

DESERT WINGS

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QF-16 aerial targets help F-35 JOTT plan for future testing



Three QF-16s from Tyndall Air Force Base, Florida, and Holloman Air Force Base, New Mexico, sit on the Edwards AFB flightline April 28. The full-scale aerial targets were requested by the Joint Operational Test Team to assist with test design development for upcoming operational testing of the F-35 Joint Strike Fighter. (U.S. Air Force photo by Chris Higgins)

By Kenji Thuloweit

412th Test Wing Public Affairs

Three QF-16s descended on Edwards recently to aid the F-35 Joint Operational Test Team with test planning.

The QF-16 is a full-scale aerial target that has been modified to be flown with a pilot in the cockpit for training and also without a pilot as a target for live missile testing. The unique jets are from the 82nd Aerial Targets Squadron from Tyndall Air Force Base, Florida, and Holloman Air Force Base, New Mexico.

The QF-16 is a fourth-generation fighter that maintains all inherent capabilities of the baseline F-16 Fighting Falcon including supersonic flight and 9-G maneuverability, according to the 82nd ATRS.

The QF-16's fourth-generation fighter capabilities are designed to help test fifth-generation fighters like the F-35 Lightning II against aerial adversaries and targets.

"We're preparing for initial operational test and evaluation that starts next year," said Matt Feringa, F-35 JOTT senior tactical systems analyst. "Part of the QF-16's mission is to carry airborne radar jamming pods. We flew F-35s with them as part of our test design development and to preliminarily evaluate the F-35 against those jamming pods."

The JOTT at Edwards is part of a joint enterprise that conducts operational test and evaluation of the F-35 Joint Strike Fighter. The unit consists of all U.S. services that will operate the different F-35 variants along with coalition partners such as the United Kingdom and the Netherlands who will also operate the JSF.

Feringa said the QF-16s were here for two weeks and the JOTT received good data to move ahead with their test plans. For the JOTT test purposes, the QF-16s were flown by pilots from the 82nd ATRS.

The QF-16 allows customers to test weapons systems in real-world scenarios before reaching the battlefield. Initial operational capability for the QF-16 full-scale aerial target was declared Sept. 23, 2016. The 82nd ATRS operates the only full-scale aerial target capability in the Defense Department.

The QF-16 replaced the QF-4 Aerial Targets, which were converted F-4 Phantoms. The QF-4 flew its last unmanned mission Aug. 17, 2016 at Holloman AFB and was officially retired in December.

AFMC commander Pawlikowski visits High Desert

By Kenji Thuloweit

412th Test Wing Public Affairs

Gen. Ellen Pawlikowski, commander of Air Force Materiel Command, visited Edwards Air Force Base May 11-12. The general met with Edwards leadership and received updates on the Air Force Test Center and 412th Test Wing missions.

On the second day of her visit, Pawlikowski was given an orientation flight aboard a B-52 Stratofortress used for flight test missions by the 419th Flight Test Squadron and Global Power Bomber Combined Test Force.

AFMC is the major command Edwards AFB falls under.

As AFMC commander, Pawlikowski oversees some 80,000 people and manages \$60 billion annually, executing the critical mission of warfighter support through leading-edge science and technology, cradle-to-grave life cycle weapon systems management, world-class developmental test and evaluation, and world-class depot maintenance and supply chain management.

Some of her previous assignments include program director of the Airborne Laser Program and commander of the Air Force Research Laboratory at Wright-Patterson Air Force Base, Ohio.



Gen. Ellen Pawlikowski, commander of Air Force Materiel Command, puts on a Global Power Bomber Combined Test Force patch provided by Lt. Col. Miles Middleton, 419th Flight Test Squadron commander and GPBCTF director. AFMC is the major Air Force command Edwards Air Force Base falls under. (U.S. Air Force photo by Christian Turner)

412th TW recognizes 2017 first quarter award winners

By Kenji Thuloweit

412th Test Wing Public Affairs

“The Price is Right” was the theme of the 412th Test Wing 1st Quarter Awards Ceremony at the base theater May 16. Each quarterly award winner or representative got the opportunity to play a “The Price is Right”-style game to win a prize. Congratulations to the award winners!

412th TW 1st Quarter (Jan.-March 2017) Awardees

Airman of the Quarter
Airman First Class Dezirae Esquibel
412th Civil Engineer Group

NCO of the Quarter
Tech. Sgt. Brian Hernandez
412th CEG

Senior NCO of the Quarter
Master Sgt. Dustin Hoover
412th Maintenance Group

Company Grade Officer of the Quarter
Capt. David Garcia
412th Medical Group

Field Grade Officer of the Quarter
Maj. Kevin Hooker
412th MDG

Dorm of the Quarter
Airman 1st Class Latoya Person
412th MXG

Honor Guard of the Quarter
Staff Sgt. Joseph Pullins
31st Test and Evaluation Squadron

Supervision/Management of the Quarter
Michael Feyerle
412th CEG

Scientific/Engineering of the Quarter
Erik Potter
412th CEG

Technician of the Quarter
Jennifer Bell
412th Electronic Warfare Group

Trades and Labor of the Quarter
David LaComb
412th Mission Support Group

Secretarial/Clerical of the Quarter
Jessica O'Donnell
412th MSG

Staff/Specialist/Analyst of the Quarter
David Freeman
412th Operations Group

Program Manager of the Quarter
Larry Wolford
Wing Staff Agencies

Team of the Quarter
412th Test Wing Safety Office
WSA

Volunteer of the Quarter
Erica Guerra
412th OG

Innovator of the Quarter
Taylor Wilson
412th OG

Innovation Team of the Quarter
416 FLTS Operations
412th OG

Safety Well Done of the Quarter
Melisa Fox
412th Test Engineering Group



Airman 1st Class Latoya Person, 412th Maintenance Group, gets to play a game like on “The Price is Right” game show at the 412th Test Wing First Quarter Award Ceremony May 16 at the base theater. The game show host was Senior Master Sgt. Deshan Woods, 412th Security Forces Squadron. (U.S. Air Force photo by Don Allen)



Right down the middle

Brig. Gen. Carl Schaefer, 412th Test Wing commander, throws out a ceremonial first pitch before a Lancaster JetHawks game May 12. The general delivered a strike to JetHawks mascot Kaboom, who was the catcher for the throw.

Schaefer was invited to the ballpark by the Edwards Civ-Mil support group, which is an organization that funds and organizes projects to help improve quality of life on the base.

The Friday night game was celebrated as Aerospace Appreciation Night. The Lancaster JetHawks are a Class A Advanced minor league team for Major League Baseball's Colorado Rockies. (U.S. Air Force photo by Kenji Thuloweit)

412th Force Support Squadron upcoming events

Force Support Squadron 275-3826

FSS Memorial Day Hours — All child and youth programs will be closed May 26 and 29 for Memorial Day. Club Muroc will be closed May 27-29. The Airman and Family Readiness Center will be closed Memorial Day. Education and Training is closed May 26 and 29.

Want to be on the next SABRE cover? Send your best summer vacation photo and a signed photo release form to 412.fsk.marketing@us.af.mil by June 1. Photo must be a high-resolution file – vertically-oriented photos work best. Visit the Contact Us tab on www.edwardsfss.com to download the photo release form.

New 2017 Sponsorship & Advertising Opportunities — Attention local business operators. Reach your military market! Edwards Services is proud to provide businesses the opportunity to show support of our military members through the Air Force Commercial Sponsorship Program. From 4th of July's Summer Bash to the annual Summer Reading Program, Edwards Services does its best to show appreciation for the commitment to excellence that the men and women of Edwards AFB provide every day. We are seeking support for these events and more in the form of funding and event enhancements. Sponsors will receive recognition such as logo placement on advertising materials, booth space onsite during the event, verbal acknowledgement, mention in base newspapers, and opportunities to network with event participants. All offers of sponsorship must be received no later than three months prior to the event date. Contact Tiffany Meyer at 275-3841. This is a solicitation for commercial sponsorship by a Non-appropriated Fund instrumentality of the United States government. It does not obligate appropriated funds or nonappropriated funds of the government.

Airman and Family Readiness 277-0723

Survivors Benefit Plan Workshop is May 23, 10-11 a.m. This workshop is designed to educate and familiarize all retiring Air Force members with the Survivors Benefit Plan. A face-to-face meeting with an SBP counselor and an election must be accomplished before retirement. Spouses are welcome and encouraged to attend.

Heart Link is May 24, 8:30 a.m.-1:30 p.m. This is an introduction to the Air Force for spouses who are newly married or want to learn more about the Air Force way of life. Speakers from various service agencies give an overview of services available. Lunch is included. Childcare must be requested two weeks prior.

Ditching the Dorms is Thursday, May 25, from 3-4 p.m. This class is intended to help Airmen better prepare themselves for moving out of the dorms. This class is mandatory prior to moving out of the dorms.

Bundles for Babies is June 2, 9-11 a.m. This class is held quarterly to provide a financial briefing to expectant parents. A special gift bundle is given to the new parents on behalf of the Air Force Aid Society.

Sign-ups for this class are required by May 31.

Arts and Crafts Center/Auto Hobby 275-ARTS/AUTO

2017 Air Force Photo Contest — Submit your photos May 1-31. This year's theme is travel destinations. Participants can enter up to two original images that adhere to the theme. Open to eligible adults and children ages 6-17. Amazon gift cards awarded to the top three winners in each category. Visit MyAirForceLife.com/Photo-Contest.

Club Muroc 275-CLUB

Tipsee Artist Paint Night is May 30 with doors opening at 5 p.m. Painting starts at 6 p.m. Come test your artistic abilities! Must be 18 and older to paint and 21 to drink. Call to reserve a spot.

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

Win a Designer Handbag Bingo! is June 17 at 3 p.m. Pre-registration is required. Call for entrance fees. 9 cards, 9 games, 9 prizes!

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

Aero Club 275-AERO

R4R Single Airman Orientation Flights run May-Sept. Discounted price for eligible personnel! One-hour flights will originate and end at the Aero Club on South Base. Single Airman are U.S. active duty or Air Reserve component personnel permanently assigned to an Air Force installation or Air Force-led joint base without a spouse.

Learn to Fly — The sky is the limit at the Edwards Aero Club. Experience the thrill of piloting an aircraft. Your local Aero Club provides many stages of flight training, from your first introductory flight through solo, then on to private, commercial and instructors' ratings. The choice is yours. Whether your aim is recreational or a career path, your Aero Club will train you to the highest standard with safety always foremost.

Information, Tickets and Travel 275-TRIP

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

Armed Forces Vacation Club — Let us find your dream vacation rental! Forget cramped quarters, get access to Space-A resort rentals worldwide for one low weekly price! Spread out in family-sized (2-8 people) resort accommodations, many of which include on-site recreational facilities, living rooms, kitchens, washer and dryer, kids' activities, and on-site pools. Start your search today, you've earned it!

Cruise Crazy — Have you ever wanted to take a cruise but didn't think you could afford it? Now is the time to get your sea legs in gear and get over to the Information, Tickets and Travel office because the prices are lower than sea level. Call the ITT office today so we can show you that you don't have to sink to swim!

For more information
about 412th FSS offerings, visit
www.edwardsfss.com/wordpress

Oasis Community Center 275-CNTR

Reduced Rate Music Lessons are available for piano, guitar and bass, with kinderfiddle lessons for children. Reduced rates available for only deployment-affected personnel and their dependents. To get more information please contact the Oasis Community Center.

Library 275-BOOK

Memorial Day Storytime is May 26 at 10 a.m. Toddlers and pre-school children are invited to enjoy a wonderful story and create very unique craft projects.



Adopt me!

Did someone say fetch? Bandit is a fun loving lab mix that loves to play fetch! He also loves the pool on hot days and enjoys running. Bandit would do best in a home with small dogs or as the only large dominant personality. This boy is great for an active family who's ready for an adventure. Call APET at 258-9525 today!

Outdoor Recreation 275-CAMP

Gold Panning in Keyesville is June 3, 7 a.m.-6 p.m. Price includes transportation, guide and panning equipment. Sign up by May 31 at Outdoor Recreation. Experience the thrill of panning for gold at Keyesville Recreational Mining Area.

R4R Bungee Jumping Trip is June 17, 7 a.m.-5 p.m. Sign up by June 14 at Outdoor Recreation. Super low price. Release your inner thrill seeker with this awesome bungee jump trip! Leap off a bridge of dizzying heights near Marina del Rey and live to tell the tale. Active duty members and dependents have sign-up priority. Food and beverages will be provided. Participants should bring sun screen. Alcohol is not permitted.

R4R Surfing Lessons is June 24, 7 a.m.-5 p.m. Sign up by June 21 at Outdoor Recreation. Join us as we head down to beautiful Santa Monica beach where we will meet up with instructors of the #1 Surf School in Southern California. All your gear will be provided, so bring your enthusiasm and spend the day with us as ODR takes you on a trip filled with fun, sun and surf! Active duty members and dependents have priority. Food and beverages will be provided. Participants should bring sun screen. Alcohol is not permitted.

Paintball field is now open! The paintball field is open by reservation only. If you have any questions, call ODR at 275-2267.

Adult swim lessons are Tuesdays and Thursdays starting Tuesday, 5:30-6:30 p.m. Ten sessions, ages 15 and older. Lessons focus on people terrified of water and extreme beginners. For more information and prices call ODR.

Riding Stables where you can board your horses are available. There is a limit of four stalls per patron. Fees can be paid monthly and there is a discount for additional horses. Please call ODR for more details.

Overnight Camping at Branch Park — Come and get a wilderness experience right here on base. This is a primitive campground with no potable water, no telephones, electricity and no RVs.

Rod & Gun 275-CAMP

"Big 50" Thursdays — The "Big 50" is an Amateur Trap Shooting Association registered shoot in which all participants shoot 50 single targets, 50 double targets and 50 targets from their handicapped position.

Rosburg Fitness Center 275-GYM1

May Fitness Month — Events happening all month long. Stop by the fitness center to pick up your punch card and get credit for all your workouts.

High Intensity Workout Classes are available Mondays and Wednesdays at 6:30 a.m. On Tuesdays and Thursdays, classes are at 3:30 p.m. during the month of May. Join us outside underneath the PT pad at the Rosburg Fitness Center for a high intensity workout class designed to burn major calories. These classes will take the place of regular circuit training.

Run with History Half Marathon, 10K & 5K

is October 14. Registration is now available at www.active.com. For more information, please contact the gym at 275-GYM1.

Equipment Orientation Classes — Not sure how to use equipment or what it does for you? Stop by the front desk and sign up for a one-hour class. We are here to help you get the most out of your fitness routine.

High Desert Lanes Bowling Center 275-BOWL

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 May 30, June 27, July 25 and August 29 from 3-6 p.m. Enjoy unlimited bowling, shoe rental, two slices of cheese pizza and a 16 oz. drink for a reasonable price!

National Children's Day No-Tap Doubles Tournament is June 10, 2 p.m. at High Desert Lanes. Check-in starts at 1 p.m. Teams consist of one adult and one child. Ages 12 and under need to knock down seven pins to get a strike! Adults and kids ages 13 and up can knock down nine pins and get a strike! Price includes three games, shoe rentals and a hot dog lunch with chips and drink.

R4R Single Airman Glow Bowl Nights are Saturdays from May 13-Aug. 26; 8 p.m.-midnight. Single Airmen will receive unlimited games and shoes for free Glow in the Dark Bowling! There will be music and a fun atmosphere for all. Must show valid military I.D.

Midnight Meal at Strike Zone Snack Bar — The snack bar will now be open until 11 p.m., Monday-Saturday due to the dining facility renovations. Call-in orders encouraged! Call-in orders taken up to 11 p.m. for pick up by 11:30 p.m.

Muroc Lake Golf Course 275-PUTT

Swing into Summer Tournament is Saturday, June 17, beginning at 8 a.m. with a shot-gun start. Entry fee includes green fees, cart fee, lunch and prizes! The format is 18-hole, four-person scramble. Limited to the first 18 teams to sign up. Must have an SCGA handicap. Sign up by June 12 at the MLGC golf shop. **Want to learn how to play golf?** Come learn from our club pro, Chelsea Orozco. Chelsea can teach you everything you will need to know at your convenience. From longer drives to making more putts and everything in between, our pros can bring you from amateur to pro!

Youth Sports 275-5437

Youth Soccer registration is June 19-July 28. The season starts in September. Call for prices. Open to ages 5-14. All soccer teams will be coed. Youth Sports Programs is also looking for highly motivated volunteers to coach for youth soccer.

Teen Center 275-8336

Teen Art Camp is June 12-16, from 8 a.m.-12 p.m. at the Teen Center. Register by June 17. Teen Center members get in free with non-members needing to pay an entrance fee. Teens will have the opportunity to explore various mediums including oils, pastels, sketching and watercolors. They will also learn brush-stroke technique, color mixing and other aspects of art.

Keystone Club Meetings are 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 to maintain focus in high school and graduate and prepare for college.

412th Security Forces Squadron issues speeding citations

Driving privilege suspensions (current)

The 412th Security Forces Squadron issued 33 speeding citations and processed seven driving suspensions from May 8 through May 14.

Citations issued

| | | | |
|-------------------|----|-------------------------------|----|
| 1 to 10 mph..... | 1 | 15 days..... | 5 |
| 11 to 15 mph..... | 15 | 30 days..... | 0 |
| 16 to 20 mph..... | 7 | 60 days..... | 0 |
| 21 to 24 mph..... | 6 | 90 days..... | 0 |
| 25+ mph..... | 4 | 180 days (six months)..... | 2 |
| | | 365 days (one year)..... | 17 |
| | | 730 days (two years)..... | 0 |
| | | 1,095 days (three years)..... | 0 |

Per AFI 31-218 and EAFBI 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 a 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.

412th TW command chief tries out some weapons loading

By Senior Master Sgt. Thomas Rowe
412th Maintenance Group

Chief Master Sgt. Todd Simmons, 412th Test Wing command chief, was invited to Hangar 1600 May 11 to try his hand at some weapons loading.

He and Chief Master Sgt. Roosevelt Jones, 412th Maintenance Group, chief enlisted manager, and Tech. Sgt. Monique Fernandez loaded an AIM-9X Sidewinder short-range air-to-air missile on an F-16 Fighting Falcon. This is a 200-pound missile that is loaded by hand with only good old-fashioned weapons load crew strength.

The chief and crew were given a weapons academics lesson, then briefed about specific safety requirements and emergency procedures in case of a drop, collision or fire involving the weapon. The crew was then called to attention by Fernandez and off they went to load the munition under the strict guidance and control of Staff Sgt. Christopher Provost, Staff Sgt. Ernesto Sierra, Staff Sgt. Jason Cabrera and Senior Airman Travis Dougherty from 412th MXG Weapons Standardization.

The crew wasn't certified, but they gave it all their best, loaders in attendance said. They added that Simmons said he likes to get out and experience what goes on in the 412th Test Wing first hand, and what better way to accomplish this with a little bit of weapons loading.

First sergeants in attendance got in on the action as well. Master Sgt. Venessa Brown, Master Sgt. Michael Anthony and Tech. Sgt. William Newell from the 412th Aircraft Maintenance Squadron, loaded an Mk-82 500-pound bomb with a manually operated lift truck,



Holding missile from left to right: Chief Master Sgt. Roosevelt Jones, 412th Maintenance Group; Tech. Sgt. Monique Fernandez, 412th Test Wing; Chief Master Sgt. Todd Simmons, 412th TW command chief; loading an AIM-9X Sidewinder short-range air-to-air missile on an F-16 Fighting Falcon May 11 at Hangar 1600. (U.S. Air Force photo by Christopher Okula)



Chief Master Sgt. Todd Simmons, 412th Test Wing command chief (left), is provided guidance on an F-16 Fighting Falcon launcher rail before loading an AIM-9X missile on the aircraft May 11 at Hangar 1600. (U.S. Air Force photo by Christopher Okula)

or MOLT. The MOLT is used to load bombs downrange if there is no fuel or other powered lift trucks available.

Brown said that this would count as her daily workout as the MOLT is very manual indeed.

Asian-American Pacific Islander Month

Don't forget to come out to Stripes Lounge at the Oasis Community Center May 24 for the Asian-American Pacific Islander Culture Show and Food Tasting. The event runs from 11 a.m. to 1 p.m. There will be traditional dance performances and cultural presentations and, of course, food from across Asia and the Pacific.

(U.S. Air Force photo by Kenji Thuloweit)





This Week in Edwards Flight Test History

On May 18, 1953, Jacqueline Cochran made two supersonic dives in a Canadian-built (Canadair) F-86E Sabre and became the first woman to exceed the speed of sound. Later that day she flew the same plane over Edwards AFB's low-level course, a 12-pylon, 100-kilometer track, to a new women's absolute speed record of 652.552 miles per hour. A chase plane flown by her friend, Maj. Charles "Chuck" Yeager, accompanied her. (Edwards History Office file photo)

Congressional staffers visit, get first-class seating

By Kenji Thuloweit
412th Test Wing Public Affairs

Three congressional staff members got an up close look at the base and the Edwards mission May 10. The staffers were from the offices of U.S. Congressmen Kevin McCarthy and Steve Knight who represent California's 26th and 25th Congressional Districts, respectively.

Periodically, staffers and elected officials are invited to the base to learn about the various test programs and tour base



Braden Murphy, a congressional staffer, sits in the cockpit of an F-16 Fighting Falcon as Maj. Philip Jackson, 416th Flight Test Squadron, explained some of the control features May 10. (U.S. Air Force photo by Kenji Thuloweit)



Tiffanii Woolfolk climbs up to the cockpit of an F-16 Fighting Falcon in Hangar 1207 as Col. Jason Schott, 412th Test Wing vice commander (left), and Maj. Philip Jackson, 416th Flight Test Squadron, guide her in. Woolfolk was one of three congressional staffers who visited Edwards May 10. (U.S. Air Force photo by Kenji Thuloweit)

facilities. On this particular visit, the staffers were taken to see the base schools and later given briefings on the Air Force Test Center and 412th Test Wing missions. The group was then taken to the 461st and 416th Flight Test Squadrons to see an F-35 Joint Strike Fighter and an F-16 Fighting Falcon up close. The staffers received a planeside brief next to the F-35 and then were each given the opportunity to sit in the cockpit of an F-16 at Hangar 1207.

California's 26th and 25th districts encompass much of the surrounding area around Edwards AFB to include Kern and Los Angeles Counties.

SPECIAL NOTICE: 1st. Lt. Jeffrey W. Gilmour, Air Force Research Laboratory Propulsion Directorate, died Feb. 19. To settle the estate of the deceased, 1st. Lt. Alexandra Tibbs, AFRL, has been appointed as Summary Courts officer. Any persons having a claim for or against the Gilmour estate should contact Tibbs at 661-275-6119 or 773-750-2655. Her email is alexandra.tibbs@us.af.mil.

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