and so we began to develop a system so they could do it’,” O’Hanlon said.


Part of his presentation focused on embedding leadership and culture. Personnel should be trained in elements that keep the mission on track because reliability or maintenance decisions may be influenced by what upper level management believes is critical to the mission’s operation.

“Prior to the training and learn session, several workshops were held at AEDC in which Air Force and ATA systems, project management engineers and managers were in attendance for the first day’s session,” said Rameah Gutier, in the ATA Test Assets and Support Division.

“The second day’s session was presented to AEDC asset owners and capital investment project managers.

“We try to bring the best speakers from the industry to educate our AEDC folks in industry best practices, two to five times a year. In addition, it gives us an opportunity to network with our industrial neighbors in this area to share our experiences and lessons learned.”

O’Hanlon’s visit concluded with a third and final session at UTBS and a Lunch and Learn. More than 90 people, including those from AEDC, Nissan, Honda, Condition Monitoring and Reliability Solutions, were in attendance.

“I think the speaker provided an overview of what’s happening in the reliability and asset management area,” Moran said.

He also provided his views on how to deal with what’s important in the reliability culture, integrity and safety.

SMRP is a nonprofit professional society formed by practitioners, with a mission to serve leaders in advancing Reliability and Physical Asset Management. SMRP provides value for individual practitioners as well as companies practicing and sustaining Maintenance and Reliability best practices.
By Lt. j.g. Lisa Lill
33rd Fighter Wing Public Affairs

EGLIN AIR FORCE BASE, Fla. (AFNS) — After months of preparation, the weapons troop standardization load crew, or SLC, from the 33rd Maintenance Group performed the first munitions load verification on the F-35A Lightning II here Aug. 27.

"Over the next couple of days, our 33d Fighter Wing maintenance professionals, alongside representatives from the F-35 Program Office and Air Combat Command, will validate weapons loading procedures. This involves loading and unloading laser-guided and GPS-guided bombs, and air-to-air missiles into the weapons bays of the aircraft and ensuring the instructions we provide our load crews are accurate and effective - one more step towards F-35 initial war fighting capability," explained Lt. Col. Ron Huzzard, the deputy commander of the 33rd MXG. The SLC has been practicing this load verification using a series of tabletop exercises for several months. This marked the first hands-on load verification for the crew.

"Watching our weapons troops verify loading procedures was like getting a glimpse into the future. Ultimately, this will be the work that is performed down range when it counts, and we are laying that foundation here at Eglin," said Navy Capt. Lance Massey II, the commander of the 33rd MXG.

"The stealth capability on the F-35 is beyond incredible, but the weapons capability rounds out the whole purpose of the joint strike fighter.

The procedure was overseen by Chief Master Sgt. Christopher Wilbur, the wing weapons manager at the 33rd MXG.

"The Airmen walked through the technical instructions to verify the data is accurate and make adjustments as necessary," Wilbur said about the verification load exercise.

The three-person SLC included Master Sgt. Karen Griffin, Tech. Sgt. Russell Fontaine and Staff Sgt. Steven Dash. Working as a cohesive team, the trio carefully performed several iterations of loading and unloading four different munitions. Once the procedures are verified SLC members will train the weapon troops.

"Getting this step verified in ALIS (the automated logistics information system) for the F-35A is important, so we can move forward and get our 60-plus maintainers trained and working," Griffin said.
**SCHOLARSHIPS**

From page 1

**TYNDALL AIR FORCE BASE, Fla. —** With a higher demand for experts trained in 5th generation F-22 Raptor pilots and less budget and resources, members of the 43rd Fighter Squadron and 43rd Aircraft Maintenance Unit formed a training mission to mirror possible real-world situations without sacrificing quality to the students or combat commanders.

“I am proud of our Tyndall Airmen for the plan they have developed to accomplish this mission,” said Lt. Col. Travis Koch, 43rd FS commander. “Even in tough fiscal times, we are able to pool our resources, maximize our training opportunities and get the job done.”

Team Tyndall personnel will travel to Naval Air Station Joint Reserve Base New Orleans with the purpose of maximizing flying and air combat training for six F-22 students in late August. The training mission will accomplish 40 syllabus items in eight days, which place students ahead of their proposed timeline and send new F-22 pilots to their operational units on time.

The 325th Fighter Wing trains and projects unrivaled combat power by providing F-22 pilots to the combat air force. The Air Force requires 38 F-22 Basic-Course graduates in 2013 and 2014.

This requirement presented a resource challenge to the 43rd FS and the 43rd AMU.

Normally, during the students’ final air combat tactics phase of training, the required adversary support are brought to Tyndall. This support maximizes near real-world training versus four-generation student pilots in a timely manner. However, with budget constraints, finding a flying adversary capable of training F-22 students for the combat air force is more and more difficult.

Team Tyndall will now travel to those training support assets.

“In our austere fiscal environment, resources to accomplish our mission have dwindled. In order to achieve success, we created a great plan to give the best training while being good stewards of our assets. This model ensures the Air Force will receive the best trained pilots on time,” said Maj. John Henze, 43rd FS assistant director of operations.

To graduate students on time, the squadron renders 240 Raptor direct support adversary training flights, which is 160 flights short of Tyndall’s self-support capability. Pilots and maintainers developed this mission to make up the difference.

The plan takes eight F-22s and 124 personnel to JRB New Orleans to accomplish the mission.

The trip offers the ability to train with the New Orleans Air National Guard F-15C Eagles and U.S. Navy F-18s Hornet creating a joint environment realistic to today’s battlefield. Montgomery Air National Guard F-16s Fighting Falcon and Eglin Air Force Base’s F-15C, F-16 and F-35 Lightning aircraft will fly in both advisory and ally roles. In addition, a dedicated air refueling tanker will further maximize flying training.

“The ability for us to accomplish our objectives of graduating capable F-22 on-time pilots is a direct reflection of the teamwork and commitment by everyone in the 325th Fighter Wing,” said Maj. Bill Ceeved, the 43rd FS operations officer.
Tinker ramps up repair of fighter’s F119 engines

By Mike Ray

TINKER AIR FORCE BASE, Okla. – The 76th Propulsion Maintenance Group is amplifying its F119 jet engine repair capabilities.

“We are ramping up repairs of the F119 modules, and more parts will be routed to the component repair cells,” F119 Program Manager Brian Thompson said recently.

The F119 propels the F-22 Raptor; the fighter is powered by dual F119 turbofan jet engines. The F-22 entered service in the Air Force eight years ago.

The Raptor’s engines are scheduled for programmed depot maintenance upon reaching 4,325 total accumulated cycles, Mr. Thompson said. (A cycle spans the period from when the throttle is shifted from down to full military power and back down again.) Raptor engines have begun reaching the TAC threshold, he said.

The first F119 engine sent to Tinker was completed last December, the Oklahoma City Air Logistics Complex received two of the engines this year and expects two more before the year is out, Mr. Thompson said. PDM takes 13 to 14 months to complete, he said. This includes total teardown of the modules and their various components.

The F119 has five modules—fan, gearbox, core, low-pressure turbine, and nozzle—that are disassembled and repaired here. The modules, in turn, have 405 components, Mr. Thompson said. “We route these to our back shops or elsewhere for repairs.”

Some of the component repair work is proprietary and, consequently, is performed by the engine manufacturer, Pratt & Whitney, or by some particular contractor.

PDM takes 13 to 14 months to complete, he said. This includes total teardown of the modules and their various components.

The F119 has five modules—fan, gearbox, core, low-pressure turbine, and nozzle—that are disassembled and repaired here. The modules, in turn, have 405 components, Mr. Thompson said. “We route these to our back shops or elsewhere for repairs.”

Some of the component repair work is proprietary and, consequently, is performed by the engine manufacturer, Pratt & Whitney, or by some particular contractor.

F119 workload at the OC-ALC is projected to double in the years ahead, Mr. Thompson said: eight engines in FY2014, 16 in FY2015, and 32 in FY2016.

“We have 23 mechanics working on these engines in the heavy maintenance center and by FY2017 the 76th PMXG will have 75 to 80 mechanics working on F119 engines, Mr. Thompson said. “And that’s just the front shops” disassembling the modules, he added; it does not include scores of mechanics who will be needed in the back shops to repair the various components removed from the modules.

In a related matter, 76th PMXG mechanics have been performing some Raptor airframe repairs for the past year.

Aircraft mechanic Ira McFadden, left, of the 546th Propulsion Maintenance Squadron, and Mike Blackmore of the 76th Propulsion Maintenance Group torque the diffuser on an F119 jet engine. The diffuser is where the jet fuel is atomized, or reduced to a fine spray. (U.S. Air Force photo by Mike Ray)

AEDC team conducts AMT testing on F-22 Raptor engine

Aircraft mechanics Ira McFadden, left, of the 546th Propulsion Maintenance Squadron, and Mike Blackmore of the 76th Propulsion Maintenance Group torque the diffuser on an F119 jet engine. The diffuser is where the jet fuel is atomized, or reduced to a fine spray. (U.S. Air Force photo by Mike Ray)
The 40th Flight Test Squadron (40th FTS) was to expand fuel limitations in combat to possibly expand the Thunderbolt II’s fuel carriage limits, allowing the aircraft to remain in flight during a combat sortie. The Aículos flight personnel loaded up with weaponry to test the combat carriage limits of the Sargent Fletcher external fuel tank.

In 2012, Air Combat Command requested testing with the Air Force Special Projects Office (AFSEO) to determine if the aircraft could safely reach those combat flight limits carrying the tank, thus carrying more fuel into battle.

“By expanding the fuel carriage limits, A-10C units can carry the 600-gallon tank into combat expanding loiter time by 45-60 minutes and pushing back tanker support,” said Elliott. “This will allow the aircraft to remain in flight during a combat situation longer, while combat setting.

At first, missions focused on gathering data to set the baseline for the aircraft’s handling characteristics. Then other missions focused on different aircraft load configurations to assure sound flight capability.

The scenarios were generated to check a variety of weapons on the A-10 and the tank to simulate a possible combat setting.

“At first, missions focused on gathering data to set the baseline for the aircraft’s handling characteristics. Then other missions focused on different aircraft load configurations to assure sound flight capability. The scenarios were generated to check a variety of weapons on the A-10 and the tank to simulate a possible combat setting. At first, missions focused on gathering data to set the baseline for the aircraft’s handling characteristics. Then other missions focused on different aircraft load configurations to assure sound flight capability.
WASHINGTON (APNS) – Airman applying for tuition assistance in fiscal 2014 will see several changes to both eligibility for and administration of its program.

Due to these changes, the application window for classes beginning on or after Oct. 1 will not open until Sept. 9 and allow foreign language courses until Sept. 9 to allow or after Oct. 1 will not requests for TA will be supervisor approval for all the course.

Airmen who have unfa-

Airman will be TDY or for any other factors they currently hold, with TA requests from rosters will automatically require significant modifi-


AF tuition assistance application window delayed for FY14

AFMC Manpower, Personnel and Services

Forbes

Leadership Now

Hale Chief Executive Leadership Institute

Harvard Business School

AF tuition assistance application window delayed for FY14

AFMC Manpower, Personnel and Services

WRIGHT-PATTERSON AIR FORCE BASE, Ohio – AF e-Learning is a robust, on-line, self-development tool that is free and available to active duty and government civilian Air Force employees 24/7. It contains a large, searchable collection of free on-line courses, books, simulations, and other e-learning resources for your self-development – whenever and wherever you have the need and time. Below are just a few of the features accessible via AF e-Learning:

• Thousands of on-line courses: Choose one of the many short courses accessible from your desktop 24/7 to maximize your time while advancing your self-development.

• Books 24/7: an on-line library of searchable content: Read a book and recommend to a colleague or set up feeds to notify you when new books arrive plus much more.

• Mobile “On the Go” options: Download certain content to your smart-phone, Kindles, or other mobile devices.

• Leadership Knowledge Center portal: Use one of the topical learning roadmaps to map your progress, find related articles, courses, video challenges, simulations, and professional sites such as:
  - The Center for Creative Leadership
  - Harvard Business School
  - Haley Chief Executive Leadership Institute
  - Wharton Center for Leadership and Change Management
  - Leadership Now
  - Forbes

These resources are free and available on-demand from any Common Access Card-authorized Air Force Portal. From the “More Info” page, go to Top Portal Links and select Education/Training/Force Development.

"The changes to TA in FY14 require Airmen and their supervisors to more actively engage in managing academic pursuits and goals," said Russell Frese, the director of Force Development. "This will help leaders ensure Airmen take advantage of academic opportunities while balancing their mission with goals and objectives."

The Air Force Virtual Education Center will un-

"The delay will help us test the system and ensure it is user-friendly and will work smoothly for Airmen," Yates said. For the first time, Airmen in the field are involved in testing the updated system and providing feedback to make it as user-friendly as possible.

Airmen should contact their base education office for more details or for assistance in applying.
California ANG deploys Predator to support firefighters

By Donna Miles
American Forces Press Service

WASHINGTON (AFNS) – With wildfires continuing to rage around Yosemite National Park, the California National Guard has deployed a remotely piloted aircraft that improves the incident commander’s ability to monitor conditions on the ground.

Defense Secretary Chuck Hagel approved the use of an MQ-1 Predator to support firefighters battling the Rim Fire that has expanded to more than 180,000 acres. Air Force Lt. Col. Thomas Keegan, California National Guard public affairs officer, reported the California Air National Guard’s 163rd Airlift Wing deployed the Predator yesterday, and it is being flown in support of the incident commander under the command and control of Army Maj. Gen. David S. Blabon, California’s adjutant general, Keegan said.

The aircraft, flying from the Southern California Logistics Airport in Victorville for up to 22 hours without landing, will capture and deliver real-time, 24/7 information on remote portions of the wildfire.

“The impact of this will be significant,” Keegan said. “It will identify where the fire activity is located and how it is moving, as well as where it has been controlled.”

The aircraft also will identify safe routes of retreat for firefighters on the scene and verify new fire lines drawn by lightning strikes or floating embers. This, Keegan explained, will help the incident commander stay on top of the changing situation on the ground and make the best use of available resources.

Keegan emphasized that the images will be used only to support firefighting operations. The aircraft’s pilots, located at March Air Reserve Base in Riverside, Calif., will remain in constant contact with Federal Aviation Administration air traffic controllers from takeoff to landing and fly over unpopulated areas whenever possible, he said.

The flight path generally will be limited to 30 nautical miles of the Rim Fire area, and whenever it flies outside the restricted air space for the fire, a manned plane will escort it.

Meanwhile, nearly a dozen aircraft and crews from the California Air and Army National Guard are battling wildfires across Northern California. California Army Guard helicopter crews and California Air Guard air tanker crews are working in coordination with the California Department of Forestry and Fire Protection and U.S. Forest Service firefighting crews to battle the American Swedes and Rim fires, Keegan reported.

In addition to two UH-60 Black Hawk helicopters supporting operations at the Rim Fire, three Black Hawks are battling the American Fire and two Black Hawks and one CH-47 Chinook helicopter are flying in support of the Swedes Fire, Keegan said.

Another Black Hawk – with a specialized crew and a hoist for extracting injured personnel from rugged terrain – is staged in Redding, Calif., on call for medical evacuation support throughout Northern California.

At the Rim Fire alone, the helicopter crews have completed 905 drops, releasing more than 450,000 gallons of water or retardant since the crews were activated Aug. 17, Keegan said.

In addition, Air Guard crews are using two C-130 Hercules air tankers to fight the Rim Fire. Both aircraft are equipped with the Modular Airborne Firefighting Sys- tem II and are capable of discharging 3,000 gallons of water or retardant in less than five seconds. Since their activation Aug. 15, the air tankers have completed 122 drops, releasing more than 333,000 gallons of retardant, Keegan said.

“Times of crisis, it is imperative we pull together as a united front against the threat of wildfires in our state,” Baldwin said, noting that the California Guard regularly trains for the mission.

“Working together in a climate of cooperation with state officials, our soldiers and Airmen are committed to preserving the lives and property of our neighbors who are threatened by this emergency,” he said.

The Rim Fire is not the first in which California National Guard personnel have used remotely piloted aircraft technology to support firefighting. In 2007, NASA piloted a similar unmanned aircraft in response to a request from the California Office of Emergency Services and the National Interagency Fire Center.

Those flights were conducted during daytime hours, complemented by nighttime imaging flights from NIFC’s Geospatial Cita- tion and on Air Force Glob- al Hawk, both equipped with an earlier-generation infrared camera. Pilots in a ground control station at NASA Dryden controlled the flights via satellite links.

NASA conducted ad- ditional remotely piloted aircraft missions in 2008, to monitor wildfires in Southern California, and in 2009, to assess fire damage in Angeles National Forest. The current mission, of- ficials said, is the longest sustained mission by an unmanned aircraft in Cali- fornia in support of fire- fighters.
By Senior Airman Derek VanHorn
35th Fighter Wing Public Affairs

MISAWA AIR BASE, Japan (AFNS) – Ground-breaking advancements to F-16 Fighting Falcon warfare training here arrived during the week of Aug. 12 through 16 in the form of a Joint Deployable Electronic Warfare Range, or JDEWR.

The JDEWR is a weapon system that provides tactical-level training to participants in live training events. It's implemented as a threat capable of submitting ground threat defenses for bilateral and joint missions and exercises for United States Air Force, Japan Air Self-Defense Force and Navy aircraft stationed here, according to Lt. Col. Kevin Jones, 35th Operations Support Squadron director of operations.

The mission of the 35th Fighter Wing is the Suppression of Enemy Air Defenses – known as the Wild Weasels – and focuses largely on the neutralization of enemy Surface to Air missile sites. In the past, Wild Weasels have had to fly to Red Flag exercises over Eielson Air Force Base, Alaska, which use the JDEWR system, to get the most accurate training possible for their SEAD mission.

“As a SEAD wing, we need to be able to detect, locate, engage and kill enemy SAMs, antiaircraft artillery and their associated radars,” said Capt. Matthew Karmondy, an F-16 pilot in the 14th Fighter Squadron who has flown in multiple Red Flag exercises. “The more our training matches reality, the better we'll be when the balloon goes up and we are called on to neutralize enemy threats.”

Karmondy said once a SAM is located, the next step is how to best neutralize that threat, whether it be through avoidance, electronic jamming or kinetic means such as bombs, missiles or guns. Pilots were previously forced to simulate these attacks, and one of the realities was that the aspect of realistic feedback from the ground always fell short. Now, with this new system, pilots can fight back realistically, utilizing all aspects within the cockpit.

“That’s exactly what the JDEWR allows us to do – train like we will fight in major combat operations,” Karmondy said. “Short of putting missiles and bullets in the air, the JDEWR fights back. It’s a hugely important asset.”

Capt. Travis Smith, 35 OSS electronic warfare officer, said the JDEWR can simulate up to seven different target systems simultaneously in its current configuration.

“It’s rapidly re-deployable as well, so we could have vastly different setups for the pilots to fly against from exercise to exercise in our own backyard,” Smith added.

Before the JDEWR’s arrival, Jones said “We didn’t get to see a real threat on the radar looking at us – nothing triggered our radar warning receiver. But now the arrival of the JDEWR gives the ability to actually get a spike and act accordingly to that threat.”

“Having the equipment here for a realistic threat environment also postures Misawa to potentially host large scale exercises in the future, boosting value in regional training with other military assets. “Joint and bilateral training is significant in that it’s just the reality of how we are going to go to war in today’s day and age,” Jones said.

See TRAINING, page 14
National commission reviews AF ‘life-cycle’ manpower costs

By Col Bob Thompson
AF Reserve Public Affairs
WASHINGTON (AFNS) — With a shrinking defense budget, increasingly consumed by manpower-associated costs, the Air Force of the future may be determined by how much we can afford, according to the Air Force Reserve’s top officer. He stressed that finding how much an Airman’s career costs through their “life-cycle” of active and reserve service is important.

The “National Commission on the Structure of the Air Force” interviewed senior defense leaders past and present on Aug. 27, to review the “fully-burdened life-cycle manpower costs” of active duty, Air National Guard and Air Force Reserve Airmen.

“The Air Force Reserve supports the Reserve Forces Policy Board findings that the cost of a Reserve Component member is about one-third that of their Active Component counterpart,” said Lt. Gen. James F. Jackson, chief of Air Force Reserve and commander of Air Force Reserve Command. Appointed by the FY11 National Defense Authorization Act, the commission is reviewing how the Air Force structure is determined and if and how it should be changed to meet future missions and funding challenges. The commission’s report and recommendations are due to the president by Feb. 1, 2014.

Numerous studies have analyzed manpower costs, but the Department structure and various think tanks have yet to agree. If the commission can help establish the right cost model, they will be able to recommend to Congress the most cost-effective and operationally efficient ratio of Active and Reserve Component forces.

“Reserve Component manpower costs are about 34 percent of an active duty officer and 37 percent for an active duty enlisted member annually,” Jackson said based on a computer program called the “Individual Cost Assessment Model.” “The earlier the member affiliates with the Reserve Component, the lower the overall life-cycle cost,” he said.

The model captures the cost of career events such as recruitment, training events, permanent change of station moves, deployments, promotions, transitions between Reserve categories, in component affiliation such as active duty to Air Force Reserve or Air National Guard, and retirements.

Also, the model accounts for base pay, housing and subsistence, medical and retirement costs, training costs, moving costs, and other compensations, entitlements and benefits. The Individual Cost Assessment Model captures the initial accession and training costs of an active duty member may who transition to the Air Force Reserve, retaining that initial investment for the nation.

“We need to move toward an agreement on manpower costs,” said Jackson. “This will allow for an apples to apples comparison and establish common ground, moving the discussion forward to shape the Air Forces future structure.”

Also, the commission asked Jackson to provide insight into which day-to-day missions of the Air Force could potentially be shifted to the Air Force Reserve, or the Air National Guard.

“The Air Force Reserve maintains a diverse portfolio of capability in all 13 Air Force Core Functions.” Jackson said. “Future mission set niche differentiation could include rapidly-evolving areas such as space; cybersecurity; intelligence, surveillance and reconnaissance; as well as more traditional mission sets such as Rapid Global Mobility and Global Precision Attack.”

Jackson noted his opinion on merging the Reserve and National Guard.

“All three components, Active Duty, Air Force Reserve, and Air National Guard, are crucial to our nation,” he said. “We have different administrative control lines and authorities, however that is okay. All three bring something to our nation’s defense and that diversification serves the nation well as we have seen most recently in readiness cuts we have seen due to the sequestration.”

The commission is led by the Honorable Dennis M. McCarthy, a retired Marine Corps lieutenant general and the previous assistant secretary of Defense for Reserve Affairs at the Pentagon. The vice chair is the Honorable Erin Conaton, a former Undersecretary of Defense for Personnel and Readiness and previous undersecretary of the Air Force.

“As the Air Force looks to the future, one thing is clear,” said the general. “Our men and women wish to continue serving and putting their combat-tested, operation- al experience to use. The Citizen Airmen of your Air Force are ready and continue to play a key role in the Total Force of today and the future Air Force in 2023.”

He cited recent surveys by the Defense Manpower Data Center which confirm that the vast majority of reservists and guardsmen wish to continue to serve and that their employers still strongly support them.

The arrival of the JDEWR is the first of its kind to be placed in Japan and will be based at Misawa’s Draughon Range, an area located only 10-15 miles north of the base where pilots are authorized to drop live ordinance during training.

Jones said Draughon Range is “one of the best kept secrets in the Air Force,” leading its ability to provide both tactical and conventional targets, while also being an air-ground-range in Northern Japan.

“73% is great to see pilots learn on Draughon Range by practicing their attacks and growing as pilots,” said Capt. Greg Balch, 13th Fighter Squadron F-16 pilot. “You can actually see the results on the ground right in front of you rather than having to simulate the results of an attack.”

35 FW pilots generally fly in two aircrafts – the Classic airspace, a mission area located along the entire northeast coast of Japan, and the Bravo airspace, encompassing the valuable Gaicho airspace.

The Gaicho airspace was made available earlier this year and has played a large role in the comprehensive and innovative efforts of Mission All to become globally recognized in extensive fighter jet training. Gaicho airspace feeds off the east side of Draughon Range and expands the airspace approximately 50 miles over the Pacific Ocean to bridge the gap between Bravo airspace; providing pilots significant more space to engage in various combat training scenarios.

Lt. Dustin Casey, 13 FW pilot, said it is some of the best airspace in the world, and adding the JDEWR to the mix allows pilots to explore the full range of tactics in warfare.

“There is a lot of room here, and now that we have the Gaicho we’ll be able to train exactly like we fight which is absolutely incredible.”

Smith said the diversity of training shouldn’t stop with the JDEWR, and systems such as fidelity simulators, different modes within the aircraft and even commercial off-the-shelf hardware are used to practice against.

“We’re constantly looking at the mission set and thinking about ways to augment training so that the 35th Operations Group will be more than ready for the fight,” said Smith.

The JDEWR will be operated by contractors within Pacific Air Forces that have wide-ranging experience with Large Force Employment training, namely Red Flag, and in the future, will be more varied with others to take over the operations here.

Jones said this prospect was made possible by determined coordination between 5th Air Force, 35th FW and the Air Force Japan, and that base officials are working a plan to make this a permanent fixture here.
Continuous bomber presence exemplifies Global Vigilance, Global Reach, Global Power

By Staff Sgt. Katherine Holt
2nd Bomb Wing Public Affairs

BARKSDALE AIR FORCE BASE, La. (AFN) – B-52 Stratotanker maintainers, technicians and pilots are working to provide the U.S. Pacific-commanded forces with the capabilities necessary to maintain their global reach and ability to conduct global strike by holding any target at risk and if necessary, or destroying it promptly – the key to Global Vigilance, Reach and Global Power.

“We do what we do day in and day out with this mission which is show our ability to fly our airplanes around the Pacific theater and support and whatever contingencies we might be asked to do,” said Maj. Tan.

The continuous bomber presence showcases the 2nd Bomb Wing capability to operate aircraft within the Pacific and support exercises across the region, as required.

“We own 50 percent of the responsibility for this item, it’s shared across the B-52 community, so that’s a big piece for the 2nd BW to support,” Maytan said.

“With all the different missions we have here at home,” Aguayo said.

“Knowing that the wheel was sturdy enough so that it becomes a newly-bench marked painting aid Air Force wide.

“Technicians coengineering cost-saver with a spin

By Staff Sgt. Brandon Shapiro
6th Air Mobility Wing Public Affairs

MACDILL AIR FORCE BASE, Fla. (AFNS) – As two aircraft metals technicians pondered the redesigned and lengthy four-part paint process of the KC-135 Stratotanker main landing wheel they said they had to figure out a new approach.

Staff Sergeants Alexis Aguayo and Michael Rog-er, aircraft metals technicians with the 6th Maintenance Squadron, co-engi-neered a way to cost-effectively move to a KC-135’s nose and main landing wheel on a rotating base to allow the entire part to be painted in a single step.

“As we watched how a wheel was painted during a routine emission preven-
tion process, we both knew there had to be a better way,” Aguayo said.

“Only being able to paint one side at a time, with 13 hours of cure time between, was just not effective.”

Knowing that the wheel would need a 360-degree plane of rotation for even and efficient paint application, the two started with the construction of a heavy-duty, ball-bearing mounted turntable.

Once the turntable proto-type met their strength and operational standards, they moved on to the second most important part – the wheel mounting stand.

“Once the turntable prototype met their strength and operational standards, we moved on to the second most important part – the wheel mounting stand,” Aguayo said and check-

lished.

“We think up designs that can simplify a process and we build them. I’m just glad that we could do our part to save the Air Force money, by reducing man-hours.”

When the first WWS rolled off the assembly line and over to the paint crew, it was received with arms wide open.

“The stand is amazing, it works great,” Staff Sgt. Braden Foley, an aircraft structural technician with the 6th Maintenance Squadron, said.

Because of the success that the WWS is having at MacDill AFB, other KC-

135 bases have taken a vested interest in Aguayo and Rogers design. It is quite possible, officials said, that the WWS could become a newly-bench marked painting aid Air Force wide.

By Staff Sgt. Brandon Shapiro
6th Air Mobility Wing Public Affairs

Airman from the 2nd Aircraft Maintenance Squadron prepares to launch a B-52 Stratofortress on Barksdale Air Force Base, La. Aug. 26. Aircrews and their crew chiefs deployed to Anderson AFB, Guam, to support the continuous bomber presence in the Pacific. (Photo by Staff Sgt. Michael Miclaus Anthony)

Airman 1st Class Eric Martinez uses a newly designed wheel workstation to paint a KC-135 Stratotanker wheel, Aug. 21 at MacDill Air Force Base, Fla. The implementation of the WWS reduced the paint time process by 26 hours per set. Martinez is a structures technician with the 6th Maintenance Squadron. (Photo by Staff Sgt. Brandon Shapiro)

The two crafted an an-

• 15
Cool 100 Walk/Run Begins in October 1st

Lace up your tennis shoes and get ready to log in your miles starting in October.

Outdoor Recreation has planned a Fitness Center 100 Walk/Run, which will take place on Saturdays and Sunday at 7 a.m. The Pro Shop will have the sauna and musical equipment set at 7 a.m. Monday through Friday but limited quantities will be available so get them while they last.

The annual chili cook off is returning to the Arnold Lakeside Center Oct. 18 with a new spin. In addition to chili, teams may also cook a solid pork BBQ cook off. Teams enroll for the fundraiser and bring all of their own supplies to prepare their entry, where cooks ing begins at 9 a.m. (It is recommended that you bring enough for final judging, taking place at 3:45 p.m.) Entries made out-of-state will not be eligible for competition. Additionally, they should plan to make enough to sell out all the chili as well as enough for final judging, taking place at 3:45 p.m. Entries made out-of-state will not be eligible for competition.

Cash prizes will be awarded in both contests, $100 for 1st place and $75 for second. 8ft tables are available to rent from the ALC or ODR (454-6084) for $4 each and must be reserved in advance to ensure availability. More information can be obtained by contacting the ALC or ODR, or stop by and see a member of the FC staff. Call 454-6084 to sign up for this event by Oct. 23.}

The costume contest winners will be an nounced at 6:30 p.m. Remember this is a family event so costumes should be suitable for all ages. Following the costume contest, there will be a Halloween movie on the outdoor screen so bring your blankets and chairs. For those that dare make a trek through the woods, there will be a spooky trail starting at 8 p.m. Please note that there may be some scary elements along the trail that may not be suitable for younger children.

Cost for the evening event is only $5 for ages 13 and over. Age 12 and under may attend the event with a parent or designated adult who will bring a beverage of choice.

If you visit the FC you may notice some changes the facility is implementing starting in October. New at the facility is a Fitness Center Dart Roundhouse.

Calling all flappers and fel lows to take a trip back to the 1920’s and join us for a party worthy of Jay Gatsby himself. Beginning at 6 p.m. on October 4th, ALC staff will announce the best dressed male and best dressed female. Other spe cialty drinks of the event will be available for purchase, as well as tea and soft drinks.

The cost to participate in this event is only $3 per person which includes food and drinks.

See BRIEF, page 12

Gatsby Style Party Coming to the Arnold Lakeside Center

Outdoor Recreation has planned a Fitness Center 100 Walk/Run, which will take place on Saturdays and Sunday at 7 a.m. The Pro Shop will have the sauna and musical equipment set at 7 a.m. Monday through Friday but limited quantities will be available so get them while they last.

The annual chili cook off is returning to the Arnold Lakeside Center Oct. 18 with a new spin. In addition to chili, teams may also cook a solid pork BBQ cook off. Teams enroll for the fundraiser and bring all of their own supplies to prepare their entry, where cooks ing begins at 9 a.m. (It is recommended that you bring enough for final judging, taking place at 3:45 p.m.) Entries made out-of-state will not be eligible for competition. Additionally, they should plan to make enough to sell out all the chili as well as enough for final judging, taking place at 3:45 p.m. Entries made out-of-state will not be eligible for competition.

Cash prizes will be awarded in both contests, $100 for 1st place and $75 for second. 8ft tables are available to rent from the ALC or ODR (454-6084) for $4 each and must be reserved in advance to ensure availability. More information can be obtained by contacting the ALC or ODR, or stop by and see a member of the FC staff. Call 454-6084 to sign up for this event by Oct. 23.

Calling all flappers and fel lows to take a trip back to the 1920’s and join us for a party worthy of Jay Gatsby himself. Beginning at 6 p.m. on October 4th, ALC staff will announce the best dressed male and best dressed female. Other spe cialty drinks of the event will be available for purchase, as well as tea and soft drinks.

The cost to participate in this event is only $3 per person which includes food and drinks.

See BRIEF, page 12
October 2013

Sunday

1. FC Cool 100 Walk at 6 a.m.
2. FC Interval Class 3:45 a.m.
3. FC Yoga 11 a.m.
4. FC Cycling Class 11 a.m.

Monday

5. FC Interval Class 3:45 a.m.
6. FC Yoga 11 a.m.
7. FC Cycling Class 11 a.m.

Tuesday

8. FC Interval Class 3:45 a.m.
9. FC Yoga 11 a.m.
10. FC Cycling Class 11 a.m.

Wednesday

11. FC Interval Class 3:45 a.m.
12. FC Yoga 11 a.m.
13. FC Cycling Class 11 a.m.

Thursday

14. FC Interval Class 3:45 a.m.
15. FC Yoga 11 a.m.
16. FC Cycling Class 11 a.m.

Friday

17. FC Interval Class 3:45 a.m.
18. FC Yoga 11 a.m.
19. FC Cycling Class 11 a.m.

Saturday

20. ODR Fall Lake Tour, 12 p.m., $7
21. FC Interval Class 3:45 a.m.
22. FC Yoga 11 a.m.
23. FC Cycling Class 11 a.m.

Hours of operation
Arnold Lakeside Center
Catering/Management offices by appointment. Operations Clerk Monday-Friday, 7 a.m.-4:30 p.m.; Saturday 9 a.m.-6:30 p.m. CLOSED Oct. 14
Information, Tickets & Travel (OTT): Tuesday through Friday 10 a.m.–2 p.m. CLOSED Oct. 14
Café 100: Monday through Friday 9 a.m.-6:30 p.m. CLOSED Oct. 14
Barber Shop: Monday through Friday 9 a.m.-6:30 p.m. (closed during inclement weather). Barber Shop opens 24 hours with preauthorized key card. Mulligan’s Golfing Friday through Sunday 10 a.m.–2 p.m. Saturday and Sunday 7 a.m.-2 p.m.
Recycling: Monday through Friday 6 a.m.–8:30 a.m.
Wingo Inn: Monday through Thursday 7 a.m.–9 p.m.; Saturday and Sunday 8 a.m.–4 p.m.
Nonappropriated Funds Human Resources: Monday through Friday 7:30 a.m.–4:30 p.m.

AAFES Dividends
Dividends paid quarterly from the Army and Air Force Exchange Service (AAFES) overall earnings retained in a major contribution to Services nonappropriated fund (NAF) construction and innovative projects. Services would like to thank all AAFES customers for their sup- port. Dividends received for August 2013 totaled $65,522.

See BRIEFS, page H3

BRIEFS from page H1
in random draw placement each week. The number of tables will be determined by the number of participants in each week. Tables will be the responsibility of the dealer at each table. A dedicated provider will be provided for the championship table. As players are eliminated, the remaining placers will be redistribute
in the right night. Placement
points will be determined by finishing ranking each week until the final eight. Prizes will be awarded to the top three finishers in the championship table but awarded each of the seven week evens. Players eliminated before final eight will not receive points. Points placement is as follows: eighth place; 1 point, seventh place: 2 points, sixth place: 3 points, fifth place: 4 points, fourth place: 5 points, third place: 6 points, second place: 7 points, first place: 8 points. Rating seven-tally modulus of total weekly poids will determine the ranking order to decide who plays in the final championship round. The Championship Table will be made up of the top 8 players plus any tie from the seven-week standings. Winners a single week may wager up to 8, 4th and 6th place, $5, 5th and 3rd place, $5-$9, Grand prizes will be given to top two winners each week. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two winners on random. Prizes will be given to top two w
Kayaking for Beginners

Kayaking for Beginners is a great introduction to the sport of kayaking. All equipment will be provided, including life jackets, paddles, and sit-inside kayaks. Participants will learn basic water safety skills, how to pull a kayak into the water, and how to get in and out of the kayak. The focus will be on years of experience. The cost is $15 and includes a t-shirt. Contact Outdoor Recreation at 454-6084 to register for your spot.

Intermediate Kayak Class

Intermediate Kayak Class offers a more advanced level of kayaking. Participants will learn how to navigate the water, includingAAA turns, eddy turns, and rolling. The focus will be on years of experience. The cost is $35 and includes a t-shirt. Contact Outdoor Recreation at 454-6084 to register for your spot.

Kayaking for Beginners

Kayaking for Beginners is a great introduction to the sport of kayaking. All equipment will be provided, including life jackets, paddles, and sit-inside kayaks. Participants will learn basic water safety skills, how to pull a kayak into the water, and how to get in and out of the kayak. The focus will be on years of experience. The cost is $15 and includes a t-shirt. Contact Outdoor Recreation at 454-6084 to register for your spot.

Use our online registration system to sign up for our activities. See our website for more information.

Yoga

Yoga classes are held at the Fitness Center on Wednesdays and Fridays from 5:30 to 7:00 p.m. Participants will learn basic yoga poses and stretch to improve flexibility and reduce stress. The cost is $5 per class and includes a t-shirt. Contact Outdoor Recreation at 454-6084 to register for your spot.

Intermediate Archery Class

Intermediate Archery Class is designed for archers who have basic knowledge and skills of archery. Participants will learn advanced archery techniques, including proper stance, draw, and release. The cost is $25 and includes a t-shirt. Contact Outdoor Recreation at 454-6084 to register for your spot.

Advanced Archery Challenge

Advanced Archery Challenge is for experienced archers who want to test their skills. Participants will be challenged to complete a series of archery targets in the shortest amount of time. The cost is $35 and includes a t-shirt. Contact Outdoor Recreation at 454-6084 to register for your spot.

Camping

Camping is available at two different locations: Dogwood Ridge and Wingo Inn. Dogwood Ridge is located in the foothills of the Ochlockonee River and features six camping sites. The cost is $30 per night and includes a tent and campsite fee. Contact Outdoor Recreation at 454-6084 to make your reservation.

Wingo Inn is located on the Ochlockonee River and features 20 camping sites. The cost is $40 per night and includes a site fee and access to the riverfront. Contact Outdoor Recreation at 454-6084 to make your reservation.

Firearms

Firearms training is available through the Department of Law Enforcement. Participants will learn basic firearm safety, handling, and marksmanship. The cost is $50 per day and includes all equipment. Contact Outdoor Recreation at 454-6084 to register for your spot.

Paintball

Paintball is a fun and exciting sport that is open to all ages. Participants will learn basic gun handling and safety, as well as advanced techniques such as cover and concealment. The cost is $50 per day and includes all equipment. Contact Outdoor Recreation at 454-6084 to register for your spot.

Water Sports

Water sports activities are available at the Fitness Center and the Ochlockonee River. Activities include kayaking, canoeing, and paddle boarding. The cost is $15 per hour and includes all equipment. Contact Outdoor Recreation at 454-6084 to register for your spot.

See BRIEFS, page 14

September 9, 2013 • 43

Gossick Leadership Center

Gossick Leadership Center (GLC) is open to all units for use as needed. GLC is open Monday through Friday from 8 a.m. to 5 p.m. Contact Outdoor Recreation at 454-6084 for more information.

Outdoor Recreation (ODR)

Outdoor Recreation (ODR) is located at the Outdoor Recreation Center. ODR offers a wide variety of activities, including kayaking, canoeing, archery, paintball, and more. Contact ODR at 454-6084 for more information.

See BRIEFS, page 14

Kayaking for Beginners

Kayaking for Beginners is a great introduction to the sport of kayaking. All equipment will be provided, including life jackets, paddles, and sit-inside kayaks. Participants will learn basic water safety skills, how to pull a kayak into the water, and how to get in and out of the kayak. The focus will be on years of experience. The cost is $15 and includes a t-shirt. Contact Outdoor Recreation at 454-6084 to register for your spot.

Intermediate Archery Class

Intermediate Archery Class is designed for archers who have basic knowledge and skills of archery. Participants will learn advanced archery techniques, including proper stance, draw, and release. The cost is $25 and includes a t-shirt. Contact Outdoor Recreation at 454-6084 to register for your spot.

Advanced Archery Challenge

Advanced Archery Challenge is for experienced archers who want to test their skills. Participants will be challenged to complete a series of archery targets in the shortest amount of time. The cost is $35 and includes a t-shirt. Contact Outdoor Recreation at 454-6084 to register for your spot.

Camping

Camping is available at two different locations: Dogwood Ridge and Wingo Inn. Dogwood Ridge is located in the foothills of the Ochlockonee River and features six camping sites. The cost is $30 per night and includes a tent and campsite fee. Contact Outdoor Recreation at 454-6084 to make your reservation.

Wingo Inn is located on the Ochlockonee River and features 20 camping sites. The cost is $40 per night and includes a site fee and access to the riverfront. Contact Outdoor Recreation at 454-6084 to make your reservation.

Firearms

Firearms training is available through the Department of Law Enforcement. Participants will learn basic firearm safety, handling, and marksmanship. The cost is $50 per day and includes all equipment. Contact Outdoor Recreation at 454-6084 to register for your spot.

Paintball

Paintball is a fun and exciting sport that is open to all ages. Participants will learn basic gun handling and safety, as well as advanced techniques such as cover and concealment. The cost is $50 per day and includes all equipment. Contact Outdoor Recreation at 454-6084 to register for your spot.

Water Sports

Water sports activities are available at the Fitness Center and the Ochlockonee River. Activities include kayaking, canoeing, and paddle boarding. The cost is $15 per hour and includes all equipment. Contact Outdoor Recreation at 454-6084 to register for your spot.

See BRIEFS, page 14

The Services insert the High Mach to designed of events and specialities in Welcome Services. Activities all programs, dates and prices are subject to change.
The agenda for the October 1 meeting of the AEDC Woman’s Club will be a presentation by Dr. James Davidheiser of the German Department at the University of the South at Sewanee. Dr. Davidheiser’s topic will be “Why are Fairy Tales so Popular Today and Why are They so Scary?”

Dr. Davidheiser is well suited for such a presentation. He received his formal education at La Salle University and the University of Pittsburgh. In addition to the University of the South, Dr. Davidheiser has taught at the University of Pittsburgh and the University of Delaware. He has also taught in Germany at The University of Bamberg and The University of Mainz. He has been a member of and an officer in many distinguished organizations in the United States and Europe focused on teaching German.

Dr. Davidheiser is well prepared to speak about German fairytales, having authored several learned articles and two textbooks on the subject. This should be a very informative and entertaining program. It will be interesting to find out if the fairytales he selects have any connection to Halloween!!!

The Social Hour of the meeting starts at 9:30 at the Lakeside Center, with the business meeting and Program at 10:00. Hope to see you there!

Reservations and cancellations for the October 1st meeting must be made no later than noon, Wednesday, September 25. You make reservations or cancellations by contacting Liz Jolliffe at 931-393-2552 or jajolliffe@aol.com; Jane Ricci at 931-636-4152 or dickanjane@comcast.net.

This is a private organization which is not part of the Department of Defense or any of its components and it has no governmental status.