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ROBINS REV-UP

'Team Robins - Performing to Our Potential'

'Making Tomorrow Better than Today'

Jan. 9, 2015 Vol. 60 No.1

Home Away from Home

START YOUR ENGINES

BY JENNY GORDON

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Even aircraft engines removed from powerful Air Force weapon systems need an oil change every now and then.

As part of our ongoing "Home Away from Home" series, which debuted last September, our in-depth coverage over the last four months has highlighted various stages of the programmed depot maintenance of a C-130H at the Warner Robins Air Logistics Complex.

During Gate 4 when scheduled inspections occur, outboard engines on the aircraft were removed in early December and routed to the C-130 Engine Shop in Bldg. 44.

After all, you can't do anything with an aircraft if nothing is there to power it up. That's where the engines come in.

And to make sure they're safely and properly maintained, a crew of at least three people arrived from the engine shop to first remove any connections each engine has to the plane, including just four bolts. Once that's done, safety caps and plugs are installed, and a crane gently removes and lifts the precious cargo for transfer to its temporary home a few hangars away.

So what happens when a 5000-pound engine is hauled in? First, mechanics open up all the cowlings – the metal covering the entire engine, to take a closer

"We change the oil, all the filters; we lubricate it; we check for minor problems, and then we put it back together."

– Stephen Welchel
560th Aircraft Maintenance Squadron Engine Shop supervisor

look inside. Then, the oil is drained and oil filters are carefully checked for any contaminants that could indicate an engine is malfunctioning.

That's one of many things the engine shop mechanics look for to ensure they have a good engine.

Sometimes when bearings start to go bad, it will vibrate, which then causes metal shavings to get bigger and bigger until they're picked up in the oil, magnetic particle plugs or in the engine's filters.

If no metal particles are detected in the oil magnetic plugs or engine filters, the fuel and hydraulic filters are removed and replaced. Then inspections begin.

"We change the oil, all the filters; we lubricate it; we check for minor problems, and then we put it back together,"

▶ see ENGINES, 2



U.S. Air Force photo by ED ASPERA

Patrick Dixon, left, and Ronald DeFreitas, both C-130 mechanics, move an outboard engine which has been removed for maintenance during the PDM process.



CDC earns accreditation

BY HOLLY LOGAN-ARRINGTON

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The Robins Air Force Base Child Development Center staff works hard to provide base children with a great environment to learn and play in, and they've got the credentials to prove it.

The CDC's Airmen and Family Services Flight's child and youth programs recently earned its latest accreditation from the National Association

for the Education of Young Children.

The Air Force Child Development Center Programs are governed by Air Force regulation, to include Department of Defense guidelines for compliance in areas of fire, health, safety, programming and business.

The NAEYC addresses the program quality and heart of the

▶ see CDC, 3

Base nominated to develop AF insider threat program

BY JENNY GORDON

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Robins has been nominated as a future test wing candidate for the development of the Air Force's insider threat program.

Still in its early stages, preparation is underway for a spring visit here by members of Carnegie Mellon University's Software Engineering Institute, under contract by the Office of the Secretary of the Air Force, to gather information to help develop the program.

"The insider threat program is about being proactive versus reactive," said Angela Vasser, the installation's Information Protection chief, and a member of the Air Force's Insider Threat Working Group. "An insider threat can be anything from unauthorized disclosures of national security information to

workplace violence."

The program under development seeks to learn more about existing policies, procedures and activities, such as those in place at Robins, in order to prevent and mitigate harm, according to Vasser.

For example, one program in place is the Continuous Evaluation Program which establishes a chain of communication in order to highlight any security concerns should an individual be flagged for any potentially disqualifying information.

"It's all about having an information-sharing platform," she said. "The intent is to help develop what the Air Force insider threat program is going to look like and how existing processes can be leveraged."

"By having this site visit, Robins will be able to provide information so that data can be

used to develop an (Air Force-wide) implementation plan," she added.

Insider threats are when someone on the inside uses authorized access to do harm to the security of the Air Force and U.S. That threat can include damage through such things as espionage, terrorism or loss or degradation of departmental resources or capabilities.

Protecting national security remains a high priority across the Defense Department due to several high-profile incidents in the past.

Those included the 2009 shootings at Fort Hood, Texas; the 2010 leaks of classified military and diplomatic documents to WikiLeaks by Army Pfc. Bradley Manning; and National Security Agency contractor Edward Snowden, who stole highly-sensitive, classified intelligence information in 2013.

FRIDAY FLYBY: Base evaluating floor drains and sinks in industrial areas, Page 6

MOA seeks marathon volunteers

The Museum of Aviation Foundation is sponsoring its annual marathon, half-marathon and 5K, which will take place Jan. 17. Last year, more than 1,500 racers from all over the world participated, and more than \$70,000 was raised for our local museum, thanks to the efforts of more than 120 volunteers.

For those wishing to volunteer to assist with the race, contact Capt Ryan Schleiden at (724) 272-4923, by email at ryan.schleiden.1@us.af.mil, or Senior Airman Marie Palma at (318) 547-2723 or marie.palma@us.af.mil by Jan. 14.



Auto Crafts Club to hold first membership meeting

Robins Air Force Base's Wood Crafts Club will hold its first general membership meeting Jan. 22 at 5 p.m. in the Heritage Club Ballroom.

Meetings will bring all potential members up to date on safety rules, fees, hours of operation, opening dates. They will also begin taking membership applications for those interested in joining the club.

Weekend Weather

Friday 45/23



Saturday 46/31



Sunday 45/41



"Broken tools can be replaced. You can't."

SECOND FRONT

See Something? Say Something. Text AFOSI and your tip to 274637.

Let's Get the Show on the Road



U.S. Air Force photo by RAY CRAYTON

There are several road construction projects happening this month.

The first involves traffic signal improvement that will upgrade the traffic signal at Richard Ray Boulevard and Robins Parkway to be similar to the one at Watson Boulevard and Robins Parkway. Construction began this week.

The project will result in improved driver safety, reduce queue time at the light and reduce maintenance. Construction is estimated to last 45 days, weather permitting.

The contractor is required to keep the intersection open with the existing signal operational. Pedestrian pathways may be impeded due to heavy equipment. Periodic lane closures outside of peak traffic flow times will be needed to erect and hang signal heads.

Beginning Monday, a project will repair and repave damaged sections of the Perimeter Road/Perimeter Road Extension 'Y' intersections near Bldgs. 43 and 59. Construction is expected to last 21 days, weather permitting.

During the construction, Perimeter Road and Perimeter Road Extension will be closed but not simultaneously. The road not closed will allow two-way traffic flow, and the contractor will have signage and a flagman on site to ensure specific traffic flow is known. Parking along Perimeter Road and Perimeter Road Extension will be limited or closed to minimize disruption to the construction and maximize traffic flow.

In related news, work has continued on the milling and paving of Milledgeville Street. The project removes existing asphalt and road-base material. A total of 25 parking spots located on the street will be closed until the estimated completion date of Jan. 24.

The street will be partially or fully closed for three weeks as work is phased to minimize impact. Phase 3 and 4 will close entire sections of the street with the final work involving striping of the new asphalt. Inclement weather can delay all these projects. Drivers are urged to exercise caution during this time.

ENGINES

Continued from 1

said Stephen Welchel, 560th Aircraft Maintenance Squadron Engine Shop supervisor.

The engine, which takes 40 quarts of oil, is inspected from front to back as part of its 56-hour work package. They'll look for hoses that are out of date. Teflon, for example, can be used indefinitely; rubber hoses wear out and must be changed.

Clamps and bushings are checked; the entire engine is checked for signs of any cracks, and six fuel nozzles are removed, checked and reinstalled. Boroscopes are used to visually inspect all the engine's blades for any chips and cracks.

Just like in a car, an aircraft's engine contains an igniter, located at the back.

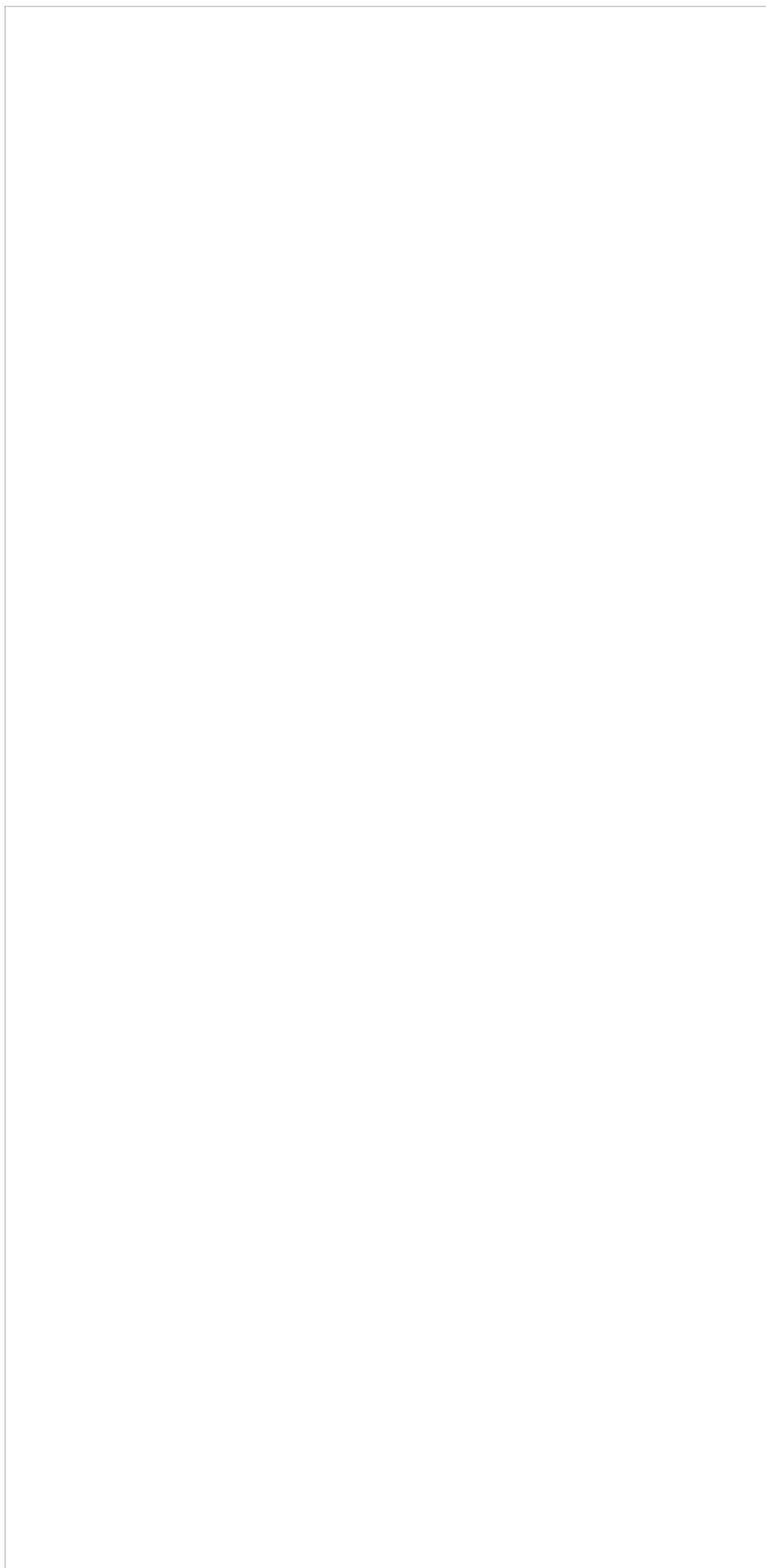
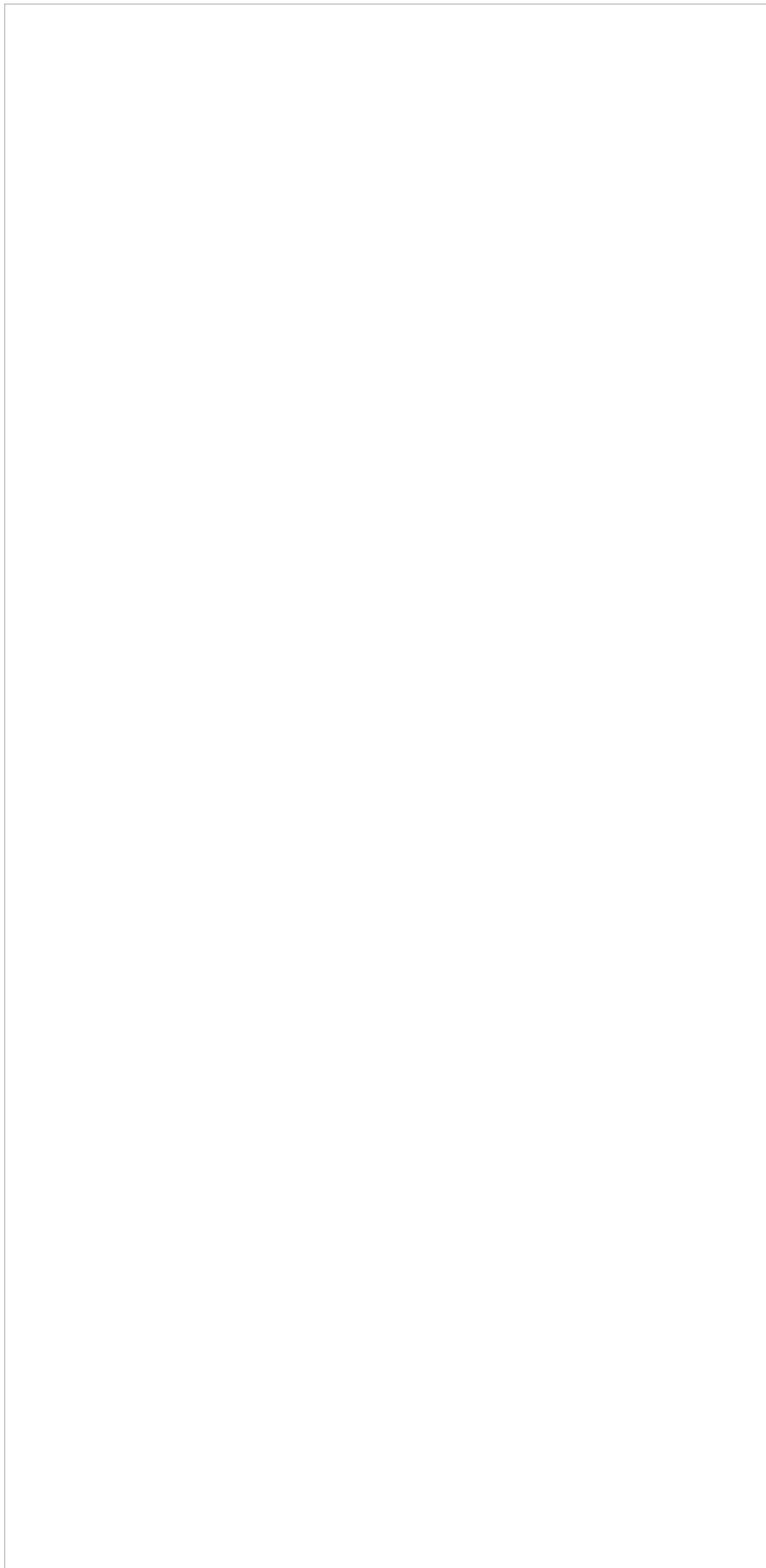
"It's nothing more than a spark plug," said Welchel. "It just takes one time to start things up, then it sits there until it's needed again."

Once you have ignition, the turbine turns providing the pilot with bleed air, hydraulic, AC and DC power, and the torque necessary for take-off and flight.

Few if any pieces from the inside are completely removed from the engine. If major damage is found, it's a phone call to home station to see what the customer wants done.

As part of that work, the engine's propellers, which take 22 quarts of hydraulic fluid, are also inspected. Its edges are checked for any chips, possibly as a result of rock damage.

On this day's inspections everything looked good, and there were no oil contaminants, according to Welchel.





U.S. Air Force file photo

The Robins Child Development Center staff works hard to provide base children with a great environment to learn and play in. The programs provide support to the installation mission. The development of the whole child requires support in areas to include strengthening and enhancing the children mentally, emotionally, physically, socially and cognitively.

CDC

Continued from 1

program, Tricia Gurr, the CDC's Airman & Family Services Flight chief, said.

"Overall, the Air Force's focus is to provide parents with available, affordable and quality childcare and youth programs," she said. "The programs provide support to the installation mission. The development of the whole child requires support in areas to include strengthening and enhancing of the children mentally, emotionally, physically, socially and cognitively."

Child development programs service children 6 weeks to 5 years of age providing opportunities for children to play, socialize and become active members of their own age group and peer community, Gurr said.

"The children learn through play how to apply the principles and values learned at home and school to their daily lives," she said.

The program was initially accredited several years ago, and recently achieved its second re-accreditation which is valid through Oct. 1, 2019.

The CDC's latest accreditation is a testament to the center's commitment to Robins Air Force Base children, Gurr said.

"High-quality programs provide a safe and nurturing environment while promoting the development of young children," she said. "NAEYC-accredited programs show their quality by meeting the 10 NAEYC Early Childhood Program Standards, which are based on the latest research on the education and development of children."

Accreditation is a goal that requires continuous improvement and growth while promoting the development of young children, Gurr said.

"It's apparent in the staff's tenacity that they were going to achieve this incredible honor one way or another, and without question proved it," she said. "The CDC program is accredited and shows the level of professionalism and dedication needed to even embark on such a journey."

"The staff will have to work even harder to take the program to the next level, and there's no doubt that in the next five years we'll have grown even stronger in providing a safer and more nurturing learning environment for the children at Robins Air Force Base," she said.

Editor's note: The center's programs cover: Child Development (6 weeks to 5 years); Family Child Care (2 weeks to 12 years); Youth Center (9 to 12 years); School Age Program (Kindergarten through 12 years); Teen Center (12 to 18 years); and the Airman & Family Readiness Center is available for military and spouses.



AROUND THE AIR FORCE

JSTARS Recap stands up

HANSCOM AIR FORCE BASE, Mass. – As the Air Force’s No. 4 acquisition priority, the Joint STARS Recapitalization program continues to progress through risk reduction efforts and refine requirements, all the while growing in size and significance.

The Recap was designated its own division within the Battle Management Directorate at Hanscom Air Force Base recently.

With the new division beefing up in personnel and resources, the team has its sights set on preparing and managing the next cycle of contracts leading up to the Engineering, Manufacturing and Development phase anticipated to begin in 2017.

At the helm of the new division is Col. David Learned, a 19-year defense acquisition veteran and former resident of Hanscom. As the JSTARS Recap senior materiel leader, there will be no more than two levels of review between Learned and the milestone decision authority.

The JSTARS Recap Division is comprised of three departments: a systems engineering, integration and test branch; a platform branch responsible for aircraft and communications; and a mission systems branch responsible for radar and battle management command and control. All will work together to integrate and field a complete weapons system solution.

“Currently, the legacy Joint STARS office has less than 10 people as the program moves into sustainment at Robins Air Force Base after the transition from the Electronic Systems Center to the Air Force Life Cycle Management Center in 2012. As of Jan. 1 there is no remaining legacy Joint STARS support at Hanscom as the capability and mission shifts focus to the new, modernized weapon system during the next decade.

Since hosting an industry day in April, the Recap team continued the risk reduction phase of the effort by spending \$18.5 million in subsystem risk reduction contracts with industry for radar and BMC2 systems.



U.S. Air Force file photo by MASTER SGT. ROGER PARSONS

Team JSTARS aircraft crew chiefs recover an E-8C Joint STARS returning from a mission in support of Exercise Iron Dagger at Robins. The 116th and 461st Air Control wings created the first ever Iron Dagger exercise which involved more than \$1 billion worth of joint service assets from four different states and included Air Force, National Guard, Army, Navy and U.S. Customs and Border Protection personnel and equipment.

In Other News

Boeing completes successful first flight in KC-46 Program

WRIGHT-PATTERSON AIR FORCE BASE, Ohio – The KC-46 development program completed its first flight of Engineering, Manufacturing and Development aircraft #1 Dec. 28.

The aircraft is a provisioned 767-2C freighter and is the critical building block for the KC-46 missionized aerial refueler.

The maiden flight took off at 9:29 a.m. from Paine Field in Everett, Wash., and landed three hours and 32 minutes later at Boeing Field in Seattle.

“Getting in the air is a critical step in the development of this important capability for the warfighter,” said Brig. Gen. Duke Z. Richardson, Program Executive Officer for Tankers at the Air Force Life Cycle Management Center. “The team at Boeing has done a remarkable job creating an

entirely new aircraft that will soon become the backbone of our ability to project power anywhere in the world.”

AF government travel cards receive tech upgrade

WASHINGTON (AFNS) – Beginning this month, Citibank is issuing chip and PIN-enabled government travel cards to new card applicants, individuals whose cards expire in 2015 and individuals who have reported lost or stolen cards.

This is the first phase in a multi-phased rollout, which enhances security and convenience of government travel and pay systems.

The new cards are embedded with a microchip that provides for transaction encryption and an elevated level of authentication.

Chip and PIN technology strengthens data security, better protecting cardholders’ personally identifiable information, as well as

the government’s sensitive transaction and payment data.

“The cards are yet another tool to combat potential fraud,” said Eric Cuebas, the director of Air Force financial services. “By working together with chip-enabled terminals, they ensure a more secure transaction by validating both the card and cardholder.

“Additionally, Citi’s chip and PIN cards don’t use radio frequency functionality and are strictly contact-only cards. They’re not susceptible to the skimming issue encountered by radio frequency identification cards.”

All cardholders should log into CitiManager and review mailing and email addresses and contact information under “My Card Account/Card Maintenance.”

The cardholder can also review their information using the account listing report in Citibank’s custom reporting system.



U.S. Air Force photo by MASTER SGT. SCOTT THOMPSON

Hitchin’ a ride

Senior Airman Tyler Trocano, left, and Tech. Sgt. Matthew Spittler wait for extraction on a CH-47 Chinook helicopter from the Illinois Army National Guard during a recent exercise. Both Airmen are Joint Terminal Air Controllers from the 148th Air Support Operations Squadron, Fort Indiantown Gap, Pa.

PERSPECTIVE

SecAF talks priorities – no fiscal 2015 involuntary programs

COLUMBUS AIR FORCE BASE, Miss.

(AFNS) – Secretary of the Air Force Deborah Lee James visited Columbus Air Force Base Dec. 17 and 18, where she met with Airmen of all ranks and flew on a training flight in a T-38C Talon.

She also conducted an all call, where she discussed her top priorities as the secretary of the Air Force.

James said she predicts 2015 will be another challenging year on the world scene, and that the Air Force will continue to be on the front lines.

She said because of that, she’ll continue to focus on her top three priorities: taking care of people; increasing readi-

ness; and making every dollar count.

Prior to her visit to Columbus, the secretary announced there will be no involuntary force management programs in fiscal 2015.

She also said the Air Force’s readiness has gone down during the past few years.

The year of sequestration was a particularly bad year, and we definitely need to get our readiness levels up across the Air Force,” the secretary said. “That’s precisely why we chose to invest additional billions of dollars into our readiness accounts like training and infrastructure going into the future.”

James said the Air Force is high-tech and



U.S. Air Force photo by ELIZABETH OWENS

Members of the 14th Medical Group meet Secretary of the Air Force Deborah Lee James outside of the Koritz Clinic during her visit to Columbus Air Force Base, Miss. Along with touring some of the base facilities, James sat down with groups of Airmen to answer questions, and learn more about their daily missions.

part of becoming, and remaining, the best 21st century Air Force requires the best technology.

“We want to be one step ahead of the potential adversaries,” she said. “We don’t want to be equal, and we for sure

will never let ourselves be behind.”

James said current unexpected issues are examples of why the Air Force needs to raise its readiness levels.

“All you have to do is read your morning media, and you can read about the fight against Islamic State of Iraq and the Levant in the Middle East where our Air Force is very much in the lead and that demonstrates how we need to be ready,” the secretary said.

“Or, you can read about humanitarian air drops in the Pacific, or about West Africa and Ebola. I could go on and on but all of this is unexpected, she added.

“For all of this we must rise to the occasion

and it talks to our training and our readiness.”

James said the Air Force is doubling down on training because training and education are an important part of the development of Airmen.

At Columbus Air Force Base and other undergraduate pilot training programs there are three principle aircraft used to train future pilots for the Air Force.

James said one of the aircraft used in training, the T-38C, is getting older, and the Air Force is concerned about the age of that aircraft.

She predicted that during the next few years the Air Force would finalize the requirements to invest in a new generation of trainer, currently called the T-X.

ROBINS REV-UP

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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.

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Want to STOP Smoking? HERE'S HOW

BY STUART BAPTIES

Robins Health and Wellness Center director

By using the Federal Employees Health Benefits program, all federal employees and retirees – as well as their spouses and dependents – have full access to evidence-based tobacco cessation treatments at no out-of-pocket cost.

FEHB covers an estimated 8 million people, including 2.2 million active federal employees, 1.9 million retirees, and almost 4 million spouses and dependents. The U.S. Office of Personnel Management estimates that about 18 percent of current federal employees – or about 400,000 people – smoke, compared with about 20 percent of the general population.

FEHB enrollees who smoke now have access to the kind of cessation treatments that help smokers quit for good.

All FEHB health plans are required to cover the seven FDA-approved cessation medications and individual, group and telephone counseling – the treatments identified as effective in the U.S. Public Health Service Clinical Practice Guideline “Treating Tobacco Use and Dependence: 2014 Update.”

The health plans are required to offer coverage with no co-payments, coinsurance, deductibles or annual/lifetime dollar limits.

While medications and counseling can each be effective on their own, they're even more effective when used in combination. Tobacco users who use both medications and counseling can potentially double to triple their chances of quitting successfully.

The FDA-approved first-line medications are as follows:

- Bupropion SR (Zyban)

MAKE THE CALL

Call the American Lung Association Tobacco QUITLINE at 1-877-695-7848, seven days a week between 7 a.m. and 11 p.m. central standard time and letting them know you're a federal employee at Robins.

- Nicotine gum
- Nicotine inhaler
- Nicotine lozenge
- Nicotine nasal spray
- Nicotine patch
- Varenicline (Chantix)

FEHB plans are required to cover at least two quit attempts per year, with a minimum of four counseling sessions of at least 30 minutes for each attempt.

However, the new benefit won't cover over-the-counter medications that are purchased directly by enrollees, only those medications that are prescribed as part of a doctor's visit or as part of a cessation program are covered.

Robins has taken the further step of ensuring that Federal Employees have free access to Group Counseling and Cessation Services either through the Tobacco Cessation counselors at the base Health and Wellness Center or by calling our very own contracted American Lung Association Tobacco QUITLINE at 1-877-695-7848 seven days a week between 7 a.m. and 11 p.m. central standard time and letting them know you're a federal employee at Robins.

For more information check out www.opm.gov/healthcare-insurance/special-initiatives/quit-smoking/ or contact the base Health and Wellness Center at 478-327-8480 and ask to speak with Stuart Bapties.

Robins evaluating floor drains, sinks in industrial areas to meet requirements

Robins was issued a new industrial stormwater permit from the Georgia Environmental Protection Division in June 2012. As part of that permit, the EPD requires the base to evaluate pipe systems in buildings constructed prior to 2006 to determine whether the pipes were tied into the correct drainage system.

The base must evaluate floor drains and sinks associated with industrial activities such as equipment maintenance bays, chemical storage areas or locations with the potential to discharge pollutants to verify the discharges go to wastewater treatment facilities, rather than the stormwater system.

The project includes some of the following methods to assess the drain discharge location:

Dye testing – Introducing dyed water into a drain/sink and monitoring downstream points to detect the dyed water. The dye is non-toxic.

TV surveillance – Inserting closed circuit television cameras into the pipes and moving them by remote control to inspect the pipes and their connections.

Review of as-built drawings – As available, a facility’s schematics that show the plumbing design and other features can be reviewed to provide the required verification.

Robins has completed a project to identify facilities that require a full-scale field inspection. The project included the inspection of 13 facilities. At five facilities, the drains and sinks were confirmed to be connected to the proper location. At the other eight, corrective actions or additional field work is required, and has been submitted to civil engineering. The remaining facilities will be inspected before the permit expires in May 2017.

Editor’s note: For more information, contact Jim Rieker, Water Quality Program Manager, 468-9645.



Robins Air Force Base on Facebook

Check out Robins on Facebook.
Get regular news updates and other base information.
Visit www.robins.af.mil and click on the Facebook link.



The
FILLING
Station

‘Filling the Body and Soul’

First Wednesday of each month from 11:30 a.m. to 12:30 p.m. for a Bible devotion and Fellowship

Location: Base Restaurant Party Room

