

2017 JUN 26 AM 11:45

CERTIFICATION

Consumer Confidence Report (CCR)

Columbus Air Force Base

Public Water Supply Name

MS0440018, MS0440003

List PWS ID #s for all Community Water Systems included in this CCR

The Federal Safe Drinking Water Act (SDWA) requires each Community public water system to develop and distribute a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR must be mailed or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR. **You must mail, fax or email a copy of the CCR and Certification to MSDH. Please check all boxes that apply.**

Customers were informed of availability of CCR by: *(Attach copy of publication, water bill or other)*

- Advertisement in local paper (attach copy of advertisement)
- On water bills (attach copy of bill)
- Email message (MUST Email the message to the address below)
- Other _____

Date(s) customers were informed: 6/23/2017 / - / 6/29/2017

CCR was distributed by U.S. Postal Service or other direct delivery. Must specify other direct delivery methods used _____

Date Mailed/Distributed: ___ / ___ / ___

CCR was distributed by Email (MUST Email MSDH a copy) Date Emailed: ___ / ___ / ___

- As a URL (Provide URL _____)
- As an attachment
- As text within the body of the email message

CCR was published in local newspaper. *(Attach copy of published CCR or proof of publication)*

Name of Newspaper: Silver Wings

Date Published: 6/23/2017

CCR was posted in public places. *(Attach list of locations)* Date Posted: 6/23/2017

CCR was posted on a publicly accessible internet site at the following address (**DIRECT URL REQUIRED**):

http://www.columbus.af.mil/Portals/39/documents/other/2017%20CCR.pdf

CERTIFICATION

I hereby certify that the Consumer Confidence Report (CCR) has been distributed to the customers of this public water system in the form and manner identified above and that I used distribution methods allowed by the SDWA. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the public water system officials by the Mississippi State Department of Health, Bureau of Public Water Supply

Thomas Witter / Bicentennial Eg. Flight Commander 26 Jun 2017

Name/Title (President, Mayor, Owner, etc.)

Date

Submission options *(Select one method ONLY)*

Mail: (U.S. Postal Service)
MSDH, Bureau of Public Water Supply
P.O. Box 1700
Jackson, MS 39215

Fax: (601) 576-7800

Email: water.reports@msdh.ms.gov

CCR Deadline to MSDH & Customers by July 1, 2017!

2016 Columbus AFB Drinking Water Quality Report

We are pleased to present this year's Annual Water Quality Report (Consumer Confidence Report) as required by the Safe Drinking Water Act (SDWA). This report is designed to provide details about where your water comes from; what it contains; and how it compares to standards set by regulatory agencies. This report is a snapshot of last year's water quality. We are committed to providing you with information because informed customers are our best allies.

Is my water safe?

Yes, our drinking water is safe to drink. Drinking Water on Columbus AFB is routinely monitored for contaminants according to federal and state laws. All samples Columbus AFB are collected by the Bioenvironmental Engineering Flight and analyzed by the Mississippi State Department of Health. Additional sampling is completed by the water provider, Columbus Light and Water Company. All results for 2016 are summarized in the Water Quality Data Table below.

Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immune-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

Where does my water come from?

Columbus AFB water is supplied by Columbus Light and Water. The water is pumped from eight wells drawing from the massive sands of the lower Tuscaloosa Aquifer. No further treatment is performed by base personnel.

Source water assessment and its availability

A Sanitary Survey was completed for 2016 as required for compliance with the Ground Water Rule. Columbus AFB water supply received an overall capacity rating of 5.0 out of a possible 5.0 points. For more information, please contact the Bioenvironmental Engineering Flight.

Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline (800-426-4791).

Contact Information

The Bioenvironmental Engineering Flight is the primary point of contact for drinking water information on Columbus AFB. They can be reached by phone at 434-2284 or 434-2285. Additional information can be obtained from the water provider, Columbus Light and Water, by accessing their 2016 Consumer Confidence Report or by contacting 662-328-7192.

Additional Information for Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Columbus Air Force Base is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

Fluoridation

To comply with the "Regulation Governing Fluoridation of the Community Water Supplies", Columbus Light & Water (MS0440003) is required to report certain results pertaining to the fluoridation of the water system. The number of months in the previous calendar year in which average fluoride sample results were within optimal range of 0.7-1.3 ppm was 10. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.7-1.3 ppm was 73%.

Water Quality Data Table

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of contaminants in water provided by public water systems. Unless otherwise noted, the table below lists all of the drinking water contaminants that were detected during the calendar year of this report. Although many more contaminants were tested, only those substances listed below were found in your water. All sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be extremely expensive, and in most cases, would not provide increased protection of public health. A few naturally occurring minerals may actually improve the taste of drinking water and have nutritional value at low levels. The EPA or State required monitoring frequency varies for contaminants based on risk to the system. As such, some of our data, though representative, may be more than one year old. In this table, you will find terms and abbreviations that might not be familiar to you. To help you better understand these terms, we've provided the definitions below the table.

Contaminants	MCLG or MRDLG	MCL, TT, or MRDL	Your Water	Range	Sample Date	Violation	Typical Source
Disinfectants & Disinfection By-Products							
Haloacetic Acids (HAA5) (ppb)	N/A	60	3.25	1 - 9	2016	No	By-product of chlorination
Total Trihalomethanes (TTHM) (ppb)	N/A	80	4.44	ND – 6.32	2016	No	By-product of chlorination
Chlorine (as Cl ₂) (ppm)	4	4	1.30	0.10 – 1.96	2016	No	Additive to control microbes
Inorganic Contaminants							
Barium (ppm)	2	2	0.0158	N/A	2016	No	Erosion of natural deposits; Discharge from drilling waste or metal refineries
Antimony (ppm)	0.006	0.006	< 0.0005	N/A	2016	No	Discharge from petroleum refineries, fire retardants, ceramics, electronic solder
Arsenic (ppm)	0	0.01	< 0.0005	N/A	2016	No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Beryllium (ppm)	0.004	0.004	< 0.0005	N/A	2016	No	Discharge from metal refineries and coal-burning factories; Discharge from electrical, aerospace, and defense industries
Cadmium (ppm)	0.005	0.005	< 0.0005	N/A	2016	No	Corrosion of galvanized pipes; Erosion of natural deposits; Discharge from metal refineries;

							Runoff from waste batteries and paints
Chromium (ppm)	0.1	0.1	< 0.0005	N/A	2016	No	Discharge from steel and pulp mills; Erosion of natural deposits
Mercury (ppm)	0.002	0.002	<0.0005	N/A	2016	No	Erosion of natural deposits; Dis charge from refineries and factories; Runoff from landfills; Runoff from cropland
Fluoride (ppm)	4	4	0.828	N/A	2016	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Selenium (ppm)	0.05	0.05	<0.0025	N/A	2016	No	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines
Thallium (ppm)	0.002	0.002	<0.0005	N/A	2016	No	Leaching from ore-processing sites; Discharge from electronics, glass, and drug factories
Nitrate (ppm)	10	10	< 0.08	N/A	2016	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Nitrite (ppm)	1	1	< 0.02	N/A	2016	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Nitrate-Nitrite	10	10	<0.1	N/A	2016	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits

Microbiological Contaminants

Total Coliform (positive samples/month)	0	0	0	0	2016	No	Naturally present in the environment
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Inorganic Contaminants

Contaminants	MCLG	AL	Your Water	# Exceeded AL	Sample Date	Violation	Typical Source
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Copper (ppm)	1.3	1.3	< 1.3	0	2015	No	Corrosion of household plumbing systems; Erosion of natural deposits
Lead (ppm)	0	15	< 15	0	2015	No	Corrosion of household plumbing systems; Erosion of natural deposits

Unit Descriptions	
Term	Definition
<	Less than or below the limit of detection for a particular analysis method
ug/L	Number of micrograms of substance in one liter of water
ppm	parts per million, or milligrams per liter (mg/L)
ppb	parts per billion, or micrograms per liter (ug/L)
pCi/L	pCi/L: picocuries per liter (a measure of radioactivity)
positive samples/month	Number of samples taken monthly that were found to be positive
N/A	Not applicable
ND	Not detected

Important Drinking Water Definitions	
Term	Definition
AL	Action Level: The concentration of a contaminant (lead or copper) that triggers treatment or other requirements for a water system
MCL	Maximum Contaminant Level: The maximum permissible level of a contaminant in water which is delivered to any user of a public water system
MCLG	Maximum Contaminant Level Goal: The maximum level of a contaminant in drinking water at which no known or anticipated adverse effects on the health of a person would occur, and which allows an adequate margin of safety.
MRDL	Maximum Residual Disinfection Level: The level of a disinfectant added for water treatment that may not be exceeded at the consumer's tap without an unacceptable possibility of adverse health effects.
MRDLG	Maximum Residual Disinfection Level Goal: The maximum level of a disinfectant added for water treatment at which no known or anticipated adverse effects on the health of persons would occur and which allows an adequate margin of safety.
TT	Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.
Violation	Exceedance of an AL or MCL
Your Water	The average level recorded for a contaminant.

For more information please contact:

Contact Name: Bioenvironmental Engineering
Address: 201 Independence Drive, Building 1100
Columbus AFB, MS 39710-5300
Phone: (662) 434-2284 or (662) 434-2285
Fax: (662) 434-2515

Produce Pilots, Advance Airmen, Feed the Fight

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38750

Vol. 41, Issue 24

SILVER WINGS

"Produce Pilots, Advance Airmen, Feed the Fight"

Columbus Air Force Base, Miss.

SILVER WINGS
Magazine
P.O. Box 38750
Columbus, MS 38750
RETURN SERVICE
REQUIRED

June 23, 2017

Weather

Friday	Saturday
Thunderstorms High 85°F Low 73°F	Thunderstorms High 86°F Low 72°F
Sunday	Monday
Thunderstorms High 85°F Low 67°F	Mostly Clear with Chance of Rain High 92°F Low 68°F

Forecast provided by the NWS Weather High

News Briefs

5th Annual Color Run
The 14th Force Support Squadron is holding the 5th annual Color Run at 8:30 a.m. June 24 at the Lillard Zer Park.

SUP1 Class 17-11 Graduation
Squadron 17-11's Under Pilot Training Class 17-11 graduates at 10 a.m. June 30 at Kays Auditorium.

Enlisted Promotion Ceremony
The next Columbus Air Force Base Enlisted Promotions ceremony is at 3 p.m. June 30 at the Kays Auditorium.

Inside



Feature 8
The Bienenvironmental Fight is highlighted in this week's feature.

Fireworks on the Water returns to Columbus

2nd Lt. Savannah Stephens
14th Flying Training Wing
Public Affairs

On July 1, fireworks will fly over the Stennis Lock and Dam in a patriotic salute to our nation's history. The event, titled "Fireworks on the Water 2017," is a free, open-to-the-public initiative between the community and Columbus Air Force Base celebrating Independence Day.

Nancy Carpenter, CEO and Executive Director of Visit Columbus and Fireworks on the Water coordinator, said the community is honored to host and celebrate this event in honor of the men and women of Columbus AFB.

While fireworks are in the title, the event features far more than just a fireworks display. Airmen staying in town for the holiday can bring their chairs, grab a burger or a snow-cone and listen to live music courtesy of Swing Shift and Danika Parz. While the kids enjoy bouncy castles, the night sky will come alive with lights, choreographed to music.

Fireworks on the Water will begin at 5 p.m. at the East Bank of the Stennis Lock and Dam. Please bring your lawn chairs and picnic blankets, but leave the personal fireworks and pets at home. Like Columbus AFB, fireworks are not permitted on federal property. Be sure to arrive early to nab a prime parking spot.

After the fireworks are over, don't forget to look for prizes for adults. Vendors for the event include Mughbors and Check-It-A, as well as barbecue, funnel cakes, catfish and more. Children can have their faces painted, race through an inflatable obstacle course, hang out with



Columbus' own Morber Goose, or take their picture with Deslee the Clown.

Music will begin at 3 p.m. with local band Swing Shift. Swing Shift's signature sound comes from the 1950s and 1970s.

Fireworks on the Water will be a joint effort between the base and community since 2006. Columbus AFB is proud to partner with the City of Columbus, Visit Columbus, Lowndes County, and the Army Corps of Engineers to put on such a fantastic, free family-friendly event. Those interested in volunteering to help can visit www.givegah.com.


COLUMBUS AFB TRAINING TIME LINE

PHASE II		PHASE III	
Squadron	38th (18-05)	Squadron	49th (17-11)
Class	2-29 Jans - 0.15 days	Class	-2-48 Jans - 0.79 Jans
Overall	1-31 Jans - 0.10 days	Overall	2-22 Jans - 4.98 Jans
Graduation	June 29	Graduation	June 30

The graduation speaker is Col. James Fisher, 14th Flying Training Wing Vice Commander.

WING SORTIE BOARD	
Aircraft	14-128
Sorted	1,859
FF	23,965
T-6	552
T-1	6,050
T-38	720
IFF	667
	309
	242
	3,342

* Mission numbers provided by 14 FTW Wing Scheduling.

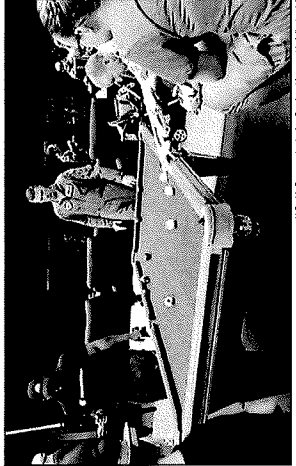


14TH FLYING TRAINING WING DEPLOYED

As of press time, 15 TEAM BLAZE members are deployed worldwide. Remember to support the Airmen and their families while they are away.

Deployment numbers provided by the Installation Personnel Readiness Office.

Airmen enjoy game of pool at recent Dorm Dinner



U.S. Air Force photo by Staff Sgt. Anthony M. Searles

Col. Doug Geaney, 14th Flying Training Wing Commander, watches as Chief Master Sgt. Johnathan Hoover, 14th FTW Command Chief, plays pool with Airman 1st Class Wesley Roland, 14th Security Forces Squadron, left, June 16, 2017, at Columbus Air Force Base, Mississippi. The First Four, an organization representing the Airman tier, hosted a Dorm Dinner where anyone living in the enlisted dorms could get a free meal, socialize with their wingmen and talk to leadership in a friendly environment.

Silver Wings

How to reach us

14th Flight Training Wing Public Affairs
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Columbus, MS 39710
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DSN: 742-7088
Fax: (662) 434-7009
Email: silverwings@us.af.mil

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Submission Deadline

The deadline for submitting copy for next week's SILVER WINGS is noon Monday. Articles may be dropped off at the public affairs office or e-mailed.


Published by the Command Dispatch Publishing Office at the U.S. Air Force Department of Defense or the Department of the Air Force. The approval of advertising in this publication does not constitute endorsement by the DOD, the Department of the Air Force or the Air Force Publications, Inc., of the products or services advertised.

Everything advertised in this publication shall be made available for purchase, use or patronage without regard to race, religion, sex, age, handicap, national origin or other non-merit factors of the purchaser, user or patron.

Editorial comments are edited, prepared and provided by the 14th Flying Training Wing Public Affairs Office of Columbus, MS.

The SILVER WINGS staff reserves the right to edit or reword all copy submitted when necessary. All photos are U.S. Air Force property and will be returned to the submitter at the discretion of the Air Force. The advertising department can be reached at (662) 386-2424.

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St. Paul's Episcopal Church

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(potluck provided)

St. Paul's Episcopal Church
The Rev. Jane Barth
318-6671 • www.stpaulsmiss.com

New Salem Baptist Church

welcomes you!

7086 Wolf Road
3 miles south of Columbus, MS
www.newsalembaptist.com

Pastor: Bro. Neil Howerton

SUNDAY 10:30 am
Sunday School (all ages) 9:15 am
Worship 10:30 am
DISCIPLESHIP Training - 5pm
WEDNESDAY
Evening Worship - 6pm
Adult/Youth Bible Study, BKE, GAs
& Mission Friends
6:00-7:30 pm
Nursery available for 0-5 year olds.

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Hand deliver resume to:
The Dispatch
1601 Piedmont
510 Main Street, Columbus, MS
662-452-2518
bpruffitt@dispatch.com

THE DISPATCH

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Mercy Ships.org
800-772-5HIP

EMCC Lion Hills ad

MON	TUE	WED	THUR	FRI	SAT/SUN	LONG RANGE EVENTS
26	27	28	29	30	1/2	July 13: 14th SRS CoC
			14th SRS CoC, 10:14 a.m. @ Club	SUPT Class 17:11 Graduation, 10 a.m. @ Club	14th SRS CoC, 10:14 a.m. @ Club 14th SRS CoC, 10:14 a.m. @ Club 14th SRS CoC, 10:14 a.m. @ Club 14th SRS CoC, 10:14 a.m. @ Club 14th SRS CoC, 10:14 a.m. @ Club	July 14: 14th COONS CoC July 14: SUPT Class 17:12 Assignment Night July 18: Wing Newsconces Orientation July 21: Air Force Birthday Ball Drawdown July 28: SUPT Class 17:12 Conclusion July 31: Enlisted Promotions July 31: Quarterly Awards Aug. 4: End of Summer Bash Aug. 4: SUPT Class 17:13 Assignment Night Aug. 7: 14th MDG CoC
3	4	5	6	7	8/9	
AETC Family Day and Health			Col. Fisher's Flight, 1 p.m. @ Base Operations	Col. Fisher's Flight, 1 p.m. @ Base Operations		

WARNING SIGNS

Type 1 diabetes may occur suddenly and includes:

- Extreme Thirst
- Frequent Urination
- Drowsiness or Lethargy
- Increased Appetite
- Sudden Weight Loss
- Sudden Vision Changes
- Sugar in the Urine
- Fruity Odor on the Breath
- Heavy or Labored Breathing
- Stupor or Unconsciousness

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SILVER WINGS June 23, 2017 15

NEWS AROUND TOWN

June 24
The Bicentennial of Mississippi and this summer we will celebrate the 200th birthday in West Point Half-Centennial. Celebrate with us at the Half-Centennial Celebration on Saturday, June 24, 10:00 a.m. to 1:00 p.m. at the DDU Welcome Center. The celebration will stop along the way, learning the history of Mississippi and West Point.

June 13 - July 28
Lion Hills Center and Golf Course will host Junior Golf Camps throughout the summer. Remaining classes are June 27 - 30; July 11 - 14; July 18 - 21; and July 25 - 28. Contact Lion Hills at 662-328-4837 for more information.

BARGAIN LINE

The deadline for submitting ads is **Monday before the desired publication date**. Ads turned in after the deadline will not appear in the publication. Ads for multiple issues should be submitted at the public affairs office to the 14th Flying Training Wing Headquarters building, e-mailed to advertising@14fw.af.mil, or by phone to 434-7095. Call us at 434-7095 for more information.

TOOLS & EQUIPMENT
For Sale: Multiple items for sale, including three new deer hunting caps, \$10 each, three Kentucky Wildcat right to limit ads based on content, \$10 each; one 6-inch fixed blade knife with gut hook, \$9; one used kerose oil lamp with oil included, \$15; one straight back wooden chair with one metal leg, \$10. Items are available for purchase through The Commercial Dispatch, 328-2424.

MISCELLANEOUS
For Sale: White 2005 Cadillac CTS, rear wheel drive, 3.6 L, V6, \$8,400. Call 344-5861 for more information.

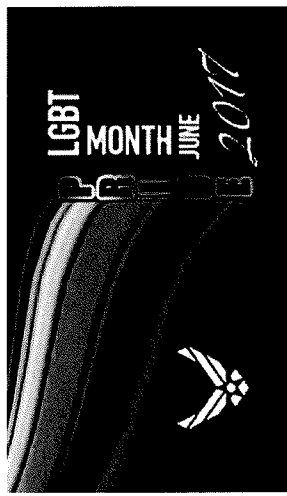
CLEARED HOT
(Continued from page 13)
Chris.
The routing chain from target identification to strike can take anywhere from a few minutes to several hours depending on the situation and the mission. The significance of the mission and the commander's intent for the particular strike; this complete understanding demonstrates a high level of proficiency in flying daily combat missions to support multiple theaters ahead.

"Taking the fight to the enemy requires all aircrews to follow stricter guidance in order to eliminate the enemy and safeguard friendly and coalition forces. The aircrews flying the multi-role MQ-1B and MQ-9, follow the same doctrine in support of 24/7 combat operations daily while adding an extremely professional and precise persistence over a target, MQ-1 and MQ-9 aircrews are able to integrate the entire targeting process from identification to final de-

struction and strike; evaluation into a single platform versus requiring different multiple assets to accomplish the mission.

Brian went on to say that MQ-1 and MQ-9 aircrews receive special training to understand ROE as well as the commander's guidance and intent for a particular strike; this complete understanding demonstrates a high level of proficiency in flying daily combat missions to support multiple theaters ahead.

"Taking the fight to the enemy requires all aircrews to follow stricter guidance in order to eliminate the enemy and safeguard friendly and coalition forces. The aircrews flying the multi-role MQ-1B and MQ-9, follow the same doctrine in support of 24/7 combat operations daily while adding an extremely professional and precise persistence over a target, MQ-1 and MQ-9 aircrews are able to integrate the entire targeting process from identification to final de-

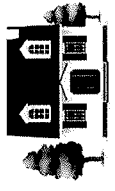


Hunt Housing tip of the week

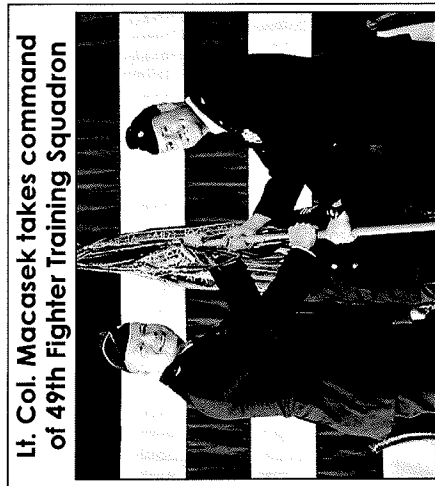
Columbus Family Housing is looking for volunteers to serve as tenant representatives within housing. If you would like to be part of a winning team that solves housing problems of the first to know in your neighborhood, then sign up today.

You will be the voice that represents your community. Not only will your voice be heard by leadership but you can potentially make a difference that may affect the future of your fellow service members for years to come.

While serving as a tenant representative, you will attend monthly meetings with Columbus Family Housing and the



Please contact Kesler Cowans at 662-434-8213 for more information if you are interested.



Lt. Col. Maccsek takes command of 49th Fighter Training Squadron

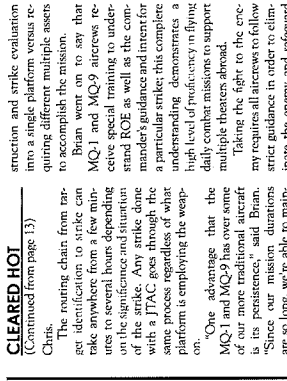
U.S. Air Force photo by Staff Sgt. Stephen S. ...
Col. Stan Lewis, 14th Operations Group Commander, the new 49th FTSC Commander, June 16, 2017, at Columbus Air Force Base, Mississippi. The passing of the guidon has been a military tradition dating back to ancient times. The troops of the old commander would assemble and salute him one last time, then the new commander would receive the guidon, symbolizing he is taking charge of the troops, and the troops would then welcome the new commander.

Commander's Action Line
434-1414

The Commander's Action Line is your direct line to the commander for comments and suggestions on how to make Columbus AFB a better place. Although the Commander's Action Line is always available, the best way to resolve problems is through the chain-of-command.

The Commander's Action Line phone number is 434-1414. Callers should leave their name and phone number on an answering machine. All messages are confidential. Messages may be accessed in the Silver Wings without names.

Written questions may also be brought to the PA office in the Wing Headquarters building, BLDG. 724, suite 210. Questions and answers may be edited for brevity and style.



Go behind the scenes and see what it takes to put out a daily newspaper!

Call 662-328-2424 today to schedule a tour for your group or organization.

Bargain Line advertisement
The Bargain Line is free for all military members (including paid and reserve members), DOD civilians, military retirees, family members and Bargin Line advertisements must be turned in to the Silver Wings office in the 14th Flying Training Wing headquarters building by noon Monday to be included in the following week's issue. Late ads will be held over for the next issue.

Resumes must be placed in to the Silver Wings office, 634-7066, by noon Monday for inclusion in the next week's issue. Resumes do not re-submit ads for re-run on this form. Advertisements should contain a home phone number, home address or both. Duty phone numbers will not appear in the ad.

Private, business or estate residences, a continuous source of income, such as buy-sellings or rental property, may not appear in the Bargain Line. These may, however, be purchased through the Silver Wings publisher, 328-2424. These fill out this form completely. The Silver Wings staff reserves the right to edit ads as necessary.

Type of advertisement (circle one) Home Transportation Miscellaneous Yard sales Pets

Print advertisement _____

Name _____

Home Telephone # _____ Duty Telephone # _____ (in case we need more information)

Please let us know what you think of the Silver Wings:
Are you happy with the Silver Wings? Yes No
What would you like to see more of in the newspaper? News Sports Photos Other _____

If you would like to give any other suggestions, please e-mail us at: advertising@14fw.af.mil.

2016 Columbus AFB Drinking Water Quality Report

We are pleased to present this year's Annual Water Quality Report (Consumer Confidence Report) as required by the Safe Drinking Water Act (SDWA). The report provides you with information about your water quality, what it means, and how it compares to standards set by regulatory agencies. This report is a snapshot of last year's water quality. We are committed to providing you with information because informed customers are our best allies.

Is my water safe?

Yes, our drinking water is safe to drink. Drinking Water on Columbus AFB is routinely monitored for contaminants by the Air Force Civil Engineer Center (AFCEC). All drinking water is analyzed by the Mississippi State Department of Health. Additional sampling is completed by the water provider, Columbus. See WATER REPORT, Page 5

Unit Descriptions

ppm — Parts per million. The concentration of a contaminant (lead or copper) that triggers treatment or other requirements for a water system.
mg/L — Milligrams per liter. The concentration of a contaminant in water which is delivered to any use of a public water system.
µg/L — Micrograms per liter. The maximum level of a contaminant in water that does not cause adverse effects on the health of persons who consume it.
µg/gal — Micrograms per gallon. The maximum level of a contaminant in water that does not cause adverse effects on the health of persons who consume it and which allows an adequate margin of safety.
ppb — Parts per billion. The level of a contaminant in water that does not cause adverse health effects.
MRDLG — Maximum Residual Disinfection Level Goal. The maximum level of a disinfectant in water that does not cause adverse effects on the health of persons who consume it and which allows an adequate margin of safety.
TT — Treatment Technique. A required process intended to reduce the concentration of a contaminant in water.
Violation — Exceedence of an A.L. or MCL.
Your Water — The average level recorded for a contaminant.

Important Drinking Water Definitions

AL — Action Level. The concentration of a contaminant (lead or copper) that triggers treatment or other requirements for a water system.
MCL — Maximum Contaminant Level. The maximum level of a contaminant in water that does not cause adverse effects on the health of persons who consume it and which allows an adequate margin of safety.
MRDLG — Maximum Residual Disinfection Level Goal. The maximum level of a disinfectant in water that does not cause adverse health effects.
MRDL — Maximum Residual Disinfection Level. The maximum level of a disinfectant in water that does not cause adverse effects on the health of persons who consume it and which allows an adequate margin of safety.
TT — Treatment Technique. A required process intended to reduce the concentration of a contaminant in water.
Violation — Exceedence of an A.L. or MCL.
Your Water — The average level recorded for a contaminant.

For more information please contact:
 Contact Name: Environmental Engineering
 Address: 201 Independence Drive, Building 1100
 Columbus, MS 39208
 Phone: (662) 434-2284 or (662) 434-2285
 Fax: (662) 434-2515

Water Quality Data Table

In order to ensure that tap water is safe to drink, EPA oversees regulations which limit the amount of contaminants in water provided by public water systems. Unless otherwise noted, the table below lists all of the drinking water contaminants that were detected during the calendar year of this report. Although many more contaminants were tested, only those substances listed below were found in your water. All sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be extremely expensive, and in most cases, would not provide the level of public health protection that is necessary to ensure the safety of drinking water. The EPA's SDWA requires public water systems to monitor for a wide range of contaminants, and to report the results of these tests to their customers. Some of our data, though representative, may be more than one year old. In this table, you will find terms and abbreviations that might not be familiar to you. To help you better understand these terms, we've provided the definitions below the table.

Contaminant	MCLG or AL (ppm)	MCL (ppm)	Your Water (ppm)	Exposure (ppm)	Sample Date	Violations	Typical Source	
							MCLG	AL
Chlorine (as Cl₂) (ppm)	4	4	1.30	0.10-1.98	2016	No	By-product of drinking water chlorination	None
Iron (ppm)	2	2	0.155	NA	2016	No	Erosion of natural deposits; Discharge of iron from pipes	None
Ammony (ppm)	0.06	0.06	<0.005	NA	2016	No	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder	None
Arsenic (ppm)	0	0.01	<0.005	NA	2016	No	Erosion of natural deposits; Runoff from orchards; runoff from glass and electronics production wastes	None
Beryllium (ppm)	0.004	0.004	<0.005	NA	2016	No	Coal-burning facilities; Discharge from electrical, aerospace and defense industries	None
Cadmium (ppm)	0.005	0.005	<0.005	NA	2016	No	Corrosion of galvanized pipes; Erosion of natural deposits; Discharge from metal refineries; pig iron and pig mills; Erosion of natural deposits	None
Chromium (ppm)	0.1	0.1	<0.005	NA	2016	No	Steel-making waste; Tanning and pig mills; Erosion of natural deposits	None
Mercury (ppm)	0.002	0.002	<0.005	NA	2016	No	Erosion of natural deposits; Discharge from landfills; Runoff from landfills	None
Fluoride (ppm)	4	4	0.828	NA	2016	No	Erosion of natural deposits; Water additive from mines	None
Selenium (ppm)	0.05	0.05	<0.005	NA	2016	No	Discharge from petroleum and metal refining; Erosion of natural deposits; Discharge from mines	None
Thallium (ppm)	0.002	0.002	<0.005	NA	2016	No	Discharge from electronics, glass, and drug factories	None
Nitrate (ppm)	10	10	<0.08	NA	2016	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits	None
Nitrite (ppm)	1	1	<0.02	NA	2016	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits	None
Nitrate-Nitrite (ppm)	10	10	<0.1	NA	2016	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits	None
Microbiological Contaminants								
Total Coliform (positive samples/month)	0	0	0	0	2016	No	Naturally present in the environment	None
Inorganic Contaminants								
Contaminants	MCLG	AL	Year	# Exceeds	Sample Date	Violations	Typical Source	
Copper (ppm)	1.3	1.3	<1.3	0	2015	No	Corrosion of household plumbing systems; Erosion of natural deposits	None
Lead (ppm)	0	15	<15	0	2015	No	Corrosion of household plumbing systems; Erosion of natural deposits	None

LEGACY

"It's a little weird, especially with a lot of the leadership here," said Will. "They know him long before we knew me, so coming in, I kinda got a little bit of a reputation for being a 'legacy'." And that's not entirely true, he took home-

self in the incoherent situation where he meets his father's friends who know him as a baby. Except in his case, they're now flying a plane with him, a unique aspect of the Air Force Reserve where Airman can develop deep camaraderie from working together.

"I was on the schedule with a raffle, but I got out of it," said Will. "I'm scheduled to fly together." Will said, "John also finds himself in surreal moments with his son. Imagine sitting across the dinner table and, both have one day and then across a conference table the next."

"It's odd when I'm chatting a meeting and seeing my kid at the end of the table," said John. "It's different, but strange moments aside, the two are proud of working together to achieve Will's dream of flying, and both have vivid memories of the steps along the way."

"This has been kind of a 22-year journey to get from six-three to flying a C-130 because that's what I always wanted to do," said Will. "I've extended beyond his completion of pilot training to include the discussions and plans they created together to achieve his dream."

"I think every parent wants their kid to fulfill their dream," said John. "That's a parent's dream to be able to do that. And going through the approval and getting all my gray hairs and making sure he goes through all these things, it's a little bit of a challenge, but he finally got his wings and made it through pilot training. It's a culmination of all the discussions we had over the dinner table and the decades of all the talks that we've had coming true. So when he got his wings, that was my proudest moment."

He's achieved his dream and now he's his own person and can go out there and accomplish the things he wants to do."

Cleared hot: When predators and reapers engage

Airman 1st Class James Thompson, 42nd Wing/432nd Air Expeditionary Wing Public Affairs

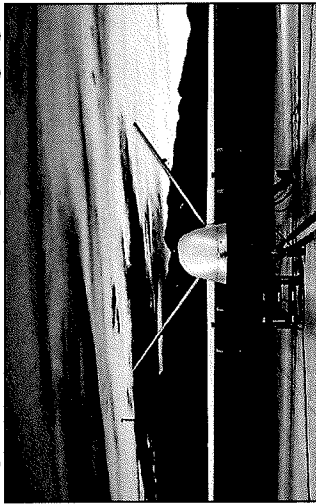
CREECH AIR FORCE BASE, Nev. — Following the mission brief and pre-flight checks, an aircraft consisting of an officer pilot in command and a career enlisted aviator sensor operator departed for a target area in the U.S. and waits for the green light from a joint terminal attack controller on the ground.

Anticipation heightens as the JTAC confirms the target and gives the aircraft clearance to attack. The aircraft then reviews checklists before engaging. Adrenaline begins to seep in and the whirring from electronic components in the cockpit recedes from the pilot's senses. The target, a base-guided AGM-114 Hellfire missile, is released. The sensor operator homes in on the objective at hand by keeping the laser designator crosshairs precisely over the target and guiding the missile.

Unbeknownst to most people, the multi-role MQ-1 Predator and MQ-9 Reaper strikes are coordinated through specific routing charts and a unique weapon employment to ensure the fulfillment of the commander's intent and the commander's requirements and overall rules of engagement.

These aircraft follow the same weapons employment process as those in other traditional fighter and bomber aircraft. "Anytime a munition is employed or dropped by any platform to include our MQ-1s and MQ-9s, the results of engagement are tracked by the Weapons and Targeting Wing/432nd Air Expeditionary Wing Weapons and Tactics assistant director of operations," they define the specific requirements as far as who, what and when something can be targeted for the employment of a weapon."

Brian explained that, like other aircraft, there are two different types of strikes that occur in theater. One is a deliberate strike and the other is a dynamic target situation. "We have been nominated to go through a vetting process and run through the Combined Air Operations Center for nomination," said Brian. "They go through target nominations and individual types of targeters, as well as the individual units, that will execute those strikes to conduct the weaponing and through the Law of Armed Conflict. In terms of proportionality, we satisfy the legal requirements in the Law of Armed Conflict for the use of force. Upholding the laws governing the use of force is a valid target and the proportionality



U.S. Air Force photo by Airman 1st Class James Thompson
An MQ-9 Reaper sits on the flightline Nov. 14, 2014, at Creech Air Force Base, Nevada. The MQ-9 provides persistent attack and reconnaissance capabilities for combatant commanders and coalition forces involved in 24/7 year-round combat operations abroad.

of military force ensures that the enemy can be eliminated without harm to civilians and friendly forces while, also, strictly aligning with the Law of Armed Conflict to meet legal and operational requirements. "The mission is conducted in a dynamic target situation, aligned the commander authorizes the strike and at that point the aircraft is given clearance to then engage the target using the designated weapon as decided by the aircraft, Brian said.

"When the strike is approved, he will plan a game plan 90-line. At that time, I will brief the sensor crew how they're going to conduct and execute that strike," said Chris. "A dynamic target strike is a coordinated effort between the aircraft and a ground team within a joint operations center. Once we've identified and targeted, I'm going to make sure the JTAC is getting approval on his side to get approval for the strike," said Capt. Chris, a 42nd Attack Squadron MQ-9 pilot. "Certain factors, determined by the CAS doctrine and the varying length of time in the continuation of targets, emphasize the need for the commander to be aware of the time provided by the multi-role MQ-1s and MQ-9s. "Personally, I've eliminated enemy forces that were engaging friendly 15 meters away, so it's extremely important to employ quickly and effectively and the MQ-9 is one of the best assets in the Air Force to accomplish this," said Brian. See CLEARED HOT, Page 14



The Air Force Personnel Center is accepting applications for the 2018 Undergraduate Flying Training Board through Nov. 17. The four flight categories available are pilot, remotely piloted aircraft pilot, combat systems officer and air battle manager.

Application window opens for Air Force undergraduate flying training

Kat Bailey

Air Force Personnel Center Public Affairs
JOINT BASE SAN ANTONIO/RANDOLPH, Texas
— Application packages for the next Undergraduate Flying Training selection board are due to the Rated Officer Assistance branch of the Air Force Personnel Center by Nov. 17, 2017.

The board, set for Jan. 22-25, 2018, will consider active-duty officer applicants to attend training as spring 2018. Those interested in becoming a pilot, combat systems officer, remotely piloted aircraft pilot or air-battle manager are encouraged to apply.

Applicants continue to receive opportunities to strengthen the force," said Capt. Devin Stone, the UFT board administrator. "Some initiatives are force-wide; others, such as encouraging eligible active-duty officers to participate in flying training, are more targeted. All have the same objective."

Stone said implementing these initiatives will strengthen the Air Force's competitive position in the battle for top talent.

All UFT applicants must be certified as physically qualified by the Centers for Education and Training Command, Office of the Surgeon General, and the Air Force Personnel Center. Additional information about specific requirements, eligibility criteria, process and other details can be found on myAFS. Solder, "Active Duty Officer" from the dropdown menu and search "UFT."

For more information about Air Force personnel programs, go to myAFS. Individuals who do not have a myAFS account can request one by following the instructions.

Son continues family military legacy, works alongside father at Dobbins

Staff Sgt. Andrew Park
94th Airlift Wing Public Affairs

DOBBINS AIR RESERVE BASE, Ga. — A new pilot here has a particularly special memory from Father's Day last year. While he was attending C-130 pilot training at Little Rock Air Force Base, Arkansas, his father came to visit. His father is no stranger to Little Rock AFB, he also attended training there as a young aviator and was later stationed there when his son was born. Some might call it a family reunion, of sorts.

Staff Sgt. Will Jones, began his assignment at the 94th Airlift Wing when his father, Lt. Col. John Jones, served as the 94th Operations Group deputy commander.

By joining the Air Force, Will continues a family legacy of military service. Will's grandfather was an Army colonel who fought in both World War II and the Korean War, so Will's own father had a similar childhood as he did growing up on military bases and seeing military operations.

"We were stationed at Kadena Air Base in Okinawa, Japan," said John. "My father took me on to the flightline when I was 10, and we'd be up there all day long, so that's what I wanted to do when I was 16."

In his late teens, John decided to join the military. His love of flying drew him to the Air Force.

Almost as if a mission for flying is hereditary like eye color passed from one generation to the next, John's son also inherited the love of flying.

Will developed his interest in flying at an early age from hearing his father talk about the C-130 and the missions he flew as a navigator. "Additionally, his father would talk him through the flight deck and down to the flightline to see the planes up close."

WATER REPORT

(Continued from page 4)
Light and Water Company. All results for 2016 are summarized in the Water Quality Data Table below.

Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immune-compromised persons such as persons with cancer who have undergone chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care provider (CDC).

EPA/CDC's Lead in Drinking Water guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

Where does my water come from?

Columbus AFB water is supplied by the Columbus Light and Water Company. The water is pumped from wells drilled from the massive sands of the lower Tuscaloosa Aquifer. No further treatment is performed by these personnel.

Source water assessment and its availability

A Sanitary Survey was completed for 2016 as required for compliance with the Ground Water Rule. Columbus AFB water supply received an overall capacity rating of 5.0, which is the highest possible rating. For more information, please contact the Environmental Engineering Flight.

Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about

contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline (800-426-4791).

Contact information

The Environmental Engineering Flight is the primary point of contact for drinking water information on Columbus AFB. They can be reached by phone at 434-2284 or 434-2285. Additional information can be obtained from the water provider, Columbus Light and Water, by accessing their 2016 Consumer Confidence Report or by contacting 662-318-1192.

Additional information for Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Columbus AFB's water does not contain lead, but cannot control the entry of lead materials used in plumbing components.

When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to use water tested information with the following steps: Use cold water, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

Fluoridation

To comply with the "Regulation Controlling Fluoridation of the Community Water Supply" (Columbus Light & Water (NSD-44003)) certain results pertaining to the fluoridation of the water system. The number of months in the previous calendar year in which average fluoride levels were within optimal range of 0.7-1.3 ppm was 10. The percentage of fluoride samples collected in the previous calendar year that necessarily indicate that water poses a health risk. More information about

14th CES offers ways to improve air quality

Jamal Lewis
14th CWI Engineering Squadron

Columbus AFB has maintained a record of compliance (no violations) with the Clean Air Act. However, we can always improve. Air quality is affected by many factors, including the pollution that causes poor air quality. This can be accomplished by making minor changes in the choices we make and things that we do on a daily basis.

Columbus AFB encourages everyone to be stewards of our air quality. Here are a few things to consider for ways you can contribute to making our air cleaner:

- Use gas logs instead of wood.
- Find some key words as reminders of methods you can implement to improve our air quality. Check next week's Silver Wings for the answers!

Y G R E N E E V R E S N O C
E L R A N S T W S D G Y G Z
M O N N T M G E D N M K Q B
I O D K N S N O I J B Y J L
S P Q B W I Y L L M K G T B
S R T D G A D G Z S R Z R R
I A J N L I L M R E A J J T
O C E T E K Y K E E K G Y J
N R G D Y V K N T B N W G V
S T J L W L L M N Y J E N T
B W M B N N L O B T N B T X
B P D Y R P L R S B D M G X

- gas logs
- green
- conserving energy
- idling
- solvent
- walk

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www.columbusafb.mil

First Lt. Will Jones, a 700th Airlift Squadron pilot (left) and Lt. Col. John Jones, the 94th Operations Group deputy commander, pose for a photo on the Dobbins Air Reserve Base. Georgia flightline May 26, 2017. The father-son duo are both active-duty military aviators and worked together at Dobbins earlier this year.



U.S. Air Force photo by Don Peck

often pose a number of challenges — as depicted in a variety of sitcoms and movies — but fortunately for the Joneses, they don't face many challenges.

"I used to take him out to the drop zone when he was younger — maybe in 6th grade — and the same guys who worked the drop zone out there are the ones working with him now," John said.

See LEGACY, Page 13

BLAZE Hangar Tails: SR-71 Blackbird

Background
The Lockheed SR-71 Blackbird is a long-range, Mach 3+ strategic reconnaissance aircraft that was operated by the United States Air Force. It was developed as a black project from the Lockheed A-12 reconnaissance aircraft in the 1960s by Lockheed and its Skunk Works division. Renowned American aerospace engineer Clarence "Kelly" Johnson was responsible for many of the design's innovative concepts.

Designed for aerial reconnaissance missions, the SR-71 operated at high speeds and altitudes to allow it to surmount threats if a surface-to-air missile launch was detected, the standard evasive action was simply to accelerate and outfly the missile. The SR-71 was designed to have basic stealth characteristics and served as a precursor to future stealth aircraft.

Statistics
Design: 2, Pilot and Reconnaissance Systems Officer
Crew: 2
Payloads: 3,500 lbs. of sensors
Length: 107 ft. 5 in.
Wingspan: 55 ft. 7 in.
Height: 18 ft. 6 in.
Wing area: 1,800 sq. ft.
Empty weight: 67,500 lbs.

Performance
Max. speed: Mach 3.3 at 80,000 ft.
Range: 2,900 nm.
Cruise: 2,900 nm.
Cruise alt.: 70,000 ft.
Service ceiling: 85,000 ft.
Rate of climb: 11,820 ft./min
Wing loading: 84 lbs./sq. ft.
Thrust/weight: 0.44



Courtesy: NASA



Courtesy: NASA

The SR-71 was known for being the fastest plane in history. If a surface-to-air missile launch was detected, the standard evasive action was simply to accelerate and outfly the missile.

Visit www.columbus.af.mil to learn about Columbus AFB agencies and other important information.

COMMUNITY



105 Air Force Flight School instructor Blake Stone, Pilot for a Day, takes a ride in a T-44 Texan II aircraft Thursday June 16, 2017, on Columbus Air Force Base, Mississippi. Stone and his family toured the base, visited the fire department and ate lunch at the 41st Flying Training Squadron.

Air Force Family Readiness Programs
(Editors' note: All activities are offered at the Airman & Family Readiness Center unless otherwise specified. For more information about any of the activities listed, call 434-2790.)

Smooth Move
The Smooth Move class provides place 10-11:30 a.m. July 13. The class provides relocation information with valuable information about moving. You learn what to expect from the move, how to pack, and how to find a new home. Contact the Airman & Family Readiness Center at 434-2790 to register.

Transition Assistance Program GPS Workshop
The GPS workshop is held 7:30 a.m. - 4 p.m. July 17 & 21. The Transition Assistance Program Workshop has seminars on: Transition, Military Occupational Code Crosswalk, Financial Planning, Health Benefits, Mississippi State Retirement, VA Benefits, Department of Labor Affairs, Disabled TAP Dept. of Labor TAP portion. Pre-separation counseling is required before attending. Recommended attendance is 3-12 months prior to separation/retirement. Spouses are encouraged to attend. For more information or to register call 434-2790.

Wing Newcomers Orientation
This is a mandatory class for all new arrivals. The class provides information on military and civilian life in the South. Spouses are encouraged to attend. The orientation is held at the Columbus Club. For more information or to register call 434-2790.

Military Life Cycle
The Military Life Cycle workshop from 1 - 2 p.m. July 18 allows the VA contractor to explain to service members, whether first term, separating, retiring, or a veteran, what services are available to them. The workshop runs throughout the member's military career and how to apply for benefits. For more information or to register call 434-2790.

Pre-separation Counseling
This is a mandatory briefing for all separating personnel. It is completed up to 12 months prior to separation or 8:30 a.m. It takes approximately 60 minutes. Please contact A&FRC, 434-2839/434-2790 for more information.

Pre-Deployment Tour Brief
This is a mandatory briefing for active-duty personnel who are either deploying or returning from deployment or a remote location. The briefings are held daily at the A&FRC. For more information or to register call 434-2839/434-2790 for more information.

Stone experiences life of pilot

Blake Stone, Pilot for a Day, takes a ride in a T-44 Texan II aircraft Thursday June 16, 2017, on Columbus Air Force Base, Mississippi. Stone and his family toured the base, visited the fire department and ate lunch at the 41st Flying Training Squadron.

The Retiree Activities office and many others. For more information please call A&FRC at 434-2790.

Air Force Recovery Coordination Program
The Recovery Coordination Program streamlines and improves the way we care and support our deployed and returning service members and their families. The RCP provides the support of a Recovery Care Coordinator who guides the Airman and family along their road to recovery. Those eligible include wounded, ill and injured Airmen (1) and their families (1) and injury (2) are unable to return to duty within a specified amount of time (3) may be medically separated from the military. Additional details are available at www.afrc.com. RCP is at DSN: 493-3388. Email: 434-975-3389 or tmstrings1.crc@us.af.mil.

Personal Financial Readiness
Take the next step in your financial future. Get help managing finances, resolving financial problems and reaching long-term goals such as getting an education, buying a home and planning for retirement.

Learn How to Read Your LES
Leave and Earning Statement? Need a refresh on how to read your LES? Get help understanding your LES so that you can monitor your subordinates and your own LES. Financial Readiness has you covered. If you would like to attend, please contact the next CC call or Professional Organization event.

Volunteer Opportunities
If you are interested in volunteering please contact the Airman & Family Readiness Center. We have volunteer opportunities located throughout the base for a one-time event, special events or on a continual basis. Volunteers are needed for the following: Airman & Family Readiness Center, Library, Golf Course, Medical Clinic, Chapel, Airman Artie, Thrift Store,

You can contact Master Sgt. Sabrina Stripes at DSN: 742-3065 or Staff Sgt. Juliana White at DSN: 742-2715.

DRMO
Keep your family in touch with the Defense Family Relocation (DFR) program. The DFR program is a source of supply. Authorized personnel may receive property free of charge if the property is still physically located here in Base. Support of the DFR program is available on the website www.dmo.af.mil. Cost of shipping will apply. Please call Inspection at 434-7731 to review DRMO property or Stock Control at 434-7197 for more information. The program is available in the back of building 158.

Zero Overpricing Program
Increase your savings by using the Air Force money and making the most of it. The Air Force Innovative Development Employee Awareness Program there are award incentives for price challenges that result in tangible savings. In addition, the program provides a reward. Personnel will receive a monetary award. Personnel are encouraged to participate on any overpricing issues daily. Please call Customer Support at 434-7776 for any advice or guidance.

Capital Schedule
Whether you are new to Columbus Air Force Base or have been around for a while, our parish members would like to see you join us as we worship. For more information, please call 434-2500.

Catholic Community
Sundays: Religious Education, grades K-9 (Chapel Annex)
4 p.m. - Choir Practice (Chapel Sanctuary)
4 p.m. - Confession (or by appointment)
7 p.m. - Mass w/Children's Church
Sundays after Mass on 1st and 3rd Sundays of the month
Tuesdays:
11:30 a.m. - Daily Mass
11:30-12:30 p.m. - Adoration

Protestant Community
Sundays:
9 a.m. - Adult Sunday School (Chapel Library)
10 a.m. - Traditional Worship Service
Tuesdays:
5 p.m. - Student Pilot Bible Study (Chapel Library)
Wednesdays:
6 p.m. - Music Rehearsal

Ecumenical services
Wednesdays:
6 p.m. - AWANA, a religious education program for children ages three years old to sixth grade.
6 p.m. - Bible Study on the Gospel for John
6 p.m. - Youth Group

FSS SERVICES

Columbus Air Force Base Information and Events
Join the Columbus Club for a night of wine tasting, finger foods and socializing. The event is open to all club members and \$12 for non-members. Call 434-2489 to sign-up.

A Night of Elegance: Wine Tasting
Join the Columbus Club for a night of wine tasting, finger foods and socializing. The event is open to all club members and \$12 for non-members. Call 434-2489 to sign-up.

Independence Run
The Independence Run will be an Independence Run at 7 a.m. July 14 starting at the fitness center.

Breakfast at the Club
The Columbus Club will host a free breakfast for club members from 6:30 - 9 a.m. July 18. Breakfast includes classic breakfast choices and a waffle station.

Library Summer Reading Program
The Library Summer Reading Program has begun. Please see the Library for the schedule of activities.

BLAZE Commons Coffee House on 5th
The BLAZE Commons Coffee House is open from 6 a.m. - 4 p.m. Monday through Friday. The menu includes coffee, tea, breakfast and lunch items. Drive-thru service available as well as call ahead. Call 434-2504 (2233). The commons also houses the library, an ITT and ODR kiosk, a computer lab, and FedEx drop-off point.

Library Hours
The library is open from 7:30 a.m. - 5 p.m. Mondays, Tuesdays, Wednesdays and Fridays from 7:30 a.m. - 7 p.m. Thursdays and from 8 a.m. - noon Saturdays. The library is closed Sundays and holidays.

Base Pool Hours
Independence Pool is open from noon - 7 p.m. daily. The daily rate is \$3 for non Club members and \$2 for members. Summer hours are available based on family size. Call 434-2507 for more information.

Water Aerobics Instructors Needed
Independence Pool is looking for Water Aerobics Instructors for the 2017 pool season. Lifeguards are also needed. Call 434-2507 for more information.

Fitness/Time Out Child Care
The Child Development Center offers child care from 8:30 - 11:30 a.m. Tuesdays and Thursdays. The cost is only \$4 per child. Call ahead in advance at the CDC or call 434-2479 for more information.

The Overrun Open Friday Nights
The Overrun is open from 4:30 p.m. - midnight Fridays. Bar tabs include chicken wings, burger, chicken tender basket, club, or buffalo chicken wrap. For more information, call 434-2416.

Story Time and Circle Time
The Base Library offers Story Time on July 11 a.m. every Friday for all ages and Circle Time on July 14 a.m. every Friday for ages up to 4 years old. For more information, call 434-2504.

15th Annual Columbus AFB 5K
We're Wild
Color Run
at CARR LifeBlazer Park
June 24
8:30 a.m.
\$10 per person
FREE for military members
This is one of a kind experience that is less about sports and more about enjoying color. Information sheets may be picked up at the CARR Youth Center or Fitness Center!
Check-in at 7:30 a.m.
No money back or refund
Non-refundable \$10 liability waiver
Military ID holder register free at the CARR Youth Center or Fitness Center by June 19

Laser Bowling Special
The Laser Bowling Special is now available at Outdoor Recreation from 5 - 8 p.m. every Friday and Saturday nights. You may purchase individual games for \$2 per game with purchase of \$1.50 shoe rental. For more information, call 434-2506.

Free Wood at Whimsical Pines
Wood is available at Whimsical Pines from 8 a.m. - 3 p.m. Saturdays. Contact Whimsical Pines Monday-Friday to arrange pick-up. Call 434-7932 for more information.

Wood Shop
The wood shop is now open from 10 a.m. - 2 p.m. Mondays, Tuesdays, Fridays and Saturdays.

Lawn Mower and Bicycle Repair
Lawn mower repair is now available at Outdoor Recreation. The cost is only \$40 per hour plus parts pickup and delivery available. Bicycle repair is also available. For more information, call 434-2507.

Hobby and Craft Instructors Needed
Do you have a hobby or craft project you can share with others? For more information, call 434-7836.

Referees Needed
Referees needed for various sports at the Fitness Center. For more information or to sign up, call 434-2772.

Skiat & Trap
Skiat & Trap is available at Outdoor Recreation. Call 434-2507 for more information.

Play Paintball
Paintball events at Outdoor Recreation. The cost is \$15 per person for a party of 10 or more; \$20 per person for a party of 6 or less. You must purchase paint at Outdoor Recreation for \$45 per case of 2,000. For more information, call 434-2505.

Make Your Shopping Easier
The new online shopping site is available to increase the ease of \$5 to fit your budget. They can be used at most Force Support Squadron facilities at Air Force installations worldwide and they never go out of style. Purchase your gift card at one of the following locations: Bowling Center, Golf Course or Youth Center. For more information, call 434-5426.

Take & Bake Pizzas at the Bowling Center
Grab-and-go ready pizzas for you to take home and bake yourself are available at the bowling center. Save \$2 per pizza. Large and medium pizzas only.

Hobby and Craft Instructors Needed
Do you have a hobby or craft project you can share with others? For more information, contact 434-7836.

Interested in Sponsoring with Columbus AFB?
Want your business to reach the 18,000 active-duty military, family members, civilian employees and retirees living and working at Columbus AFB? If you are interested in event sponsorship opportunities, please contact our sponsorship coordinator at 434-2337.

Free Fitness Classes
Free classes are available at the fitness center. Classes range from P90X, Hot Fusion, Ju Jitsu and Floor Care & More. For more information on class schedules, call the Fitness Center at 434-2772.

RV Storage Lot
Don't clutter your home space, park with us. Outdoor Recreation offers a great place to store your RV year monthly or yearly. For more information, call 434-2505.

Instructional Classes at Youth Center
Youth Programs is offering piano lessons, guitar lessons, tumbling classes, dance classes, and martial arts instruction. Times and ages vary for all classes. Call 434-2504 or stop by the Youth Center for more information.

Fitness on Request
CAFES Fitness Spots offers a fully comprehensive group fitness program that is available all day and completely customizable to meet your needs with over 30 different classes on the Fitness on Request system. For more information, call 434-2772.

Space A Lodging
The Memphis Inn usually has openings for Space A family and single units. Call the lodging desk at 434-2548.

Ride in Style
If you don't want to leave your car at the airport over a vacation, we can help you out. Outdoor Recreation offers a shuttle service to the airport of your choice. Call 434-2505 for more information.

VIEWPOINT

Eradicating toxic leadership

Not only do we desire great leaders, we naturally and optimistically want to assume every leader will approach their roles and responsibilities with a positive attitude and with the best interest of the people and institution they serve at heart.

Senior progression is more important than anything else to them, including the unit, mission, and the people they are entrusted to lead.
Underdeveloping subordinates is essential to great leadership. Toxic leaders have no time to develop leaders as they have absolutely no plan to trust you as a leader, and since they are largely terrified by anyone competing to develop a subordinate leader, it's the worst thing a toxic leader could do.
So what's the solution?
All you can really do is survive. You can't hope to change a toxic leader, but you can prevent your subordinates from becoming one in the future.
Inoculate the future: Toxic leaders don't start out all bad, they evolve to it. Toxic leadership grows best when there is a vacuum of concerned leadership, a lack of mentoring and professional development and a lack of "toxic" inoculation from subordinate leaders. It grows where apathy, assumption and fear exist. The best way to prevent toxic leadership is to erode the behavior before it starts.
Build trust: Building and maintaining trust up and down the chain of command may be the single most important and difficult task of a great leader. You cannot surge; trust must be earned, and it can only be earned over a protracted period of observation and mentorship.
The only way that you can effectively build trust across your organization is by training, risk-taking, observing and encouraging. You are not going to get support from your subordinates. Start with a clear intent and then think essential tasks. Look like you care. Guidance, mentoring and feedback complete the trust loop. You have to provide clarity and shared understanding to ensure your subordinate leaders have the information required to make solid decisions; it's the only way that subordinate leaders will be able to understand your expectations, predict your approach and anticipate the decision that you would make under the same circumstances.
Over time, empowered, entrusted, trained and mentored, the subordinates will be able to take on the responsibility of their own, consistent with the mission and look step with the intent of the commander. You will have gained unequivocal trust for your subordinate. But it gets better, your empowerment, investment and mentoring provide an observable example of what right looks like. Through your own consistency in decision making, thoughtful deliberation of critical issues and sage guidance you will have earned the respect and trust of your subordinates and the organization will flourish.

While your team, all of your best positive leadership tools will be quickly stripped from your arsenal or rendered completely ineffectual by the seamless decisions of a power grabbing toxic leader. The climate created under the oppressiveness of a toxic leader permeates every fiber of the command. It seeps into across the breadth and depth, stifles initiative and creates apprehensiveness, crushes innovation and creative problem solving and turns the most motivated and hardest workers into 9 to 5ers.
Disarm: At the heart of a toxic leader is fear and self-loathing. Law self-loathing, low self-confidence and high fear of challenging their next promotion makes them afraid of even the instrument of choice for the toxic leader.
Toxic leaders can't delegate because they don't trust enough in their subordinates because they can't manage everything because they are terrified that a subordinate is going to meet it up and in their fall make the toxic leader or down too. They create a zero defect mentality not because they are perfectionists, but as a tools to hold against their subordinates, to prove that you cannot be entrusted with responsibility, to bring up time and time again to remind you and yourselves that you are not good enough.
Self-preservation: Adversity to accept risk is another essential trait of the toxic leader. It's not exactly what you might be thinking this is not about mitigating necessary operational risk through the operational risk management process. This is about making command decisions that eliminate personal risk to the toxic leader.
If a toxic leader can't effectively remove himself from the firing pattern of a risky decision, a harbinger of well-timed and cleverly worded emails will certainly absorb the bias. Their

1. Micromanagement exists often on an epic scale.
2. There's a lack of respect shown from higher echelons to lower echelons and a lack of simple professionalization.
3. Zero defect mentalities and zero-tolerance policies are standard.
4. Leaders tend to have a suffocating adversity to risk.
5. There's no attempt to develop subordinates.
6. There is no attempt to take authority from the noncommissioned officers and subordinate grade officers within the command.
7. There is a complete lack of trust of superiors, between peers and between subordinates.
8. There is a complete lack of trust of superiors, between peers and between subordinates.

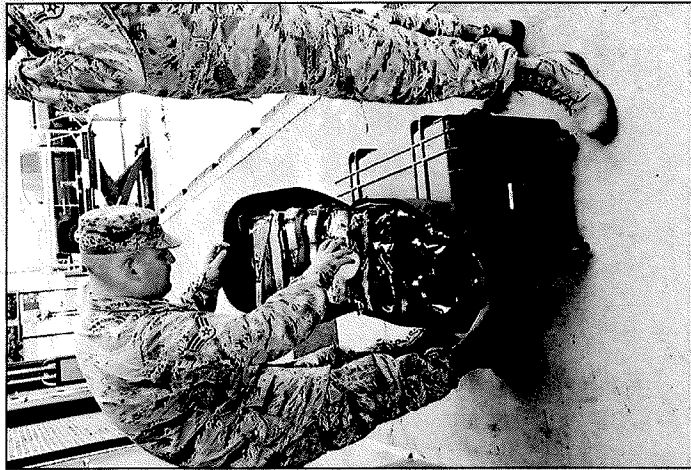
When a toxic leader infects a command all you can hope to do is survive it. There are no effective tools to deal with a toxic leader. The short list of suggested techniques includes "the foxhole" and "when in Rome" — neither are helpful. Worse, there are no tools to remain an effective leader in a toxic environment. As much as you try to protect and protect



**Buckle up!
It's the law.**

Security and policy review
Did you know that as a military member you must coordinate all information relating to speeches, presentations, academic papers, multimedia visual information, materials and information proposed for release to a publicly accessible Worldwide Website, with exception of Air Force publications, through the 14th Flying Training Wing Public Affairs Office? For more information contact the 14th FTW/PA at 434-7088.

Bioenvironmental Flight ensures Airmen can breathe, drink at ease



U.S. Air Force photos by Airman 1st Class BeauX Hebert. Senior Airman Kevin Morgan, 14th Medical Operations Squadron Bioenvironmental Technician, digs through a Quickfilter KF June 20, 2017, at Columbus Air Force Base, Mississippi. The KF contains multiple ways to test air, water and soil for hazardous materials.

Airman 1st Class BeauX Hebert
14th Flying Training Wing
Public Affairs

They are the ones who run in after a dangerous chemical spill, or who are called in to investigate a problem. They make routine visits to ensure a work environment's air, water, and materials are clean and free of toxins and other harmful substances.

The 14th Medical Operations Squadron's Bioenvironmental Flight ensures wherever Airmen work, they can complete the mission safely.

Capt. Thomas Witter, 14th MDCOS Bioenvironmental Flight Commander, believes in practicing "preventive medicine." Witter said their mission is to identify hazards in a hazard has spread and find a way to clean it up.

Bioenvironmental covers a lot of different things. One of their daily tasks include doing routine visits to shops around base. This allows them to establish rapport with fellow Airmen so that they feel comfortable reporting a hazard and the Airmen know exactly who to call for help.

Another common task is doing monthly water samples around base. The sampling ensures that dangerous chemicals have not contaminated our drinking water, showers or any water used for personal consumption.

Bioenvironmental covers a lot of different things. One of their daily tasks include doing routine visits to shops around base. This allows them to establish rapport with fellow Airmen so that they feel comfortable reporting a hazard and the Airmen know exactly who to call for help.

Each Bioenvironmental flight Airmen with gas mask. Every Airman make sure they can safely and properly wear a mask while they work. Bioenvironmental tests the seal of the mask with the Airmen's heads to ensure there is an airtight seal.

However, the job comes with a unique set of challenges. "Every day is a challenge," Witter said. "Every installation has

different chemicals in the ground and different material. It is important to know what is around in order to prevent an accident."

At bases in the U.S., Bioenvironmental does mostly occupational safety. Their time to shine is when there is a work site overseas. They are sent in to test all the resources, make sure there are no chemical or biological hazards, and plan for a possible incident. Witter gave one example of how water is used for everything, therefore it is vital to keep it clean.

Overseas is where we do a lot of the vital jobs," Witter said. "Coming into a new site, we have to figure out what the ground is made of and what we are going to do with it."

The Bioenvironmental Flight has no shortage of equipment for testing. Their tools range from direct reading instruments, mass spectrometers, and a small lab for water testing. These tools are used to test pH levels in water, radiation in the air, and different biological substances that could be potentially harmful.

This career field is one that has a new challenge every day.

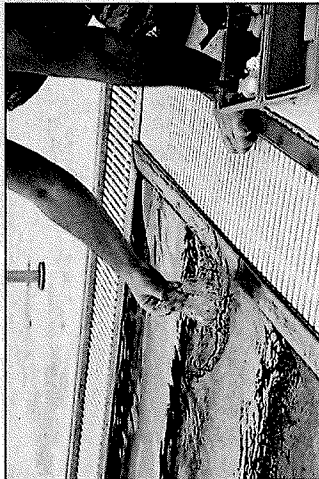
"Working in the Bioenvironmental Flight is a challenge," said Senior Airman Kevin Morgan, 14th MDCOS Bioenvironmental Technician. "There is always something to do and every day is never the same."



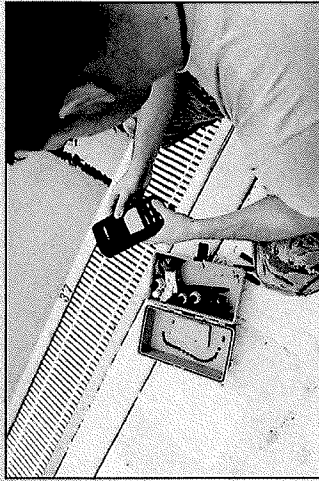
Airman 1st Class Michael Mannarino, 14th Medical Operations Squadron Bioenvironmental Technician, uses a device to test the chlorine levels in the base pool June 21, 2017, at Columbus Air Force Base, Mississippi. Mannarino has to test different areas in the pool to come up with an average chlorine level.



Airman 1st Class BeauX Hebert, 14th Medical Operations Squadron Bioenvironmental Technician, assembles an MMX machine June 20, 2017, at Columbus Air Force Base, Mississippi. The MMX is a vacuum that takes in air and runs it through water which can then be tested for chemicals and biological material.



Airman 1st Class Michael Mannarino, 14th Medical Operations Squadron Bioenvironmental Technician, fills a vial with pool water June 21, 2017, at Columbus Air Force Base, Mississippi. The Bioenvironmental Flight test the base pool to ensure it is safe to swim.



Airman 1st Class Michael Mannarino, 14th Medical Operations Squadron Bioenvironmental Technician, reads a device used to read the pH level in water June 21, 2017, at Columbus Air Force Base, Mississippi. The Bioenvironmental Flight uses a range of tools to test water, air and soil for hazardous materials.