B-52 Stratofortress testers complete leaflet bomb drops

“We are primarily looking to see safe separation from the external Heavy Stores Adapter Beam,” said Kevin Thorn, 419th FLTS B-52 air vehicle manager. “We are ensuring that the bombs do not contact the aircraft, and/or each other, creating an unsafe condition. Additionally we are tracking the reliability of the bomb functioning.”

The PDU-5/B is a new-use or variant of an older Cluster Bomb Unit. The original designation for the weapon was the MK 20 Rockeye II, SUU-76B/B, and/or CBU-99/100. The designator changes depending on the type of filler used in the bomb, said Thorn. Having leaflets as a filler designates the bomb as a PDU-5/B.

According to the Air Force, PDU-5/B canisters can deliver about 60,000 leaflets and were deployed in Operation Iraqi Freedom before any Air Force munitions began hitting targets in Baghdad, Iraq.

The dispenser bomb can be dropped from fighter jets, and now the 419th is trying to see if the B-52 fleet can be used as well. “The PDU-5/B is just another tool that the B-52 uses in its vast and reliable tool box,” said Earl Johnson, B-52 PDU-5/B project manager. “Without the capability to carry PDU-5s on the B-52 aircraft, the impending shortfall on leaflet dispersal capability will jeopardize Air Force Central Command information operations.”

Johnson said testing the PDU-5/B on the B-52 is complete for now. The program is forecasted to return at a future date to test PDU-5/B releases from the B-52’s internal weapons bay.

Cleared for takeoff: Area open for personal sUAS use

Whether you call them drones, quadcopters or the official government term – small unmanned aircraft system – there’s now a place on Edwards for hobbyists to fly their personal sUASs.

The Edwards AFB Personal Small UAS Area is located across the street from Desert Junior-Senior High School’s football field.

The area dimensions are identified with metal posts stating “UAS Boundary.” In addition, the User’s Safety Code is posted at the site.

“This area was chosen because it was close to base housing for resident convenience,” said Trish Fisher, 412th Operations Support Squadron, Current Operations deputy chief. “One of the benefits of the standardized/designated area is that it eliminates the need for each small UAS operator from getting individual permission from the control tower, allowing continuous access to the area during daylight hours.”

Fisher added the area also complies with an FAA notice and FAA advisory regarding the use of model aircraft and sUASs.

This area is the only authorized area where people can fly a sUAS on Edwards apart from the Muroc Model Masters model airplane flying club. The 412th Test Wing’s sUAS Safety Code is designed to promote a safe flying environment.

“I think it is a hobby that can be a lot of fun, but as with all things it can be misunderstood and bring harm to others, so I think the rules put in place provide a good balance between safety and freedom,” said Thomas Llewellyn, 418th Flight Test Squadron, Airlift Scheduling, who is a
U.K. personnel take walk to celebrate RAF’s 100 years

By Kenji Thuloweit
412th Test Wing Public Affairs

United Kingdom military and family members walked from Club Muroc down Doolittle Pkwy. towards Fitz-Gerald Blvd., and back again July 21. The esprit de corps and charity event was conducted as part of preparation for the Royal Air Force’s 100-year anniversary next year.

The U.K. airmen belong to the RAF’s No. 17 Squadron based at Edwards. The squadron conducts operational test and evaluation of the U.K.’s version of the F-35 Joint Strike Fighter. They are a member of the Joint Operational Test Team at the base. The squadron is responsible for bringing the U.K.’s first fifth-generation combat air platform into Royal Navy and Royal Air Force frontline service.

No. 17 Squadron will be conducting various events such as the walk to coincide with celebratory events back in Great Britain for the “RAF100.” According to its website, the RAF is the oldest independent air force in the world and will turn 100 years old April 1, 2018. Check out the RAF website here.

CSAF Goldfein describes future of conflict at AFA event

By Tech. Sgt. Robert Barnett
Secretary of the Air Force Public Affairs


The CSAF outlined five key attributes of future conflict that must be prepared for: transregional, multidomain, multicomponent, multinational/coalition and fast.

Goldfein compared the future of conflict and multidomain command and control to a Rubik’s cube, saying Air Force blue is just one of many colors on it, with every capability working together in the multidomain environment.

“First, future conflict will be transregional,” he said. “Our adversaries are not paying attention to our combatant commander maps.”

Conflicts are, and will be, multidomain, he said, including air, land, sea, space, cyberspace and the undersea domain. The Air Force must be masters across the spectrum.

Moving on, the chief of staff said the current and future fighting force will be multicomponent.

“We’re more interdependent on each other as services than we’ve been in our history – for 26 years of continuous combat since Desert Storm,” Goldfein said. “We’ve produced a truly joint team that excels in simultaneous combat where we’ve often focused on sequential and deconflicted operations in that past.”

Finally, future conflict will be multinational and fast.

“Our greatest strategic advantage in any future conflict are our allies and partners,” he said. “Simply put, we have them, our adversaries don’t…the collective economic and military might of 29 nations in the greatest alliance in history – a nuclear alliance, I might add. We must advance our ability to fight together in an age when information sharing is vital to success. And it will be fast…the sky is no longer the limit.”
Airman and Family Readiness  
277-0723

Pre-Separation Counseling is Aug. 2, 8:30-11:30 a.m. Start your military transition now. Starting this process early will help you better prepare to have a successful transition from military to civilian life.

Newcomer’s Orientation and Information Fair is Aug. 3, 7:30 a.m.-2 p.m. Required for all active duty members. Provides vital information regarding base resources, services, policies, procedures, recreation opportunities and more.

Women, Infants and Children Program is Aug. 7, 9:30 a.m-3 p.m. Open for both walk-ins and appointments. Closed for lunch 12-1 p.m. For an appointment or voucher information, call toll free 1-866-327-3074.

Federal Employment Workshop is Aug. 8, from 9 a.m.-12 p.m. Ten Steps to Federal Employment teaches the easy-to-follow, step-by-step process for analyzing your qualifications through tracking and following up with USAJOBS applications. Registration 24 hours prior to class is required.

First Term Officers Course Aug. 8, 8 a.m.-12 p.m. This course will introduce first term officers to all aspects of financial readiness.

Key Spouse Monthly Training is Aug. 8, from 5:30-7:30 p.m. Monthly training for key spouses on resources and services both on and off base. Sign-ups for evening training are required. Call Airman and Family Readiness.

Plan My Move is Aug. 9, 2-3 p.m. Edwards Plan My Move seminar will assist you in ensuring you select the proper path for a successful PCS, whether it be planning for an OCONUS or CONUS move. It will also ensure you receive valuable information necessary to make informed decisions and alleviate stress that might come with a relocation.

The Thrift Savings Plan class is Aug. 10, 2:30-3:30 p.m. This workshop will cover all pertinent information regarding the TSP.

Club Muroc  
275-CLUB

First Friday is Aug. 4, 4-6 p.m. Free hors d’oeuvres for members.

Kids Klub is Aug. 8, 5-7 p.m. Games, prizes and club member children eat for free. Adults must supervise their children.

Splash Nights are Fridays, 5-8 p.m. Swim for free and grill your own 7 oz. steak for a price. Hot dogs, chips and sodas also available. Music is also provided. Bring the whole family!

Kid’s Eat Free on Saturdays! Purchase one adult meal and receive one free kid’s meal (under 12). Dine-in only.

Delivery Service — Did you know that the club delivers to base housing? Call Monday-Friday from 5-8 p.m. to place your order!

Library  
275-BOOK

Summer Reading Program: “Reading by Design” runs until Aug. 11. Sign-ups will continue throughout the program. Children of all ages are welcome to participate. Join the base library staff every Friday at 10 a.m. for a special Summer Reading Program event. Remaining schedule is:

- August 4 - Carnival Games
- August 11 - Grand Finale: Grand prize raffle, refreshments and special guest Eddy Coyote.

Coffee and Coloring is every Tuesday from 11 a.m.-2 p.m. Enjoy a cup of coffee or tea while coloring designs created for adults.

Rosburg Fitness Center  
275-GYM1


Adopt me!

Indy is such a sweet boy! He’s a 1-year-old terrier mix (maybe with poodle). He likes other dogs, kids, and seems fine with cats. He likes to cuddle and loves attention. He also seems to be well on his way to potty training. He’s completely vetted and looking for a new family to snuggle with. Call APET at 258-9525 today!

Smog Technician available Tuesday-Saturday, 9 a.m.-6 p.m. No appointment is required!

Basic vehicle maintenance class is Saturdays at 10 a.m. Participants will learn the basics of good vehicle maintenance. Learn how to operate a lift, change your oil and check and balance your tires. Call the Auto Hobby Shop at 275-AUTO (2887) for more information.

Towing service available through Auto Hobby Tuesday-Friday, 9 a.m.-5 p.m. Towing is available on-base and off-base. Call Auto Hobby for more information or prices.

Arts & Crafts New Hours are Monday-Friday, 9 a.m.-5 p.m.

Auto Hobby hours are Wednesday, 9 a.m.-6 p.m.; Thursday & Friday, 12 p.m.-8 p.m.; Saturday, 9 a.m.-5 p.m.; and Sunday, 12 p.m.-5 p.m.

Woodshop hours are Monday and Tuesday, 9 a.m.-5 p.m.; Wednesday, 9 a.m.-5 p.m.; Thursday and Friday, 9 a.m.-8 p.m.; Saturday, 9 a.m.-5 p.m.; and Sunday, 12 p.m.-5 p.m.

Interested In Taking Classes? We are currently offering: stained glass, paper-crafting, mosaics and cookie/cake decorating. Instructors are also needed.

Oasis Community Center  
275-CNTR

Karaoke Contest is Aug. 4 at 7 p.m. Register by Aug. 2 for increased song selection. Put a twist on your favorite song and show Edwards what you’ve got. A panel of judges will select their favorite artist to win a FSS gift card. Don’t want to sing? Come cheer on your favorite performer!

Reduced Rate Music Lessons are available for piano, guitar, bass and kinderfiddle for children with our instructor Stephanie Casillas. Reduced rates available for only deployed-affected personnel and their dependents.

Musical Instrument Classes are held Tuesday, Wednesday and Thursday. Piano, guitar, drums, and kinderfiddle (beginning violin) are available. Call for more information.

Library  
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Outdoor Recreation

275-CAMP

Deep Sea Fishing: Ventura is Aug. 5, 2 a.m.-7 p.m. Register by Aug. 2. The minimum age is eight years. Price includes transportation, guide, fishing gear and bait. Must be in possession of a California State saltwater fishing license, or can purchase a daily license at the marina office. The boat has a full service galley with good choice of food and drinks. At the end of the trip, they offer fish cleaning service for a fee. Coolers not allowed on board the vessel.

Rec-On Paintball Takeover is Aug. 5, 12, 19 and 26, from 10 a.m.-2 p.m. at the Scorpion’s Nest Paintball Field. Register by July 29 at ODR. Small fee includes gear rental, all day air and 2000 rounds of paint. Space is limited to 20 participants per day. Advanced signup is required. Sign up today!

Single Airmen SCUBA Class — Do you want to learn to SCUBA dive? Become Scuba Certified. Classes available in August during evenings and weekends. Price includes in-class instruction, pool instruction and an ocean dive. R4R pays the rest. Call ODR for time and schedule to sign up. (Must have a signed High Risk Activity Form before signing up) This is a five-day course with a certified PADI instructor at the local dive shop. You’ll need to bring your own gear: mask, fins, snorkel and booties. This is a Single Airmen Program Initiative. Only unaccompanied Airmen and one guest.

Summer Pool Hours: Oasis Aquatic Center — Monday, Wednesday and Friday, 6-8 a.m. for lap swimming. Sonic Splash Pool — Wednesday-Friday, 1-6 p.m. Saturday and Sunday, 12-6 p.m. Muroc Pool Splash Night Fridays is 5-8 p.m.

Overnight Camping at Branch Park — Low fee for a campsite suitable up to four people. Come and get a wilderness experience right here on base. This is a primitive campground with no potable water, telephones, electricity and no RVs.

Land Sailing Program — operates by private bookings only. Must be cleared with the flightline one week prior to scheduled event. If you have any questions, call ODR at 275-2267.

Rod & Gun

275-CAMP

“Big 50” Thursdays —”The “Big 50” is an ATA Registered shoot in which each participant shoots 50 single targets, 50 double targets and 50 targets from their handicapped position. Call Outdoor Recreation for more information.

High Desert Lanes Bowling Center

275-BOWL

Back to School Bowl is Aug. 10, 10:30 a.m.-7 p.m. Price includes three games of Glow Bowl and shoe rental.

Kids Bowl Free Program — Register your child for a spring and summer fun bowling pass and receive two free games of bowling a day this spring and summer (shoe rental cost not included). To register, go to www.kidsbowlfree.com/AirForce. All KBF members are invited to the KBF Bowling Parties July 25 and Aug. 29 from 3-6 p.m. Enjoy unlimited bowling, shoe rental, two slices of cheese pizza and a drink for a low price per person, per party.

R4R Single Airman Glow Bowl Nights are Saturdays from 8 p.m.-midnight. Single Airmen will receive unlimited games and shoes for glow-in-the-dark bowling for free. There will be music and a fun atmosphere for all. Must show valid military ID. Offer ends Aug. 26.

Muroc Lake Golf Course

275-PUTT

Base Championship Tournament is Aug. 5-6 with 8 a.m. shotgun starts. Optional cart fee available, per player, per round. Flight winners will receive annual membership. Entry fee includes tournament prize fund, green fees and food at awards ceremony. Flighted individual stroke play. Limited to the first 80 players to sign up. SCGA Handicap required. Sign up at the MLGC golf shop.

Customer Satisfaction Survey — Muroc Lake Golf Course strives to deliver the best possible golfing experience to its customers on every round. We are always eager to hear what our customers have to say and we’d like to invite you to complete our customer survey. Our survey is short and to the point and we encourage you to be open and candid with your feedback. Thank you for your help and we look forward to seeing you soon. Please visit the Muroc Lake golf Course to fill out a paper survey or head to the following link to complete the survey online: https://gsp.nfg.org/cg/start.asp?SC=Edwards-MurocLake.

Single Airman Golf Special — Single Airmen can enjoy 18 holes, cart, burger, fries and drink for a small price. Rental sets are provided for no charge if needed. Limited to the first 100 participants. Single Airmen are Air Force active duty or Air Reserve Component personnel permanently assigned to an Air Force installation or Air Force-led joint base without a spouse and a guest. Must be 18 years or older with a valid driver’s license.

Kids Drive Free is now until Aug. 31, 7 a.m.-5 p.m. Visit the Muroc Lake Golf Course Pro Shop to receive two free tokens per day for junior golfers.

Youth Programs

275-5437

Before and After School Care enrollment for school year 2017-2018 is now open. Please come to the School Age Annex (Bldg. 6459) to complete a Request for Care form. Care is available Monday-Friday, 6:15 a.m.-6 p.m. Before school only; after school only; and before and after care are available. We also provide full-time care during school vacations.

Teen Center

275-8336

Keystone Club meets every Wednesday at 2:15 p.m. at the Teen Center. The Keystone Club is a leadership club that performs community service projects around the base. The club also helps teens maintain focus in high school and to graduate and prepare for college.

Youth and Teen Centers Memberships — For about a dollar a day, you could have peace of mind knowing that your son or daughter is in a safe environment - an environment that fosters development and offers constant supervision, tutoring and fun. The Youth and Teen Centers offer social opportunities and structured programming from affiliated agencies such as the Boys and Girls Clubs of America and the 4-H Club.

Information, Tickets and Travel

275-TRIP

ITT Pricelist & Other Events: To see the current ITT price list for events, parks, hotels and discount information, visit www.edwardsfss.com/wordpress/travel/itt.

412th Security Forces Squadron issues speeding citations

The 412th Security Forces Squadron issued 35 speeding citations and processed three driving suspensions from July 17 through July 23.

Citations issued

<table>
<thead>
<tr>
<th>Citation</th>
<th>Number of Days</th>
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</thead>
<tbody>
<tr>
<td>1 to 10 mph</td>
<td>4</td>
</tr>
<tr>
<td>11 to 15 mph</td>
<td>16</td>
</tr>
<tr>
<td>16 to 20 mph</td>
<td>7</td>
</tr>
<tr>
<td>21 to 24 mph</td>
<td>5</td>
</tr>
<tr>
<td>25+ mph</td>
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<td>365 days (one year)</td>
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<td>730 days (two years)</td>
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</tr>
<tr>
<td>1,095 days (three years)</td>
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</tr>
</tbody>
</table>

Driving privilege suspensions (current)

- Per AFI 31-218 and EAFB 31-218, a DD Form 1408 Armed Forces traffic tickets (no-fine) are issued to military members. Military members receiving 1408s are subject to Uniform Code of Military Justice action. A U.S. District Court Violation Notice (USDCVN) (a fine) is issued to all civilians, dependents and retirees. If issued an USDCVN, violators may be required to be present at Magistrate Court in Bakersfield, California, receive traffic violation points against their state-issued driver’s license and potentially receive suspension of on-base driving privileges.
A quadcopter, or small unmanned aerial system, can now be flown at the new Edwards AFB Personal Small UAS Area. (U.S. Air Force photo by Kenji Thuloweit)

Contractors compact the soil on South Lancaster Boulevard in preparation for new asphalt. After unplanned delays, construction has resumed and is expected to be complete within three months. (U.S. Air Force photo by Bayram Kurbanov)

From 412th Civil Engineer Group

Construction on South Lancaster Boulevard is moving forward. At the direction of U.S. Army Corps of Engineers, the contractor has been allowing the soil to air dry in order to reduce the moisture content and allow for appropriate compaction. Last week the contractor started leveling and compacting the soil. According to 412th Civil Engineer Group officials, since the road is over 11,000 feet long, it will take the contractor several weeks to compact numerous layers of soil to provide a good base for the pavement.

Once able to reach appropriate compaction in all areas of the road, the contractor will place the asphalt. Pending any issues, the road should be completed within the next three months.

Flyers must adhere to the following:

- Operate sUAS only within the approved area
- Operate only between sunrise and sunset
- Operate no higher than 400 feet above ground level
- Not exceed a sUAS takeoff weight of 20 pounds
- Maintain positive control of the sUAS during entire flight
- Maintain visual line of sight at all times
- Yield right of way to all manned aircraft as applicable
- See and avoid all other aircraft
- Use a ground spotter when appropriate (This can be a sUAS operator)
- Ensure sUAS is registered and clearly marked with an FAA sUAS certificate number.
- Not operate a sUAS with metal-blade rotors
- Not operate a sUAS that’s battery powered
- Not operate a sUAS with pyrotechnic devices — any device which propels a projectile or drops any object
- Not record images/video from the sUAS
- Avoid overflying unprotected people, vehicles or occupied structures by at least 25 feet to avoid endangerment of life and property
- Under no circumstances may an operator or other person touch a sUAS in flight, except to divert it from striking an individual

Llewellyn recommends that novices speak with those who have been flying sUASs for a while to get tips on the right system to buy and flying operations.

Two view the 412th Test Wing’s memo on the new Small UAS area and map coordinates, go to www.edwards.af.mil/Portals/50/documents/Personal_SUAS_Use_Area.pdf?ver=2017-07-25-114054-370.
This Week in Edwards History

On July 26, 1958, test pilot Capt. Iven Kincheloe Jr. was killed following an unsuccessful ejection when his F-104 suffered an engine failure on takeoff. A Korean War fighter pilot, Kincheloe had been assigned to Edwards in the mid-1950s as a test pilot, where he flew many of the new “Century” series fighters, such as the F-101, F-102, F-104 and F-105, and had been chosen as the Air Force’s lead test pilot for the X-15. (Edwards History Office file photo)

AFRL worker gets top award

Earlier this year, David Hill, a technician at the Air Force Research Laboratory Rocket Propulsion Division at Edwards, received the Call to Service Award, which is a lifetime achievement award that is part of the President’s Volunteer Service Award Program.

Hill volunteers as a Kern County Sheriff’s Desert Group Search and Rescue Unit member.

The award is reserved for individuals with over 4,000 hours of volunteer service.

California State Senator Jean Fuller presented the award to Hill, and fellow search and rescue volunteer James LeBlanc, in Bakersfield, California, May 12.

The award is issued by the President’s Council on Service and Civic Participation, a group created by President George W. Bush in 2003 to recognize the valuable contributions volunteers are making to the nation.

Learning about education

Dozens of colleges and university representatives filled Club Muroc’s Alliance Ballroom to talk to Team Edwards members about what they have to offer in the way of degrees, certificates and continued education.

The 412th Force Support Squadron’s Edwards Education Center sponsored its annual education fair July 26. The fair brings colleges from all over the country to base so that Airmen, civilians and contractors can just drive up to the club and learn about education opportunities that are out there.

For base personnel who were unable to attend, Edwards Education Office counselors and staff are available to assist military and civilian Airmen with education counseling, professional military education, tuition assistance, academic advisement, enrollment and civilian developmental education programs.

For more information on how you can continue your education, contact the Edwards Education Office at 277-2713.