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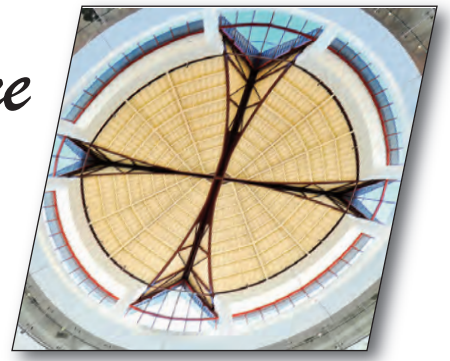
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ROBINS REV-UP

'Team Robins - Performing to Our Potential'

'Making Tomorrow Better than Today'

Feb. 19, 2016 Vol. 61 No. 7



U.S. Air Force photo by ROLAND LEACH

Maj. Scott Petz, known by the unofficial call sign of Thunderbird 8, is the team's advance pilot and narrator. The U.S. Air Force Thunderbirds advance team arrived at Robins Feb. 11. The team was here to perform a site survey and speak to local media about the team's scheduled performance during Robins' Thunder over Georgia Air Show Oct. 2 and 3.

Thunderbird lands at Robins for site visit

BY JENNY GORDON
jenny.gordon.ctr@us.af.mil

The skies were crystal clear Feb. 11, but if you were paying attention, you could hear the Thunder over Georgia.

Flying an F-16 Fighting Falcon, two members of the Air Force's Thunderbirds team flew about 10 minutes surveying the runway, observing landmarks and getting a view of the land below before touching down and taxiing in front of Bldg. 110.

They had spent just under two hours flying from Offutt Air Force Base in Nebraska, and were at Robins to conduct a site visit with several base representatives.

Maj. Scott Petz, known by the unofficial call sign of Thunderbird 8, is the team's advance pilot and narrator. He's responsible for coordinating such things as logistical details at show sites, and is the voice you'll hear describing maneuvers during this October's Thunder over Georgia Air Show here.

▶ see THUNDERBIRD, A5



EXPLORING 'ART OF THE POSSIBLE'

U.S. Air Force photo by RAY CRAYTON

Michael Quinn, 566th Electronics Maintenance Squadron mechanic, repairs a C-12 directional gyroscope for the C-130. The squadron is responsible for many of the Air Force's aviation electronics repairs on the C-130, C-17, F-15, A-10 and other weapons systems.

EMXG deploys science behind AFSC philosophy

BY JENNY GORDON
jenny.gordon.ctr@us.af.mil

Ensuring accuracy, monitoring and gaining control of production flow, having a clear picture of where assets are, and giving clear expectations to team members – those are just a few principles deployed in one 402nd Electronics Maintenance Group squadron.

While the Air Force Sustainment Center's Art of the Possible has matured in areas like the 402nd Aircraft and 402nd Commodities maintenance groups, for nearly a year the 566th Electronics Maintenance Squadron has fully embraced the art and science behind AOP's philosophy and production methodologies.

C-12 Gyro

Several production lines in the 566th EMXS Gyro Shop, in particular with C-12 gyros, have been working since May to slowly drive a process change that has recently experienced meaningful, successful results.

The squadron is responsible for many of the Air Force's aviation electronics repairs on the C-130, C-17, F-15, A-10 and other weapon systems.

Flow days have decreased in the C-12 Gyro line, from about a 60-day average to producing an asset in 17 days – a 43-day reduction.

A successful day in the shop at Robins means assets can get back to the field where they're needed, thus ensuring success in the missions downrange.

"Not only are we getting these assets through here more quickly and more efficiently, we're also saving Air Force dollars," said Richard Orta, 566th EMXS Scheduling Element chief.

"For C-12 gyros, what we've noticed is the constraint continuing to drop," said Orta, referring to the production operation's weakest link. "We want that constraint dropping – which means we have a healthy machine."

The shop currently has zero backorders. Controlling the work-in-progress – WIP – or number of assets

▶ see EMXG, A6

Wynn Dining serves up a taste of home away from home

BY ANGELA WOOLEN
angela.woolen.ctr@us.af.mil

Between 400 and 500 airmen come through the doors of Wynn Dining Facility daily. And although it's the staff's mission to ensure the troops get their three squares, they choose to go a step further to make everyone feel like family.

It's rare that facility manager Connie Treco doesn't hug nearly every person who comes through to eat. If the person is a regular, she knows that person by name.

Lance Corp. Charles Canepa, a Marine aviation ordnance technician eats at least two meals a day at Wynn.

Although the main reason is the great food – like the chicken flatbread, his personal favorite – Canepa credits the friendliness of staff as the reason he spends his money at the facility.

The employees do little things to make sure that airmen are taken care of. Things like creating a work of art from an onion.

"Water makes them open like a flower," said Sompit Amonchomchupong, a line server and cashier.

Her purple onions look like a blooming flower sitting on the counters.

To add to the at-home feel, Treco also gives military members a special birthday dinner complete with ribeye steak, a baked potato and dessert.

The facility seats 208 including 30 seats in a private dining area, Treco said.

Military men and women can check a large sign which shows the menu for the month. Healthy choices are green items. The main serving line has three entries, three vegetables, two starches and a hot dessert.

Twenty-four items line the salad bar, including three different kinds of leafy greens, broccoli, cauliflower, carrots and more.

Senior Airman Ahmadi Murrell, from Poughkeepsie, New York, usually grabs breakfast, lunch and dinner at the facility.

"The sloppy joes are my favorite," Murrell, who



U.S. Air Force photo by RAY CRAYTON

Sompit Amonchomchupong, Wynn Dining Facility line server and cashier, dishes up lunch for Staff Sgt. Philip Arras with the 78th Security Forces Squadron.

works at the 78th Medical Group, said with a grin.

There is a plan in motion to celebrate birthdays once a quarter, and on Thursdays, there's a retiree dinner.

FRIDAY FLYBY: ASBP, American Red Cross to host blood drives today, A2

Base exercise may cause delays at gates

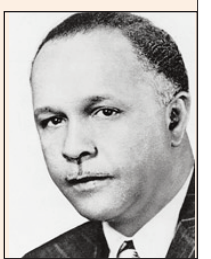
Team Robins will undergo a basewide exercise next week. Scenarios will include a tornado response exercise; Crashed, Damaged, Disabled, Aircraft Recovery exercise of an F-15 at Warrior Air Base; Continuity of Operations and unit level sustainment exercises from Monday through Feb. 26. During this time you may experience noise and periodic delays entering or leaving the base due to gate closures.



Celebrating Diversity: Black History Month

Black History Month is an annual celebration of achievements by African Americans and the central role they have played in U.S. history.

Percy Julian was an African American research chemist and a pioneer in the chemical synthesis of medicinal drugs from plants. He was the first to synthesize the natural product physostigmine, and a pioneer in the industrial large-scale chemical synthesis of the human hormones progesterone and testosterone from plant sterols. His work laid the foundation for the steroid drug industry's production of cortisone, other corticosteroids and birth control pills.



Julian

Weekend Weather

Friday 67/41



Saturday 71/50



Sunday 73/54



"Safety First" is "Safety Always."

SECOND FRONT

Campaign aims to reduce debt, save more money

BY HOLLY LOGAN-ARRINGTON
holly.logan-arrington@us.af.mil

The Airman & Family Readiness Center is partnering with Robins Financial Credit Union and Sun Trust Bank to offer military families and Defense Department civilian employees special promotions and educational classes on saving, debt reduction, and the Thrift Savings Plan.

It's all part of the 2016 Military Saves Campaign, a Defense Department-wide financial readiness effort to help the military community reduce debt and save money.

Military Saves is part of the national America Saves campaign, which encourages all Americans to improve their financial situation.

Anthony Pope, Personal Financial Readiness Program manager in the A&FRC, said the campaign, which runs Monday through Feb. 27, is about committing to evaluate and improve one's financial situation.

"Military Saves seeks to motivate, support, and encourage all military families to save money, reduce debt, and build wealth," he said.

In the campaign, people are encouraged to take the following pledge: "I will help myself by saving money, reducing debt and building wealth over time. I will help my family and my country by encouraging other Americans to build wealth, not debt."

Pope said taking the Military Saves pledge encourages military members and their families to commit to change their financial habits.

"Financial issues can be very stressful on families," he said. "Setting goals and making a plan to address and correct problems will



The following classes will be offered as part of the campaign:

►Tuesday from 11 a.m. to 1 p.m., a Pledge/Information table will be at the Wynn Dining Facility.

Also that day, a SunTrust Bank representative will offer the class, "Pay Yourself First" from 3 to 4 p.m., at the A&FRC, in Bldg. 794.

►Wednesday from 3 to 4 p.m., a Robins Financial Credit Union representative will offer the "Save Money, Reduce Debt" class at the A&FRC, Bldg. 794.

►Thursday from 3 to 4 p.m. the A&FRC will explain the ins and outs of the Thrift Savings Plan in Bldg. 794.

►Friday from 3 to 4 p.m., the A&FRC staff will present, "Retirement Considerations," at its center in Bldg. 794.

help alleviate some of that stress and bring families closer together."

"Whether developing a savings plan, reducing debt, or investing in your future, appropriately managing finances can be a daunting task and this week will provide some helpful information for any situation," Pope said.

Editor's note: For more information, visit www.militarysaves.org or call the A&FRC at 478-926-1256.

AFMC Alert registration

The Air Force Materiel Command emergency mass notification system is used to provide real-time emergency information to all Robins units and the base populace.

Registration is mandatory for all active duty, Guard, and Reserve military members. Registration is encouraged for civilian employees.

Registering personal cell phone and email data is recommended for all users. That will ensure emergency warning messages are received on and off duty.

For details, contact the Robins Command Post at DSN 497-2612.

In order to receive Alert! notifications users must log into the self-service site to ensure information is input correctly. Users already in the "Alert!" system will be able to update and change information as needed.

►Using a government computer, type in the URL: <https://alert.sd.spawar.navy.mil/selfservice>.

►Enter your CAC PIN.

►The warning screen will appear. Select, "I Agree."

►The registration screen will appear.

ASMC event March 16

Registration is open for the American Society of Military Comptrollers Middle Georgia 2016 Mini Professional Development Institute set for March 16.

The event will be held from 8 a.m. to 4:30 p.m. at the Museum of Aviation Hangar One. The registration fee for ASMC members is \$30 and \$35 for nonmembers. A maximum of seven continuing education points will be awarded for this event.

This year's agenda offers many training opportunities for professional and personal growth and allows attendees to make more informed decisions and to be prepared to adapt to upcoming changes.

Guest speakers will include: Brig. Gen. John Pletcher, Headquarters Air Force Materiel Command Financial Management; Pamela Condino, HQ Air Combat Command deputy comptroller;

Kevin Boutwell, Maxwell Financial Management school; and Sakenna Dixon, retired chief and current Centers for Disease Control senior advisor, Office of Finance and Accounting. There will also be a senior leader panel discussion and an award given to the organization with the highest attendance.

To register, contact Patty Therrell at patty.therrell@us.af.mil or DSN 241-5024.

The deadline to preregister is March 7. Registration will be held from 7:30 to 8 a.m. March 16.

Team Robins Annual Awards

The 2016 Team Robins Annual Awards Ceremony will be conducted March 7 from 11:30 a.m. to 1 p.m. in the Museum of Aviation's Century of Flight Hangar.

The special guest speaker will be Maj. Gen. Richard Haddad, Air Force Reserve Command vice commander.

Dress will be uniform of the day for military and business casual for civilians.

For ticket information, contact Senior Master Sgt. Aaron Dudley at 201-2030.

Blood Drive today

The Armed Services Blood Program and the American Red Cross will conduct blood drives today.

The ASPB drive will be from 10 a.m. to 4 p.m. at the Fitness Center Annex in Bldg. 301. The Red Cross blood drive will be from 7:30 a.m. to 1:30 p.m. in the Bldg. 640/645 auditorium.

In addition to existing restrictions, there is added caution about the Zika virus. You may have been hearing a lot about the Zika virus in the news. The Armed Services Blood Program is following the latest guidelines concerning travel to Mexico, Central and South America, and the Caribbean. Those who have traveled to these locations should not donate blood for 28 days following their return.

For more information, call 2nd Lt. Vanessa DelAngel at 468 -7615 or Erin Longacre at (706) 787-1014.

Visitor control center is gateway to Robins

BY ANGELA WOOLEN
angela.woolen.ct@us.af.mil

The Visitor Control Center is the first stop people who aren't affiliated with the base make before being allowed to enter through the gates.

It's for that reason Tech. Sgt. Michael Garza, NCOIC of pass and registration, pushes his employees to maintain a high level of customer service.

Because Robins has a lot of civilians and contractors flowing in and out each day, Garza said the center has to act differently than many Air Force installations.

"We want them to feel really welcome," he said. "We're the first people they see."

The center – a VPP Silver Safe Site – is in Bldg. 219. Visitors sign in on a computer which allows the workers to know why they're here.

A worker from the desk calls individuals up and processes the request. Photos are also taken at the facility.



U.S. Air Force photo by RAY CRAYTON

Airman 1st Cass Kurtis Kenderson, 78th Security Forces Squadron Pass and Registration clerk, helps a customer with his base pass. The Visitor Control Center is open Mondays through Fridays from 7 a.m. to 4 p.m. and is closed on the weekends and all federal holidays.

They process regular badges, restricted area badges, 72-hour passes for families and friends, and contractor work badges. They also issue badges for military and civilian family members.

Through the Defense Biometrics Identification System, background checks through the Georgia Crime Information Center can be done within a matter of minutes.

That allows the base to screen people before they even step foot on the installation.

"We're the frontline of defense

– a filter to the base," Garza said.

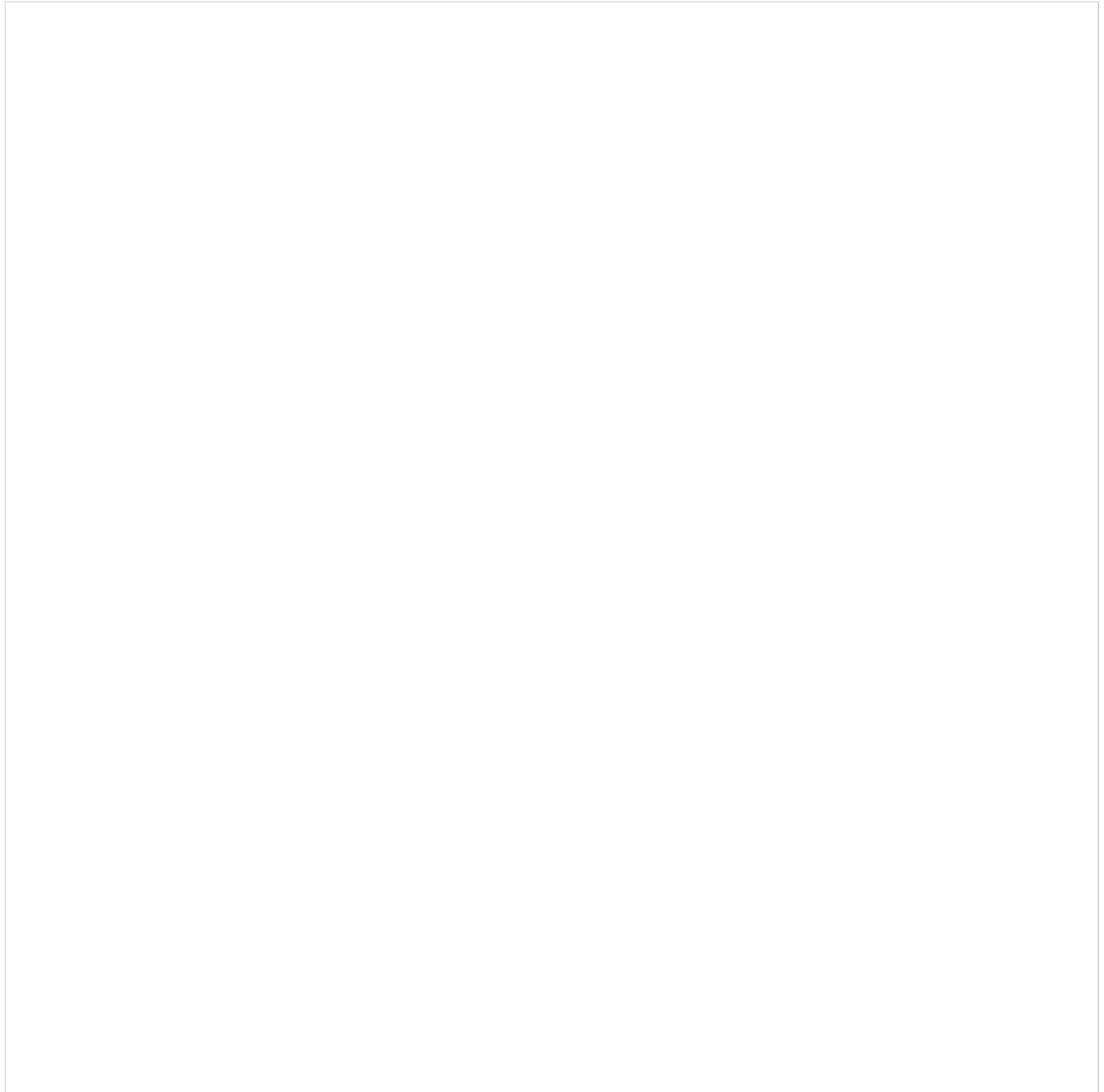
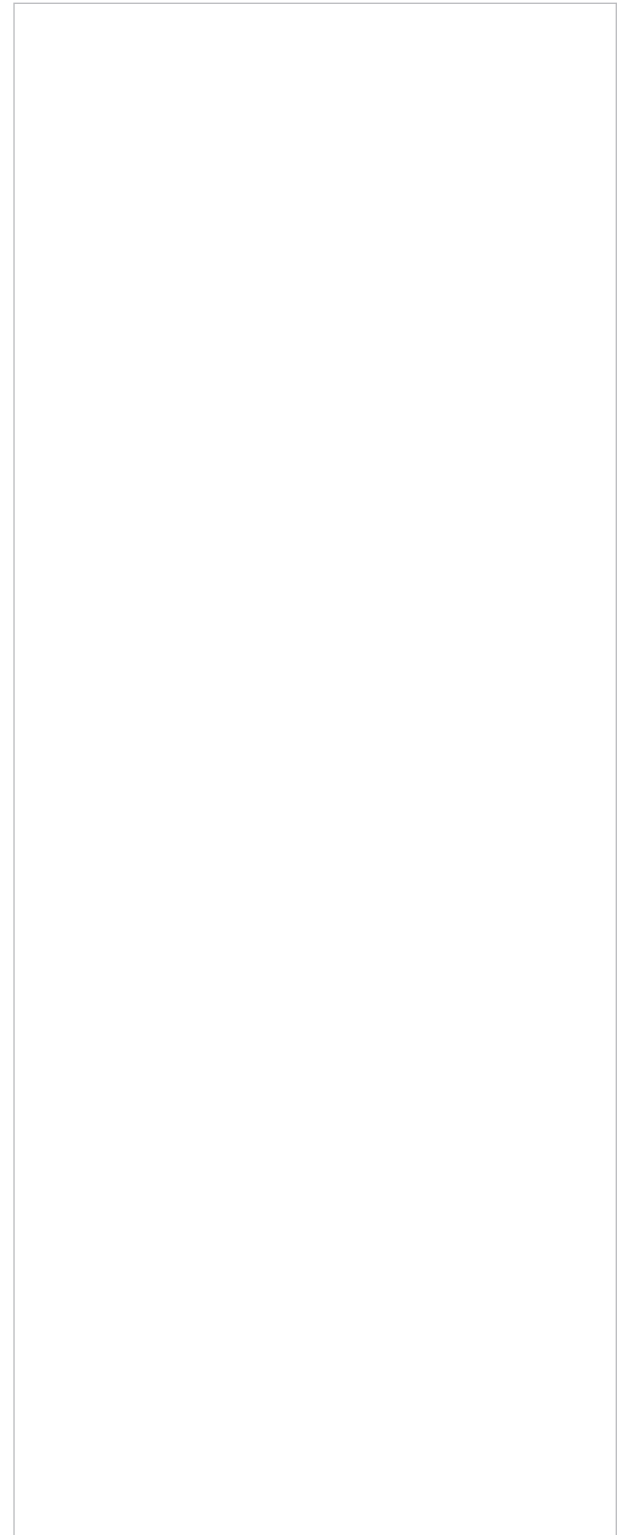
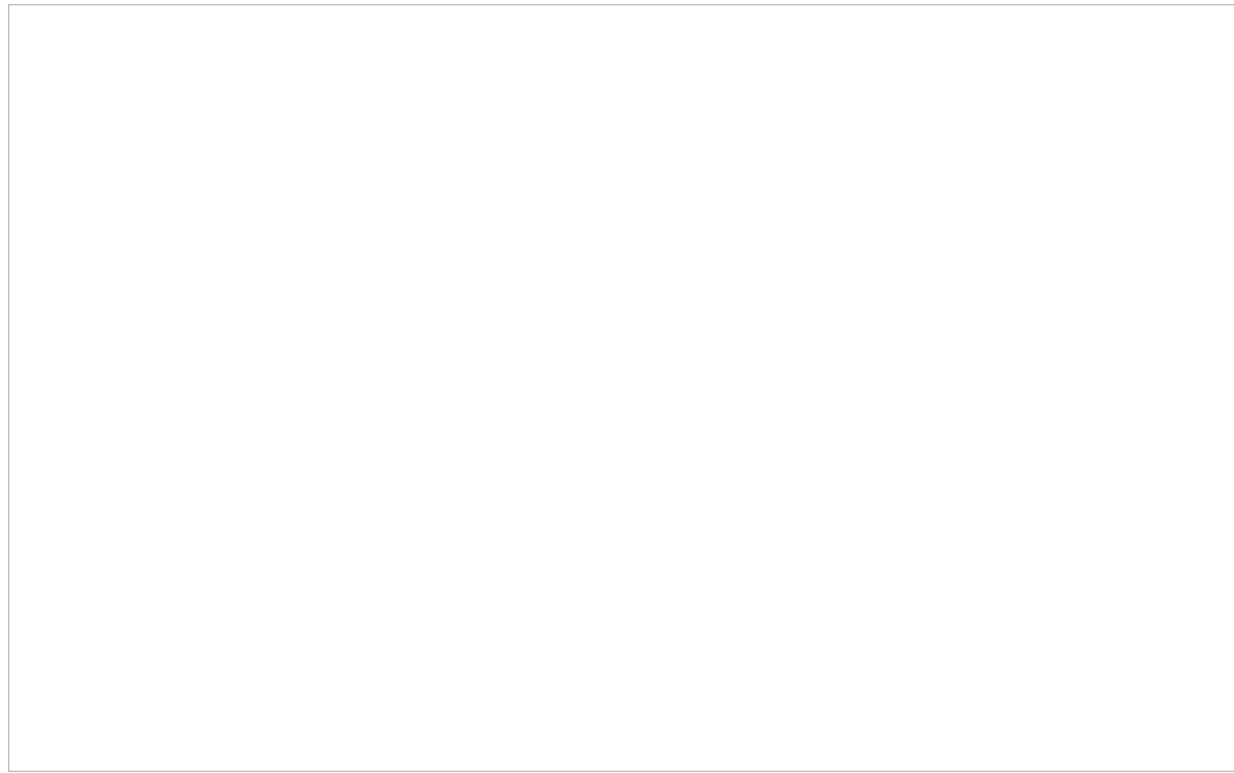
Because DBIDS is connected throughout the Air Force, it's able to flag fugitives and others, thereby preventing violent criminals from entering Robins or other bases.

Those who require access to the base need to bring two forms of identification, their automobile insurance card, social security card and the paperwork provided by their sponsor or employer.

Although wait times vary depending on the day and time, the average wait is between 10 and 15 minutes.

Sexual Assault Response Coordinator

The Robins AFB SARC is available 24 hours a day, 7 days a week. Phone: (478) 327-7272



AROUND THE AIR FORCE

Air Force temporarily transitions to contract maintenance for some units

BY SECRETARY OF THE AIR FORCE PUBLIC AFFAIRS

The Air Force will temporarily transition some legacy active-duty maintenance units to contract maintenance beginning in fiscal 2017 and continuing through fiscal year 2020.

The move to contract maintenance for some legacy non-deployable flying units and back shop maintenance will allow the Air Force to cross train about 1,100 experienced maintainers from legacy aircraft – *F-16 Fighting Falcon, A-10 Thunderbolt II, and C-130 Hercules* – into the F-35 Lightning II program.

There is a shortfall of 4,000 maintainers as a result of budgetary constraints that has significantly impacted our overall maintenance manning, said Lt. Gen. John Cooper, the deputy chief of staff for logistics, engineering and force protection.

“Changes in the geopolitical environment also require us to maintain our current fleet, rather than

divest legacy aircraft,” Cooper said. “All of this has affected our plan to transition maintenance manpower from legacy aircraft to the F-35A as originally planned.”

Cooper said contract maintenance is a short-term solution that ensures the Air Force remains on a steady path toward full operating capability for the F-35A as the maintenance career fields grow and strengthen.

“This is one of many deliberate measures we are taking to help manage this shortage of experienced aircraft maintainers until we can grow and develop our new accessions,” he said.

Additional initiatives to manage the maintainer shortage include: increasing the number of maintenance accessions; offering selective reenlistment bonuses as an incentive to improve retention; offering experienced former airmen the opportunity to return to active duty; offering high year of tenure extensions; implemented direct duty prior service accessions; implemented vol-

untary limited period of active duty; and evaluating total force manning solutions.

Locations affected include formal training units at Davis Monthan Air Force Base, Arizona, and Little Rock Air Force Base, Arkansas; A-10 Weapons Instructor Course and operational test and evaluation units at Nellis Air Force Base, Nevada.; F-16 aggressor maintenance at Eielson Air Force Base, Alaska; aerospace ground equipment units Anderson Air Force Base, Guam; Holloman Air Force Base and Kirtland Air Force Base, New Mexico; Peterson Air Force Base, Colorado; and Rota Air Base, Spain; and avionics units at Eglin and Tyndall Air Force bases in Florida.

Beginning in fiscal 2017, the Air Force will use an existing contract vehicle to begin the transition. As contract maintainers come onboard, military members will begin moving to operational units in the summers of 2017 and 2018. As accessions grow, it will allow the Air Force to phase out the contract support by 2020.

In Other News

Air Force implements Defense Department-wide maternity leave changes

WASHINGTON (AFNS) – As of Feb. 5, active-duty female airmen will receive up to 12 continuous, non-transferable weeks of fully paid maternity leave in accordance with Defense Department changes outlined in Defense Secretary Ash Carter’s Jan. 28 Force of the Future announcement.

The new policy applies to all airmen in the active-duty component, and those Reserve component service members on orders to active service for a continuous period of at least 12 months.

“This change – like many others we’ve made – will help ensure our high-performing female airmen can continue to serve both their families and the Air Force,” said Secretary of the Air Force Deborah Lee James. “In this case, these airmen can concentrate on their family without the undue stress or pressure associated with returning to their job on a short timeline. The change in policy carefully balances mission effectiveness with ongoing efforts to retain talent.”

This week in Air Force History



On February 18, 1965, B-57s and F-100s attacked Vietcong targets near An Khe in the first Air Force jet raids against enemy troop concentrations in South Vietnam.

Airmen who are currently on maternity leave will automatically be granted a 42-day extension. Those airmen currently on approved ordinary leave in conjunction with their maternity leave are authorized to convert their regular leave to non-chargeable maternity leave, not to exceed a total of 12 weeks.

Commanders cannot disapprove maternity leave, which begins imme-

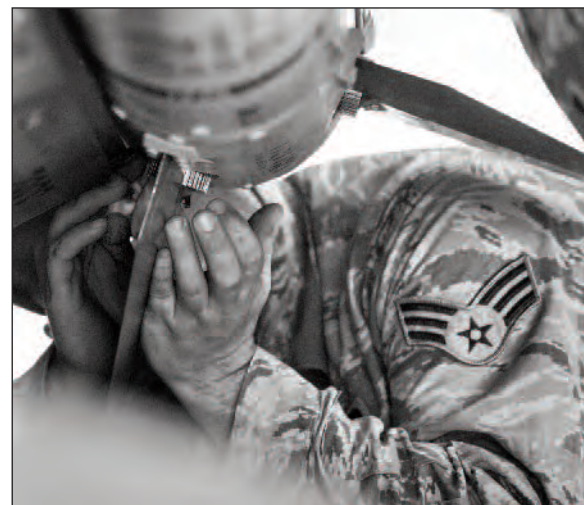
diately following a birth event or release from hospitalization following a birth event for a continuous 12-week period.

The policy in no way restricts commanders or medical professionals from granting convalescent leave in excess of 12 weeks if a medical authority deems leave is warranted.

Air Force culture, standards now in the palm of your hand

SHEPPARD AIR FORCE BASE, TEXAS (AFNS) – A series of mobile applications developed by the 367th Training Support Squadron at Hill Air Force Base, Utah, is giving airmen ready access to Air Force standards, culture and basic doctrine.

While the unit – part of the 82nd Training Wing’s 782nd Training Group at Sheppard Air Force Base, Texas – typically focuses on computer-based training in support of aircraft maintenance, its unique skill set proved a perfect match when the Air Force was looking for a way to put the “little blue book” and other core documents literally into the hands of airmen.



U.S. Air Force photo by SAMUEL KING

Lefty loosey, righty tighty

Senior Airman Christopher Mann, 96th Aircraft Maintenance Squadron Red, tightens a fin onto an advanced medium-range air-to-air missile while it’s loaded on an F-15 Eagle. Team Robins maintains F-15s.

“Our focus is mainly on developing computer-based training or videos for maintainers on the flight line,” said Tech. Sgt. Kaimi Pacheco, the app designer. “So developing mobile apps is a little out of the norm for us, which is challenging. The other products we create are mostly linear, or step by step, in nature, but when you’re developing apps you have to include functionality that lets the user go in many different directions.”

PERSPECTIVE

Black history museum is retired chief’s passion

BY CHIEF MASTER SGT. MATT PROIETTI

3rd Combat Camera Squadron

THOMASVILLE, Ga. (AFNS) – Winter is the busiest time of year at a black history museum here named after its founder retired Chief Master Sgt. James Roosevelt “Jack” Hadley.

A city native and retired airman, Hadley remains the driving force behind a collection of more than 5,000 items, most of them acquired locally.

“We have so many visitors in February for Black History Month that we can’t handle them all,” Hadley said. “We have to ask some to come in March.”

The 79-year old’s personal touch is all over the Jack Hadley Black History Museum, which is housed in a former elementary school.

As part of its month-long tribute to African-Americans, it will host a free Buffalo Soldier Heritage Festival from 11 a.m. to 4 p.m. Feb. 27.

Dr. Tom Phillips, co-author of “The Black Regulars: 1866-1898,” will talk about the original Buffalo Soldiers, blacks who served in the Army on the western frontier in the ensuing decades after the Civil War. Buffalo Soldier re-enactors will participate at the fest, as will members of a national motorcycle club named after the historic black GIs.

Hadley tends constantly to the collection, said retired Air Force Reserve Senior Master Sgt. Walter

Leslie, a member of the museum’s board of directors.

“He is the go-to guy for local black history. It’s his passion,” Leslie said.

Hadley grew up at Pebble Hill, a former Thomasville cotton plantation. Three decades after slavery was abolished, the property was purchased by an Ohio family who ran it for decades as a shooting estate where wealthy northerners hunted quail as an escape from frigid winters. It was still being used largely for hunting at the time of Hadley’s birth in 1936. The property now hosts tours, arts events, weddings and other celebrations.

Hadley joined the Air Force upon graduating Thomasville’s Frederick Douglass High School in 1956, eight years after President Harry Truman integrated the military services via an executive order.

“I was a supply guy, logistics, a box kicker,” he said. “I knew I had to bust my (butt), being black, to get recognized.”

He married a classmate, Christine Jackson, who had grown up on a different Thomasville plantation, Greenwood. They raised three children and moved 14 times during Hadley’s 28-year career. He started to develop a deeper interest in the American experience and achievements of those from his race in the late 1970s when he helped his son, Jim, put together a black history project for a school assignment when the family lived in Wiesbaden, West Germany. Hadley later presented it at his squadron before storing it for future use.

After retiring, the Hadleys returned to Thomasville, and the chief went to work for the U.S.

Postal Service. He displayed the research project at a church, where it caught the eye of the director of the Thomasville Cultural Center for the Arts and Heritage Foundation, who invited him to participate in the city’s Black History Month events. He started to collect local items of black history and eventually had so much that he began to think of how best to share it with others.

Hadley signed a deed for the school property in 2003, paying \$10 for the 7-acre site and \$10 for surplus furniture. He raised \$82,000 in the next few years, enough for the museum to open its doors in December 2006. He estimated that two-thirds of the collection is material from the surrounding area, giving visitors a feel for the lives of local African Americans from slavery, through the post-Civil War reconstruction period and into the Jim Crow era. Hadley experienced the latter firsthand as a child and teen. The museum features extensive information about early black educators in Thomas County and has a tribute to Dr. Carter G. Woodson, an author and historian who, in 1926, started a week-long celebration of black history that expanded to Black History Month 50 years later.

Hadley co-authored the 2000 book “African-American Life On the Southern Hunting Plantation” with Dr. Titus Brown, associate professor of African-American history at Florida A&M University, after conducting many interviews with his elders from Pebble Hill and surrounding plantations.

–To read the full story, visit <http://www.af.mil/News/ArticleDisplay/tabid/223/Article/653823/black-history-museum-is-retired-chiefs-passion.aspx>.

Related:

See Macon Tubman Museum story

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ROBINS REV-UP

SUBMISSION GUIDELINES

Submissions must be received by 4 p.m. Wednesday, the week prior to the requested Friday publication.

They should be e-mailed to lanorris.askew.ctr@us.af.mil and vance.janes@us.af.mil

Submissions should be of broad interest to the base populace. For information, call Lanorris Askew at 472-0806.

DELIVERY

To report delivery issues, call 472-0802. The Robins Rev-Up is published by The Telegraph, a private firm in no way connected with the U.S. Air Force, under exclusive written contract with Robins Air Force Base, Ga.

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COMMAND INFORMATION CHIEF
Geoff Janes

EDITOR
Lanorris Askew

PHOTOGRAPHERS
**Ray Crayton
Tommie Horton
Misuzu Allen**

STAFF WRITERS
**Jenny Gordon
Angela Woolen
Holly Logan-Arrington**

COMMANDER
Col. Jeff King

HOW TO CONTACT US

Robins Public Affairs
620 Ninth Street,
Bldg. 905
Robins AFB, GA 31098
478-926-2137
Fax 478-926-9597

THUNDERBIRD

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“It’s a really cool opportunity to go week to week to air shows and put on a high-performance jet demonstration,” said Petz, a South Dakota native who’s wanted to be a pilot since he was 9-years old.

“There’s a ton of work that your community members are putting into the air show that’s coming up in October, and it starts this far out,” he said. “We want to make sure your airfield is ready to go for the show, and it is – it looks great.”

Petz was accompanied by Staff Sgt. Conrad Nelson, a tactical aircraft maintainer, both flying in a two-seat model. He explained that when Thunderbirds conduct an air show, they have a fairly large footprint of 106 people on a team. That includes active duty Air Force, civilians, Reservists and Air National Guard personnel.

“There’s so much enjoyment from being able to represent these airmen that are serving,” said Petz. “We also get out and get involved in the community; we talk at schools; we go to hospitals; and we get involved with Make-A-

Wish. The fun and rewarding events that we do in the community is also awesome.”

In less than eight months, one of the most anticipated events in Middle Georgia will take place right here at Robins. According to Petz, this year’s show season will begin Feb. 21 at the Daytona International Speedway in Daytona Beach, Fla., and will include 67 shows in 36 locations in more than 26 states.

Site surveys such as this allow team members to not only generate publicity, but to also get “eyes on,” said Petz.

It gives him visual reference points so he can get an up-close of the air space since the team performs a very “visual maneuvers package.”

A site visit is very much conducted for safety reasons, he added, giving the example of where the team will park jets while on station so it doesn’t affect the crowd area.

Editor’s note: “America’s Ambassadors in Blue,” whose last visit to Robins was in 2009, will include a team of 65 people. Along with eight F-16 aircraft, a C-17 support plane will also be present, carrying additional personnel and equipment.

Sometimes everyone needs a little help ...

Chaplain – 926-2821
EAP – 327-7588
Suicide Hotline – (800) 273-TALK (8255)

EMXG

Continued from A1

at any one time in the shop, which formerly numbered in the 40s, has also been reduced to about 14 at any given time.

“Just like aircraft, when they limit the number of aircraft they’re allowed to work in any gate, we’re doing the same thing,” said Carol Ercey, 566th EMXS Exchangeable Product Support Center chief.

C-12 gyros are a critical avionics component the shop’s technicians repair and maintain for the Air Force’s C-130 Hercules. They are simulated within the shop’s production gates, where they’re meticulously calibrated, repaired, tested and sealed before return to the supply chain.

“These gyros basically control the pitch and yaw of an aircraft. That’s why they have to be so concise,” said Elvis Bryant, 566th EMXS Radar supervisor. “When you’re flying, you want to make sure your wings are level. You don’t want to have the plane pitch at the wrong angle – it’s got to be right.”

Pitch and yaw refers to a plane’s stability and control, how it moves and rotates up and down, and from

side to side.

Defining a clear picture

In the beginning, in reorganizing its shop’s production lines, there wasn’t a clear picture of what was needed to produce an asset within a month, for example. Instead of saying 30 units needed to be produced in 30 days, the science of Little’s Law was implemented, which examines the fundamental relationship between WIP, throughput and flow time.

This relationship is critical because when you let the system work the way it’s supposed to, while it will take time, you will see results.

Instead of a monthly goal for C-12 gyros, technicians focus on a daily unit goal. Its current requirement is to produce two units per day.

“That number keeps my assets flowing properly through the machine, which in turn gets your flow days down to a constant,” added Orta. “If I have assets flowing all the time, I never have assets just sitting. That’s what was hurting us before.”

“Everyone on the team knows exactly what they need to do today,” said Ercey, “and if they had a successful day yesterday.”

In the AFSC’s AoP playbook, all production systems include an average throughput, a WIP and flow time. The organization’s leadership model emphasizes speed, quality, safety and cost effectiveness in its operations.

Like many squadrons across the Warner Robins Air Logistics Complex, the 566th EMXS conducts daily morning tier meetings, holding team members accountable for production numbers. They pour over charts that detail flow days and WIP, discussing asset requirements and performance levels.

An exciting revelation from the production line in Bldg. 158 is the control of assets that are inside its facilities. No longer are there 1,000 units in the building – that number has been drastically reduced to fewer than 300 units – with higher productivity as a result.

“It goes back to the science of the AFSC Way and AoP,” said Orta. “It tells you if you have too much WIP that you’re going to fail, bog the system down. So we lowered that WIP and now we’re increasing our throughput.”

“It really has worked,” said Ercey. “That gets you the team buy-in, because once they see it does work, then everyone embraces it.”



Thought for the Day

"When the power of love overcomes the love of power the world will know peace."

— Jimi Hendrix



What's inside

Nutrition and Heart Health, B2

Stormwater Straight talk, B3

Lighter Fare

THE ROBINS REV-UP ■ FEBRUARY 19, 2016

THE PLACE TO LIVE, LEARN, WORK AND PLAY



One Tank Trips

Looking for something to do off base, but not sure where to start? Well, we've come up with a recurring series of stories and videos that's just right for you. "One Tank Trips" features day trips that – depending on what you drive – most folks can take using a tank of gas or less.

The trips will focus mostly on Middle Georgia, and they won't cost an arm and a leg. So grab your keys, fill up your tank and let's go explore!

Exploring history at the Tubman Museum

BY ANGELA WOOLEN
angela.woolen.ctr@us.af.mil

The color on the front of the building is red or yellow, a color found in West African structures, according to Andy Ambrose, executive director.

The 49,000-square-foot structure is home to African American art, history and culture. It also regularly hosts school-aged tours complete with reenactors who dress up as the museum's namesake, Harriet Tubman, as well as other important historical figures.

Harriet Tubman was considered the "black Moses" because she led hundreds of slaves to freedom before the Civil War. She was also employed by the Union Army during the war. On the second floor of the museum is a tribute to her with a statue and photographs as well as a biography of her life.

On the first floor is an exhibit by Jim Alexander, an award-winning photographer. It features powerful images from the civil rights movement and Ku Klux Klan members. Alexander will speak at the gallery Monday at 6:30 p.m.

Permanent galleries include African American inventors. Some of the products that have been invented by African

WHAT TO KNOW

Tubman Museum, 310 Cherry St., Macon, Ga. 31201
For more information, call 478-743-8544 or visit www.tubmanmuseum.com



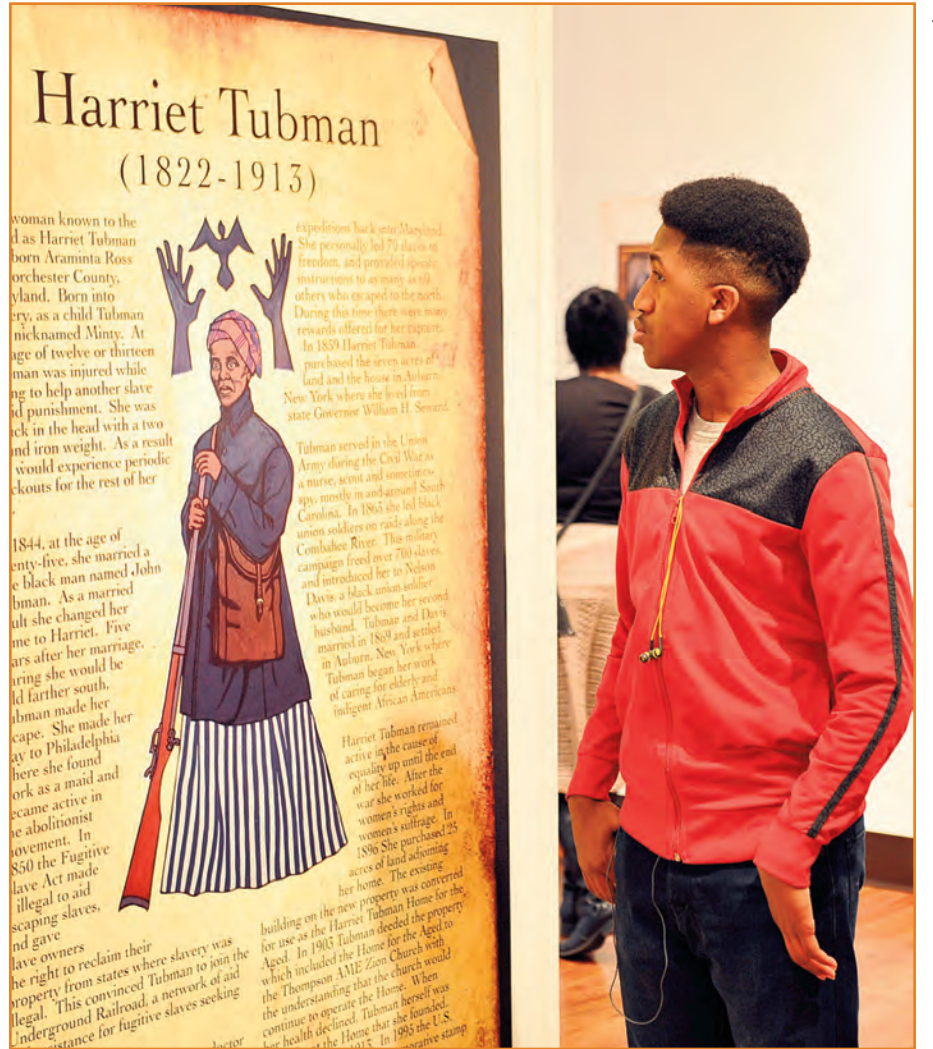
Check out the video story on the Robins Facebook page or on the official Robins website at www.robins.af.mil

Americans include gas masks, fire extinguishers, pencil sharpeners and the Super Soaker water gun.

As a tribute to African American music, Little Richard's piano stands in a hallway lined with posters of James Brown, Otis Redding and Ray Charles.

Around the second floor are 3-D works of art including sculptures of a lion and leopard which were created by O.L. Samuels. He used alligator teeth, hair from wigs, and marbles for the eyes for the lion figure.

"It's a unique museum for the fact that it's one of a few museums in the nation that focus on African American art, history and culture," Ambrose said.



U.S. Air Force photos by TOMMIE HORTON

Above, Nevelin Wright (left) and Lettie Johnson admire an exhibit in one of the Tubman Museum's spacious art galleries.

Below, Deanthony Holness, 14, browses an art gallery at the Tubman Museum.



From left, Blake Johnson, 9, snaps a photo while touring the museum. Forrest Evans, Tubman Museum staff member, leads guests along a guided tour through the Tubman. The museum features a variety of artistic, cultural and historical exhibits. Treasures such as Little Richard's piano and Eddie Kirkland's guitar are among the items on display.

A BETTER YOU

There's more than one way to a healthy heart

BY HOLLY LOGAN-ARRINGTON

holly.logan-arrington@us.af.mil

A healthy heart doesn't come by exercise alone. Ensuring heart health involves a combination of regular exercise and the right diet.

Marita Radloff, Health and Wellness Center registered dietitian nutritionist, said including whole grains like 100 percent whole wheat bread, brown rice, whole wheat pasta and oatmeal, is part of eating heart healthy.

Beans and legumes, along with monounsaturated and polyunsaturated fats, found in oils and fatty fish like salmon, tuna and mackerel, should also be part of the plan.

"Studies have shown that people who consume whole grains tend to be leaner and have a lower risk of heart disease than those who don't," she said.

"This is probably because whole grains contain antioxidants, phytoestrogens and phytosterols that are protective against coronary disease.

"Whole grains are also higher in fiber than their refined grains counterparts," she added.

To fight heart disease, women should consume at least 25 grams of fiber daily, whereas men should eat at least 38 grams a day, Radloff said.

"A high-fiber diet, which is rich in whole grains, beans, fruits and vegetables has been linked to a 40 percent reduced risk of heart disease compared to those who eat a low-fiber diet," she said. "Our bod-



U.S. Air Force file photo

Marita Radloff is the Health and Wellness Center's registered dietitian nutritionist.

ies can't digest fiber, so when certain types of fiber bind to bile acid, a component in fat digestion that our bodies make from cholesterol, the fat is expelled, and isn't left circulating in the blood, leading to clogged arteries. That leads to a lower risk for heart disease."

Radloff said beans are a good fiber source.

"Beans are heart healthy because they contain soluble fiber, the type of fiber that binds bile acids, or fat, and prevents plaque formation," she said.

"They may also help control blood sugar in people with diabetes, which is the key in avoiding diabetes

complications, like heart disease. Eating good fats can help heart health too, Radloff said.

When monounsaturated and polyunsaturated fats are included in a balanced diet of whole grains, fruit and vegetables, heart attack risk was reduced by 30 percent in those with an elevated risk of heart attacks.

Including two or more servings of fish per week also cuts the risk of developing coronary heart disease by 30 percent, Radloff said.

Oily fish, like salmon, tuna, sardines and mackerel, contain the omega-3 fatty acids essential for heart health. Other omega-3 fatty acid sources include flaxseeds, walnuts, canola oil and soybean oil.

Radloff said use marinades or rubs when grilling. "When grilling meats, you should only grill until they reach the appropriate food safety temperature and avoid charred marks, as these can contain cancer causing compounds," she said.

If baking, use spices, herbs or salsas to flavor meat.

When sautéing or stir-frying, use vegetable oils like canola or soybean, peanut oil, grape seed oil, or avocado oil. For an extra boost of heart healthy oils, use extra light olive oil or virgin olive oil.

Finally, use flaxseed oil, extra virgin olive oil, pumpkin seed oil, or unrefined walnut oil for heart-smart salad dressing.

Editor's note: For more heart nutrition tips, call the HAWC at 478-327-8480.

AFMC's Cancer Prevention Awareness Campaign

Robins' Civilian Health Promotion Services will host an educational briefing on cancer prevention Wednesday from 1 to 2 p.m. at Bldg. 301 Fitness Center Annex.

During the month of February, Air Force Materiel Command is promoting its Cancer Prevention Awareness campaign.

The goal of the campaign is to inform the AFMC workforce on ways to

reduce their risk of developing lung cancer and colorectal cancer. Among cancers that affect both men and women, lung cancer and colorectal cancer are the two leading causes of cancer-related death in the U.S.

Editor's note: For more info on National Cancer Prevention Month, visit AFMCwellness.com or call Robins CHPS team at 478-327-8030.

— Staff reports

Just because it's flushable, doesn't mean you should

BY RANDY STILLWELL
Water Quality Program manager

They're wreaking havoc on our sewage systems.

While some wipes are labeled as flushable, there's little evidence that wipes break down in the sewer system like toilet paper.

When wipes are flushed, they can easily get clogged in pipes and pumps where other items that shouldn't be sent down the drain like cooking grease.

The majority of clogs in city water systems are reportedly the result of wipes and grease. These clogs can result in spills into our waterways.

But pipe clogs aren't the only damage wipes can cause. Wipes also clog screens and break equipment at wastewater treatment plants.

The use of wet wipes in the home – particularly for babies – has been common for decades. However, consumption of wet wipes has nearly tripled in the last decade with the addition of adult



wipes. Studies show that toilet paper almost instantly begins breaking down within seconds of flushing. Wipes, on the other hand, can take an average of ten flushes (in some cases up to 100) to begin breaking down.

An effort to enforce proper labeling of wipes as flushable or non-flushable is now being spearheaded by lawsuits against manufacturers over costly home and municipal repairs.

The International Nonwovens and Disposables

Association created a no-flush logo to aid manufacturers with proper labeling. However, the location of this logo is not specified and is often hidden in the fine print.

If it's present at all.

Collaboration between the Water Environment Federation and the American Public Works Association is underway to properly define flushable and design more biodegradable wipes.

Many local and state governments are attempting to establish legislation for proper labeling of wipes.

Remember, just because an item can go down the toilet, doesn't mean it should.

If you're not sure about the degradability of your flushable wipe, opt for the trash can to alleviate pressures on the sewer system at your home and within the community.

For more information, call 468-9645.

Editor's note: Stormwater Straight Talk is a quarterly column intended to educate and inform base personnel about stormwater pollution.

**PRIVATE
INFORMATION
IS WORTH
KEEPING
HIDDEN**

Protect
Your
Personal
Information

**Think twice,
energy has a price.**

