



## Base Briefs

### CANCELLATION

The NBA players visit with base Airmen scheduled for Aug. 13 at the Vandenberg Center has been cancelled.

### POSITION OPENING

The 30th Mission Support Group has an immediate opening for a dorm manager. Technical and master sergeants may apply for the position of chief of unaccompanied housing. This is a two-year controlled tour. Applicants must submit a letter of recommendation from their commander, and copies of their last three performance reports to the 30th Mission Support Group. The submission deadline is Aug. 16. Call Staff Sgt. Raul Molina at 606-3933 for more information.

### OFFICE CLOSURE

The 30th Comptroller Squadron's financial services office customer service section will be closed Aug. 20 at 1 p.m. for an official function. If emergency financial assistance is needed, call 588-0701.

### UNIFORM CHANGES

The 96th Air Force Uniform Board approved 39 changes to the AF dress and personal appearance instruction. The board also disapproved 61 proposals. For a complete list of the board's changes go to Vandenberg's Military Personnel Flight Web site at <https://intranet/organization/30msg/30MSS/mpf/index.htm>. Click the weekly newsletter tab for July 23.

### BATTERY RECYCLING

Dormitory residents can now recycle their old batteries in the three dormitory dayrooms. The Vandenberg recycling program recycles AAA to D size consumer batteries, alkaline, carbon-zinc, 9-volt, nickel cadmium, nickel metal hydride and lithium batteries.

### OBSTACLE COURSE

The base obstacle course is off limits to everyone who has not received obstacle course training from the 30th Security Forces Squadron. To schedule training, call Staff Sgt. Chris Correia at 605-2087.

### NEW CLINIC HOURS

The 30th Medical Group is open Thursdays from 8 a.m. to 4:30 p.m. The phone lines are also open for appointments at 7:45 a.m. for active-duty service members and 8:30 a.m. for dependents and retirees. The clinic is closed for training the fourth Thursday of each month.

## Drinking and Driving: Nobody Wins



PHOTO BY AIRMAN 1ST CLASS JENNIFER HAAS

Two Team Vandenberg senior airmen were involved in a serious accident early Sunday morning on Highway 1 adjacent to San Antonio Road East. The Airmen are assigned to the 30th Security Forces Squadron and were injured during the accident. Inset: The vehicle landed up-side down off the road. Above: A tow truck hauls the vehicle up a steep embankment.

## Team V responds to protestors at main gate

By CAPT. TODD FLEMING  
30th Space Wing Public Affairs

■ The 30th Security Forces Squadron deployed more than 100 people throughout the base Saturday in response to a protest at the main gate.

The primary concern of security forces was not necessarily the protestors at the gate but the possibility that others not quite as well-intentioned would try to sneak onto base from different areas, said Tech. Sgt. Vince Cerda, NCO in charge of Missile Operations Support and Team V's point man for protest support.

"Some of our concerns are protestors trying to disrupt our normal, day-to-day operations or possibly attempting to cause damage to our priority resources,"

Sergeant Cerda said.

To ensure this didn't happen, Team V's helicopters flew over the base while horse and bike patrols scoured key areas.

"The purpose of the UH-1N helicopters was to monitor the protest area, sweep the route the protestors took during their march from Vandenberg Village and to sweep our backcountry areas to ensure no one attempted to gain access from the beaches or backroads," Sergeant Cerda said. "They were our eyes in the sky."

In addition to many on-base agencies that provided assistance, the base also relied heavily on civilian law enforcement agencies.

The Santa Barbara County Sheriff's office, the California

Highway Patrol, Lompoc and Santa Maria police departments, and the U.S. Marshal's office all provided support, Sergeant Cerda said.

"Although the protest turned out to be peaceful in nature, it did provide us an excellent opportunity to bring together the team needed to respond in the event there is an incident," said 1st Lt. Rudy Castillo.

Over the past three years, security forces have arrested 85 protestors at the main gate and at various base locations.

About thirty protestors gathered outside the main gate for about three hours last weekend, although the focus of the protest was not clear. The event didn't result in any disruptions.

## Snowy Plover violations rise to 32

■ With only two months left in the western snowy plover nesting season Surf beach has racked up 28 violations, Minuteman has two and Wall has two.

The 2004 beach rules and violation limits at Surf, Wall and Minuteman beaches:

- Beach and dune areas beyond fences delineating closed beach boundaries are off limits through Sept. 30.

Any entry into closed areas counts toward the violation total.

Beach access and allowable violations:

- Surf Beach (public and Vandenberg personnel access): open area is one-half mile long adjacent to Surf Station, accessible directly from the Amtrak station or via a one-half mile trail through the back dunes from Ocean Park.

- Violation limit: 50
- Wall Beach (Vandenberg personnel and limited public access via Civilian Fishing List): open area is the northernmost one-quarter mile of the beach.

- Violation limit: 10
- Minuteman Beach (Vandenberg person-



PHOTO BY AIRMAN 1ST MATTHEW REED

nel only): open area is the northernmost one-half mile of the beach.

Violation limit: 5

Beach Rules:

- No pets
- No littering
- No kite flying
- No camping
- No fireworks
- No beach fires
- No horses
- No off-road vehicles
- No windsurfing or Para surfing
- No feeding wildlife

## Team V Celebrates 50 years of Space and Missiles



Team Vandenberg is invited to attend the 50th Anniversary of Air Force Space and Missiles Ball Aug. 21 in the Pacific Coast Club ballroom.

AIR FORCE Space & Missiles

Time: 5 p.m. social and 6 p.m. dinner

Attire: mess dress or semi-formal for military black tie for civilians  
Menu: prime rib and halibut  
Cost: \$30

Call Kristie Stavoli at 606-2538 to make reservations by Monday.



## National Night Out raises crime prevention awareness

By AIRMAN 1ST CLASS JUANIKA GLOVER  
30th Space Wing Public Affairs

■ More than 500 Team Vandenberg members came out to celebrate the 21st annual National Night Out Tuesday joining neighbors and law enforcement officials for a nationwide drug and crime prevention event.

"National Night Out is a unique crime and drug prevention event designed to heighten prevention awareness and generate support and participation in local anti-crime programs," said Senior Airman Haris Johnson, 30th Security Forces Squadron crime prevention specialist.

This event is a great opportunity for our community to come together and share a close up look into the service our police and fire professionals provide to the community," said Chief Master Sgt. John Barrows, 30th SFS security forces manager. "It is a fun filled event that really promotes teamwork between these professionals and the community we serve."

The evening began with a parade through base housing

featuring off-road law enforcement and fire department vehicles along with an appearance by McGruff the Crime Dog.

This year's event featured stationary displays of police and fire trucks for children to explore along with information booths. Several events included youth activities, games, face and finger painting, musical entertainment, rock climbing, child identification and K-9 demonstrations.

Debra Mason, a mother of three, recently arrived at Vandenberg and said she brought her children out to enjoy the fun and entertainment as well as to learn about the ways they can also help prevent crime.

"Since I'm new to the base I'm not too familiar with what's going on. I thought this would be a great opportunity for my children to meet other children, have fun and also learn some things in the process," Mrs. Mason said. "I think it's very important for communities to come together for a positive cause such as this. It allows for people to get

See NNO Page A2

## In this issue of the



Also view The Space & Missile Times at [www.vandenberg.af.mil](http://www.vandenberg.af.mil) and click the Space & Missile Times button.



Space & Missiles Times bi-weekly articles honor 50th anniversary of space and missiles. See Page A6.



Destinations Central Coast stays close to home heading to Santa Maria for a fun-filled day at in Waller Park. See Page B1.

Weekend forecast  
Morning and evening low clouds Saturday and Sunday.  
Low/High  
54/74  
For a full Vandenberg weather report, visit [www.vandenberg.af.mil/30sw/organizations/30og/weather/weather\\_index.html](http://www.vandenberg.af.mil/30sw/organizations/30og/weather/weather_index.html)

# VEAT: Airmen's voice

## Team raises concerns to base leadership

By AIRMAN 1ST CLASS BRYAN FRANKS  
30th Space Wing Public Affairs

Airmen who want to walk right into the command chief's office to tell the wing's top enlisted man their concerns would probably need to make an appointment weeks in advance. Or, they could attend a Vandenberg Enlisted Action Team meeting.

30th Space Wing Command Chief Master Sgt. Kevin Ludwig is a regular at the monthly meetings established by Airmen for Airmen.

VEAT is an organization for technical sergeants and below who voice the concerns of Airmen to Vandenberg's senior leadership.

"We're about the issues," said Staff Sgt. Patrica Keen, 30th Space Wing Manpower office and VEAT president. "If you're a tech. sergeant or below, you're a member of VEAT. All Airmen have to do is come to the meetings and participate."

VEAT's main focus is to work issues that make the base better for its

members.

"Right now we're working toward getting an area set aside for people in bands to practice," Sergeant Keen said.

"They can't do it in the dorm room because of lack of room and because it's loud. In base housing people have the room but the noise is still a factor."

The first 15 minutes of the VEAT meeting is set-aside for Airmen to get to know each other and network, Sergeant Keen said. Networking helps VEAT get issues solved because someone might know where to get the answer and ask a VEAT member rather than a random person in their squadron or office.

"We have the senior leadership's ear," Sergeant Keen said.

Command Chief Ludwig, the Vandenberg Top Three and the First Sergeants, are all VEAT advisors.

The command chief reads the minutes and is an advisor. If he can't make a meeting, he appoints another

chief to take his place, Sergeant Keen said.

Along with its military advisors, VEAT gets input from Vandenberg's Army and Air Force Exchange Service manager. He attends the meetings to answer questions and give input on AAFES-related quality-of-life issues.

The base exchange coffee shop opening at 8 a.m. is a VEAT concern because many people would like to get coffee before going to work, Sergeant Keen said. The AAFES manager is working with the shop's owner to get it open earlier.

VEAT is also a communication tool. It works to get as much information out to its members as possible to ease people's apprehension about change, Sergeant Keen added. It also serves to make people aware of new benefits and services.

VEAT meetings are held at 10 a.m. the third Thursday of each month in the Pacific Coast Club.

### Jobin' it



Senior Airman David Hyder, 30th Logistics Readiness Squadron, works on a 5-ton-dump truck engine Monday inside building 10711.

PHOTO BY AIRMAN 1ST CLASS MATTHEW REED

### CLIP AND SAVE! DON'T DRINK AND DRIVE

Call Airmen Against Drunk Driving



For a free and confidential 'no questions asked' ride home, call Airmen Against Drunk Driving at 606-AADD or 605-AADD (2233).

### ALCON: Charlie

A DUI or alcohol-related incident has occurred resulting in injury or property damage.

AADD saves: 189  
Days since last DUI: 6  
DUI totals for the year: 14

30th OG	2	30th SW	1	614th SOPG	0
30th MSG	5	14th AF	0	381st TRG	4
30th MDG	1	30th LCG	0	576th FLTS	1

### NNO: From Page A1

to know their neighbors and also get familiar with base law enforcement." Airman Johnson said base residents were treated to free barbeque and giveaways. In between all that, they enjoyed live entertainment and got to see firsthand the latest tools in Vandenberg's fight against crime.

This year's National Night Out welcomed more than 20 on- and off-base organizations such as the Lompoc Rape Crisis Center, Civil

Air Patrol, Office of Special Investigations, Air Force recruiters, Vandenberg Fire Department, Girl and Boy Scouts and a number of security forces offices including wildlife, combat arms and emergency services team.

"National Night Out 2004 turned out to be a huge success thanks to all our sponsors and the Team V members who came out to support the event," Airman Johnson added.

"The turnout was much greater than we expected and that shows that there's a lot of Vandenberg members who want to ensure their streets continue to remain safe."

### SPACE & MISSILE TIMES

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For information about the Space & Missile Times, call the staff at (805) 606-2040.

# Why we fight in Iraq

By DONALD RUMSFELD

U.S. Secretary of Defense

More than 15 months ago, a global coalition ended the brutal regime of Saddam Hussein and liberated the people of Iraq.

As in all conflicts, this has come at a cost in lives. Some of your comrades made the ultimate sacrifice. For your sacrifices, our country and the president are deeply grateful.

In a free, democratic country we have vigorous debates over important public policy issues – none more heated than a decision to go to war. But this should not distract us from the mission at hand or lessen the magnitude of your accomplishments.

The threat we face must be confronted. And you are doing so exceedingly well. Indeed it has been a historic demonstration of skill and military power.

On September 11, 3,000 citizens were killed by extremists determined to frighten and

intimidate our people and civilized societies. The future danger is that, if the extremists gain the potential, the number of casualties would be far higher. Terrorists are continuing to plot attacks against the American people and against other civilized societies. This is a different kind of enemy and a different kind of world. And we must think and act differently in this new century.

These extremists think nothing of cutting off innocent people's heads to try to intimidate great nations. They have murdered citizens from many countries – South Korea, Japan, Spain, the United Kingdom and others – hoping to strike fear in the hearts of free people.

Theirs is an ideology of oppression and subjugation of women. They seek to create radical systems that impose their views on others. And they will accept no armistice with those who choose free systems.

They see the governments of

the Middle East, the United States and our stalwart allies all as targets.

Consider the background. In the span of 20 years, Hussein's Iraq invaded two neighbors, Iran and Kuwait, and launched ballistic missiles at two more. He employed poison gas against soldiers in Iran and against Kurdish villagers in his own country.

The United Nations and the U.S. Congress shared the view that Saddam's regime was a threat to the region and the world. Indeed, in 1998, our congress passed a resolution calling for the removal of the regime. And over the years the U.N. passed 17 resolutions condemning Saddam's regime and calling on him to tell the U.N. about his weapons programs. He ignored every one.

Information gathered since the defeat of Saddam's regime last year confirms that his last declaration to the U.N. about his weapons programs was falsified. The U.N. resolutions had called

for "serious consequences" should Saddam not comply. He did not.

The president issued a final ultimatum to Saddam to relinquish power to avoid war. Saddam chose war instead.

By your skill and courage, you have put a brutal dictator in the dock to be tried by the Iraqi people and restored freedom to 25 million people. By helping to repair infrastructure, rebuild schools, encourage democratic institutions and delivering educational and medical supplies, you have shown America's true character and given Iraq a chance at a new start.

But most importantly, your fight and ultimate victory – against the forces of terror and extremism in Iraq and the Middle East will have made America safer and more secure.

You are accomplishing something noble and historic – and future generations of Americans will remember and thank you for it.

## Commander's Action Line

Call 606-7850

or

E-mail your message to [actionline@vandenberg.af.mil](mailto:actionline@vandenberg.af.mil)



Col. Frank Gallegos  
commander

By performing Vandenberg's mission safely and effectively, Team V provides proof of its commitment to do the right thing.

Two-way communication is paramount to continued mission success. The 30th Space Wing Commander's Action Line is your direct link to me.

Through the action line you can congratulate your teammates on a job well done, affect change and express productive points of view.

I want your input and I am personally involved in every response.

The action line is always available and it's an excellent tool, but remember to

use your chain of command. Talk to your supervisors, first sergeants, services officials and other base professionals and give them a chance to solve your problem first.

Working together, we will enrich the 30th SW mission performance and the quality of life of our Airmen.

When calling the action line, leave your name and phone number in case more information is needed.

## Leaders impact organizational change

By MAJ. JAMES BELL

30th Comptroller Squadron commander

Change is an inevitable part of our everyday lives. Just think how much technology alone has altered the world in the last 15 years.

Military organizations are not immune to the phenomenon. In fact, we probably change more than businesses in the private sector. For example, compare the 30th Space Wing today versus a year ago.

The fact that we transform so often made me wonder what role leaders play in the organizational change process. After recently reading a couple of books about Gen. Jimmy Doolittle, I concluded that leaders are crucial to effective organizational change.

General Doolittle is known primarily as a brilliant air commander who led the first aerial attack on the Japanese mainland during World War II. However, he was also a tremendous leader who exhibited courage, conviction and creativity to make effective changes to organizations he commanded.

General Doolittle displayed courage to change the B-26 training process. When he arrived at a particular unit, he found a crisis

at hand. Pilots flying the new B-26 were crashing and dying at an incredibly high rate. General Doolittle took command of the unit and his first act was to courageously fly the B-26 under all conditions to demonstrate it was no different than flying any other plane. He determined the problem was training, not the aircraft, and consequently created new procedures. His actions greatly reduced accidents and restored pilot confidence. As a result, unit effectiveness soared.

General Doolittle stuck by his conviction to free fighters from escorting bombers despite protests. The standard procedure in World War II was for Allied fighters to escort bombers. General Doolittle decided to unleash the fighters and allow them to attack the German Air Force. He stuck to his guns in spite of unanimous negative reaction from distressed bomber pilots. He reinforced his belief by changing the 8th Fighter Command's motto from "Our Mission is to Bring the Bombers Back" to "Our Mission is to Destroy the German Air Force." Again, the impact of General Doolittle's actions was profound. The Allies went on to demolish the Luftwaffe; gain air superiority and

eventual emerge victorious in World War II.

General Doolittle exhibited creativity by changing the standard number of missions required of aircrews. To that point, the standard number of missions air crews in 8th Air Force flew before returning to the U.S. was 25 but it took 10 missions just to get proficient, so most departed just as they were reaching their peak. General Doolittle changed the standard to 30, and subsequently 35 missions. Crew survival rates increased and bombing efficiency improved by 33 percent.

General Doolittle was an air pioneer. In addition, he was an outstanding combat leader during World War II who implemented effective organizational transformations through courage, conviction and creativity. Some of his changes, like freeing fighters from escorting bombers, have endured and are now standard practice. Thus, they have become part of our Air Force organizational culture.

General Doolittle proved that great leaders could influence the organizational change process. Are you a leader in your unit? What impact will you have on organizational change?

## Destinations Central Coast WANTS YOU!

Have you visited a Central Coast destination lately? Share it with the rest of Team V! Send in a 400-600 word rough draft about your adventure! Send submissions to: [space&missiletimes@vandenberg.af.mil](mailto:space&missiletimes@vandenberg.af.mil)

## HAWKS'

Point of View

"What's your favorite food?"



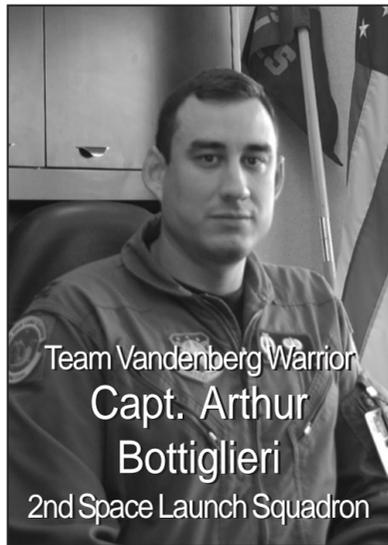
"I like all food." –  
Andy Winston

"Grits." – Airman  
1st Class Valente  
Thompson, 30th  
Medical Group



"Corn Dogs." – 2nd  
Lt. Steven Grim,  
392nd Training  
Squadron

"Kalua Pig." – Staff  
Sgt. Kakei  
Namauu, 30th  
Space Commun-  
ications  
Squadron



Team Vandenberg Warrior  
Capt. Arthur  
Bottiglieri  
2nd Space Launch Squadron

PHOTO BY AIRMAN 1ST CLASS MATTHEW REED

Hometown: San Antonio, Texas  
Time in service: 8.5 years  
Time on station: 2 years  
Role in mission: I'm the 30th Operations

Support Flight commander.

**How do you contribute to the wing mission?** I am responsible for training, planning, integrating, and scheduling efforts for the 2nd Space Launch Squadron in support of the wing's spacelift mission.

**What do you like best about the Air Force?** I like the caliber of people in the Air Force. It has allowed me to establish friendships that will last a lifetime.

**If you could change one thing about the Air Force what would it be?** I would increase the emphasis placed on physical training during basic training and officer training school. This would help better prepare Airmen for the rigorous working conditions they may face during contingency deployments.

**How do you fulfill the Air Force core values?** By challenging myself! Everyday, I push myself to learn something new or improve on something old.

**What's the most exciting experience you've had so far in the Air Force?** My opportunity to go into Iraq and

Afghanistan in support of the War on Terror.

**How would you improve life at Vandenberg?** I would increase the size and selection of our base exchange and food court. I have seen a few of those new super-base exchanges and they are not only extremely nice but they benefit people who live on and off base.

**Who is your role model and why?** My co-role models are my two older brothers, Mark and Mike. Their positive outlook on life and never-quit mindset has taught me that with the right attitude you can achieve your goals no matter what the obstacles.

**Who is your favorite leader in history and why?** Ronald Wilson Reagan. His leadership during the Cold War is second to none. He led this country through arguably the most dangerous time in world history. "Mr. Gorbachev, tear down this wall!"

**Favorite book:** The Commanders by Bob Woodward

**Hobbies:** Basketball, hiking, and traveling with my family



Team Vandenberg  
Warrior  
Robert Irwin  
2nd Space Launch  
Squadron

PHOTO BY AIRMAN 1ST CLASS MATTHEW REED

Hometown: San Diego, Calif.  
Time in service: 36 Years  
Time on station: 35 Years  
Role in mission: I do flight worthiness certification for the last Titan IV mission

and upcoming Delta II mission. **How do you contribute to the wing mission?** As launch base booster processing lead, I ensure Titan IV and Delta II rockets are ready for flight to ensure 100 percent mission success. We also ensure anomalies are properly dispositioned.

**What do you like best about the Air Force?** I like the fact that the Air Force provides a great opportunity to achieve doing very important national security jobs – very fulfilling career.

**How do you fulfill the Air Force core values?** I like to think I give my best. In the words of our former wing vice commander, I try to be a person who makes things happen instead of

watching things happen.

**What's the most exciting experience you've had so far in the Air Force?** I was part of a small team that recovered use of a failed on-orbit asset via real time commands from the ground (years ago).

**How would you improve life at Vandenberg?** I think the quality of life is pretty good at Vandenberg. No complaints.

**Who is your role model and why?** Anyone who does the absolute best that he or she can with what they have. Also, anyone who can honestly say there is no malice or bigotry in their hearts.

**Who is your favorite leader in history and why?** Vince Lombardi. The ultimate motivator.

**Favorite movie:** "Forrest Gump"  
**Hobbies:** anything dealing with sports of any kind

## Don't try this at home



PHOTO BY AIRMAN 1ST CLASS MATTHEW REED

Airman 1st Class Douglas Duarte, 30th Civil Engineer Squadron, and James Boerner, 30th Civil Engineer Squadron, prime a pump to vacuum out a hole before fixing a water leak near the 30th Medical Group July 29. More than 50 homes were without water.

# Crimebeat...



COMPILED BY SENIOR AIRMAN  
HARIS JOHNSON  
30th Security Forces Squadron

## July 26 Do you pay rent here? – 9:10 a.m.

A 30th Security Forces Squadron patrolman spoke with two suspicious people at the Vandenberg picnic grounds near the golf course. The two non-base affiliated civilians became increasingly uncooperative and after checking their identities it was revealed one was an unregistered sex offender. A search of their makeshift campsite revealed marijuana and methamphetamines. Lompoc Police officers took the two into custody.

## July 27 Beauty has a price – 5:38 p.m.

A dependent of a retired master sergeant was charged with petty theft for placing a bottle of perfume, valued at \$58.50, into her purse while shopping at the base exchange. The dependent was cited for petty theft and released.

## July 28 Read the warning label – 12:32 a.m.

An anonymous caller reported to the Security Forces Control Center that an individual was yelling in the parking lot of building 13122, Matador Dormitory. When patrolmen arrived at the dorm, they contacted an Airman lying on the ground. Medical and fire department responders transported the Airman to Lompoc Hospital for suspected alcohol poison-

ing. The Airman was charged with a violation of Article 134 of the Uniform Code of Military Justice, drunkenness.

**Ouch! – 5:30 a.m.**  
The SFCC received a 911 call reporting a civilian passed out at building 8401. Medical responders transported the individual to Lompoc Hospital for chest pains.

## Slow Your roll – 2:41 p.m.

Patrolmen initiated a traffic stop on Pine Canyon Road at Utah Avenue for excessive speed. It was later discovered the individual had a suspended license and three warrants out for his arrest. Santa Barbara County sheriffs responded and apprehended the man.

# This week in history...

COMPILED BY AIRMAN 1ST CLASS JUANIKA GLOVER  
30th Space Wing Public Affairs

## August 1

**1914** – The first world war erupts four days after Austria-Hungary declared war on Serbia, and Germany and Russia declare war against each other. The war that ensued was one of unprecedented destruction and loss of life, resulting in the deaths of some 20 million soldiers and civilians.

## August 2

**1909** – The Wright Military Flyer is formally accepted as the Army's first airplane.

**1939** – From his home in Long Island, New York, German-born physicist Albert Einstein writes to President Franklin Roosevelt, urging 'watchfulness and, if necessary, quick action' on the part of the United States in atomic research.

## August 3

**1904** – The first circuit flight of an airship is made by Capt. T.S. Baldwin.

**1958** – The United States nuclear submarine Nautilus accomplishes the first undersea voyage to the geographic North Pole. As the world's first nuclear submarine, the Nautilus dived at Point Barrow, Alaska, and traveled nearly 1,000 miles under the Arctic ice cap to reach the top of the world.

## August 4

**1914** – As World War I erupts in Europe,

President Woodrow Wilson formally proclaims the neutrality of the United States; a position a vast majority of Americans favored. However, Wilson's hope that America could be 'impartial in thought as well as in action' was soon compromised by Germany's attempted quarantine of the British Isles.

## August 5

**1858** – After several unsuccessful attempts, the first telegraph line across the Atlantic Ocean is completed, a feat accomplished largely through the efforts of American merchant Cyrus West Field.

**1954** – The first Boeing B-52A made a 78-minute maiden flight.

## August 6

**1945** – The United States becomes the first and only nation to use atomic weaponry during wartime when it drops an atomic bomb on the Japanese city of Hiroshima.

## August 7

**1782** – General George Washington, the commander in chief of the Continental Army, creates the 'Badge for Military Merit,' a decoration consisting of a purple, heart-shaped piece of silk, edged with a narrow binding of silver, with the word Merit stitched across the face in silver. The badge was to be presented to soldiers for 'any singularly meritorious action' and later became known as the 'Purple Heart.'

# Around the Air Force

## JEFX analyzes battlespace chain reactions

By 1st Lt. Corinna Jones  
*Joint Expeditionary Force Experiment  
2004 Public Affairs*

■ Sun Tzu once said, "If you know the enemy and know yourself, the victory is not at risk."

The strategy division of the Combined Air and Space Operations Center here is giving Sun Tzu's strategy a whole new meaning with a new operational assessment tool being used as part of the Effects-based Operations and Predictive Battlespace Awareness Prototype, one of the 2004 initiatives.

JEFX is an Air Force chief of staff-sponsored experiment that assesses new and emerging technologies.

The prototype initiative provides new capabilities and machine-to-machine information flow between intelligence preparation of the battlespace, targeting, information collection management and intelligence, surveillance and reconnaissance management tools. The operational assessment tool is a comparatively simple concept that is being used to help assesses the probability of achieving commanders' objectives by allowing warfighters to assess the effects of a target before executing the mission.

According to Maj. Stewart Greathouse, operational assessment team deputy chief, three steps are historically used in target planning: plan, execute and observe. During JEFX 04, the strategy plans division is adding a fourth step, analyze, assess and recommend, to the process. The operational assessment tool falls into the assess portion of the process.

"With this tool we can see if the results of our actions are good," he said. "If the assessment doesn't

match the plan then we go back to the beginning. We want to predict with greater accuracy and pinpoint what moments will be decision-making opportunities."

Though the concept is basic, the tool is a complex, computer-generated chart connecting all assets of the enemy, including command and control, air, ground and nautical support. When a target is hit, the chart computer considers the impact so warfighters can decide if the mission will result in the desired effect and if the target is a proportional response.

"This tool allows you to outline your thoughts and use a mathematical process to come up with a model of the enemy's system," Major Greathouse said. "We can track a decision from beginning to end and try to assess what the results of our actions will be and predict what would happen in a real scenario."

Unlike most of the tools being used to help test initiatives during JEFX, the operational assessment tool is not a machine-to-machine concept. It is intelligence-based and requires intelligence professionals and mathematicians to enter the data into a main database. The end result is a chart that visually shows which targets will have the most impact and the chain reaction of each target.

## Three Air Force athletes competing in Olympics

By Samantha Quigley  
*American Forces Press Service*

■ After years of hard work, only days remain before three Air Force athletes will compete at the 2004 Summer Olympic Games in Athens.

Thousands of athletes have begun arriving and checking into the Olympic Village, with opening ceremonies scheduled for Aug. 13.

2nd Lt. Seth Kelsey, 22, of Brush

Prairie, Wash., will compete in the men's epee fencing event. He is a 2003 graduate of the U.S. Air Force Academy, where he earned a degree in behavioral science. The lieutenant has earned Senior "A" World Cup bronze medals in Tallin, Estonia, in 2002 and Havana in 2003.

Capt. Kevin Eastler, 26, of Framington, Maine, will compete in the 20-kilometer race walk during the track and field portion of the games. He graduated from the U.S. Air Force Academy in 1999 with a degree in mechanical engineering. While he placed second in the 2000 Olympic trials, he was denied a spot in the games because he failed to earn an "A" qualifying time. At this year's trials he placed third with a time of 1:28:49.

1st Lt. James Parker, 28, of Great Falls, Mont., is also competing during the track and field portion of the games. The lieutenant will compete in the hammer throw. He majored in exercise science at Utah State, where he was a state discus champion and two-time state shot put champ. Lieutenant Parker placed first in the 2004 Olympic trials and was the 2003 USA Outdoor champion.

## Airmen begin hurricane-hunting season

By Donna Miles  
*American Forces Press Service*

■ "Hurricane Hunters" from the Air Force Reserve's 53rd Weather Reconnaissance Squadron completed their final mission tracking Hurricane Alex late Aug. 3, but are already on the trail of a tropical storm in the Lesser Antilles.

Meanwhile, people from the North Carolina National Guard's 690th Maintenance Battalion are providing emergency resupply and evacuation support along the state's Outer Banks, the area hardest-hit by Hurricane Alex.

Six-person crews from the 53rd

## Checking out the scenery



PHOTO BY MASTER SGT. MIKE AMMONS

PANAMA CITY, Fla. — A formation of 325th Fighter Wing F-15 Eagles and an F/A-22 Raptor fly above Panama City, Fla. The Raptor will eventually replace the F-15 Eagle in the Air Force inventory.

Weather Reconnaissance Squadron began their first mission of the season July 31, at the request of the National Weather Service, according to Air Force Tech. Sgt. James Pritchett, a spokesman for the 403rd Wing at Keesler Air Force Base, Miss. At the time, Alex was still a tropical depression east of the Bahamas.

Sergeant Pritchett said the squadron flew its C-130 Hercules aircraft nearly around-the-clock out of Homestead Air Reserve Base, Fla., launching every six hours for missions that typically lasted eight to 12 hours.

"When one plane came back, another one was going out," Sergeant Pritchett said.

Lt. Col. John Talbot, a weather officer for the squadron, said the initial mission for Hurricane Alex was a "low-level invest," flown about 1,000 feet above the ocean's surface. At the height of the storm, Colonel Talbot said the crews encountered winds averaging just more than 100 mph.

During the missions, the aircraft crisscross the hurricane in what Colonel Talbot called an "alpha pattern," using onboard instruments and small "dropsonde" canisters dropped by

parachute to provide the most accurate measurements of the storm's location and intensity. The canisters relay details about barometric pressure, wind speed and direction and other measurements to the aircraft during their descent until they hit the water, the colonel said.

The aircrews consist of an aircraft commander and co-pilot, flight engineer, navigator, weather officer and dropsonde operator. They fly through rough turbulence and heavy rains during the missions, Colonel Talbot said. The heaviest turbulence occurs in the "eye wall," the circular area directly around the hurricane's eye, he explained.

"We'll be busy now through September," he said.

## Airman gored by bull calls it 'all in a day's work'

By 1st Lt. Nicole Walters  
*90th Space Wing Public Affairs*

■ The bullfighter stands focused: four hooves, two 18-inch horns and 2,000 pounds of bull attempting to buck its rider is charging wildly toward him.

In this case, 1st Lt. Jeremy

Sparks is the target. Unlike a Spanish version with a red cap and tights, the lieutenant is the western bullfighter responsible to protecting cowboys. Some may call them rodeo clowns, but to rodeo experts, they are bullfighters.

Lieutenant Sparks, who is a missileer assigned to the 90th Space Wing here, recently remembered why bullfighting is not the safest of sports regardless of the version. He was gored July 24 and kicked in the head July 28 during Cheyenne Frontier Days where he has been bullfighting for three years.

Because Lieutenant Sparks wears protective padding, the bull's efforts were in vain. He walked away with mere scratches.

"We take all the precautions we can and are proud to protect the cowboys on the bulls," he said.

"I get to represent the Air Force in a unique way," said Lieutenant Sparks, who is the Air Force's only sponsored bullfighter.

He said being a bullfighter is a lot like being in the Air Force. There's a job to be done, a mission to remain focused on and people to keep safe. He proudly wears the Air Force logo to remind crowds of the Air Force and its mission.



## Western Development Division key to missile development

By CAPT. TODD FLEMING  
30th Space Wing Public Affairs

On Oct. 4, 1957, the world changed forever. That's the day a basketball-sized piece of metal called Sputnik began broadcasting from space.

People in this nation reacted in different ways. Some were terrified fearing the Soviets would soon have mastery over space and start bombing us. Others were inspired, as witnessed in the huge spike in engineering students across the nation.



FILE PHOTO

A Titan ICBM launches from Vandenberg during the Cold War.

America mobilized and prepared to meet the challenge. Soon, the U.S. would not only meet the challenge, but would take the lead in the space race thanks in large part to the work of the Air Force's first space organization, the Western Development Division.

By the time Sputnik was launched, the Western Development Division was already well on its way to making history in its goal of developing and fielding an intercontinental and intermediate range ballistic missile force.

The team, which was later designated the Air Force Ballistic Missile Division, stood up in July 1954. Command of the division fell to Brig. Gen. Bernard Schriever who was given considerable authority over research, development and procurement.

General Schriever assembled a military and industrial dream team that envisioned, engineered, produced and deployed the Atlas, Thor, Titan, and Minuteman ballistic missile systems. What that team was able to accomplish in a few short years was truly remarkable, especially considering that acquisition of a major weapon system normally takes at least a decade. The team concurrently developed and fielded everything required for an operational ICBM fleet, including launch sites, ground equipment, and tracking facilities. The team moved mountains and, starting from scratch, developed and deployed a credible ICBM fleet in just a few short years.



FILE PHOTO

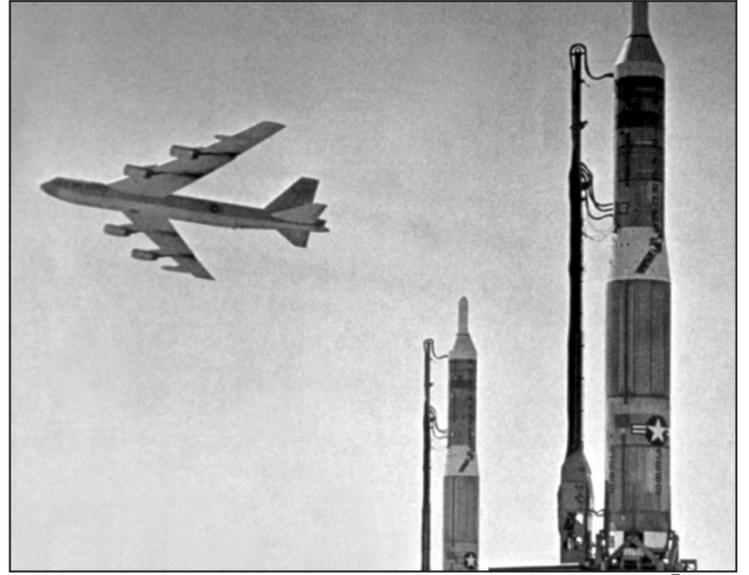
The Western Development Division was tasked with the Air Force's initial space activities and was the precursor to many of today's Air Force Space organizations including the Space and Missile Systems Center, Air Force Space Command and the Air Force Research Laboratory. Not only did it field the first ICBM fleet, it also had the responsibility for the first military satellites.

Thanks in part to the division's activities, the fear generated by Sputnik and the initial Soviet space advances was soon replaced by national enthusiasm and commitment evidenced in President Kennedy's challenge to put a man on the moon by the end of the decade. Noting the achievements made by the Western Development Division, General Schriever became the only man to have an Air Force base named after him while still living.

During the Cuban Missile Crisis in 1961, President Kennedy acknowledged the importance of the ICBM to this nation's defense. It was the nation's ICBM fleet, particularly the Minuteman, his "ace in the hole" as he referred to it, that enabled him to force the Soviet Union to back down. If the United States did not have that capability, some believed the situation would have escalated even further.

The launch of a Minuteman III last week was a testament to the amazing accomplishment of General Schriever's team. More than forty years after the first Minuteman launch, it's still part of our defensive arsenal and it still stands guard over our nation.

With this history in mind, it's not surprising that the Air Force looks to 1954 as the start of its space history. The work of the Western Development was truly the start of fifty years of space and missile excellence for both the Air Force and the nation as a whole.



FILE PHOTO

The Titan ICBMs and B-52 Stratofortress are symbols of America's Cold War heritage.



FILE PHOTO

Vast tunnel systems linked missile silos during the Cold War.

# Destinations

# CENTRAL COAST

SPACE & MISSILE TIMES

Aug. 6, 2004

## Waller Park offers loads of fun for pets, people

By Capt. Todd Fleming

30th Space Wing Public Affairs

If you're looking for hordes of ducks waiting to be fed or a place to run your dog, then Waller Park in Santa Maria is for you.

We recently moved to this area from Dayton, Ohio, where we had a small pond near our home. Our girls loved to feed the ducks in that pond.

Their first question to us upon getting to California was, "Where is Disneyland?" since the kids were convinced the only reason we were moving to California was because this is where Mickey lives. But, the second question was "Where are the ducks?"

The answer, we discovered a couple weeks later, is Waller Park. Armed with a bag full of bread and a neighbor's recommendation, we headed to the park. We were greeted at one of the park's two lakes by scores of ducks of every variety known to man. There were regular ducks, ducks that look like chickens and turkeys, big grey ducks (or geese), big white ducks, and a variety of other waterfowl that defy description. And they were all there waiting for kids to come along and provide a free meal. I also noticed a few kids fishing in the lakes, but I'm not sure they were catching anything.

After feeding the ducks, we headed over to one of the park's many play areas, where the kids got in some quality swing and slide time. The play area near the lake at the entrance to the park is



PHOTOS BY CAPT. TODD FLEMING

Hannah Fleming, 4, offers a peice of bread to winged residents of Waller Park. The park is home to various species of birds. There is also a fenced in field called Woof Park reserved for dogs to run free.

big enough that it can absorb a lot of kids. And there are plenty of benches around both in the sun and in the shade for parents to sit and stay out of the way.

For us, no trip to Waller Park is complete without also heading to the dog areas. The park has two fenced in fields reserved for dogs to run free, appropriately called Woof Park. One of the areas is

for small dogs and the other is for not so small dogs. Our dog, an 85-pound German Shepherd named Ilsa, falls into the latter category. On our last visit on a Sunday evening, there were about ten other dogs in the area including a few Labradors, a Boxer, and a couple of Border Collies.

The dogs roll around and

chase each other and generally have a great time while their owners standby and watch.

The park provides plenty of tennis balls to throw for the dogs, some bright red fire hydrants, and clean-up equipment should the need arise. There's even a dog water fountain. When we get home, Ilsa happily collapses on the floor and takes a nap.



Hannah, 4, Rachel, 3, and Abigail Fleming, 1, feed ducks at Waller Park. Along with a pond, the park also offers play areas for children and plenty of open space for pets to play.

### Directions

From Vandenberg, take Highway 1 into Santa Maria. Take the Santa Maria exit. The road turns into Broadway Boulevard and Waller Park is on the left.

It's the ideal solution to exercising your dog, especially if you have little ones at home who think one of their missions in life is to feed the dog treats.

All in all, Waller Park has 153 acres of picnic areas, playgrounds, ball fields, basketball and volleyball courts, and something called a Frisbee disc golf course. There's even a

spot set up to provide pony rides.

In all of the places we've lived, Waller Park is the nicest park we've had the opportunity to live near. It's extremely well kept and never seems to get overly crowded. Based on the number of requests we get each week to go there, our kids give it two thumbs up. Ilsa gives it two paws up.

## Community Calendar

6 FRI

**"B-I-N-G-O Spells Murder"** - Lompoc Civic Theater, Aug. 13 and Sept. 3. The Alpha Club in Lompoc. Tickets are \$25 per person and include dinner. To make reservations, call 735-2281.

**Santa Maria Improv Team** - Adults 18 or older call (805) 474-8954 or e-mail [mpassarelli@charter.com](mailto:mpassarelli@charter.com) to join the team.

**The Maverick Saloon** - Live music weekends. 510 South Broadway St., Santa Maria. Call (805) 922-9002 for more information.

**Equal Singles 60 Plus** - A non-smoking group for all 60 plus adults who enjoy various activities including, tennis, golf, dancing, theater, travel, cards and dining. Call (805) 489-5481 or e-mail [degell@juno.com](mailto:degell@juno.com) for membership information.

**Healthcare volunteers** - The San Luis Obispo County Health Department is looking for volunteers in several locations. Call (805) 781-5107 to volunteer.

**CASA volunteers** - Court Appointed Special Advocates provides volunteer advocates for children who have been removed from their homes due to abuse and neglect. Call Becky Reid at (805) 739-9102 for more information or sign up.

**Red Cross volunteers** - Call Pat Nuth at 605-0042 or e-mail [tesee1@juno.com](mailto:tesee1@juno.com) for more information or to sign up.

**Library volunteer tutors** - The Lompoc Public Library Adult Reading Program needs volunteers to work with English-speaking adults who want to improve their basic reading and writing skills. Call (805) 735-7323, ext. 16 for more information or to register.

**Low walk-up fares** - American Airlines expanded its military fares through the fall. The fares include no advance-purchase requirements and no change fees. Call (800) 433-7300.

**Rancho de Guadalupe Historical Museum** - 1 to 3 p.m. Saturdays and Sundays or by appointment. Call (805) 343-5901 for more information.

**Stinky's Bar and Grill** - DJ and dancing 9 p.m. Saturdays. 2430 South Broadway St., Santa Maria.

**Military Parents of the Central Coast** - 6:30 p.m. the first Monday of each month at United Methodist Church. 1515 Fredericks St., San Luis Obispo. Call Janice Somers at (805) 549-9199 or Sharon Livsey at (805) 544-3930 for more information.

**Computer resource room** - 8 a.m. to 4 p.m. Monday through Friday in the family support center. Computers are available to those who need access to the Internet for job searches, relocation assistance, or to stay in touch with family separated by military service.

**Word Wizards** - 7 p.m. Tuesdays. 519 West Taylor St., Santa Maria. Writers of any genre meet for reading and critiquing. Call (805) 929-2140 for more information.

**Star performers at Bill's Place** - 7 to 10 p.m. Tuesdays. 112 East Branch St., Arroyo Grande. Call (805) 489-9989 for more information.

**Santa Maria Men's Newcomers Club** - 9 a.m. the second Tuesday of each month. 1405 East Main St., Santa Maria. Call Maria Del Sol at (805) 937-1191 for more information.

**Disabled American Veterans** - 9 a.m. Tuesdays in the Lompoc Veterans Memorial Building. 108 East Locust St., Lompoc. Rides are available to various appointments. Call Dan Contreras at (310) 477-2539 for more information.

**Youth sign language classes** - 3 to 3:30 p.m. Tuesdays and Thursdays at the education

center room E-4. The class is for children in third through fifth grades. Call 734-0452 for more information.

**11 WED Super Kids Fitness Club** - 2 to 4 p.m. Wednesdays through Aug. 18 at the health and wellness center. The club is for children ages 10 to 13. To sign up, call 606-2152 or register at the youth center

**Reggae night** - Wednesdays at the Frog and Peach Pub. 728 Higuera Rd., San Luis Obispo. Call (805) 595-3764 for more information.

**Central Coast Chapter of the Society of Military Widows** - 1 p.m. the second Wednesday of each month in the retirees' center here. Call (805) 937-6747 for more information.

**4 WED Baby Meet** - 9 to 10 a.m. Wednesdays in the Vandenberg Library. Participants should use the staff entrance. The group meets for discussion and socialization for expectant parents and those with babies, newborn through two years old. Call 734-6606 for more information.

**Special needs information network** - 6:30 to 7:30 p.m. the third Wednesday of each month at the library. Call 734-2282 for information.

## Movie



## Corner

### BASE THEATER

**WHITE CHICKS PG-13**  
7 p.m. TONIGHT,  
**THE NOTEBOOK PG-13**  
7 p.m. SATURDAY  
**NO SHOWING**  
SUNDAY

**Hi-Way Drive-in**  
Santa Maria Ph. 937-3515

**THE VILLAGE PG-13**  
**I, ROBOT PG-13**  
DAILY 8:30 p.m.

### Movies Lompoc

**THUNDERBIRDS PG**  
DAILY 2:15 p.m., 4:45 p.m.  
SAT-SUN 11:45 a.m. (Ends 8/10/04)  
**COLLATERAL R**  
DAILY 2 p.m., 4:30 p.m., 7 p.m. and 9:30 p.m.

SAT-SUN 11:30 a.m.  
**I, ROBOT PG-13**  
DAILY 7 p.m. and 9:30 p.m.  
SAT-SUN 11:30 a.m. (Ends 8/10/04)  
**THE BOURNE SUPREMACY PG-13**  
DAILY 2 p.m., 4:30 p.m., 7 p.m. and 9:30 p.m.  
SAT-SUN 11:30 a.m.  
**LITTLE BLACK BOOK PG-13**  
DAILY 2 p.m., 4:30 p.m., 7 p.m. and 9:30 p.m.  
SAT-SUN 11:30 a.m.  
**THE PRINCESS DIARIES 2 (Starts 8/11/04)**

### Movies Gemini

**THE MANCHURIAN CANDIDATE R**  
DAILY 2 p.m., 4:30 p.m., 7 p.m. and 9 p.m.  
SAT-SUN 11:30 a.m.  
**THE VILLAGE PG-13**  
DAILY 2 p.m., 4:30 p.m., 7 p.m. and 9 p.m.  
SAT-SUN 11:30 a.m.

### Parks Plaza Buellton

**THE MANCHURIAN CANDIDATE R**  
DAILY 2 p.m., 4:30 p.m., 7 p.m. and 9:30 p.m.  
SAT-SUN 11:30 a.m.  
**THE BOURNE SUPREMACY PG-13**  
DAILY 2 p.m., 4:30 p.m., 7 p.m. and 9:30 p.m.  
SAT-SUN 11:30 a.m.  
**DELOVELY PG-13 (Ends 8/10/04)**  
DAILY 2:15 p.m., 4:45 p.m., 7:15 p.m. and 9:30 p.m.  
SAT-SUN 11:45 a.m.  
**COLLATERAL R**  
DAILY 2 p.m., 4:30 p.m., 7 p.m. and 9:30 p.m.  
SAT-SUN 11:30 a.m.  
**THE VILLAGE PG-13**  
DAILY 2 p.m., 4:30 p.m., 7 p.m. and 9:30 p.m.  
SAT-SUN 11:30 a.m.  
**THE PRINCESS DIARIES 2 (Starts 8/11/04)**

General Admission \$7.50; children and seniors \$5.50; shows before 5:30 p.m. \$5.50. Movies and times subject to change.

## Chapel Services & Events

Call 606-5773 for other denomination worship services and events.

### WORSHIP SERVICE TIMES

**Sunday**  
8:30 a.m. Praise and Worship, Chapel 2  
10 a.m. Catholic Mass, Chapel 1  
11:30 a.m. Traditional Protestant, Chapel 1  
11:30 a.m. Gospel, Chapel 2

**Monday - Friday**  
11:30 a.m. Catholic Mass, Chapel 2  
**Saturday**  
5 p.m. Catholic Mass, Chapel 2

**Know how to make a Caramel Frappuccino?**

Volunteers are needed at the G.I. Java. Call 606-5773 for details.

