by Laura Mowry
Staff Writer

Each and every day, the Edwards community works to develop and test the war-winning capabilities of the future. It’s an important role that requires a great deal of support from the 412th Range Squadron, as well as additional backing from a group of ranges located throughout the southwestern United States.

In addition to supporting the 412th Test Wing’s mission; the Southwest United States Range Alliance brings together experts from Edwards, Naval Air Station China Lake, Calif.; Naval Air Station Point Mugu, Calif.; Vandenberg AFB, Calif.; and the NASA Dryden Flight Research Center to ensure that ranges are working together and supporting one another to accomplish flight test.

“We all really know each other and work together well. That’s important because the better we work together, the more money we save and the more efficient testing becomes. We are all interested in preserving this network of ranges and maintaining our compatibility; because if we don’t – we can’t get the mission done. We have to be seamless,” said Doyle Janzen, 412th Range Squadron director.

The collaborative efforts from range personnel extend beyond R-2508 Complex, which includes more than 20,000 square miles of restricted airspace used by Edwards, the National Training Center at Fort Irwin, Calif., and NASA China Lake in the Upper Mojave Desert region.

See RANGE, Page 4

by Laura Mowry
Staff Writer

For Edwards air traffic controllers who work in the ATC tower, the base will now be offering a new way out for these overseers of our airspace, but not in terms of their career field, more like a way out of emergency situations.

As of Jan. 31, the Edwards ATC tower was equipped with a high rise escape system to help its employees evacuate during emergency situations such as fires.

“The High Rise Escape System, or HRES, is a controlled descent device that is attached to a swing-arm bracket that is capable of lowering individuals safely to the ground, via a harness or oversized evacuation pant suit,” said Nicholas Booker, 412th Operations Support Squadron ATC watch supervisor and building manager. “Prior to this, the Edwards tower had no escape system capable of safely evacuating personnel from the top floor and no other system existed to fill this need, so it took a collection of people at the squadron to research and figure out what the best solution would be.”

According to Booker, the HRES consists of a polyester-braid, jacketed cable with a steel core and a permanently attached escape harness at each end.

“This steel cable goes through the controlled descent device, or CDD, over a reversible gear, automatically raising an empty escape harness to the CDD while the other is lowering an evacuee at a constant decent speed,” Booker said.

In addition to the harness, there is also a harness that’s attached to an evacuation suit. The suit and harness are made up of a fire-resistant material that protect the evacuee and connects to the CDD with a high strength carabiner.

“All ATCs will receive training on and use the system initially once assigned to Edwards and then reoccurring training will be conducted every 6 months,” added Booker.

As for why tower personnel decided to go with this system, according to Johnnie Davis, Jr., 412th OSS assistant chief controller at the Edwards tower, the decision was based on necessity.

“Back when this tower was built, there was a U.S. Army helicopter unit stationed here and one of their missions was search and rescue for the Air Force Flight Test Center. They were also charged with rescuing controllers with their helicopters in emergency situations such as fires. This steel cable goes through the controlled descent device, or CDD, over a reversible gear, automatically raising an empty escape harness to the CDD while the other is lowering an evacuee at a constant decent speed,” Booker said.

“High Rise Escape System recently installed in the tower Jan. 31. The HRES is a controlled descent device that is capable of lowering individuals safely to the ground, via a harness or oversized evacuation pant suit. The tower will now have two escape systems used for evacuation.”

by Jet Fabara
412th Test Wing Public Affairs

Network of ranges instrumental to flight test

Each and every day, the Edwards community works to develop and test the war-winning capabilities of the future. It’s an important role that requires a great deal of support from the 412th Range Squadron, as well as additional backing from a group of ranges located throughout the southwestern United States.

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See RANGE, Page 4

ATC tower offers new ‘way out’ for controllers

By Jet Fabara
412th Test Wing Public Affairs

Air Force chief of staff releases 2013 reading list.

NASA visitor

NASA Science Mission Directorate associate administrator visits.

Pet protection

Base residents play biggest role in protecting pets from predators.
It has been said that no one can accurately predict where the U.S. military will need to respond next: the workload and requirements are uncertain. Nearly as unpredictable is the future of the nation’s finances. With much talk of the fiscal cliff in the news recently, how quickly can the U.S. economy recover, and what will happen to the global economy?

After Social Security, Defense is the largest component of the nation’s $3.8 trillion budget in 2013. So Defense will always be influenced by the overall financial situation. The Secretary of Defense noted, “The most immediate threat to our ability to achieve our mission is fiscal uncertainty, not knowing what our budget will be, not knowing if our budget will be drastically cut, and not knowing whether the strategy that we’ve put in place can survive.”

Even at base level, our ability to continue to execute our mission with excellence is directly related to how we manage our precious resources. While it is clear we will have fewer resources available in the future, it becomes absolutely paramount that we use those resources wisely without a penny to waste. We must develop leaders who can help our organization from a culture that values spending every dollar to one that values cost awareness and best value.

In other words, there currently exists an overemphasis on securing funding versus managing funding. M eting that challenge starts with a mindset that the financial community calls a “Tone at the Top,” characterized by a commitment towards openness, honesty, integrity and ethical behavior. Setting that tone is the catalyst of fiscal responsibility required at all levels of Air Force leadership, and is enforceable by every Airman.

When implemented successfully, we begin to ask how much we need rather than how much funding we can get. A culture of savings and restraint is built on the idea that reducing costs is a permanent, unwavering commitment, not a reaction to the latest financial crisis.

So, it might seem like hard work to implement and maintain a focused program on fiscal responsibility because many of us in the Air Force have never had to operate in an environment of real budget reductions. Those who have been through the experience must teach the future warriors how to navigate through this new set of challenges.

Additionally, each of us already has the tools required to make a difference. Those tools are our powers of observation and a willingness to question the costs of the things we observe.

For example, needlessly duplicating what another unit, program or department buys doesn’t have to be the default answer. Consider it your duty to question why things are needed, know your programs to understand the context of its cost, and entertain the notion that there might be a cost effective alternative.

The Commander’s Action Line gives all Airmen, retirees, families and community members a direct link to Brig. Gen. Michael Brewer, 412th Test Wing commander. The Action Line can be used to express constructive points of view on the policies and procedures of the base; discuss safety and security issues; and address problems, concerns, or suggestions after traditional methods have been exhausted.

The Commander’s Action Line should not be the first action taken to resolve an issue. Those seeking a remedy to a problem should first follow the chain of command and take up the matter with the office of primary responsibility, supervisors, first sergeants or commanders.

Action Line queries may be submitted by sending an e-mail to speak2cc@edwards.af.mil with Commander’s Action Line as the subject heading or by calling (661) 277-7325. Action Line submissions must be written in a courteous and professional tone, and must include a name, an e-mail address or an alternative method of contact. The requestor’s contact information will not be published in compliance with Privacy Act restrictions. Any messages received without contact information will not be routed, so please be sure to provide some method for communication.

Action Line discussions that are deemed beneficial for the community at large will be published on the Web and the next available edition of the Desert Wings. Submissions may be edited for grammar and length.
Sequestration would impact AFMC mission

By AFMC Public Affairs

A Air Force Materiel Command will be forced to implement spending reductions that will have substantial impact on its mission if sequestration takes effect March 1. These reductions along with other Air Force-wide cuts will ultimately harm all Air Force operations and readiness, Air Force officials have said.

All aspects of the command’s mission of science and technology, life-cycle management, test and evaluation, and the sustainment of the Air Force’s fleet of aircraft will be degraded if budget sequestration measures occur.

Sequestration will force the command to reduce its daily operating budget and take additional cuts to other programs such as civilian pay, aircraft maintenance, research and development, test, and acquisition of new weapon systems. The impacts would not only be felt at AFMC locations, but would ripple throughout the entire Air Force since AFMC is the executive agent for many programs and systems.

AFMC officials are planning for sequestration impacts that include:
• Reduced weapon systems sustainment, resulting from funding cuts for the maintenance of aircraft and other systems.
• If directed by the Department of Defense, furloughs of civilian employees of up to 22 days between April and September. This will impact the AFMC mission across the spectrum of life-cycle acquisition, management and sustainment of Air Force weapon systems.
• Reduced testing of Air Force weapon systems. Test schedules may be impacted by factors such as civilian furloughs, aircraft maintenance reductions and reduced base operating support.
• Deferment of funds to be invested in long-term research and development projects.

These effects will be felt for years to come, officials said.

The command announced in January it would undertake several near-term actions to save money such as implementing a temporary civilian hiring freeze, release of non-mission critical term and temporary employees, cancellation of non-mission critical travel, limiting supply purchases, reducing some service contracts, and postponement of non-emergency facility sustainment.

If sequestration occurs, these near-term actions, already underway, will continue through the remainder of the year, further reducing the ability of each AFMC installation to accomplish its mission. It will also be felt by other services and federal agencies, particularly tenants on our installations. Also, customers who use various AFMC facilities for test and evaluation work would be impacted.

Edwards Air Force Base Driver Speeding & Privilege Suspension Tracker

The 412th Security Forces Squadron issued 8 speeding citation and processed 1 base driving suspensions from Jan. 28 through Feb. 3, 2013.

Below is a breakdown of the violations:

8 speeding violation cited for MPH over posted speed limit

<table>
<thead>
<tr>
<th>Speed Limit</th>
<th>Number of Violations</th>
</tr>
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<tbody>
<tr>
<td>01 – 10</td>
<td>-6</td>
</tr>
<tr>
<td>11 – 15</td>
<td>-2</td>
</tr>
<tr>
<td>16 – 20</td>
<td>0</td>
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<tr>
<td>21 – 24</td>
<td>0</td>
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<tr>
<td>25+</td>
<td>0</td>
</tr>
</tbody>
</table>

1 new driver with suspended privileges (new)

<table>
<thead>
<tr>
<th>Days</th>
<th>Number of Violations</th>
</tr>
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<tbody>
<tr>
<td>0</td>
<td>-</td>
</tr>
<tr>
<td>10</td>
<td>-</td>
</tr>
<tr>
<td>15</td>
<td>0</td>
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<tr>
<td>30</td>
<td>0</td>
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<td>0</td>
</tr>
<tr>
<td>365</td>
<td>0</td>
</tr>
<tr>
<td>730</td>
<td>1</td>
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<tr>
<td>1,095</td>
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</tbody>
</table>

47 drivers whose base-driving privileges are suspended (total)

<table>
<thead>
<tr>
<th>Days</th>
<th>Number of Violations</th>
</tr>
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<tbody>
<tr>
<td>0</td>
<td>-</td>
</tr>
<tr>
<td>15</td>
<td>2</td>
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<tr>
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<td>39</td>
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<tr>
<td>730</td>
<td>5</td>
</tr>
<tr>
<td>1,095</td>
<td>1</td>
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</table>

Per AFI 31-218 and EAFB1 31-280, A DDF 1408 Armed Forces traffic tickets (no-fine) are issued to military members and civilians driving a Government Owned Vehicle. Military members receiving 1408s are subject to Uniform Code of Military Justice actions. A DDF 1805 U.S. District Court Violation (a fine) is issued to all civilians, dependents and retirees. If issued and 1805, violators may be required to be present at Magistrate Court in Bakersfield, receive traffic violation points against their state-issued driver’s license, and potentially receive suspension of base-driving privileges.

News

Briefs

South Gate construction delays

Construction began last month to erect a canopy covering the inbound traffic check point at the South Gate. Estimated completion of the construction is Feb. 25. Expect possible delays when entering the gate.

For more information, call (661) 810-8204.

Annual awards banquet

The 412th Test Wing Annual Awards Banquet is 5 p.m., Feb. 8 at Club Muroc. For more information, call Senior Master Sgt. Blake Holm at (661) 277-7936.

Toastmasters

Refine your speaking, presentation and leadership skills!

The Edwards Air Force Base Sound Barriers Toastmasters Club #384 meets every Thursday in Bldg. 142, 12:30 p.m., every Thursday in Bldg. 1400, Conference Room 414.

Meeting agendas include prepared speeches and speech evaluations.

For more information, call LaQuita Dukes at (661) 277-9201.

Scoring changes to PCSM, AFOQT

Effective Feb. 14, 2013, PCSM, AFOQT-Pilot, and AFOQT-CSO (previously AFOQT-Navigator) scores will change based on updated algorithms and scoring norms. A separate AFOQT air battle manager composite will also be introduced.

Scoring changes will affect pilot, RPA, CSO, and ABM candidates meeting selection boards beginning in August. Scores will automatically be converted using the new method for most candidates, although candidates who completed the AFOQT prior to 2006 (before AFOQT Form S) will be required to re-test. Candidates may verify whether their score record is Form S at https://w20.afpc.randolph.af.mil/afoqtnavigator.

For further information on the scoring changes and re-test policies, candidates may contact Sergeant Alison Cass at (661) 277-3509 or email her at Alison.Cass@ Edwards.af.mil.

See BRIEFS, Page 4
Personnel work together supporting the network all the way from the White Sands Missile Range, located in New Mexico to the sea test range off the coast of California.

"Less than half of the testing occurs in the R-2508 Airspace. The other half goes to the other ranges, which includes the sea test range that Point Mugu and Vandenberg manage. Although the R-2508 is a tremendous asset, there are times when the testing requires support from ranges outside the airspace," said Janzen.

"For example, many data points require supersonic flight. The High Altitude Supersonic Corridor in the R-2508 Airspace is only 240 miles long. At 1.7 Mach, that’s still pretty cramped; so we use the sea test range instead. Right now, there is a lot of this testing going on with the F-35 Joint Strike Fighter," he added.

Making it possible for Edwards to test at various ranges, is the impressive infrastructure of strategically placed microwave receivers and transmitters, as well as a vast network of fiber optic cables that relay data to a control room, where on average, anywhere from 20 to 30 flight test professionals are supporting and monitoring the mission with only a fraction of a second delay.

"It really is an impressive network. While there are only two or three hops from the ocean to Edwards, there are 29 towers between here and New Mexico. And even with the old microwave technology, it only takes 10 milliseconds to see the data. We are currently in the process of phasing out the old technology and changing over to fiber optics because it is better and cheaper. Additionally, there is less maintenance because we don’t have to dedicate money and time to tower maintenance throughout the year," said Janzen.

"The ongoing collaboration between ranges in the southwest United States continues to benefit the flight test communities for the Air Force, sister services and allies. Whether its over-water testing, electronic warfare, bombing or strafing; the 412th Range Squadron is committed to providing top-notch support. "I’m extremely proud of the men and women of the 412th Range Squadron. They do incredible work and I think the range is the heartbeat of Edwards. We are absolutely committed to providing top-notch, seamless support, as well as building and maintaining successful partnerships with all those we work with," said Janzen.

**Leave carry-over extended**

Airmen with more than 60 days of leave at the beginning of next fiscal year may be able to carry it into the next fiscal year thanks to a provision in the Fiscal Year 2013 National Defense Authorization Act.

The provision extends the maximum leave carryover of 75 days through Sept. 30, 2015, according to Senior Master Sgt. Kreig Cressione, the Air Force Personnel Center Special Programs Branch Chief.

For information about the military leave program and other personnel issues, visit the mYPers website at https://mypers.af.mil.

**Pageant**

Sign up now to vie for title of Miss, Junior Miss, or Little Miss Edwards Air Force Base. This year’s pageant will be held on March 30.

The age categories are: Miss, 16-19; Junior Miss, 11-13; and Little Miss, 6-8.

To sign up, email Glenda Chevis at glenda.chevis@edwards.af.mil.

Rehearsals will begin the first Wednesday in February, and more information will be provided at the first rehearsal meeting.

**Chapel position**

The Edwards Chapel has an opening for a part-time (20 hours per week) chief of Airmen Outreach Operations. The position will be more demanding during evening and weekend hours. The applicant will be expected to work during the hours when the majority of the enlisted force is off-duty.

A bachelor’s degree is a requirement for this position, however, a Master of Divinity degree in young adult ministries/outreach is preferred.

The position does not require a minimum number of years of experience working in a faith community setting as we do not want to prohibit the, “right person” from applying. That said, seminary students/graduates as well as those with practical church experience are highly encouraged to apply. In addition, having a military working knowledge of the Air Force is highly beneficial.

For more information, contact the chapel at (661) 277-2110, or stop by Chapel 2 to pick up a Position of Work Statement.

**Branch fundraiser**

Branch Elementary School has the privilege of being part of St. Jude Children’s Research Hospital fundraiser call “Math-A-Thon.” This fundraiser is in honor of Branch student Miguel Ribancos who lost his brave fight with cancer at the age of 7 on Oct. 5, 2012. If you would like to donate to this wonderful cause, go online to www.mathathon.org and donate to Branch Elementary School.

The school coordinator is Dr. Nancy Whitman, (661) 258-4111. The fundraiser runs Jan. 15 to Feb. 15; however, St. Jude will accept donations all year long.

**Antelope Valley Board of Trade’s**

**41ST ANNUAL BUSINESS OUTLOOK CONFERENCE**

Friday, February 22, 2013 • 7:30 am to 2:30 pm

Poppy Pavilion, AV Fairgrounds

**Tickets on sale now at AV Board of Trade**

661-942-9581 • teri@avbot.org

Tickets – $150 each person • Table of eight – $1,200

AVBOT Members receive a 10% discount
Eight receive nonjudicial punishment in 2012 fourth quarter

By Capt. Nick Reyes
Staff Judge Advocate Office

A nonjudicial punishment, or Article 15, is a tool that provides commanders with an essential and swift means of maintaining good order and discipline. It also promotes behavior changes in service members without the stigma of a court-martial conviction.

The following Article 15s were processed at Edwards Air Force Base during the fourth quarter of 2012:

- An airman first class was derelict in the performance of his duties, in violation of Article 92, Uniform Code of Military Justice. The commander imposed the following punishment: suspended reduction to grade of Airman, 45 days extra duty, 30 days restriction to Edwards AFB, and a reprimand. The suspended reduction in rank was vacated when the airman later made a false official statement, in violation of Article 107, UCMJ.

- An airman first class was absent without leave, in violation of Article 86, UCMJ. The commander imposed the following punishment: reduction to the grade of airman, suspended forfeiture of $835 pay per month for two months, 30 days extra duty, and a reprimand.

- A senior airman operated a passenger truck while drunk, in violation of Article 111, UCMJ. The commander imposed the following punishment: reduction to the grade of airman first class, suspended forfeiture of $934 pay per month for two months, 30 days extra duty, and a reprimand.

- A senior airman failed to properly file a police report, a willful dereliction of his duties, in violation of Article 92, UCMJ. The commander imposed the following punishment: reduction to grade of airman first class, suspended forfeiture of $835 pay per month for two months, 30 days extra duty, and a reprimand. The suspended reduction in rank was later vacated when the airman wrongfully used marijuana in violation of Article 112a, UCMJ.

- An airman basic consumed alcohol under age in violation of Article 134, UCMJ. The commander imposed the following punishment: 45 days restriction to Edwards AFB, 45 days extra duty, and a reprimand.

- A major plagiarized a paper in his Air Command and Staff College’s Master’s Program and made a false official statement regarding his plagiarism, in violation of Articles 92 and 107, UCMJ. The commander imposed the following punishment: forfeitures of $3,369 pay per month for two months, and a reprimand.

- A staff sergeant wrongfully developed a personal relationship with a recruit, and sent a recruit inappropriate pictures, in violation of Article 92, UCMJ. The commander imposed the following punishment: Reduction to the grade of senior airman, suspended forfeiture of $590 pay per month for 2 months, and a reprimand.

A suspension is the postponement of the application of all or part of the punishment for a specific probationary period. The punishment will be automatically remitted at the end of that period, if the member does not violate the conditions of his or her suspension or any other article of the UCMJ.
The 412th Test Wing will announce its annual award winners during a ceremony at Club Muroc on Feb. 8.

The following are the 412th TW Annual Award nominees for 2012:

**Airman of the Year**
- Airman 1st Class Devin Wyatt – 412th Operations Support Squadron
- Senior Airman Brandon Harris – 412th Logistics Test Squadron
- Senior Airman Antawn Knight – 412th Comptroller Squadron
- Senior Airman Jennifer Andrade – 412th Medical Operations Squadron
- Senior Airman John Duncan – 412th Communications Squadron
- Senior Airman Ronald Jones – U.S. Air Force Test Pilot School

**Noncommissioned Officer of the Year**
- Tech. Sgt. Michael Spradely – 412th Civil Engineer Division
- Tech. Sgt. Erik Robbins – 412th Aerospace Medicine Squadron
- Staff Sgt. Juan Hernandez – 412th Flight Test Squadron
- Staff Sgt. Misty Flores – Staff Judge Advocate Office
- Tech. Sgt. Andrew Rosales – 412th Maintenance Group
- Staff Sgt. Adam Shura – USAF TPS

**Senior Noncommissioned Officer of the Year**
- Master Sgt. Carlos Labrador – 412th AMDS
- Master Sgt. Gregory Baker – 412th FLTS
- Master Sgt. Christopher Roach – 412th SFS
- Master Sgt. Adam Guest – 412th Weapons Safety

**First Sergeant of the Year**
- Master Sgt. Alexander Erb – 412th Maintenance Squadron
- Master Sgt. Jason Redfern – 412th Operations Group

**Company Grade Officer of the Year**
- Capt. Andrew Anderson – 412th OSS
- Capt. Sherrod Brown – 412th AMDS
- Capt. Ryan Carr – 773rd Test Squadron
- Capt. Joshua Christopher – 412th AMXS
- Capt. Stella Phillips – JA
- Capt. J effrey Dennison – 412th Electronic Warfare Group

**Company Grade Officer of the Year**
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- Capt. Sherrod Brown – 412th AMDS
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- Capt. Joshua Christopher – 412th AMXS
- Capt. Stella Phillips – JA
- Capt. Jeffery Dennison – 412th Electronic Warfare Group

**Staff Specialist of the Year – Project Manager**
- Anthony Tintinnot – 412th CE
- Glenn Ballentine – USAF TPS
- Richard Dobbin – 412th TMG
- Jack Jordan – 412th CPTS

**Staff Specialist of the Year – Analyst**
- Robert Lan holt – 412th CE
- Wanita Williams – 412th Medical Support Squadron
- David Parsons – 412th AMXS
- Karl Major – USAF TPS
- Robert Roda – 412th CS
- Travis Sacket – Information Protection

**Engineer of the Year**
- Satwaji Kumar – 412th CE
- Michael Kopriva – 775th Test Squadron
- Richard Dobbin – 412th TMG
- Evan Kuate – 412th EWG
- Michael Parry – 412th CS
- Nicole Potter – 418th Flight Test Squadron
- Michael Roy – 412th Test Safety

**Secretarial and Clerical Civilian of the Year**
- Nelda King – 412th CE
- Patrick Beaudoin – 412th AMXS
- Jennifer Montour – 412th EWG
- Wende Wagner – 412th CS

**Staff Specialist of the Year – Analyst**
- Robert Lanholt – 412th CE
- Wanita Williams – 412th Medical Support Squadron
- David Parsons – 412th AMXS
- Karl Major – USAF TPS
- Robert Roda – 412th CS
- Travis Sacket – Information Protection

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- Nelda King – 412th CE
- Patrick Beaudoin – 412th AMXS
- Jennifer Montour – 412th EWG
- Wende Wagner – 412th CS

(continued on page 7)
AWARDS, from 6

**Team of the Year**
- Arcadio Garcia - 412th CE
- Lola Becerra - 412th MDS
- Kim Latrope - 412th Test Engineering Group
- Kenneth Bartels - 412th CS
- James Bartley - 412th EWG
- Michael Hammond - 418th FLTS
- Christopher Valdivia - USAF TPS

**Supervision of the Year**
- M ichael Hanshaw - 412th CE
- J essica Peterson - 412th TENG
- Timothy Morris - 412th MXS
- Andrew Gumm - 412th CS
- Brian Martinez - 418th FLTS
- Heather Leopold - 412th CPTS

**Trades and Labor Civilian of the Year**
- M ichael Mundy - 412th CE
- A dam Hiebert - 412th MXS

**Technician Civilian of the Year**
- T rad specialists
- Trade specialists
- Workmen specialists

**Trade categories**
- Financial Management Team – Financial Management
- Weapons Standardization – 412th MXG Special Projects
- F–16 Moroccan Operational Flight Software – 412th TMG
- TPS Operations Branch – USAF TPS
- Data Center Recovery Team – 412th CS
- F–22 Instrumentation Flight – 412th TENG
- Diagnostics and Therapeutics Flight – 412th MDS
- Operations Branch – 412th CE

**Films of the Year**
- “Counterstrike: The Untold Story of America’s Secret Campaign Against Al Qaeda” by Eric Schmitt and Thom Shanker
- “China Airborne” by James Fallows
- “Outliers” by Malcolm Gladwell
- “No One’s World: The West, the Rising Rest, and the Coming Global Turn” by Charles Kupchan
- “Need, Speed, and Greed” by Vijay Vaitheeswaran


**Awards**
- Supervision of the Year
- Trades and Labor Civilian of the Year
- Technician Civilian of the Year
- Team of the Year

**Books in this year’s reading list**
- “West with the Night” by Beryl Markham
- “Hat in the Ring: The Birth of American Air Power in the Great War” by Bert Frandsen
- “The Dead Hand: The Untold Story of the Cold War Arms Race and Its Dangerous Legacy” by David Hoffman
- “Flying Tigers: Claire Chennault and His American Volunteers, 1941-1942” by Daniel Ford
- “Leading With Honor” by Lee Ellis
- “Dressmaker of Khair Khana” by Gayle Lemmon
- “The Sovereignty Solution” by Anna Simons, Joe McGraw, and Duane Lauchengco
- “I Always Wanted to Fly: America’s Cold War Airmen” by Col. Wolfgang Samuel
- “Realizing Tomorrow: The Path to Private Spaceflight” by Chris Dubbs and Emilene Paat-Dahlstrom

**Read these books together with**
- TED talks
- Web-based resources
- Art-innovation and forward thinking

**More information**

**Supervision of the Year**
- M ichael Hanshaw - 412th CE
- J essica Peterson - 412th TENG
- Timothy Morris - 412th MXS
- Andrew Gumm - 412th CS
- Brian Martinez - 418th FLTS
- Heather Leopold - 412th CPTS

**Trades and Labor Civilian of the Year**
- M ichael Mundy - 412th CE
- A dam Hiebert - 412th MXS

**Team of the Year**
- Operations Branch - 412th CE
- Diagnostics and Therapeutics Flight - 412th MDS
- F-22 Instrumentation Flight - 412th TENG
- Data Center Recovery Team - 412th CS
- TPS Operations Branch - USAF TPS
- F-16 Moroccan Operational Flight Software - 412th TMG
- Financial Management Analysis Section - 412th CPTS
- Weapons Standardization - 412th MXG Special Projects
- Financial Management Team - Financial Management

**Books in this year’s reading list**
- “Sure, We Could Have Done It in Space” by Chris Dubbs and Emilene Paat-Dahlstrom
- “Prices are Born Here and Raised Elsewhere” by Malcolm Gladwell
- “Save an Innocent Life” by Rick Kohlharber, DVM
- “Buffalo & Exotic Pets” by David Ruppert, DVM
- “3 l hydro & Spay” by Lola Becerra
- “Custom Wheels” by Arcadio Garcia

**Books for this year**
- “Serving Southern California since 2005” by Rick Kohlharber, DVM
- “Price for Freedom” by Christopher Valdivia
- “Veterinary Care Today” by Heather Leopold
- “The Veterinary Artisan” by Brian Martinez
- “The Veterinary Phd” by Michael Hammond

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February 8, 2013

Desert Wings

the event we could not egress the building in an emergency via the stairs or elevator,” added Davis. “Since the Army left in the early 1990s, the Edwards Fire Department is responsible for rescuing tower personnel in the event of a situation where we can’t get out of the building via stairs or elevator. The problem now was that the fire department had no equipment that can reach the top floors of the tower. They could only reach us by walking up our stairwell that would probably be filled with smoke or blocked with debris.”

After pointing out this fact to squadron leadership, Davis was asked to research and find a reliable, proven and affordable emergency rescue system that could be used here at Edwards. Soon after, Davis said he came upon a controlled descent device via the High Rise Escape Systems, Inc. website.

“With this system, these inexpensive brackets could be installed on every side of the building to allow the users to choose the best location to initiate evacuation,” said Davis.

“It has instilled confidence in the tower personnel, should the event arise that would leave controllers in need of escape,” added Booker.

“There was no other way to escape until now, so this acquisition was vital.”

After the installation, the tower will now have two escape systems used for evacuation and will attempt to secure one more for training in the near future.

Personnel from the Edwards Air Traffic Control tower, along with the Edwards Fire Department and representatives from High Rise Escape Systems, Inc., test out the tower’s latest acquisition of a controlled descent device with a mannequin. The HRES is a controlled descent device that is attached to a swing-arm bracket that is capable of lowering individuals safely to the ground, via a harness or oversized evacuation pant suit.

John Grunsfeld, associate administrator of NASA’s Science Mission Directorate and a former space shuttle astronaut, was brought up to date on the status of a variety of airborne science missions flown on NASA aircraft during a recent tour of the Dryden Aircraft Operations Facility in Palmdale, Calif.

Grunsfeld was also briefed on the upgrades to and upcoming astronomical science flights by the Stratospheric Observatory for Infrared Astronomy during his visit.

SOFIA science mission operations director Erick Young of the Universities Space Research Association and SOFIA project scientist Pamela Marcum outlined the next series of astrophysics flights to be undertaken by the SOFIA observatory in 2013. SOFIA program manager Eddie Zavala and aircraft manager Brent Cobleigh then detailed the upgrades made to the observatory’s avionics and telescope control systems over the past year.

Grunsfeld was also briefed on coming airborne Earth science campaigns by NASA’s ER-2 high-altitude aircraft, its DC-8 flying laboratory, JPL’s UAVSAR synthetic aperture radar on a modified C-20A (G-III) and the autonomously operated Global Hawks. He was also updated on plans for the Discover-A Q pollution study over central California that was flown from the Dryden facility by an instrumented P-3B Orion aircraft from NASA’s Wallops Flight Facility and a B-200 King Air from NASA’s Langley Research Center, both in Virginia, during the latter part of January and early February.

Above: John Grunsfeld (left) and a DSI telescope technician examine the framework supporting the 100-inch primary mirror in the telescope cavity of NASA’s SOFIA flying observatory.

Left: John Grunsfeld adds his autograph to those of Apollo astronaut Fred Haise, Star Trek actress Nichelle Nichols and Bill Nye “the science guy” on a bulkhead behind the flight deck of NASA’s SOFIA flying observatory.

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Above: John Grunsfeld (left) and a DSI telescope technician examine the framework supporting the 100-inch primary mirror in the telescope cavity of NASA’s SOFIA flying observatory.
More than 24 subject-matter experts from Edwards and the surrounding areas judged more than 150 science projects over a four-day period from Jan. 30 through Feb. 2. The science projects were developed by Desert High School students in 10 different categories and 33 ribbons were awarded for outstanding work.

Under the tutelage of Debbie Lewis and Mark Grubb, science teachers at the Muroc Joint Unified School District high school on Edwards Air Force Base, the freshman, sophomore, junior and senior high school students researched, hypothesized, correlated and documented their conclusions, and developed visual presentations on experiments ranging from behavioral sciences to chemistry, biology to applied mechanics, and earth and the environment to aero and hydrodynamics.

Lewis said that the students did a really great job on their presentations.

“Without the subject matter experts, who were kind enough to come in and judge, it would be extremely difficult if not impossible to get the job done at the school level,” added Lewis.

One junior student said that they could have chosen to take the easier route and studied for a traditional sit-in test, but they learned so much more by doing this project than just science.

“I didn’t earn an award this year, but I learned to use my imagination; look outside the boundaries of a textbook; ask questions; test and retest the results and findings I came up with; organize and conclude; and, last but not least, state what conclusions I came up with and present them in both written and visual formats,” said the student.

“Without the subject matter experts, who were kind enough to come in and judge, it would be extremely difficult if not impossible to get the job done at the school level,” added Lewis.

Lewis added that the winners, from here, will go on to the Kern County competition in March in Bakersfield, Calif., and the winners there will go on to the California State competition on May 1 in Sacramento, Calif.

“A little background of Desert High’s history in the annual Science Fair competition is that it goes back to before 1998. We usually have about 150 projects at our school, and the top 20 to 25 go on to the county-level competition with about 10 going on to the state-level,” Lewis said. “Desert High usually has at least one student who places at the state-level, but last year was the first year since 1998 that no one from Desert High placed at that level. It gets really really difficult to place at state.”

Updates on how Desert High’s students are doing will be released as they become available.

2013 Science Fair results:

**Behavioral Sciences**
1st: Caitlynn Chung/Erica Tyson
1st: Taylor Garcia/ Destiny Vega
1st: Vivian & Jennifer Phan
2nd: Sh’linda Miller/ Samantha Duny
3rd: Abby & Travis Meyer
3rd: Brayden Pantana

**Aerodynamics/Hydrodynamics**
1st: Noah Close
2nd: Larson LeDuc
2nd: Daniel Fernandez/ Anthony Quinnett

**Applied Mechanics**
1st: Maria Hanes
2nd: Dane Adams/ Derek Hanes
3rd: Whitley Guere/ Tyler Myers
3rd: Joshua Huck

**Earth & Environmental**
1st: Eddie Bañuelos/ Benjamin Wright
2nd: Ken Ross
3rd: Amanda Bishop

**Chemistry**
1st: Brighton Okerlund/ Jennifer Warner
2nd: Garron Ireton
3rd: James Haraguchi/ Edward Vasquez

**Mammalian Biology**
1st: Catherine Wright

**Microbiology**
1st: Gabby Evey
3rd: Ryan Cochran
3rd: Ron Welch

**Physics**
1st: Miranda Brater
1st: Paula Hanes
2nd: Zach Holt
2nd: Kenton Hoshino
2nd: Jarrett & James Kok

**Plant Biology**
1st: Sabrina Belen/ Brandon Snyder
2nd: Sarah Erickson
3rd: Elizabeth Shelton

**Zoology**
2nd: Hunter Cleveland/ Josh Oakes
2nd: Devin Killian

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Base residents play biggest role in protecting pets from predators

by Gary Hatch
412th Test Wing Public Affairs

Base residents reported that a family pet – a small dog – was attacked by a coyote and taken from the back yard of a home in base housing Jan. 20.

It is the first reported attack by a predator on a family pet in more than a year, biologists say, but it is also a demonstration of the stark reality that desert predators will attack family pets if they have the opportunity.

Given this reality, base residents need to take every precaution to ensure the safety of their pets.

Security Forces wildlife officers have stepped up efforts around housing areas to scare and chase away predators like coyotes and bobcats whenever possible. These actions will help, but will likely have limited effect in reducing the threat of predators on family pets.

Residents play the largest role in ensuring the safety of pets, said Mark Bratton, a contract biologist from Environmental Management.

“Desert predators like coyotes and bobcats do not usually pose a danger to people. The animals will, however, protect their young or a fresh kill and will defend themselves if they feel trapped. Anyone who encounters a coyote or bobcat in one of the housing areas should keep the following tips in mind:

• Turn your body sideways and make yourself appear tall and large.
• Do not panic or run.
• Stand up straight and make yourself appear tall and large.
• Be careful not to corner the animal.

Coyotes and bobcats do not usually pose a danger to people. The animals will, however, protect their young or a fresh kill and will defend themselves if they feel trapped.

A coyote pauses near a sidewalk on main base. Desert predators like coyotes and bobcats can be seen all over the base, including the housing areas. Residents need to be aware of the risks these predators pose and take precautions to protect their pets.

“The animals will, however, protect their young or a fresh kill and will defend themselves if they feel trapped. Anyone who encounters a coyote or bobcat in one of the housing areas should keep the following tips in mind:

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• Do not panic or run.
• Stand up straight and make yourself appear tall and large.
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Coyotes and bobcats do not usually pose a danger to people. The animals will, however, protect their young or a fresh kill and will defend themselves if they feel trapped.

More information about coyotes can be found on the California Department of Fish and Game Web site at www.dfg.ca.gov/news/issues/coyote.html. More information about bobcats can be found on the Arizona Fish and Game Department website at www.azgfd.gov/w_c/urban_bobcat.shtml.

I need a home ...

Marley is a 1-year old Mastiff mix. She is a little shy at first but once she gets to know you, she will be your friend forever.

APET Rescue is looking for adult volunteers.
If you are interested, visit APET Rescue at 615 South Forbes Avenue, or call (661) 258-9525.

APET Rescue is open 4:30- 6 p.m., Monday-Friday, and 3:30-5 p.m., Saturday and Sunday.
**Aero Club**
320 James Road, South Base, Bldg 320, (661) 275-AERO

**Learn to Fly:** The sky is the limit at the Edwards AFB 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.

**Rentals:** The Aero Club offers Cessna 172s and 182s for rent. Contact the Aero Club for reservations and costs.

**Airman and Family Readiness**
5 N. Seller Ave, Bldg 3000, (661) 277-0723

**The Women’s Infants’ & Children’s Mobile Clinic:**
Feb. 11, 9:30 a.m.-3:30 p.m. in the Chapel 2 Annex for both walk-ins and appointments. Closed for lunch, noon-1 p.m. For an appointment or more information about obtaining vouchers on line, call 1-800-327-3074.

**5-Day Department of Labor Employment Workshop:**
Feb. 11-15, 7:30 a.m.-4 p.m. in Classroom C of the Education Office, Bldg 2460. The Transition Assistance Program is required for all personnel separating or retiring. Limited to 22 attendees. Call (661) 277-8451 to sign up as early as possible.

**Newcomers’ Orientation:**
Feb. 14, 7:30 a.m.-2:30 p.m. in the AFTC Conference Center. Required for active duty military, the orientation provides vital information regarding base resources and services, policies and procedures, background and more. Registration is required. Call Glenn Arola at (661) 277-8451.

**Spouses Orientation:**
Feb. 14, 8:30 a.m.-12:30 p.m. in the AFTC Conference Center. This orientation is designed especially for spouses and provides valuable information regarding available services, schools, employment and volunteer opportunities, recreation, shopping and more. Free childcare is available as part of the Child Care for PCS program. Bring a copy of PCS orders to the Airman and Family Readiness to obtain a voucher and a list of home daycare providers. Sign-up is required. Call Glenn Arola at (661) 277-8451 to sign up.

**SBP/Casualty Assistance Office:** The SBP and Casualty Assistance Office is now combined and located in Bldg 3000, Room 215. Please note: Every retiring member, married or single, must make a valid election prior to retiring. See the SBP counselor for more details. Retired military survivor assistance is available at the A&FRC. For more information, call the SBP/Casualty Assistance office at (661) 277-3757. Help is available to file claims through various agencies: DFAS, V.A., SSA, OPM.

**Sponsorship Training:** Attention Spouses and Unit Training Managers, first impressions are lasting impressions! This training is mandatory for all first time sponsors or those who haven’t sponsored anyone for more than a year. There is a new online sponsorship training that replaces the classroom training. Access eSponsorship Application & Training at http://apps.mhf.dod.mil/esat. Training and resources can be found within this new comprehensive application. Certificate of completion must be turned-in to Tonya Eckles and/or your unit training manager for record keeping. For more information on this training or to get a few resources, contact Tonya Eckles at (661) 277-4709 or email tonya.eckles@edwards.af.mil.

**Spouse Employment/Volunteer Resources:** The link to job search strategies and volunteer opportunities is through the Airman & Family Readiness Center. Individual consultation is also available by appointment to provide assistance with employment.

*See ANNOUNCEMENTS, Page 12*

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**Share the love: Send Valentines to veterans**

Army & Air Force Exchange Service shoppers can show their appreciation to military service members who came before them by sending free valentines through the Edwards Air Force Base Exchange through Feb. 8.

Now in its third year, “Valentines for Veterans” is an annual Exchange campaign to send greetings to local Veterans Administration hospitals, Fisher House locations and military retirement facilities.

“Our shoppers include many veterans and their families who know what it means to serve, and understand how nice it is to be remembered,” said the Exchange’s general manager, Mike Wiles. “Valentines for Veterans” is an opportunity for our patrons to reach out to those who’ve already served and send their greetings.”

To send free Valentine’s Day cards, shoppers can simply drop off box at the Edwards AFB Exchange is located in the food court, by Popeye’s. The Exchange will arrange for delivery to local veterans on Valentine’s Day.

Exchange shoppers can learn more by contacting the Edward AFB Exchange at (661)258-1078 and asking about “Valentines for Veterans.”

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**Spouse Employment/Volunteer Resources:** The link to job search strategies and volunteer opportunities is through the Airman & Family Readiness Center. Individual consultation is also available by appointment to provide assistance with employment.

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**Palmdale Regional Medical Center**

The hospital has **two cardiac catheterization labs**, equipped with advanced technology using digital equipment to perform diagnostic, interventional and invasive cardiac procedures, including coronary and carotid artery stenting, abdominal aorta aneurysm repair and atrial fibrillation treatment. And most importantly, the hospital is **STEMI certified**, which can be life-saving in a cardiac emergency.

**Palmdale Regional** respects the power of the heart and we treat it well. Right here at home.

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**Cardiac Arrhythmia Program** | **Two Cardiac Cath Labs**
**Ablations** | **Cardiac Care Unit**
**Cardiopulmonary Services** | **Irregular Heartbeat Services**

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For more information about cardiac services, call 661-382-5630.

Need a Doctor? Call Direct DoctorsSM Plus for a free physician referral at 1-800-851-9780.
ANNOUNCEMENTS, from February 8, 2013

**Desert Wings**

The basics of working with clay while creating fun! Each 2-hour party event teaches spouses’ groups, or anyone ready for some class, which will create several projects.

**Pottery Parties:**
Adult Pottery (Semi-private and Private Lessons): 200 Methusa Rd., (661) 275-ARTS

**Wood Shop News:**
Our new wood shop instructor will be available two days a week - Saturdays, 9–11 a.m., by appointment only. Call (661) 275-2787. Complete your CCAF Degree: The Education Center has CCAF advisers available to assist you with completion of your CCAF degree. Call (661) 277-2713, or stop by Bldg. 2435, 7:30 a.m.-3:30 p.m. Don’t procrastinate, it’s easier than you think!

**Family Child Care**
1208 W. Fitzgerald Blvd., Bldg. 6457, (661) 275-4322

**Extended Duty Care:** The Air Force offers the Extended Duty Care Program to assist parents who need additional child care beyond their normal arrangements due to mission related requirements. Children must already be enrolled in the Child Development Program to qualify. To enroll in this FREE Extended Duty Program or for more information, please contact the Family Child Care office at (661) 275-4322.

**See ANNOUNCEMENTS, Page 13**
Call Paul at (661) 917-1835

Furniture for Sale!!

King bedroom furniture:  
- King bed frame, $150  
- Armoire (43"W x 77.5"T x 23.25"D), $150  
- 6 Drawer dresser (40"W x 57"T x 19.75"D), $120 or $340 for all

#752 Noritake China set  
Service for eight.  
Dinner & Salad plates, bowls, cups, and saucers  
White Scapes Lockleigh 4061 china pattern  
Excellent condition - no chips or cracks

#753 Queen headboard and side cabinets – $200  
The backs of top half of each cabinet are cedar.  
Left cabinet’s top drawer has felt lined compartments.  
Also comes with standard metal frame.

#742 Wooden table – $60  
42" Diameter

#735 Coffee table – $65  
38" diameter Wrought iron base, beveled glass

High Desert Lanes Bowling Center  
205 Fitzgerald, Bldg. 5214, (661) 275-BOWL

Valentine’s Day Special: Feb. 14, 11 a.m.-7 p.m. Two-for-One bowling special (two people bowl for the price of one). $2.25 per game per couple, rental shoes are $1.75 per couple.

Glow-in-the-dark bowling, 3-7 p.m.

Ongoing events:

Shoe rental: $75 Adult/Youth $1.50 for all games below:  
Brown Bag Lunch and Bowl: Monday-Friday, 11 a.m.-2 p.m. Cost: $1.25 per game, shoe rental: $1.75 adult/$1.50 youth

Quarter Mania Mondays: Mondays, 11 a.m.-7 p.m. Cost: $75 per game and $1.50 shoe rental

Family Game Night: Thursdays, 3-7 p.m., $1.50 per game per person, $1 shoe rental. Glow in the dark bowling, fun for the whole family.

Friday Night Early Bird Special: Fridays, 2-6 p.m. Cost: $5 per person – bowl as many games you want.

Friday Night Extreme Bowling - Bring your own Music Night: Fridays, 6-10 p.m. Cost: $2.25 per game per person. Beat the Saturday night rush. Enjoy glow-in-the-dark bowling, great music and fun for everyone.

Bring in your CD’s, MP3 players, or IPODS and we will play your music. No explicit language. (High Desert Lanes has the right to refuse any songs).

Family Dollar Day: Saturdays, noon-6 p.m. Cost is $1 game, $1 shoe rental.

Glow-in-the-Dark Bowling: Saturdays, 6-10 p.m. Cost: $10 per person, shoe rental included. Bowl as many games as you want. Don’t miss out on all the fun at an affordable price. Enjoy Glow-in-the-Dark bowling with a fun atmosphere for the whole family.

Unit Functions: Daily, open to close, with reservations. Cost: $5 per person includes three games and shoe rental. Units may reserve lanes anytime during open bowling for parties, commander’s call, team building events, etc.

Information, Tickets and Travel

205 W. Popson Ave., Bldg. 2500, (661) 275-TRIP

NASCAR is back: ITT offers discounted tickets to this year’s Auto Club 400 the weekend of March 22-24. Tickets are available for all three days at up to 50 percent off, ranging from $17 to $52 per person. Pit passes are $22 and are good for all three days! Contact ITT for more information or to purchase tickets.

Ski Lift Tickets: Mountain High discounted lift tickets are now available for $17 per person.

ITT Price list & Other Events: To see the current ITT price list for events, parks, hotels and discount information, visit www.95fss.com. For the most up-to-date information, press the F5 key to refresh page.

Library

5 W. Yeager Blvd., Bldg. 2665, (661) 275-BOOK, 412fss
fsdl.workflow@edwards.af.mil

Children’s Story Time celebrating President’s Day: Feb. 13, 10 a.m.-noon.

Children’s Story Time celebrating Valentine’s Day: Feb. 15, 10 a.m.-noon.

Free Online Services, Zinio: A leading full-service distributor of digital magazines, the Zinio newsstand has thousands of top magazines from around the world. Browse the list of subscriptions AF libraries own (currently 642 popular titles) and the latest news.

See ANNOUNCEMENTS, Page 14
Desert Wings
White Eagle Aerospace | 520-219-0526 | www.whiteeagleaerospace.com

14

ANNOUNCEMENTS, from 13

titles including Newsweek, National Geographic and Parenting), select and read anywhere, anytime using your computer, smartphone or tablet. To take advantage of this wonderful service, visit the Base Library or call (661) 275-BOOK for more information.

Children's Library Story Time: Wednesdays and Fridays, 10 a.m. Base employees and community members volunteer their time to read stories and create a craft project designed for toddlers and pre-school children.

At the Library: Available for a loan period of two weeks; each item may be renewed at the library only, if there are no pending requests by other customers:
• Books
• Books and CD Sets
• MP3 (Playaway)
• Rosetta Stone CD-ROM (Spanish and Russian only)

New items: Tuesdays: Be the first one to borrow new released books, DVDs, Blu-Ray, TV series, books on CD and more. We invite you to sign up for the Information Awareness Program, to receive a weekly email containing the complete list of new items. Call the library for more information.

Universal Class Now Available: Get access to Universal Class today! This program offers more than 500 online courses on a wide range of subjects/levels, available 24/7, instructor led, self-paced. Universal Class courses are informational and designed to enhance student knowledge, increase skills and stimulate interest in a subject. Visit the Library for more information.

Transparent Language Online: This effective and engaging language-learning program is available for libraries and their patrons. The program is accessible via the Internet and will be available to active duty Air Force, Air National Guard, Reservists, retirees and their respective family members. Air Force civilian employees and contractors who are eligible to use an Air Force library are also eligible. All users must register in person at an Air Force library and can then use it anywhere and at anytime. Transparent Language Online is packed full of pronunciation, speech, grammar, writing, and vocabulary building lessons for more than 80 languages. Featuring top-of-the-line coursework combined with great social media resources, Transparent Language Online is a complete language-learning system.

New Resources in the Children's section: Playaway View, the first all-in-one video player of its kind, pre-loaded with multiple videos of the best educational programming, now available at the Main Library. Try it out and select titles such as math, exploring space, U.S. history and more.

Muroc Lake Golf Course
111 Crest Dr., (661) 275-PUTT

Twilight Golf: Daily, 1 p.m.-sunset. Had a long day at work? Take a little time to relax and enjoy some golf! Our ‘Twilight Special’ is a great way to end the day, get a few holes in before dark and save money!
E1-E4: $4.50 green fees
E5-O3: $6.50 green fees
O4-above: $7.50 green fees
DOD, contractors and guests: $7.50 green fees

Carts are $5 per person

Monday-Friday Special: $20, 7am – 1pm
Cost: $20 for 18 holes of golf, a cart and lunch
Annual Membership: Are you a frequent visitor to Muroc Lake Golf Course? Save some money by purchasing an annual membership. Prices vary on duty status.

Want to learn how to play golf: Come learn from our club pros, Ricky Lanning and Chelsea Orozco can teach you everything you will need to know at your convenience. From longer drives to make more putts and everything in between, our pros can bring you from amateur to pro!

Wi-Fi is now available at the Muroc Lake Golf Course Clubhouse.

Got a broken club: You don’t want to spend the money to buy a new one? Come see our club craftsmen to repair it at a fraction of the price. Prices vary on the damage, call (661) 275-PUTT for more information.

Golf Pro Shop: Our pro shop offers special orders and yellow tag sales - stop by and check it out.

Sandbagger Grill: Muroc Lake Golf Course
The Sand Bagger offers a large variety of meal options from our breakfast menu, Angus beef hamburgers, sandwiches, focaccia’s, Panini’s and salads. Call for more information, reservations or special functions!

Daily specials are served with a side of French fries or salad and small soda.

Monday: Barbecue pulled pork sandwich, slow cooked and smothered with barbecue sauce on ciabatta bread; $8.95.

Tuesday: Homemade tuna salad on butter croissant with lettuce and hard-boiled egg; $7.95.

Wednesday: Build your own taco salad with the choice of homemade chicken or beef and a variety of selection of toppings (fries and salad are not available as a side with this meal); $8.25.

Thursday: Tri tip slow cooked and marinated in tequila sauce; $7.95.

See ANNOUNCEMENTS, Page 15

AEROSPACE TRAINING

We provide cutting edge aerospace training courses designed to increase your knowledge and enhance your career path.

Aerospace Lessons-Learned
4-Day Professional Short Course (3 CEUs)
11-14 February 2013 • AERO Institute, Palmdale, CA

Course Description
The Aerospace Lessons-Learned (ALL) short course provides participants with the key knowledge, understanding and insight required to effectively apply a myriad of hard-won lessons-learned gleaned over the last half-century. The course stresses the importance of being cognizant of and learning from defining events in aerospace history. Participants will learn about significant events and mishaps; what worked, what didn’t work and why. Training is directly applicable to anyone working in the aerospace industry.

Your Instructor
J. Terry White is a nationally recognized aerosciences expert and highly experienced master instructor. White’s nearly 40 years of professional aerospace experience includes the NASA Space Shuttle Program, NASA X-43A Flight Research Project and the United States Navy STANDARD Missile program. He is the founder and president of White Eagle Aerospace.

About Our Company
Since our founding in 2006, White Eagle Aerospace has become a trusted leader in professional technical training and education throughout the aerospace industry. As a fellow aerospace professional with nearly 40 years of industry experience, company founder and President J. Terry White understands the critical need for ongoing technical training in the workplace. Whether you are new to the aerospace industry or have years of professional experience, we are your provider-of-choice for expert technical training. Our nationally- acclaimed short courses cover a wide range of highly useful technical subjects. Each course is delivered by a highly experienced subject-matter expert who is also an expert technical instructor. Our courses provide comprehensive technical training in essential topics, with minimal time away from work. We are proud to serve the training needs of today’s leading aerospace organizations, both military and private sector.

For a full course brochure, please visit www.whiteeagleaerospace.com

President's Day: Feb. 18

All 412th FSS facilities will be closed except the following:
• Aero Club: Flying sunrise to sunset, office closed
• High Desert Inn: Open 7-days a week, 24-hours a day
• Joshua Tree Dining Facility: 6 a.m.-8 a.m.; 10:30 a.m.-1 p.m.; 4-7 p.m.; 11 p.m.-1 a.m.
• Muroc Lake Golf Course: 7 a.m. to Sunset
• Rosburg Fitness Center: 8 a.m.-4 p.m.
• Sandbagger Grill at Muroc Lake Golf Course: 7 a.m.-2 p.m.

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White Eagle Aerospace | 520-219-0526 | www.whiteeagleaerospace.com

“WHEN I HAVE AN ASTHMA ATTACK
I FEEL LIKE A FISH WITH NO WATER.”

-JESSE, AGE 5
Monday-Thursday, 7-7:55 p.m. Cost is $3 per person per class, with a 25 percent discount if you buy a 10-class punch card.

**Oasis Community Center**

205 W. Popson Ave., (661) 275-CNTR

Valentine’s Day Craft Night: Feb. 13, 5-7 p.m.

**Fitness Classes available at the Oasis Community Center**

Zumba: Monday, Tuesday, Wednesday and Thursday, 7-7:55 p.m. Monday and Wednesday, 10-10:55 a.m. Cost is $3 per person per class, with 25 percent discount if you buy a 10-class punch card.

Aerobics: Monday, Wednesday and Friday, 11 a.m.-noon. Cost is $25 per person, per month.

Kickboxing: Tuesday and Thursday, 11 a.m.-noon. Cost is $25 per person, per month.

**Monthly Instructional Classes:** All classes are conducted at the Oasis Community Center. Call (661) 275-2687 for additional information. Use your PLAYpass here!

- Classical Guitar Lessons: Cost $28 per half hour lesson, per student. Call for available lesson days/times.
- Basic/Beginning Drum Lessons: Cost $28 per half hour lesson, per student. Call for available lesson days/times.
- Piano Lessons: Cost $28 per half hour lesson, per student. Call for available lesson days/times.
- Kinderfiddle (beginning violin): Cost $28 per half hour lesson, per student. Call for available lesson days/times.
- Karate Class: Monday and Wednesday, 5-7 p.m. Cost is $25 per month, per person, ages 7 and up.
- Hula Lessons: Thursdays, $20 per month for beginners, $25 per month for intermediate and advanced.

**Outdoor Recreation**

Kinchelle Ave., (661) 275-CAMP

Paintball: Feb. 16, 10 a.m.-4 p.m.
- $35 Paintball package includes 500 rounds, air, equipment rental and field fees
- Karate lessons are included in the price. Equipment rental includes air and field fees.
- $25 Package includes air, equipment rental and field fees
- $10 Field fee
- $5 All day air

Beginner through advanced are welcome! Come play rain or shine and bring lunch and water.

**Ski Shuttle to the Mountains:** Want to meet some new skiers or snowboarders and head to Mountain High or Big Bear? Let us take you there! We will depart from the front desk and sign up for this one-hour class. We are here to help you get the most out of your fitness routine.

**February 8, 2013**

**Desert Wings**

**14**

**ANNOUNCEMENTS, from 14**

- la, thinly sliced on toasted ciabatta bread, topped with Swiss cheese and sautéed mushrooms; $8.95.
- Friday: Nine-ounce fish fillet and chips, with a side of homemade tartar sauce and malt vinegar; $8.95.

**Monday**

- $28 per half hour lesson, per student. Call for available lesson days/times.
- Kinderfiddle (beginning violin): Cost $28 per half hour lesson, per student. Call for available lesson days/times.
- Karate Class: Monday and Wednesday, 5-7 p.m. Cost is $25 per month, per person, ages 7 and up.
- Hula Lessons: Thursdays, $20 per month for beginners, $25 per month for intermediate and advanced.

**Outdoor Recreation**

Kinchelle Ave., (661) 275-CAMP

Paintball: Feb. 16, 10 a.m.-4 p.m.
- $35 Paintball package includes 500 rounds, air, equipment rental and field fees
- $35 Airsoft package includes 2,000 rounds, equipment rental and field fees
- $25 Package includes air, equipment rental and field fees
- $10 Field fee
- $5 All day air

Beginner through advanced are welcome! Games run all day long so bring lunch and water.

**Ski Shuttle to the Mountains:** Want to meet some new skiers or snowboarders and head to Mountain High or Big Bear? Let us take you there! We will depart from the front desk and sign up for this one-hour class. We are here to help you get the most out of your fitness routine.

**Teen Center**

100 Kinchelle Ave., Bldg. 7211, (661) 275-8336

**Keystone Club:** Tuesdays, 4:15 p.m. The Keystone Club is a leadership group for high school students to learn and practice leadership skills through the management of community service projects and fund raising activities.

**Youth Programs**

24 Lathrop Dr., (661) 275-5437

**4-H Photography Club:** Feb. 14, 3:30-5 p.m. Learn and experience basic photography skills. See Mr. Chris for details.

**Pre-Teen Valentine Dance:** Feb. 15, 7-10 p.m. in the Youth Programs Gym. Admission is $3 for members, $5 for non-members, age 9-12.

**Toddlers Learning Center:** Toddlers ages 2-4 (younger siblings are welcome). Are you looking for a class that you & your toddler can share in? If so this is the class for you! TLC is a Mom, Pop & Tot class that allows families to learn while playing! Classes are filling fast! Call Youth Programs at (661) 275-KIDS or Ms Amy at (325) 829-5101.

**Crafty Kids Art:** Daily, 3-5 p.m. Join us in the art area as we create all types of cool arts & crafts. No cost!

**Free Thinker's Reading Club:** Mondays, 3:30-4:30 p.m., in the Club Room. Practice reading, writing and public speaking skills. See Ms. Christal for details and to sign up.

**Model Building Club:** Fridays, 4-5 p.m., in the Club Room. Choose from several plastics models and learn building techniques with the end product being your very own. See Mr. Mark for details and to sign up.

**Boys & Girls Club Power Hour/Project Learn, Join today:** Monday-Thursday, 2:45-4 p.m. Power Hour: making minutes count helps club members become successful in school by providing homework help/tutoring while encouraging members to become self-directed learners. See Ms. Jamine for details and to sign up.

**Youth Sports**

Contact Emil Graves, (661) 277-8961

**Coaches and Umpires:** The Youth Sports Board is looking for highly motivated volunteers to coach and umpire for Youth Baseball and Softball. Contact Emil Graves or Andrew Neises at (661) 277-8961 for more information.

**Fifth Factor Fridays:** 3:15-5 p.m. Join us in the Gym! Be Active and Eat Healthy to reach the Fifth Factor Levels and Earn Prizes! You can find more information @ http://www.afgetfit.com.

**February 12-17, 2013**

**Riviera Country Club | Los Angeles, CA**

**FREE ADMISSION FOR MILITARY TO THE NORTHERN TRUST OPEN**

- Free bus transportation Feb. 16, seating is limited (bus leaves Muroc Lake Golf Course at 8 a.m. and leaves NTO at 4 p.m.)
- Birdies for the Brave Patriot’s Outpost hospitality tent open to all active duty, reservists, retirees, veterans & dependents, with complimentary food & beverages
- Free tickets for all days available at: NTO Will Call with military ID
- To purchase additional discounted tickets visit www.livingsocial.com
Lancaster Baptist is an independent, Baptist church with a friendly, family atmosphere; compassionate vision; and strong commitment to Bible truth. We offer classes specifically designed for military families and singles.

Join us this Sunday at 0830 or 1100

Pastor Paul Chappell  
661.946.4663  
4020 E. Lancaster Blvd.  
Lancaster, CA 93535

lancasterbaptist.org

Only 15 minutes from Edwards South Gate: exit South Gate and turn right on Ave. E, left on 90th St. E, right on Ave. I and left on 40th E.

661.946.4663  4020 E. Lancaster Blvd.  Lancaster, CA 93535

lancasterbaptist.org
FREE ADS
The ONLY personnel eligible to place free ads in the Desert Wings and Aerotech News are:

- Active Duty Military and DoD personnel stationed at Edwards AFB and their dependents, and retired military.

The ONLY Classified ads that are available as free ads to above listed personnel are:

- Pets - Free To Good Home
- Roommate Wanted
- Lost & Found
- Cars & Trucks (Except RV's)
- Furniture & Appliances
- Misc. For Sale
- Garage & Yard Sales
- Motorcycles
- Misc. Wanted

All other categories are paid.
If you are eligible use the form below:

FREE CLASSIFIED AD FORM

AD COPY
One word, phone number, price per space.

______________________
______________________
______________________
______________________

Code: ___________________________ (For Aerotech Office Use Only)
Name: __________________________ Rank: __________________________
Address: ______________________________________________________
City: __________________________ State: __________ Zip: __________

ALL ADS MUST BE RECEIVED BY TUESDAY NOON FOR THAT FRIDAY’S PAPER

To Submit Ads:
Public Affairs will no longer accept classified ads! Please submit your ads via one of the following methods:

BY MAIL:
Paid And Free Ads
456 E. Ave. K-4, Ste B
Lancaster, CA 93535

BY FAX:
Paid And Free Ads
(661) 723-7757 or Toll-Free (877) 247-9188

BY EMAIL:
Paid And Free Ads
judy@aerotechnews.com

BY PHONE:
Paid Ads Only
(661) 945-5634 or Toll-Free (877) 247-9288

The following categories are paid ads:
- Homes For Sale
- Houses For Rent
- Apartments For Rent
- Lots
- Hotels & Motels
- Commercial Rentals
- Loans
- Investments
- Business Opportunities
- Recreational Vehicles
- Work Wanted
- Condos For Sale
- Townhomes
- Industrial Properties
- Mobiles For Sale
- Mobiles For Rent
- Misc. For Rent
- Acreage
- Income Property
- Farms & Ranches
- Services
- Employment Opportunities
- Child care
- Condos For Rent

The following ads are also considered paid ads if you do not qualify under FREE ADS Guidelines:
- Pets - Free To Good Home
- Lost & Found
- Cars & Trucks (Except RV's)
- Furniture & Appliances
- Misc. For Sale
- Motorcycles
- Misc. Wanted
- Roommate Wanted
- Homes For Sale
- Houses For Rent
- Apartments For Rent
- Lots
- Commercial Rentals
- Loans
- Investments
- Business Opportunities
- Recreational Vehicles
- Work Wanted
- Condos For Sale
- Townhomes
- Industrial Properties
- Mobiles For Sale
- Mobiles For Rent
- Misc. For Rent
- Acreage
- Income Property
- Farms & Ranches
- Services
- Employment Opportunities
- Child care
- Condos For Rent
**February 8, 2013**

**Desert Wings**

*Take 60% off “Tender Hugs and Kisses with Chocolates” and 20% off minimum product purchase of $29.00. Discounts: (i) apply to the regular price of the products, (ii) will appear upon checkout and cannot be combined with other offers or discounts, unless specified, and (iii) do not apply to gift cards or certificates, international delivery, shipping & handling, taxes, or third-party hosted products (e.g. wine). Discounts not valid on bulk or corporate purchases of 10 units or more. Images in this advertisement may include upgraded, premium containers which are available for an additional charge. Prices valid while supplies last. Offer expires 2/14/2013.

**SAVE 60%**

**Enjoy 60% off**

**Tender Hugs & Kisses with Chocolates**

Show a little love this Valentine’s Day with this ruby red tulip and deep blue iris bouquet coupled with delicious chocolates!

Site Price: $49.99

You Pay: $19.99 +s/h

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- In a Gated Community
- Appliances included
- Fenced Yard, Community Pool
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Save 69% Plus 2 FREE Gifts!

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