



The Wright Brothers' plane could have flown in the cargo compartment of the C-5!



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# ROBINS REV-UP

June 29, 2012 Vol. 57 No.26



## NO FIRE IN THE HOLE

SE&V DIVISION OVERSEES SUCCESSFUL TESTING OF NEW FIRE SUPPRESSION SYSTEM

U.S. Air Force photos by SUE SAPP

Hush houses – like the one above – are enclosed, noise-suppressing facilities used to test fighter jet engines. Should a fire occur, eight tanks release the chemical Halon to put it out. Efforts have now been finalized to use a new agent known as Novec. The move will have a considerable impact toward personnel safety and the environment, and will be cost-effective and save time. Below, Juan Font, Hush House mechanical engineer, uses a sample of the Novec 1230 to demonstrate the effectiveness and advantages of the new fire suppression agent.

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

In the next six years, hush houses throughout the Air Force will be retrofitted with new fire suppression systems that will have a significant impact on the way operations are conducted.

The Support Equipment & Vehicles Division of the Aerospace Sustainment Directorate at Robins oversaw successful testing of the new system last May at the Alabama Air National Guard's Dannelly Field in Montgomery.

Hush houses – about 180 of them worldwide – are enclosed noise-suppressing facilities where fighter jet engines are tested.

Should a fire occur inside, eight Halon-based tanks are triggered to put it out.

Working with the 3M company, Robins engineers and program managers have finalized efforts to implement a new agent known as Novec to replace Halon.

The move will not only have a considerable impact



on personnel safety and the environment, but will be more cost-effective, save time and open the door for future fire suppression opportunities in the Department of Defense.

"We need to save money in the Air Force. That has to be a priority," said Col. Michael Holl, SE&V division chief. "However, we had to do some convincing to

spend \$800,000 to make this change.

"But, having this more reliable, stable alternative helps make you more effective at producing air power."

Novec has several advantages over its predecessor. In terms of safety, it is a colorless, odorless liquid that when vaporized to control a fire is harmless to humans. For the average team of five operators inside a hush house, this is especially noteworthy.

It is not harmful to the touch or lethal if breathed in. Even if the liquid is poured on a paper document, for example, Novec will dry within seconds, and ink will not smear. It also leaves zero residue and does not damage expensive electronic equipment once dispersed.

"This was clearly the answer," said Mick Randall, Hush House engineer. "There is nothing else on the market that has these properties."

Halon also posed a problem with its ozone-depletion concerns. With Novec, once released into the atmosphere, there is zero ozone-depletion potential. It has an

▶ see FIRE, 13

### NEWS

#### YOU CAN USE

##### Warner Robins area public transit meeting

Warner Robins Area Transportation officials are looking for public input on a transit feasibility study being conducted for the Warner Robins metropolitan area.

There will be an information meeting July 12, from 5:30 to 7 p.m. at Middle Georgia Technical College, 80 Cohen Walker Drive.

The purpose of the meeting is to provide the public an opportunity to ask questions and offer comments on the need for public transit in the Warner Robins metro area.

The public is invited to attend this meeting, which is the second in a series of meetings on the study.

Meeting topics will include a summary of a public transit survey conducted during the last two months, potential transit service options and possible transit routing alternatives.

There will be a formal presentation at the beginning of the meeting, followed by a discussion period to answer questions and address concerns interested people may have. Public comment will help evaluate transit service options and possible transit routes.

Another public meeting will be scheduled later this summer to discuss recommended transit service options and routes.

## C-130s fighting blazes out west maintained at Robins

BY JENNY GORDON  
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Word was received earlier this week that four C-130 Hercules aircraft would be needed to fight wildfires currently raging across the Rocky Mountains and southwest regions of the U.S.

Following the request and approval from the U.S. Forest Service and U.S. Northern Command, two aircraft were deployed from the Air Force

Reserve Command's 302nd Airlift Wing at Colorado Springs, Colo., and two from the Wyoming Air National Guard's 153rd Airlift Wing in Cheyenne. All will be operating from Peterson Air Force Base in Colorado Springs.

These planes are equipped with fire suppression capabilities known as Modular Airborne Fire Fighting Systems.

MAFFS, which fit inside the planes without requiring special modification, can discharge

3,000 gallons of fire retardant or water weighing 28,000 pounds in less than five seconds.

They can be refilled and airborne again in less than 20 minutes. The retardant can cover an area one-quarter of a mile long and 60 feet wide in planes flying from an altitude of about 150 feet.

The C-130s' presence provides surge capability used to boost wildfire suppression when commercial air tankers aren't available.

At the Warner Robins Air Logistics Center, one of the depot's missions is programmed depot maintenance of C-130s.

While Robins doesn't maintain all MAFFS-equipped aircraft in the fleet, there are regulars which come in for PDM, including those from the 145th Airlift Wing, North Carolina Air National Guard in Charlotte.

There is currently one plane on station that arrived May

▶ see C-130s, 7

## Free Independence Day concert, fireworks slated for Monday

AIR FORCE RESERVE COMMAND  
PUBLIC AFFAIRS

American country music superstar and award-winner Josh Turner will perform Monday with the Band of the U.S. Air Force Reserve at this year's free Independence Day concert in Warner Robins.

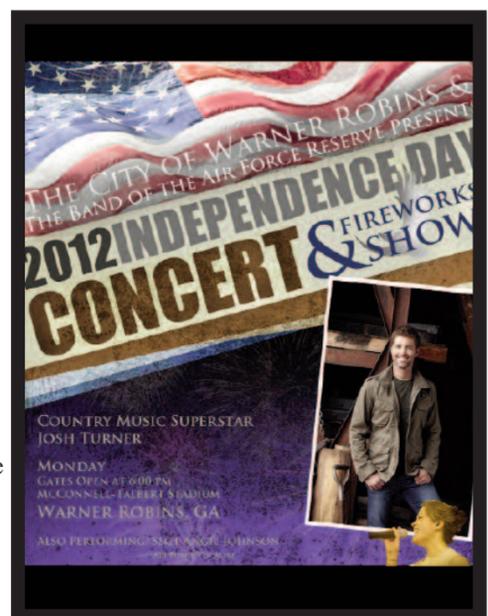
Gates open at 6 p.m. for the concert at Warner Robins' McConnell-Talbert Stadium on South Davis Drive. Festivities will begin with the national anthem and an F-15 fighter jet flyover at 8 p.m., and feature a night of music, fireworks and family entertainment.

Turner, one of the youngest artists to be voted into the Grand Ole Opry, said he's glad to be coming to perform.

"I'm really looking forward to playing for the troops this year," said the double-platinum-selling singer. "I come from a patriotic background as my ancestors have served as far back as the Civil War, so this will come from the heart."

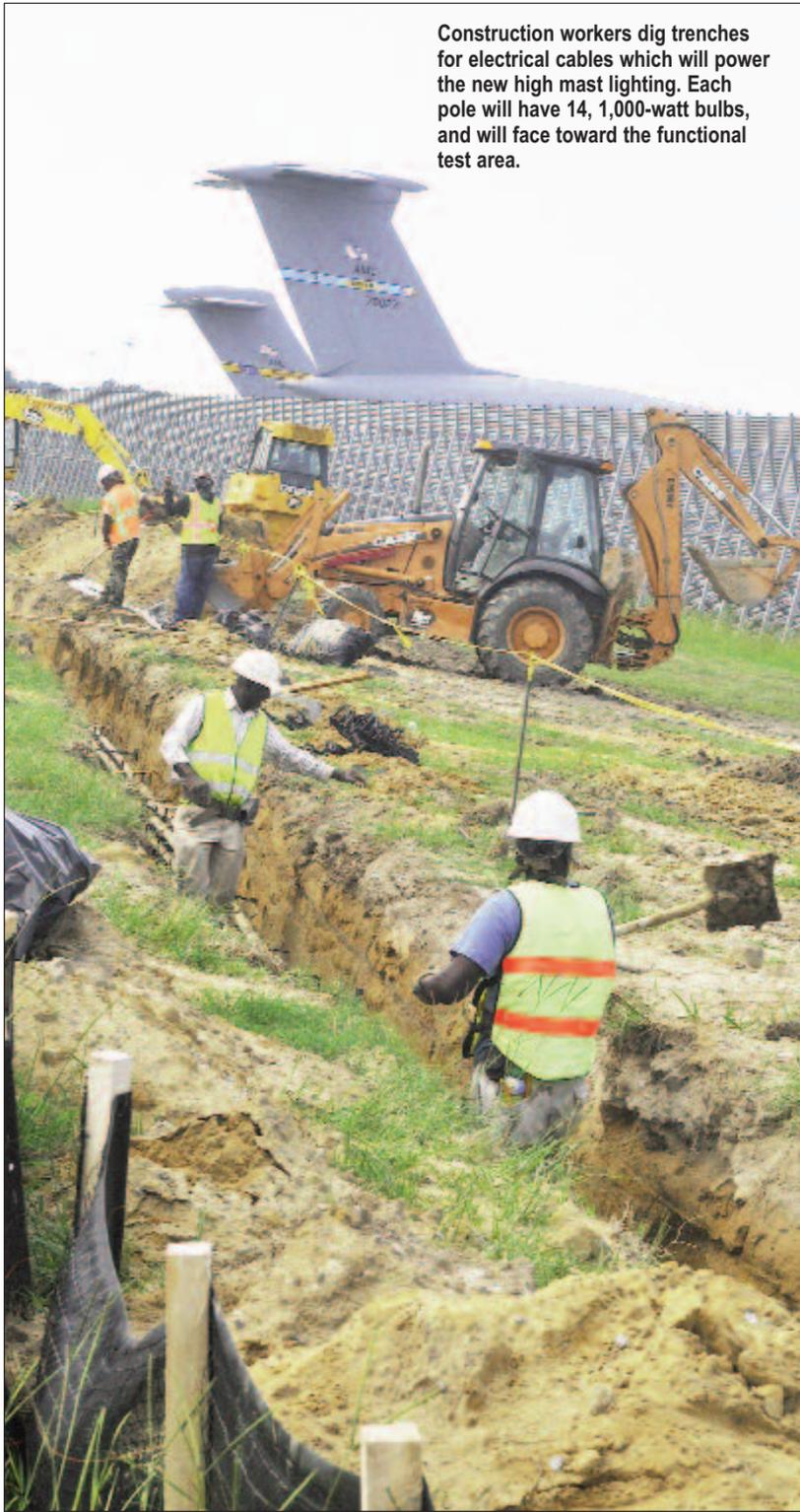
Also performing is Staff Sgt. Angie Johnson, a vocalist with the 571st Air Force Band, which belongs to the 131st Bomb Wing, Missouri Air National Guard.

"Being a vocalist in the Band of the Air Force Reserve got me where I am today," she said "Being a part of this unit helped me sharpen my skills as an entertainer and gave me the confidence to make the move to Nashville to pursue a career in the music industry. They'll always be like family."



# Page Two

Construction workers dig trenches for electrical cables which will power the new high mast lighting. Each pole will have 14, 1,000-watt bulbs, and will face toward the functional test area.



U.S. Air Force photos by SUE SAPP

John Gunn, 778th Civil Engineer Squadron construction manager, talks about the flight line's new high-mast lighting.

## IN THE TRENCHES

### CE bringing new lighting to flight line

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

New high-mast lighting poles will soon go up in one area of the flight line.

A total of five, 100-foot poles will be erected along a stretch just behind the jet blast fence along Taxiway G.

The project began in May and is scheduled to be completed in July.

Each pole will include

14, 1,000-watt, high-pressure sodium lamps, and will face west toward the functional test area. Each will be spaced between 200 to 300 feet apart.

"They will be facing the aircraft because that is what we are trying to illuminate," said Henry Scheuermann, 402nd Maintenance Group Facilities Engineering Section industrial engineer.

Workers are currently

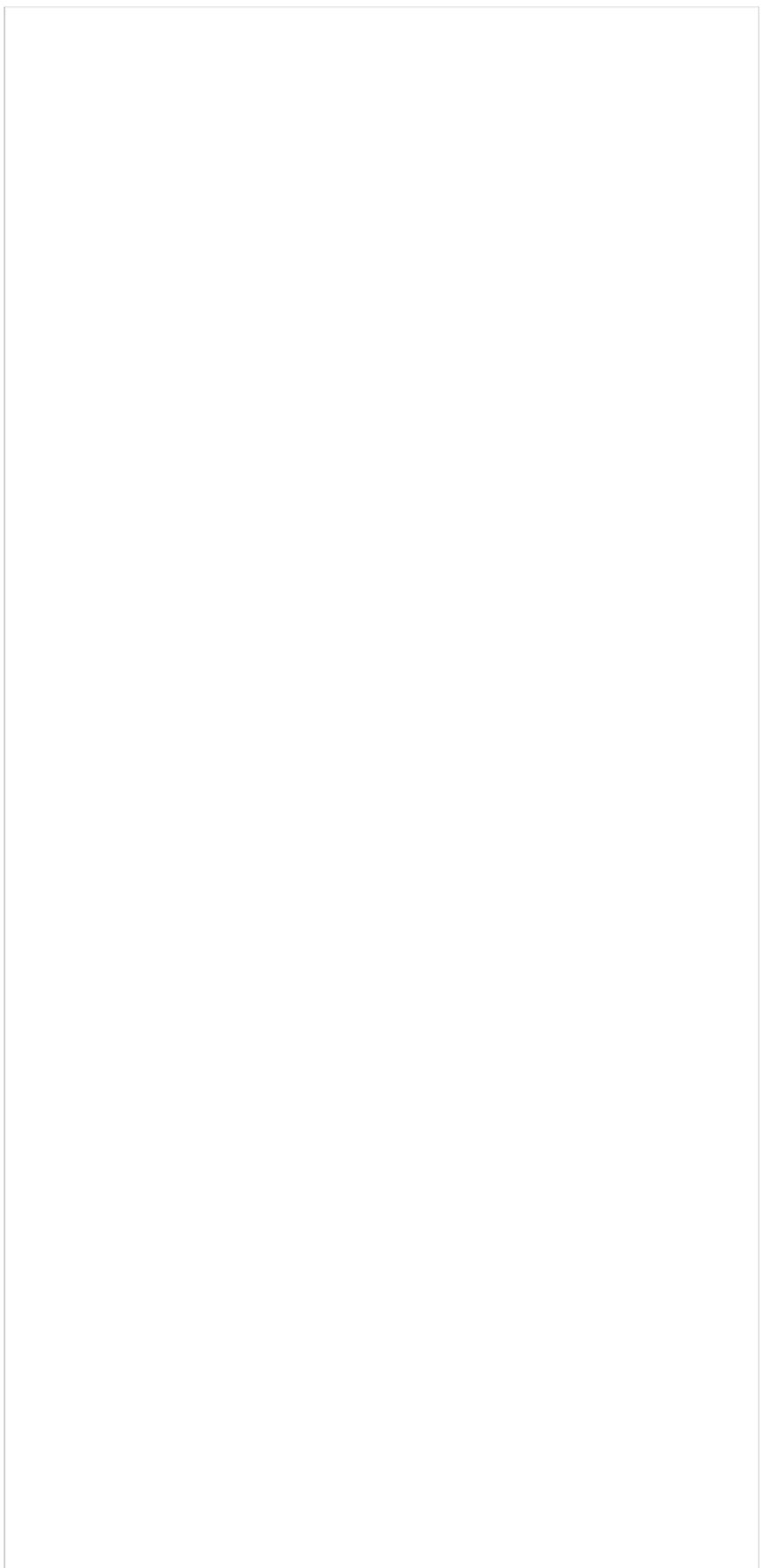
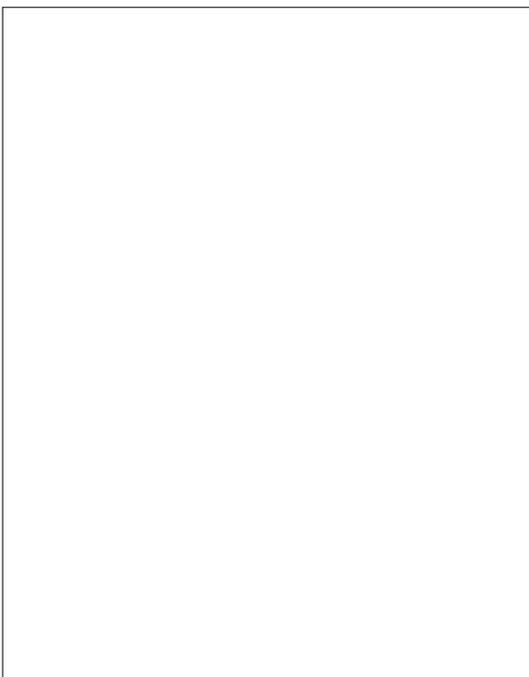
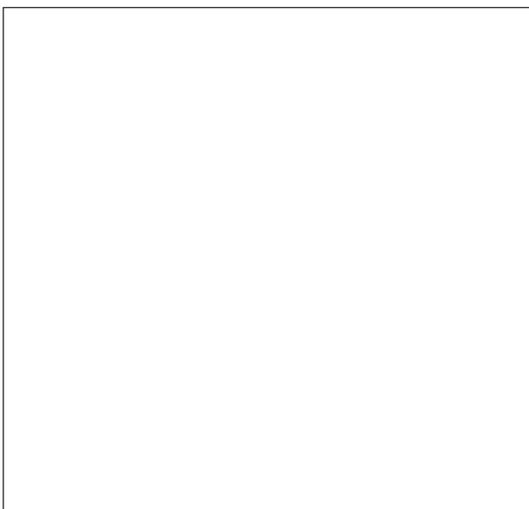
installing conduits underground and electrical equipment and wires in preparation for the poles.

"There will be lighting out there like we've never had before," said John Gunn, 778th Civil Engineer Squadron construction manager. "It will provide not only safety for our people but also security for the aircraft."

Currently, there are portable lights and generators used to provide lighting, added Gunn.



*Positive workplace relationships enable everyone to perform at their very best*



# AIR FORCE



## Presidential detail offers unique opportunity to EOD Airmen

Explosive Ordnance Disposal professionals at Mountain Home Air Force Base, Idaho, are called upon regularly by the Secret Service to assist in protection of the president and other members of state.

The details are a career highlight for the EOD professionals who are chosen.

"The Secret Service requests members of EOD and, as long as we have adequate personnel available to complete the home-station mission, we can volunteer for this assignment, which I did," stated Staff Sgt. Jonathan Winter, 366th Civil Engineer Squadron journeyman. "Basically, wherever the president, his family or members of state go, we go first."

To find out more, see [www.acc.af.mil/news/story.asp?id=123306195](http://www.acc.af.mil/news/story.asp?id=123306195)

## AF to consider ROTC command candidates

Eligible line of the Air Force lieutenant colonels and lieutenant colonel-selects interested in command opportunities can apply for Air Force Reserve Officer Training Corps detachment openings, Air Force Personnel Center officials said.

Applicants must update their Airman Development Plan and statement of intent by June 18 to indicate their interest in summer 2013 AFROTC command opportunities, said Master Sgt. Curtis Reese, AFPC Special Utilization Officer Assignments superintendent. Application packages are due to Air Education and Training Command by Aug. 1.

Applicants must have at least two years of retainability by Aug. 1, and three years time-on-station

by June 2013 (or be in a must move status next summer or have a date eligible to return from overseas between January and May 2013). Applicants must also have their master's degree and a superior performance record.

To learn more, visit [www.afpc.af.mil/news/story.asp?id=123306120](http://www.afpc.af.mil/news/story.asp?id=123306120).

## Colombian, U.S. loadmasters and aerial porters exchange ideas

The 571st Mobility Support Advisory Squadron aerial port and loadmaster team conducted several seminars with the Colombian air force, enhancing each other's logistical capabilities during the first week of an Air Mobility Command Building Partner Capacity mission, at Comando Aéreo de Transporte Militar, Bogota, Colombia, June 4 through 8.

The purpose of the month-long BPC mission is designed to promote regional stability by fostering key relationships and enhancing partner nation capabilities and to prepare the Colombian air force to participate in this year's Red Flag, at Nellis Air Force Base, Nev., July 16 through 27. In addition, the mission of the squadron, based out of Travis Air Force Base, Calif., supports the 12th Air Force's continued engagements in the U.S. Southern Command area of responsibility of Latin America and the Caribbean.

To learn more, visit [www.amc.af.mil/news/story.asp?id=123305995](http://www.amc.af.mil/news/story.asp?id=123305995).

## DoD tightens spending on travel, conferences

Once again, the Department of Defense is tightening its financial belt.



U.S. Air Force photo by AIRMAN 1ST CLASS GEORGE GOSLIN  
A member of the 'Wings of Blue' skydiving team from the U.S. Air Force Academy jumps out of a C-17A Globemaster III over Joseph P. Riley, Jr. Stadium in Charleston, S.C., before the South Atlantic League All-Star game, June 19. The team parachuted in with the ball for the opening pitch of the all-star game.

In response to a May 11 call to action from the Office of Management and Budget, Deputy Defense Secretary Ashton B. Carter has directed DoD officials and managers to reduce spending on travel, conferences and other agency operations.

"DoD consistently strives to be an excellent steward of taxpayer dollars and has focused on these issues for a number of years," Carter said in a June 3 memo.

Such efforts, he added, include the 2010 Secretary's Efficiency Initiative and implementation of the president's June 2011 campaign to cut waste.

For details, see [www.defense.gov/news/newsarticle.aspx?id=116769](http://www.defense.gov/news/newsarticle.aspx?id=116769).

## DoD, VA partner to help prevent suicide

Veterans Affairs Secretary Eric K. Shinseki said his agency is working with the Defense Department to end veteran homelessness and to identify possible contributors to service member and veteran suicide.

On the first day of the June 20-22 Annual DOD/VA Suicide Prevention Conference in Washington, Shinseki, a retired Army general, former Army chief of staff and a combat-wounded Vietnam veteran, took the stage to a standing ovation from hundreds of mental health professionals, clinicians and military leaders.

"Suicide is a national concern. The Centers for Disease Control's annual report on the top 10 leading causes of death ... lists suicide as one of the top four causes of death in Americans ages 10 to 54," Shinseki said.

To learn more, visit <http://www.defense.gov/news/newsarticle.aspx?id=116833>.

## Air Force officials announce milestone Atlas V launch

As part of the Defense Department's ongoing efforts to maintain assured, affordable access to space through 2030, the Atlas V rocket successfully lifted off from Space Launch Complex-41 at Florida's Cape Canaveral on June 20, Air Force officials said. To read more, visit [www.af.mil/news/story.asp?id=123306808](http://www.af.mil/news/story.asp?id=123306808).



## Perspectives

# Be proud of your role this Independence Day

BY GEN. JANET WOLFENBARGER

Air Force Materiel Command  
Commander

**WRIGHT-PATTERSON AIR FORCE BASE, Ohio** – On July 4, 1776, the Continental Congress approved the Declaration of Independence, starting the colonies on the path to freedom.

The next day, John Adams wrote to his wife, describing the time as "the most memorable epoch in the history of America" and saying he was "apt to believe that it will be celebrated by succeeding generations as the great anniversary festival."

It ought to be commemorated as the day of deliverance ... It ought to be solemnized with pomp and parade, with shows, games, sports, guns, bells, bonfires, and illumina-



tions, from one end of this continent to the other, from this time forward forever more."

Our founding father hit the mark. Indeed, 236 years later, we still celebrate our nation's birthday with cookouts and music, parades and fireworks.

We deck ourselves and our backyards with red, white and blue in tribute to our independence and as a show of our patriotism.

As we enjoy the festivities with friends and family, we should also remem-

ber what our freedom costs, both to achieve and to sustain.

Since 1776, thousands of Americans have given their lives in service to our nation, and millions more have put their lives at risk to preserve our democratic way of life.

Be proud that – as members of the AFMC team – we are a key part of that service, equipping our nation's warfighters with the resources they need to ensure we can say, "Happy birthday, America!"

## Reveille and Retreat: Proper observance

BY CHIEF MASTER SGT. PATRICK BOWEN

78th Air Base Wing Command Chief

As the command chief, I receive a lot of questions about Retreat, and I witness a fair amount of instances where people don't observe or exercise the proper customs and courtesies.

If people know what they're supposed to do and understand why we do it, as well as how important it is to us, they'll willingly follow suit. If they're still not so inclined to do so, I would respectfully remind them we work on a military installation; therefore, we are required to adhere.

For me, it's no different than being a guest in someone else's home. While I'm there, I'm going to be mindful and respectful of the rules of their house.

Consequently, all Team Robins members are reminded to exercise certain protocols during Reveille

and Retreat; see below for helpful information.

When Reveille plays in the morning, no action is required at Robins, as the flag is displayed at the installation headquarters 24 hours a day with proper illumination during the hours of darkness.

However, if the flag is being raised or lowered, or "To the Colors" or the national anthem is being played, military members who are outside and in uniform should face the flag (if visible) or face the music, stand at attention, and salute on the first note of the music (or if no music, when you see the flag first being raised or lowered). You should drop your salute after the flag has been fully raised or lowered, or the last note has played. During the playing of Sound Retreat, which precedes the lowering of the flag and the national anthem or To the Colors, military members should stand at parade rest. Civilians who are

outside should face the flag (if visible) or face the music, stand, and place their right hand over their heart on the first note of the music (or if no music, when you see the flag first being raised or lowered).

If in a vehicle during Reveille (if the flag is being raised) or Retreat, pull the car to the side of the road and stop until the last note of the music has played or the flag is fully raised or lowered.

All sporting or physical training activities will stop during Reveille (if the flag is being raised) and Retreat, with proper honors to the flag being shown.

If a base flies the flag a continuous 24 hours and Reveille or Retreat is played with no action with the flag, or no playing of the National Anthem or "To the Colors," you are not required to stop and salute.

For more on proper flag protocol, consult AFI 34-1201.

## ROBINS REV-UP

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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@robins.af.mil](mailto:lanorris.askew@robins.af.mil) and [vance.janes@robins.af.mil](mailto:vance.janes@robins.af.mil)

Submissions should be of broad interest to the base populace. If you have further questions, call Lanorris Askew at 472-0806.

### DELIVERY

To report delivery issues, call Geoff Janes at 472-0802.

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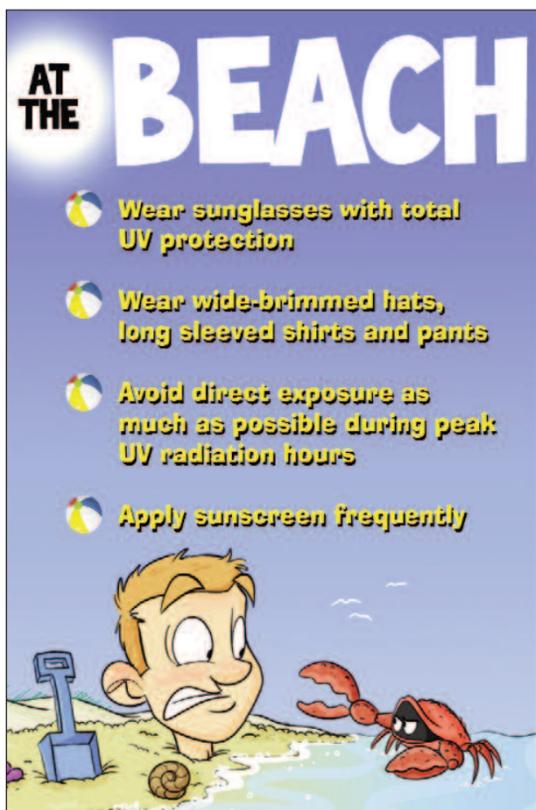
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U.S. Air Force graphic by STAFF SGT. AUSTIN MAY

# Stay sun-safe this summer

With summer squarely shining on Middle Georgia, many of us will begin venturing into the sun, enjoying free time with family and friends.

We strive to put safety first when planning for the day's festivities, not realizing that we have left ourselves open to a sneak attack.

Before we know it, the damage is done – a sunburn.

While planning for a safe day outdoors, don't forget to protect against the sun and skin cancer.

Most commonly, skin cancer is caused from repeated, unprotected exposure to the sun and sunburns. Even one blistering sunburn doubles your chances of developing skin cancer.

More commonly, skin cancer develops from the added effects of multiple exposures of unprotected skin to the sun's harmful rays. Believe it or not, a deep, golden tan is not really the best protection from a sunburn.



**AFMS - Robins - 78th Medical Group**  
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The best way to avoid getting skin cancer is to avoid the sun. But let's be serious, where's the fun in that?

If you can, avoid being in the sun between 10 a.m. and 4 p.m., when the sun's rays are the strongest.

Second, regularly use and reapply sunscreen. The American Academy of Dermatology suggests a sunscreen with an SPF (sun protection factor) of at least 30.

Applying sunscreen just once isn't going to cut it. You need to reapply every two hours, and hourly if enjoying the water. You should also cover all exposed body parts.

A broad-brimmed hat and UV-blocking sunglasses are also recommended. Little ones can use sunscreen after six months of age.

What type of skin cancer is caused by the sun? The two most common types of skin cancer are basal cell carcinoma and squamous cell carcinoma.

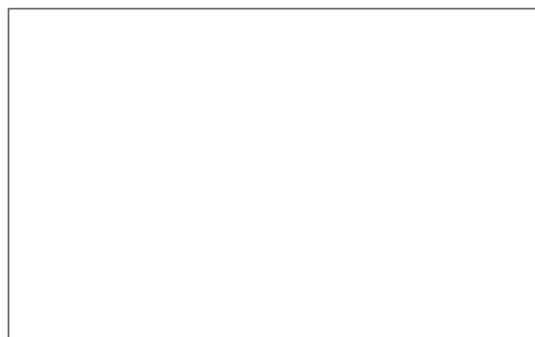
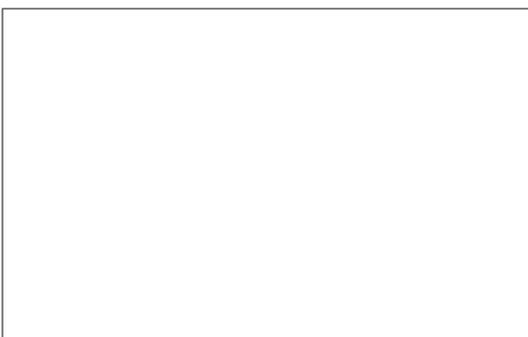
They can occur on any portion of the body, but are commonly seen on the arms, face, head and legs, since these areas are more often exposed to the sun. Some signs to look for include any abnormal area of skin that is pink, constantly peeling, crusty or just doesn't seem to go away. These areas can also bleed easily from the slightest trauma.

If you have an area of concern, don't hesitate to get it checked out by your healthcare provider.

The summer is a time for fun and adventure, but don't forget to have a sun-safe summer.

– 78th Medical Group

## SUSPICIOUS ACTIVITY? CALL 468-EYES



**THINK GREEN**

PLEASE RECYCLE THIS NEWSPAPER

# Hot stuff: Autoclaves prep aircraft assets



U.S. Air Force photos by SUE SAPP  
Michael Vaugh positions the nose for a C-5 pylon in the large autoclave in Bldg. 169.

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

Something is cooking inside Bldg. 169, home of the 574th Composite Repair Flight.

An imposing structure known as an autoclave, measuring 15-by-50 feet – the largest of three autoclaves at Robins and big enough to hold about a half dozen SUVs – sits ready on one side of the cavernous 146,000 square foot building. A second, smaller autoclave, which measures 10-by-20 feet, sits a short distance away; a third is housed in Bldg. 670.

Once a massive door closes on the largest autoclave, think of it as a vacuum-tight sealed chamber, secured much like a cap you twist on the top of a medicine bottle.

“It’s like a big pressure cooker,” said Wesley Wood, a 574th Commodities Maintenance Squadron supervisor.

Once various aircraft parts are bonded inside the shop, mainly C-5 assets, single repaired or newly-manufactured parts are wheeled inside the autoclave on specially-built tracks.

Depending on the order, the cylinder acts as a pressure vessel to expose parts to elevated pressures and temperatures. This can include leaving items inside from 90 minutes to two hours, in temperatures from 250 to 350 degrees.

A series of vacuum hoses inside the autoclave is hooked on special adhesives on an aircraft part. Once the outer door is closed, the large autoclave is heated and pressurized with



Above, Wesley Wood displays a C-5 cowling in production in the shop. Right, a honeycomb layer is incorporated inside an aircraft part.



nitrogen.

An operator sits in a small computer room just outside and monitors the process for any safety hazards until the process is completed.

“After a ‘first cook’ on an aircraft panel, for example, what will generally happen is skins are laid out that have been treated with a corrosion prohibitor,” said Wood.

A metallic honeycomb structure is then put onto the part, which makes it lightweight and durable, he continued. An exterior skin is also added to enclose the honeycomb, before it’s sent for a finishing paint job and on to its final destination.

An average of 20 to 30 items are routed through the

various autoclaves on any given week.

In addition to miscellaneous C-5 panels, other items processed include C-5 engine exterior covers, torque decks, floorboards, and pylon panels; C-130 boron repairs and C-17 composite work.

The autoclaves provide the “heartbeat” for the Composite Repair Flight’s repair and manufacturing support to the C-5, C-17 and C-130 aircraft squadrons at Robins, as well as support to aircraft worldwide through the Defense Logistics Agency.

Think twice, energy has a price.



U.S. Air Force file photo by SUE SAPP

**Special C-130s equipped with fire suppression capabilities known as Modular Airborne Fire Fighting Systems, or MAFFS, are maintained here.**

## C-130s

Continued from 1

and is scheduled to be completed in late October. Its PDM package will include more than 12,000 man hours, and thousands of in-depth inspections from disassembly to build-up.

Its last MAFFS mission was in June and July of 2011 in Texas and New Mexico.

Much of the same work is done on all C-130s, whether it's repairing fuel tanks, inspecting the fuselage and wings, or painting and sending on for functional check flights before heading back home.

Taking care of planes such as these remains an important part of our nation's defense, not only stateside but overseas as well.

"The work we do here is important. Whether it is supporting the fires out west or getting it back to the warfighter in Afghanistan, they're all equally important," said Bryce Padgett, 560th Aircraft Maintenance Squadron deputy flight chief. "We have a set time that we want to get these airplanes back out – they're all vital no matter

what the mission is."

As of Tuesday, Robins had a 97.9 percent on-time delivery rate for all aircraft. The 402nd Maintenance Wing began fiscal 2012 with all aircraft on time, beginning the year with zero late aircraft and zero unplanned carry-overs.

The 560th AMXS is also working to reduce the time planes are spent on the docks being repaired, from an average of 179 days to 120 days, added Padgett.

According to the U.S. Forest Service, as of June 25 there were more than 450 federal, state, and local firefighters, along with four heavy air tankers to assist with the most recent major outbreak in the hillsides west of Colorado Springs.

There are four locations throughout the U.S. that participate in the U.S. Forest Service-owned MAFFS program. They include AFRC's 302nd AW, 153rd AW, 145th AW and the California Air National Guard's 146th Airlift Wing in Channel Islands.

To read more on the Air Force wildfire support, visit, [www.af.mil](http://www.af.mil), [www.amc.af.mil](http://www.amc.af.mil) or [www.fs.fed.us](http://www.fs.fed.us).

# On the Fly

## Mosquito fogging has begun

The 78th Civil Engineer Squadron's Entomology Section has started adult mosquito fogging of family housing, dormitories, Officer Circle, FAM Camp and the wastewater plant.

The fogging will take place every Thursday from 7 to 9 p.m. through late September. Fogging has been implemented due to warmer nighttime temperatures and the increasing mosquito counts, which are provided by the installation Public Health Office.

## ALS graduates

Congratulations to the following graduates of Robins Airman Leadership School Class 12-E:

### Flight A

- Senior Airman Joshua Alvarez
- Senior Airman Bryan Napier
- Senior Airman Israel Childs
- Senior Airman Shelby Reynolds
- Senior Airman Daniel Hamilton
- Senior Airman Ricardo San Miguel, Jr.
- Senior Airman Chelia Harrison
- Senior Airman Aaron Torres
- Senior Airman Stephanie Kofron
- Senior Airman Michael Twarozynski
- Senior Airman Louis Mannino
- Senior Airman Keefe Vermillion
- Senior Airman Julian Matibag
- Senior Airman Steven Mulligan-Aroche
- Senior Airman Brittany Vines
- Senior Airman Stevie Wakes Jr.

### Flight B

- Senior Airman Joshua Adkins
- Senior Airman Joshua Buhman
- Senior Airman Wyleeshia Meekins
- Senior Airman Zackery Noorlun
- Senior Airman Marquis DeFrietas
- Senior Airman Alexandria Parks
- Senior Airman Cassandra Gammill
- Senior Airman Michael Platt
- Senior Airman Wilfredo Gonzalez
- Senior Airman Darius Shirts
- Senior Airman Nathaniel Locke
- Senior Airman Andre Taylor
- Senior Airman Andrew Masel
- Staff Sgt. Sarah Mattausch
- Senior Airman Jivorsky Thomas
- Senior Airman David White

It's that time of year again. **The 78th Medical Group will provide Healthy Start Screenings** for Tricare beneficiaries entering Georgia schools for the first time.

Screenings are for students from Pre-K to 12th grade and will be conducted July 7 and 21 from 9 a.m. to noon in Bldg. 700A. No appointments are necessary.

Children will have vision, hearing and dental exams – all of which are required by the Georgia school system.

In addition, height, weight, blood pressure and scoliosis screenings will be performed. Immunizations will be available, so bring a copy of your child's latest shot record.

Georgia school forms 3300 and 3231 will be available and may be completed at the event. These are the only services which will be performed at the school screenings.

If a sports physical is needed, contact 327-7850 to schedule an appointment.

For more information, contact Master Sgt. Joseph Prunty or Senior Airman April Cooper at 327-8220.

## Shane's Rollin' Rib Shack is now open on base.

The black and red trailer with its unmistakable "smoke shack" logo is located in the parking lot next to Bldg. 2066 on Blunk Drive.

Hours are Mondays through Fridays from 10:30 a.m. to 2 p.m.

For more information, call Margie Daniel at 929-3110 or 747-6744.

## Upcoming

**The Airman and Family Readiness Center is hosting a deployed families event** July 14 to Cordele, where families can enjoy a ride on the Sam Shortline Excursion Train.

Transportation, a train ticket and lunch will be provided.

Buses will leave the Heritage Club parking lot at 7 a.m. and will return at 6 p.m.

Deadline to sign up is July 6.

For more information, contact Tech. Sgt. Ronald Megginson at 497-7506 or Master Sgt. Michelle Main at 497-7691.

For more information on Sam Shortline, visit [www.samshortline.com](http://www.samshortline.com).

The following **contract position is open at the Robins Chapel**: Refuge Director.

The director serves as a resource person and coordinator of the Airman Ministry Center for Robins.

Requirements include: be spiritually sensitive and specialize in working with the military, chapel volunteers, and contractors in a pluralistic environment; be at least 25 years of age, and have a bachelors degree and at least two years experience in a young adult singles ministry or religious education position. Work schedule is 25 hours a week.

For a statement of work or more information, contact Tech. Sgt. Derek Johnson at 926-2821.

Resumes must be submitted to Johnson by Tuesday at noon to be considered for the position; qualified applicants will then be scheduled for an interview.

The contract will be awarded based on "Best Value" to the government.

## Et cetera

**The Museum of Aviation is open** every day except Easter, Thanksgiving, Christmas and New Years Day from 9 a.m. to 5 p.m.

Admission is free and education classes for pre-k through 12th grade are conducted all year long.

Several areas are available for private or group events, and the Victory Café caters on site.

Call 926-6870 or visit [www.museumofaviation.org](http://www.museumofaviation.org) for more.

**CLICK IT OR TICKET**

**ON ROBINS IT'S THE LAW**

## Air Force workers can find help here

Finances & Work-Life Balance	Airman & Family Readiness Center	926-1256
Health and Wellness Education	Health and Wellness Center	327-8480
Health Screenings	Civilian Health Promotion Services	327-8030
Work, Personal or Family Issues	Employee Assistance Program	(800) 222-0364
Work Stress, Psychological Issues	Organizational Consulting Office	327-9803
Mental Health & Substance Abuse	Houston Healthcare	922-4281
Unplanned Pregnancy	Houston Healthcare	922-4281
Suicide Prevention	National Suicide Prevention Lifeline	(800) 273-8255
Sexual Assault & Victim Advocacy	Sexual Assault Response Coordinator	926-2946
Crime Victim Advocacy	Victim Witness Assistance Program	327-4584

**AFMC Wellness Support Center — [www.afmcwellness.com](http://www.afmcwellness.com)**



- ▶ Pay and Personal Recognition
- ▶ Money for college
- ▶ Job training
- ▶ Camaraderie, satisfaction and pride
- ▶ Life insurance, medical care and re-employment rights
- ▶ Travel
- ▶ Special allowances
- ▶ Thrift Savings Plan and retirement
- ▶ Individual Mobilization Augmentee Program
- ▶ Traditional Reservist Program
- ▶ Palace Chase
- ▶ Palace Front



Master Sgt. Kimono Akins  
Your In-Service Recruiter

For more information, contact Master Sgt. Kimono Akins at 497-7367, 327-7327 or [Kimono.Akins@robins.af.mil](mailto:Kimono.Akins@robins.af.mil)

[afreserve.com](http://afreserve.com)

## HAPPENINGS

### ON TAP

#### School's Out Bowling

Every Monday, Tuesday and Thursday  
2 to 5 p.m.  
Bowling Center  
Three games  
including shoes  
\$5 per person  
12 years and younger  
\$6 per person  
13 years and older  
For details, call 468-2112.

#### Fall Soccer

Registration begins Tuesday  
Youth Center  
For details, call 497-6831.

#### Golf Balls Unlimited

All you can hit at the Pine Oaks Practice Facility  
Every Tuesday in July  
5 to 6 p.m.; cost is \$5  
For details, call 468-4103.

#### Independence Day BINGO

Tuesday  
7:15 p.m.  
Heritage Club  
For details, call 468-4515.

#### Bowling Movie Days

Every Wednesday in July  
2 p.m.  
\$6 per person  
For details, call 468-2112

### UPCOMING

#### First Friday

July 6  
5 to 6 p.m.  
Heritage Club  
For details, call 472-7864.

#### Texas Hold' Em

July 7  
Sign-ups start 1:30 p.m.  
Heritage Club  
Members \$15  
Guests \$20  
For details, call 472-7864.

#### Dept. of Labor/TAP/VA Workshop

July 9 through 12  
8 a.m. to 4 p.m.

Bldg. 794

For details, call 468-1256.

#### Missoula

#### Children's Theater

"The Secret Garden"  
July 16 through 20  
Youth Center  
Sign-up now through July 11  
For details, call 468-2110.

#### Golf 4 Kids

July 9 through 13  
7 to 13 years  
\$99 per child  
10 to 11:30 a.m.  
For details, call 468-4013.

#### Volunteer Resources

July 11  
10 to 11 a.m.  
Bldg. 794  
For details, call 468-1256.

#### Scotch & Cigar Night on the Patio

July 20  
5 to 7 p.m.  
Golf Course  
For details, call 468-4103.

#### Braves vs Phillies

July 28  
\$55  
Includes ticket, transportation and 755 Club access  
Purchase ticket at ITT  
For details, call 468-2945.

### ONGOING

#### On Spot Café Renovation

Ongoing  
Outside kitchen available  
Limited hours  
For details, call 468-2112.

#### Horizons closure

Food services are closed temporarily for kitchen and utility maintenance  
For more details, contact Marsha Snead at 472-7899.

#### Join Your Club Drive

Now through July 13  
Win up to \$100 instantly  
For details, go to [www.afclubs.net](http://www.afclubs.net).

## 'X' marks the spot



Right, (from left) Will Murphy, Josh Herring and Chaz Malcomb, local construction contractors, take down a partition as part of phase one of the Robins Exchange redesign.



U.S. Air Force photos by MISUZU ALLEN



Left, an area behind the cash registers is partitioned off during phase 1 of construction. There will be 12 phases in the redesign, which will divide the store into centers, including fitness, home, active lifestyle and fashion centers.

PLEASE RECYCLE THIS NEWSPAPER

# AFMC – Celebrating 20 years

## ■ Command reaches milestone anniversary, looks back on journey

BY MONICA D. MORALES

Air Force Materiel Command Public Affairs

**WRIGHT-PATTERSON AIR FORCE BASE, Ohio** – The warfighter need for streamlined logistics support and expertise in science, technology, research, development and testing launched the creation of Air Force Materiel Command, which marks its 20th anniversary Sunday.

“AFMC supports the entire spectrum of the Air Force mission, and 20 years offers an opportunity to look back with pride on the command’s accomplishments over that period,” said Jack Weber, AFMC command historian. “Moreover, the command’s current efforts to plan and implement a streamlining of the organization from 12 to five centers, reduce unneeded overhead and emphasize efficiency make an excellent benchmark on which to focus on AFMC’s heritage built so solidly over the last 20 years.”

Established on July 1, 1992, AFMC resulted from the merger of Air Force Logistics Command and Air Force Systems Command.

Gen. Ronald W. Yates, AFMC’s first commander, said at the command’s stand-up that this latest organization combined both a look to the old and the new.

“It’s an old command – certainly one of the oldest in the Air Force – because its roots go back to the earliest days of U.S. military aviation,” Yates said. “AFMC is also the newest major command in the Air Force, its creation the latest instance of the endless challenge of managing ever more complex weapon systems.”

AFMC traces its heritage to 1917 at McCook Field, a World War I-era, experi-

mental engineering facility in Dayton, Ohio. With the birth of the U.S. Air Service in 1918, the organization became known as the Engineering Division and was expanded to include responsibility for the Air Corps’ logistics system.

It was re-designated the Air Corps Materiel Division in 1926. As the largest branch of the Air Corps, the Materiel Division was responsible for all aircraft and equipment research, development, procurement, maintenance, supply and flight tests.

The research, development and logistics functions were separated during World War II, but were subsequently reunited for several years during the late 1940s under the Air Materiel Command and structured around the strengths of technological superiority and worldwide logistics support.

“The work of AFMC’s precursor organizations was integral to the development, acquisition, testing, and sustainment of the weapon systems that enabled the United States to prevail in World War II and, ultimately, in the Cold War,” Weber said.

In 1950 the Air Research and Development Command broke out as a separate organization devoted strictly to research and development. In 1961, Air Materiel Command was re-designated Air Force Logistics Command, while the Air Research and Development Command gained the added responsibility for weapon system acquisition and was re-designated Air Force Systems Command.

Today, AFMC delivers war-winning expeditionary capabilities to the warfighter through development and transition of technology, professional acquisition management, exacting test and evaluation, and world-class sustainment of all Air Force weapon systems.

From its inception the command and its Airmen have been involved with operations that span the globe. As early as five months after AFMC’s start, the command supported the Air Force’s famine relief



U.S. Air Force file photo

**Secretary of the Air Force Dr. Donald B. Rice (from center left), Air Force Chief of Staff Gen. Merrill A. McPeak and Air Force Materiel Command Commander Gen. Ronald W. Yates stand as the AFMC flag is unfurled at the command's activation ceremony July 1, 1992. This year AFMC celebrates its 20th anniversary of providing expeditionary capabilities to the warfighter through development and transition of technology, acquisition management, test and evaluation, and sustainment of all Air Force weapon systems.**

efforts in Somalia through airlift and refueling capabilities.

At the end of that decade, in 1999, AFMC provided critical support in Kosovo – then a province in Yugoslavia. Beginning in April and continuing through the end of the fiscal year, AFMC depots surged production to maintain proper stock levels and fill depleted readiness spares packages.

AFMC support marked the combat debut of the B-2A stealth bomber, armed with the Joint Direct Attack Munition that became the “weapon of choice” during the conflict, said Weber.

After Sept. 11, 2001, AFMC’s technological and logistical support of weapon systems also proved crucial to Operation Enduring Freedom. Currently, more than 1,200 AFMC Airmen support operations in the U.S. Central Command and Africa areas of responsibility.

The command currently supports nine host bases, and runs the Air Force’s medical and test pilot schools. AFMC’s workforce of more than 80,000 Airmen is comprised of approximately 6,000 officers, 13,000 enlisted and around 62,000 civilians – about 40 percent of the total number of civilians employed by the Air Force. This high civilian-to-military ratio is critical to providing the continuity needed to manage the life cycles of weapons system programs.

In November 2011, the command announced a restructure of its organizations – reducing AFMC’s centers from 12 to five – as part of several Air Force efficiency efforts.

The command’s 20th anniversary year was commemorated in March with the official release of the limited edition book “Air Force Materiel Command: 20 Years of Warfighter Support.”

## FIRE

Continued from 1

“atmospheric lifetime of five days, compared to 65 years for Halon,” according to 3M.

Novec also has an intangible benefit to its customers. Current Halon bottles inside hush houses must be routinely serviced. Every bottle whose contents are dispersed in the event of a fire, Air Force-wide, must be refurbished, filled, leak-checked, and then shipped to the hydrostatic shop here at Robins.

“They reclaim the halon – a time-consuming and expensive process – which can take two months for a single bottle,” said 1st Lt. David Butzin, Hush House program engineer. “Novec will allow us to use similar bottles that are maintained

at the field level.”

This means local units in possession of Novec-filled bottles will no longer have to ship them back here. Instead, they will be filled by local manufacturers. This process will shave months off processing time. In fact, a hush house can be up and running again, with newly-filled bottles, in a matter of weeks.

“This system actually represents significant savings over alternatives we considered previously,” added Butzin.

Small-scale testing was conducted inside a T-10 model hush house in Montgomery May 14 through 18. The demonstration included a mock-up of an engine on fire.

Mechanical rooms on either side of the facility were retrofitted with 10 new

Novec bottles, each containing about 820 pounds of the new agent.

Hush house systems act similar to a sprinkler system. Once a lever is pulled to activate it, the chemical is released through a nozzle in a piping system and dispersed throughout the sealed building. In Alabama, the process took 9.9 seconds to put out a fire.

“In our case, it lowered the temperature of the test bay by 40 degrees,” said Juan Font, Hush House mechanical engineer. “The chemical reaction is pretty powerful.”

“We can claim success,” said Clay Mims, Engineering Division chief.

The test site’s new system will remain in place for future use. As contracts are renewed after the next year, other bases worldwide will begin using Novec. It is

ideal for bases in hot as well as very cold environments, as Novec’s operational range can work from minus 40 degrees up to 120 degrees.

The demonstration came just two months following initial testing at 3M’s Decatur’s facility.

Additional Robins team members involved efforts included Holly Green, Human Performance and Protective Systems and Propulsion branch chief, and Capt. Marc Hernandez, deputy director; and Ben Heaton, program manager.

“This helps national security in the end,” said Holl. “I am really proud of our team for getting this change, making sure it worked, aligning budgets and requirements, and cooperating with fire departments, maintainers and pilots. I am very pleased. It is a big step forward.”