

LOOK FOR THE PHOTO CAPTION CONTEST IN NEXT WEEK'S OBSERVER

Peterson Air Force Base, Colorado

SPACE OBSERVER

Thursday, June 2, 2005 Vol. 49 No. 22

Air Show players work hard behind scenes

By Tech. Sgt. Matt Gilreath

21st Space Wing Public Affairs

Excitement and a sense of urgency loom in the air. The stage is finally set and the hard work and training of Team Pete members and the local community is ready to be put to the test. They stand ready to take on the challenge of the massive coordination effort to please the estimated 100,000 people who will attend the Peterson Front Range Air and Space Day Air Show Saturday.

Technical Sgt. Mike Cyr, 21st

Operations Support Squadron deputy chief air field manager and Tech. Sgt. Danny Schneeweis, 21st OSS chief of airfield management operations agreed that timing and coordination is everything to pull off this event.

"We're just tenants using the Colorado Springs air field," Sergeant Cyr said. "Unlike other bases who actually own the flightline, every aircraft demonstration has to be coordinated with the Federal Aviation Administration so we don't disrupt commercial aircraft entering and leaving the CSAP.

"Peterson has a great relationship with the CSAP and that really makes things easy," Sergeant Schneeweis said. "It's really a team effort."

Sergeant Cyr said they will have to be on their toes to keep safe distances between arriving and departing aircraft.

"There is very little ramp space for us to park aircraft," Sergeant Cyr said. "When one plane lands, we'll have to make sure one is rolling out so we have a place for it to park."

With a huge crowd and aerial demonstrations, there is always a potential for accidents. The Peterson Fire Department has coordinated with the Colorado Springs Fire Department and the 21st Medical Group to handle whatever situation comes their way.

"Communication is key and will be our biggest challenge," Master Sgt. Tony Johnson, 21st Civil Engineer Squadron deputy fire chief said. "The



Photo by Tech. Sgt. Matt Gilreath

Master Sgt. Tony Johnson, 21st Civil Engineer Squadron deputy fire chief, briefs fellow firefighters on their role during the air show.

firemen and trucks will be dispersed at different locations on the flight line so they can provide immediate protection. They have been studying the technical orders on all the different aircraft that will be at the show so they can respond."

Sergeant Johnson said the firemen have also attended a weapons of mass destruction class.

One of the biggest concerns of any base having an open house or air show is base security. Members of the 21st Security Forces Squadron are on target to handle any situations that may arise.

Airman 1st Class Jason Brown, 21st SFS apprentice said security forces will provide aircraft security and control

civilian and military entrance on to Peterson.

"We will do random vehicle inspections and inspect people's bags and purses to make sure we have a safe air show," Airman Brown said.

"We will be the first ones people see when they enter Peterson and we want things to run smoothly," Airman Brown said. "There will be more patrols around the base and we will be vigilant in the protection of our resources."

Even with all the hype of the Thunderbirds and other aerial demonstrations, the people behind the scenes and their efforts will make the Front Range Air and Space Day a success.



Photo by Tech. Sgt. Matt Gilreath

Tech. Sgts. Mike Cyr and Danny Schneeweis, 21st Operations Support Squadron, plot aircraft parking spaces for the upcoming air show.

Spring weather reminds us to prepare for safe, fun wilderness

By Master Sgt. Jeff Bohn

90th Space Wing Public Affairs

(This is the second article in an AFSPC News Service series on safety for the 101 Critical Days of Summer between Memorial Day and Labor Day weekends.)

F.E. WARREN AIR FORCE BASE, Wyo. - Spring weather is flirting with sportsmen much like a fickle prom queen, and Mother Nature is playing havoc with the psyche of novice tenderfoots as well as outdoor gurus. From Montana's "sun-today, snow-tomorrow forecasts," to California's "when will

wild-fire season start," it's a wonder anyone can focus toward breaking the weather doldrums and plan one's day off.

There are some things outdoors men and women can do during the final month of weird spring weather to plan for safe enjoyment of the wilderness. Eight suggestions follow to get the cobwebs out of the cellar and put some cautious zeal into recreationalists' warm-weather plans.

1) Take an education course. Check with your state's Department of Game and Fish for hunter and bow *See Safety, Page 9*

Thunderbirds to perform at Peterson Air Show!

Photo by Tech. Sgt. Sean M. White

The U.S. Air Force Thunderbirds will perform aerial demonstrations for an estimated 100,000 people at the air show on Saturday.

INSIDE
Air Show
Section

Front Range Air and Space Day Air Show - Saturday



21st Maintenance Group welcomes new commander

By Senior Airman Shawn Clements

21st Space Wing Public Affairs

Colonel Lyman Faith assumed command of the 21st Maintenance Group from Col. Gary Pond during a change of command ceremony May 24.

Brigadier Gen. Richard Webber, 21st Space Wing commander presided over the ceremony.

After the presentation of the colors, the national anthem and the invocation, General Webber stepped forward to deliver his comments. "The maintenance group is the wing's smallest group, but in many ways it's the mightiest," General Webber said. "When you look at where they started, when you look at where they've come and you look at the resources they have to do their job, it is truly amazing."

Colonel Pond, who is moving on to the 82nd Training Group, Sheppard Air Force Base, Texas, then took the stage to say his thanks.

"This is really a sad day for me, I'm excited about going, but I've made a lot of friendships since I've been here," Colonel Pond said. "It seems like just yesterday I took command of this great group."

"To the maintenance group, thank you all very much for your professionalism, support and your confidence in me, it really made the job easy," Colonel Pond said. "I urge you to give Colonel Faith the same respect and confidence that you showed to me. Thank you for what you've done."

Colonel Faith joins the 21st MXG and Team Pete from the 341st MXG, Malmstrom AFB, Mont., where he was the deputy commander.

After the maintenance group guidon changed hands signifying the change of command was complete, Colonel Faith took the podium for his comments.

"I appreciate this opportunity to command, I consider it the greatest opportunity an officer can have," Colonel Faith said. "In the crowd, I see many faces that I recognize and being back in the 21st SW is a true home coming."

"The greatest changeover an incoming commander can have is an outstanding organization," Colonel Faith said. "To the men and women of the 21st MXG, in the next several months we will face many challenges, as we perform the mission and as we meet these challenges, I pledge to you that I will give you my best."



Photo by Senior Airman Shawn Clements

Colonel Lyman Faith, 21st Maintenance Group commander, accepts the 21st MXG guidon from Brig. Gen. Richard Webber, 21st Space Wing commander, at the Peterson Air and Space Museum.

Action Line

Submitting Action Lines

The Action Line is a direct link to the 21st Space Wing commander. It should be used when other avenues have failed. Concerns should be addressed at the lowest possible level in the chain of command and elevated as necessary.

If satisfactory results have not been attained by addressing the chain of command, call the Action Line at 556-7777 or fax 556-7848.

Question: Why does the Air Force Form 2293, U.S. Air Force Motor Vehicle Identification Card, require first name, middle initial, last name, sex, height, weight, date of birth, social security number, color of hair and eyes, and my signature? With all of the identity theft going on and all of the precautions we as American's and military personnel take, I question the format of the AF Form 2293. My government ID card only has my name and I get on base with this. It

doesn't have my personal information. Can you please check into this and see if there is any way to eliminate the personal information without jeopardizing the integrity of the government vehicle program?

Answer: The Air Force uses the Consolidated Air Force Integrated System to issue government driver's licenses. The system is outdated and has undergone several attempts to update. It will not allow the operator to bypass any of the personal information fields when issuing a license. Additionally, privacy act information must be entered because of the stipulations in Air Force Instruction 24-301, Vehicle Operations. The Logistic Integrated Asset Management System is slated to replace CAFIS. It is being tested at present and will provide more flexibility. However, LIAMS will still need a unique identifier for each driver. The Air Force's current plans are to use the social security number as that unique identifier. Until the LIAMS sys-

tem comes on line and AFI 24-301 deletes the requirements for this personal data, we are required to gather this information prior to issuing a government drivers license. If you have further questions, call Harvey Rich at 556-4719.

Question: When the gym parking lot was repaved, why weren't motorcycle parking spots marked? Every time I go to the gym there are at least two or three motorcycles taking up full spaces. Just taking one normal size spot marked for motorcycles can fit three or four motorcycles saving other spots for cars.

Answer: Thank you for your inquiry about motorcycle parking in the fitness center parking lot. After investigating we found that the current painting plan does not include motorcycle parking. A work order will be accomplished to provide motorcycle parking on the northeast end of the parking lot. If you have further questions, call Sharon Duell, at 556-8069.

A Moment in Time

May 31, 1941

Maj. Gen. George H. Brett appointed Chief of Air Corps.

June 3, 1959

The U.S. Air Force Academy graduates the first class of 207 graduates. Two hundred and five receive commissions as regular officers in U.S. Air Force.

June 2, 1970

U.S. Air Force Southern Command begins massive disaster relief operations for victims of a devastating earthquake in Peru that killed 70,000 and left 800,000 homeless. Crews airlift 1.5 million pounds of cargo and 2,827 passengers.

SPACE OBSERVER

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Top Det. 4 AFOTECers honored at annual awards banquet

By Senior Master Sgt. Kevin Ott
Air Force Operational Test and Evaluations Center
Detachment 4

The Air Force Operational Test and Evaluation Center is filled with many talented men and women; officers, NCOs, civil service professionals and contractors all committed to excellence.

These hard working and dedicated military and civilian team members produce positive impacts throughout the acquisition community through their tireless work across the center, to include Peterson Air Force Base's Detachment 4. With six operating locations from the East Coast to the West Coast, Det. 4 performs independent operational testing of space, missile and missile defense capabilities in the battlespace environment for the warfighter.

Major Gen. Felix Dupré, AFOTEC commander, hosted an annual awards banquet on Feb. 24 at Kirtland AFB, N.M., to recognize the top military and civilian members who performed their duties and responsibilities and served their communities in a continually outstanding manner throughout 2004.

The evening began with a pre-ceremony reception where each of the record number of 57 nominees received special medallions. After the pre-ceremony reception, each of the nominees entered the Mountain View Club ballroom through an honorary saber guard made up of AFOTEC members from throughout the center.

Richard Toliver, one of the first five African American F-4 pilots, was the special guest speaker.



Courtesy Photo

AFOTEC annual award winners with Maj. Gen. Felix Dupré, AFOTEC commander, and Chief Master Sgt. Ronald Roy, AFOTEC chief enlisted manager.

The evening culminated with the announcement of the names of the eight AFOTECers deemed the "very best of the best." Three winners were from "Team Pete's" Det. 4: Tech. Sgt. Alfred Rhodes III, NCO in-charge of systems engineering, NCO of the Year; Mary Ann Lytle, computer assistant, Category III Civilian of the Year; and Capt. Tyler Green, test director for space-based radar, Company Grade Officer of the year. Sergeant Rhodes is now competing at the Air Force District of Columbia for the 12 Outstanding Airmen of the Year competition.

Three other Det. 4 members were nominated to AFOTEC headquarters annual award competition; Master Sgt. Kenneth Cassidy, chief of wideband gap-filler satellite command and con-

trol testing, Senior NCO of the Year; Mrs. Vickie Schaffer, budget analyst, Category IV Civilian of the Year; and Maj. Victor Hammock, test director, Field Grade Officer of the Year.

Eight other Det. 4 members were recognized as AFOTEC winners for several Air Force special annual awards.

Captain Heather Uhl, Lt. Gen. Leo Marquez Communications-Electronics Maintenance CGO of the Year Award; Senior Master Sgt. Kevin Ott, Lt. Gen. Leo Marquez Communications-Electronics Maintenance Supervisor Manager of the Year Award and the Tuskegee Airmen National Military Chief Master Sgt. Fred Archer Award.

Senior Master Sgt. Paul Langford, Communications-Computer Systems Outstanding Senior NCO of the Year;

Tech. Sgt. Rhodes, Communications-Computer Systems Outstanding NCO of the Year, the Tuskegee Airmen National Military Senior Master Sgt. Margaret Francis Barbour Award, and the Lance P. Sijan Junior Enlisted Leadership Award;

Tech. Sgt. Jesse Brosig, Communications Electronic Systems Outstanding NCO of the Year; Staff Sgt. Madelyn Payne, Information Management Outstanding NCO of the Year; Master Sgt. Daniel Hermanson, Brent Scrowcroft InterContinental Ballistic Missile Space & C3I Award; Master Sgt. Noel Nieves, Military Personnel Manager of the Year, Unit Level and Master Sgt. James Mills, Unit Training Manager of the Year.

According to AFOTEC's commander, "the organization's vision to be a world-class operational test agency can only be realized through the hard work and expertise of every member of AFOTEC."

The AFOTEC Annual Awards Banquet celebrated the center's outstanding performers who represent the highest ideals of personal and professional dedication and commitment to a team vision.

All members of Det. 4 had a "banner year" in 2004. During AFOTEC's first ever Air Force Inspection Agency Unit Compliance Inspection, the detachment led all AFOTEC units, achieving the only "outstanding" rating across the entire center. Colonel Dennis Miller, Det. 4. commander, said "we raised the bar across the board and everyone has met and exceeded their challenges. I couldn't be prouder of all of our Det. 4 family."

Critically manned career fields given edge to fill NCO slots

WASHINGTON — Airmen in 17 Air Force specialties will be given a leg up for promotion this year in an attempt to fill manning shortfalls in their career fields.

As part of the chronic critical shortage skills program, Airmen testing for staff, technical or master sergeants during the 2005 promotion cycle, and who are in 17 career fields, will be promoted at 1.2 times the Air Force average.

For example, if the Air Force average for a particular promotion is 15 percent, then the critical skills would be promoted at a promotion rate of 18 percent. Career fields are considered for placement on the list when the number of staff, technical and master sergeants is below and projected to remain below 90 percent, said Reese Lang, the Air Force enlisted skills

manager. Once placed on the list, the specialty remains on it for at least two years and until noncommissioned officers manning in the career fields is above 95 percent.

"Basically this is to help these career fields that have NCO shortages," Mr. Lang said. "And this is done every year for the NCO promotion cycle. It is part of the promotion cycle."

Specialties on the 2005 list are:

- Loadmaster (1A2X1).
- Airborne Communications and Electronics Systems (1A3X1).
- Airborne Battle Management (1A4X1X).
- Airborne Cryptologic Linguist (1A8X1X).
- Air Traffic Control (1C1X1).

- Combat Control (1C2X1).
- Command Post (1C3X1).
- Aerospace Control and Warning Systems (1C5X1X).
- Space System Operations (1C6X1).
- Intelligence Applications (1N0X1).
- Imagery Analysis (1N1X1).
- Network Intelligence Analysis (1N4X1).
- Electronic Signals Intelligence Exploitation (1N5X1).
- Electronic Systems Security Assessment (1N6X1).
- Pararescue (1T2X1).
- Weather (1W0X1X).
- F-16, F-117, RQ-1, CV-22 Avionics Systems (2A3X2).

Front Range Air and Space Day

Air Show

is Saturday





Retiree Appreciation Day

June 18
at the
U. S.
Air Force
Academy



Photo by Staff Sgt. Lonnie Sweat

Cha ching!

Technical Sgt. Hector Jasso, 13th Space Warning Squadron communications quality assurance evaluator, uses the newly dedicated and only automated teller machine at Clear Air Force Station, Alaska. Sergeant Jasso was the first person to use the ATM.

Parking lot closures set

Pavement milling work throughout the installation will require parking lot closures and restrict traffic on Paine Street. The parking lots affected will be; the post office, military clothing sales, and the fitness and aquatics centers. There will be one-way traffic on sections of Paine Street. For information, call Daniel Yocum at 556-1833.

Legal office requests volunteers

The 21st Space Wing legal office staff needs volunteers at 10:30 a.m. and 1:30 p.m. Wednesdays to witness and sign wills at the base legal office in Building 350. Volunteers must be at least 18 years old. For information, call 556-1710.

Right decision workshop available

Right decision workshops are mandatory for first-term Airmen and highly encouraged for second-term Airmen who are 12 to 15 months from their military separation date. Anyone is welcome to attend and spouse attendance is encouraged. The workshop is about information – the most current information on benefits and career options to help members make informed career decisions. For information or to schedule a class date, call 556-9226.

YMCA offers free registration for military

The YMCAs of the Pikes Peak Region are offering active-duty military, civilian DOD employees and active-duty Reservists a one-time free registration. People can bring their identification card to any YMCA branch anytime. Military members who are E-5 and

below also get discounted monthly membership rates. Financial assistance is available.

Museum member announces construction project

Construction for the new Medal of Honor Park is currently underway on the northwest side of the base museum grounds. The project is scheduled to be completed in November. Construction will not affect the day to day operations of the museum. For information, call Ernie Branch at 556-1422.

Peterson clinic offers sports, school physicals

Physicals are conducted by appointment only. Appointments will be offered from Monday through Sept. 1. To schedule an appointment, call 556-2273.

Tour guides needed

The 21st Space Wing Public Affairs is now interviewing sharp candidates, E-4 and above who have been on Peterson for at least one year to interview for positions in the base tour guide program.

Each year Peterson is host to more than 1,000 base tour visitors. Share your Air Force experience with potential recruits coming on base from local schools, ROTC units nationwide, scouts and community organizations. Tours typically last four hours and take place from 7:30 a.m. to 4:30 p.m. Monday through Friday. Interviewees must have their supervisor's permission to become part of this elite team.

Tour dates will be e-mailed each week as far as three months out so that members can sign up to escort the tours. For information, call 556-6208.



U.S. AIR FORCE

EagleEyes

WATCH.REPORT.PROTECT.

With Eagle Eyes, any community member can report suspicious activities 24 hours a day by calling the law enforcement desk at 556-4000.



Photo by Tech. Sgt. Matt Gilreath

Click it or ticket!

Brigadier Gen. Richard Webber, 21st Space Wing commander and Vince, one of the crash test dummies, remind people to have a safe Memorial Day weekend and 101 Critical Days of Summer.



Controller reports damage to shack

Upon assuming his post, a security forces entry controller noticed damage to the search pit gate shack at the West Gate. The large crack in the shack's window had not been reported by prior shifts.

As stewards of government resources, each Airman is responsible for protecting and immediately reporting damage to government property.

Low clearance causes \$5,000 damage

The driver of a large truck damaged his vehicle when he attempted to pass underneath a catwalk adjacent to building 210 on Duluth Street. Since there was no clearance sign posted, the driver assumed he had enough clearance. More than \$5,000 in damage was done to the vehicle's roof. The driver received a citation for careless driving.

Good judgment is a vital cog in safe driving. Visual acuity a driver's primary means to survey the driving environment and maintain situational awareness.

Detective nabs three sneaky shoplifters

An AAFES store detective caught

three dependents shoplifting three music CDs at the base exchange. The merchandise was valued at \$38.85. Security forces responded and transported the subjects to the control center. Colorado Springs Police Department arrived and took control of the subjects.

Active-duty and retired sponsors are responsible for the conduct of their dependent ID card holders. Criminal behavior has wide-ranging repercussions for all involved parties.

Manager reports missing laptop

Security forces received a complaint of a missing laptop. The \$4,000 laptop, normally kept in a closed case, had been accounted for during the previous week's inventory check.

While a good system of checks and balances enables managers to detect problems with their resources, it's just as important to keep those resources secure.

Brake failure causes crack up

After working on his car's brakes at the Auto Skills Center, the vehicle owner began to back out of the maintenance stall and found that his brakes weren't functioning. Unable to stop, his vehicle struck another patron's pickup. Both vehicles sustained minor damage and no citations were issued.

Using extra precaution, such as a prepositioned stop block, may have averted this minor accident.

Personnel Corner

Air Force Thunderbirds offer re-enlistment opportunity

Military members may re-enlist or renew an oath of office or enlistment with the Air Force Thunderbirds at 1 p.m. Friday. The time is still subject to change. All normal re-enlistment rules apply.

The military personnel flight will verify eligibility and provide the necessary paperwork. Family and friends will be allowed to attend, photos will be taken and uniform will be service dress. For information, call Master Sgt. Kristin Clark at 556-9226 or Kristin.clark@peterson.af.mil.

MPF offers advice for common access card renewal

There are hundreds of Team Peterson members' common access cards that expire in the next three months. The military personnel flight here encourages members to check the card's expiration date. If the CAC expires within two to three months, get it renewed now rather than waiting until just before expiration. For information, call Staff Sgt. Krista Lopez at 556-4680.

Military personnel flight offers guidance on cell phone use

Cell phones must be solid or covered in black, silver, dark blue or gray and must be conservative. Cell phones may be clipped to the waistband or purse, or carried in the left hand. Only one cell phone may be worn on the uniform belt. Cell phones will not be used while walking in uniform inside or outside. Hands-free headsets are not authorized in uniform inside or

outside. For more guidance on cell phone use, call Capt. Tammy France at 556-4819.

Family support center provides budgeting class

Make your money work for you. Learn how you can take charge of your finances by developing a home financial plan. This two-hour class will teach basic financial management skills and how to develop a budget. You must bring a copy of your full leave and earnings statement and a list of all monthly expenses. This class takes place from 8 to 10 a.m. Friday at the family support center.

CSAF authorizes uniform wear to, from deployment area

Effective immediately the Air Force Chief of Staff has approved desert camouflage uniform wear while traveling to and from the Central Command area of responsibility. Since Air Force members will be seen in public in combat uniforms, proper appearance and conduct must be maintained.

Members deploying or permanently changing stations to the AOR are allowed to wear DCUs to and from the AOR provided they are traveling enroute

between the continental U.S. and overseas locations on a U.S. flag commercial aircraft, and/or on a military aircraft or government chartered aircraft.

Desert camouflage uniforms may also be worn on U.S. flag commercial flights in the CONUS while traveling between the aerial port and the Airman's authorized rest and recuperation leave location.

No other travel in DCUs on any commercial carrier is authorized. One set of conservative civilian attire must also be packed in the carry-on luggage in order to accommodate for contingency situations. Airmen will maintain proper uniform, personal appearance and hygiene standards during travel at all times.

Military personnel flight offers information about family SGLI

Military members married to a military member must verify their family serviceman's group life insurance policy to ensure it is correct. Members don't need to visit the military personnel flight to verify the status.

For information or to verify the status, call Staff Sgt. Krista Lopez at 556-4068 or email Krista.Lopez@peterson.af.mil.



Team Pete around the globe

The 21st Space Wing operates 15 weapon systems, comprises 41 units in 26 locations in four countries, and spans nine time zones throughout the world. Team Pete has 79 deployed members supporting various operations across the globe. The 21st Space Wing makes up 27 of those members.

Safety, from Page 1

hunter safety classes available. Don't wait until precious summertime is here and autumn's elk start bugling before realizing the hunter safety card class is needed before going a field. A refresher course helps one recognize game birds, mammals and the idiots in the field who didn't take hunter safety.

2) Get healthy before getting hurt. While one may be able to pass their fitness test, it doesn't mean one could pull a boat up a muddy ramp, hike 40 pounds up the side of Bear Mountain or search for antler sheds all day. Consider current health and physical conditioning during winter months before jumping into spring and breaking one's backside.

3) Prepare for big game hunting. Archers open their season in a few short months followed shortly by those with smoke poles. Selecting a hunting unit requires research for accessible land, good huntable animal numbers and learning the lay of the land so one doesn't get lost. The better prepared one is to hunt the more enjoyable and safe the experience tends to be.

4) Collect some antlers. Spring spells prime time to prowl the ungulates' wintering grounds in search of elk and deer antler sheds. Public areas in the foothills of the neighboring mountains are good places to look for these ivory wannabees. The cautionary statement is to keep a distance from live animals, this time of year is critical for their survival and to run them off is likely to stress and kill them. Some animals may elect to return the favor.

5) Time to go shopping. There may be some spouses out there who will hate this comment, but replacing and amending one's recreational equipment is a necessity. To safely enjoy our outdoors passions, lures, line, camp gear, boating accessories, maps, survival equip-

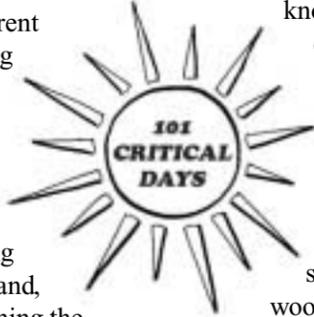
ment are all items that need updating and augmenting from time to time. Finding out the water purification tablets have gone bad miles from the nearest potable water isn't a good thing. 'Tis the season to inventory, inspect, implore, invest and implement.

6) Start networking for opportunity now. Often people who've not done it don't know what they are missing out on until they get involved with someone who has experience. Having a knowledgeable partner is a smart way to ensure you don't return with an injury also. Talk to people in the work center, other base agencies and civilian folks off base. One never knows when one will be invited into an elk camp, asked to fish a reservoir for trophy walleye, or go for a scenic sightseeing drive in the mountains. Often these relationships become lifelong pals.

7) Plan a road trip. As spring dawns there are a lot of driving opportunities opening up to showcase nature. Whether a scenic byway on a map, or just a tour in the woods, mountains or prairie, there are memories waiting to be built. Being prepared for unexpected weather makes the drive more comfortable and secure during times of changing weather. Don't overdo it behind the wheel either. Trade off driving responsibilities and take frequent rest breaks.

8) Get in on some trout fishing. Mountain lakes and rivers are home to beautiful cool-water trout. One of them could make a nice addition to your trophy wall at home. However, remember the water is cold and higher water flows could make navigation a little tricky. Plan accordingly. Wear a floatation device and beware of hypothermia.

The 101 Critical Days of Summer between Memorial Day and Labor Day weekends began Saturday. Wing safety offices can offer additional safety tips or answer questions related to local safety issues.



**Earned an award?
Been promoted?
Completed training
or earned a degree?**

Fill out a Hometown News Release!

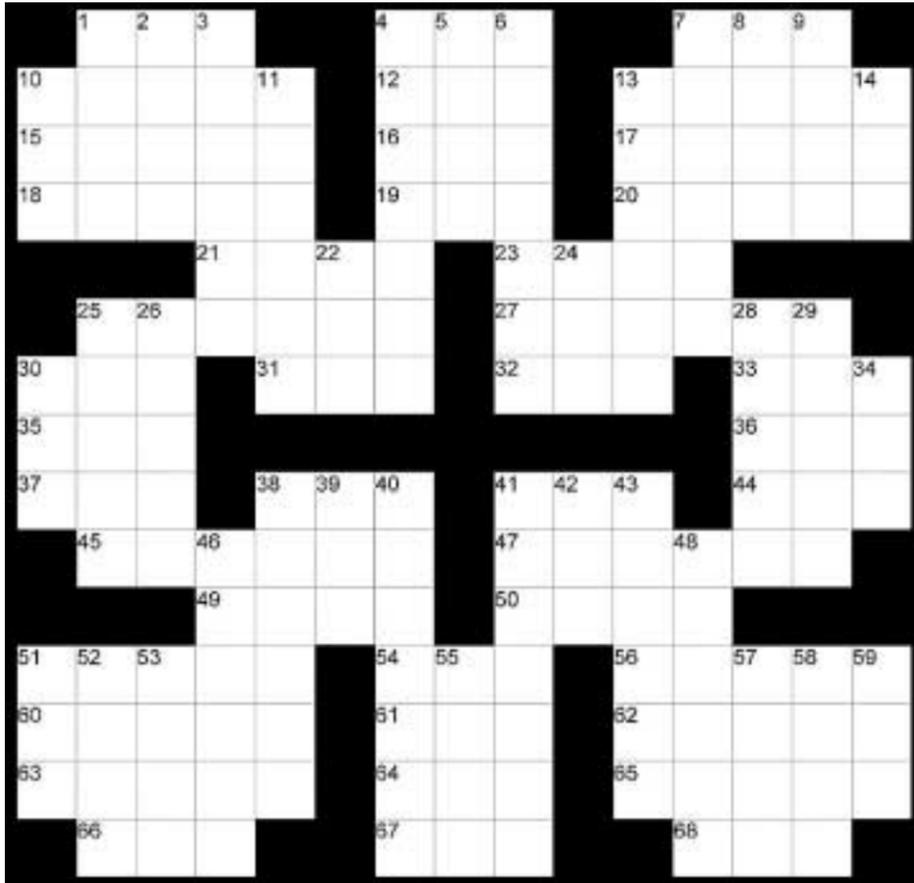
The Hometown News Release

program is your chance to tell your Air Force story in your hometown, and it couldn't be easier! Just go online to www.peterson.af.mil/21SW,

click the "Fill out an online Hometown News Release" link, and you're on your way! You can also fill out a DD Form 2266 and send it to 21st Space Wing Public Affairs, via fax at 556-7848, e-mail at 21sw.pa.ms@peterson.af.mil, or in person to Building 845, Room 219.

Memorial Day remembrance

Answers on page 13



ACROSS

- 1. A-Team member
- 4. Everything
- 7. Federal org. in charge of SSNs
- 10. Berths
- 12. Memorial Day person remembered, in short
- 13. Outfit

- 15. ___ a time; single file
- 16. Airport screen abbrev.
- 17. Elvis' blue shoes
- 18. Mil. jargon for "understood and complying"
- 19. Droop
- 20. Father figure
- 21. Inventor Whitney and NY Giant Manning

- 23. British title
- 25. Memorial Day person remembered (USMC)
- 27. Memorial Day person remembered (USN)
- 30. Memorial Day person remembered, in short
- 31. Terminate
- 32. Took a load off
- 33. Feline
- 35. Simpson trial judge
- 36. Compass dir.
- 37. Singer Torme
- 38. Sis' sibling
- 41. Center of the system
- 44. Alias, in brief
- 45. Killer
- 47. Tear-producing vegetables
- 49. Apple music machine, in short
- 50. Crime clue
- 51. Extreme
- 54. Terminate
- 56. Waited for right opportunity
- 60. Joints
- 61. Profit, in short
- 62. Hate
- 63. Held the world on his shoulders
- 64. Before, poetically
- 65. European monies
- 66. Fisherman's TV station, in short
- 67. Org. concerned with patriotic heritage
- 68. Rep.'s congressional counterpart

DOWN

- 1. Skirt type
- 2. Spool

- 3. Ammunition type
- 4. Hoarded
- 5. Italian currency, once
- 6. Gift
- 7. Gale
- 8. Lard
- 9. General's helper
- 10. Memorial Day person remembered, in short
- 11. Jaded
- 13. ___ de corps
- 14. Each
- 22. ___ hurry; rushing
- 24. Auto club
- 25. Boundaries
- 26. Isle
- 28. Pacific or Atlantic
- 29. A1C, SSgt, Lt, Col, etc.
- 30. Vigor
- 34. Brewed beverage
- 38. Circumvent
- 39. Music group Diamond ___
- 40. Commanded
- 41. Memorial Day person remembered (USA)
- 42. Count off starter
- 43. Inclined
- 46. Memorial Day person remembered (USAF)
- 48. Hateful
- 51. Stars & Stripes country
- 52. Actor Jared
- 53. Lanky
- 55. Singer Jones
- 57. Challenge
- 58. British school
- 59. Federal org. established after 9/11

(Courtesy of Alaskan Command Public Affairs)

Team Pete's events
noteworthy

To submit information for the base calendar, email space.observer@peterson.af.mil

June is Colorado Bike Month

Saturday, June 4

Air Show

Monday, June 6

D-Day

Friday, June 10

21st SW Goal Day
(21st Space Wing Day Off)

Tuesday, June 14

Flag Day / Army Birthday

Sunday, June 19

Father's Day

Tuesday, June 21

First Day of Summer

Since 1950, the Sertoma Street Breakfast, held in downtown Colorado Springs has been the official send-off of the Pikes Peak Range Riders and the beginning of the Pikes Peak or Bust Rodeo season. The breakfast begins at 7 a.m. June 22. People can purchase a complete breakfast of pancakes, eggs, juice, milk and coffee for five dollars. Breakfast proceeds go to local charities such as Silver Key, Pikes Peak Hospice and Easter Seals. For information, call Airman 1st Class Mandy Weightman at 556-6208.

Answers from page 11

T	A	B	B	A	N	J	E	T							
K	O	N	A	E	R	R	E	D	O	R	E	O			
I	R	O	N	S	A	M	O	A	S	I	C	K			
M	E	D	I	C	S	C	Z	E	C	H	S				
				H	A	H	O	R	E						
I	N	O	U	Y	E	N	O	D	I	C	E				
F	D	I	C	S	A	T	I	N	N	A	N	A			
C	I	T	E	D	M	Z			A	I	D	E			
C	O	R	A	A	M	O	U	R	P	R	O	F			
				M	O	N	I	C	A	K	O	W	T	O	W
				R	I	N	A	S	A						
C	A	S	H	E	D	I	N	H	A	L	E				
B	L	U	E	I	D	E	A	L	A	S	A	P			
S	E	E	R	C	U	D	D	Y	N	I	N	A			
S	Z	E	O	S	D	G	A	D							



ARAGON DINING FACILITY MENU

Today

Lunch:
Orange Spiced Chops
Liver with Onions
Tempura Fried Fish
Rissolle Potatoes
Steamed Rice
Broccoli
Peas and Carrots
Wax Beans

Dinner:
Mr. Z's Baked Chicken
Pepper Steak
Pasta Primavera
Mashed Potatoes
Steamed Rice
Mixed Vegetables
Fried Okra
Greenbeans

Friday

Lunch:
Baked Fish
Beef and Corn Pie
Roast Turkey
Franconia
Potatoes
Pea and Pepper
Rice
Corn on the Cob
Stewed
Tomatoes
Mustard Greens

Dinner:
Simmered Corn
Beef
Pineapple Chicken
Yankee Pot Roast
Crispy Potato
Wedges
Simmered
Potatoes
Fried Cabbage
Carrots
Black-eyed Peas

Saturday

Lunch:
Savory Baked
Chicken
Swedish
Meatballs
Creole Shrimp
Baked Potatoes
Steamed Rice
Cream Corn
Asparagus
Steamed Squash

Dinner:
Baked Fish
Hungarian
Goulash
Barbecue
Chicken
Buttered Parsley
Potatoes
Rice Steamed
Vegetable Stir Fry
Baked Beans
Cream Corn

Sunday

Lunch:
Oven Fried Fish
Cantonese
Spareribs
Grilled Mustard
Chicken Breast
Macaroni and
Cheese
Boiled Egg Noodles
Peas
Fresh Sweet
Potatoes
Broccoli Combo

Dinner:
Stir Fry Beef with
Broccoli
Turkey Nuggets
Loin Strip Steak
Mushroom and
Onion Sauce
Baked Potatoes
Rice Pilaf
Corn on the Cob
Frozen Green
Beans

Monday

Lunch:
Pot Roast
Baked Stuffed Fish
Roast Loin of Pork
Oven Brown
Potatoes
Steamed Rice
Cauliflower Combo
Succotash
Green Beans with
Mushrooms

Dinner:
Chili Macaroni
Canelloni Beef
Southern Fried
Chicken
Cottage Fried
Potatoes
Mashed Potatoes
Steamed Squash
Glazed Carrots
Frozen-style Peas

Tuesday

Lunch:
Teriyaki Chicken
Veal
Parmesan
Salmon Cakes
Filipino Rice
Buttered Parsley
Potatoes
Fried Cabbage
Succotash
Mixed Vegetables

Dinner:
Country Captain
Chicken
Meat Loaf
Turkey a La King
Steamed Rice
Mashed Potatoes
Harvard Beets
Mustard Greens
Okra with Tomato
Gumbo

Wednesday

Lunch:
Jambalaya
Cajun Baked Fish
Cajun Meatloaf
Steamed Rice
Red Beans and
Rice
Creole Green
Beans
Okra with Tomato
Gumbo
Louisiana-style
Squash

Dinner:
Lemon-Herb
Chicken
Barbecue
Spareribs
Stuffed Pork Chops
Scalloped
Potatoes
Steamed Rice
Cauliflower Combo
Mexican Corn
Tempura
Vegetables

Hours of Operation: Weekdays/Weekends: Breakfast 5:30 – 8 a.m.; Lunch 11 a.m. – 1 p.m.; Dinner 4 – 6 p.m.;
Holidays/Down days: Supper 11 a.m. – 5:30 p.m.; All carry out times 7 – 9 p.m.

Peterson Air Force Base, Colorado

SPACE OBSERVER

Air Show Section

FREE!
PUBLIC WELCOME



GATES OPEN
AT 7 A.M.

AIR SHOW

SATURDAY

JUNE 4

Cross Into The Blue

America's Ambassadors In Blue



The United States Air Force

THUNDERBIRDS

PETERSON AIR FORCE BASE

COLORADO SPRINGS, COLORADO

WWW.PETERSON.AF.MIL/21SW

INFO 556-5185

Welcome to the Air Show

On behalf of the men and women of the Colorado Springs military community, I would like to welcome you to our 2005 Open House and Air Show. We're especially excited about this year's air show because it is our first one since 2000. We believe it is going to be one of our best ever!

I would like to express my gratitude to all of the air show committee members, both military and civilian, who have worked on organizing this event. These dedicated and talented people have spent many hours, overcome many challenges, and meticulously planned many of the details to bring this first-class show to fruition.

I would also like to thank our local community partners. This would not be possible without their generous support. The public and private sectors of El Paso County and Colorado Springs were instrumental in helping Team Pete organize this air show for you.

Lastly, I want to thank you for joining us. Our hope is that you will thoroughly enjoy all the activities today and take home some lifetime memories. We are here because of your patriotism and support.

Have a great experience.

21 Space Wing Commander

RICHARD E. WEBBER

Brigadier General, USAF



Air & Space Day Air Show ... safety

The Air Force is committed to making our air show a safe and enjoyable time for everyone. Here are some things you can do to help make your day a safe and memorable event:

- It will be hot on the flight line, so please wear cool, loose clothing and comfortable shoes. Drink plenty of water to stay hydrated throughout the day.
- Wear sunscreen and hats as needed to protect your skin from sunburn. If you have any sensitivity to loud noises, you may want to bring earplugs.
- If you misplace your group/family members, go to the information booth for assistance or ask an air show worker for help -- They will be wearing visible "Event Staff" badges.
- You may bring folding lawn chairs so you'll be more comfortable for the show.
- Smoking is permitted only in designated areas.

Arrive early, expect delays. Anticipating crowd of 100,000 or more. Highly recommend carpooling to the shuttle bus locations for those who live off-base and walking for those who live on base.

Military performers

- U.S. Air Force Thunderbirds perform aerial demonstrations in the F-16 Fighting Falcon
- Wings of Blue, U.S. Air Force Academy cadet parachute demonstration team
- B-1 Lancer fly-by
- A-10 Thunderbolt fly-by
- U.S. Navy F-18 Hornet Demonstration Aerobatics Team from Naval Air Station Lemoore, Calif.
- F-15 Eagle Demo Team from Langley Air Force Base, Va.
- P-51 Mustang heritage fly-by
- Solo aerobatics

Civilian Performers

- Tuskegee Airmen T-6

Static Displays

- U.S. Navy P-3, Orion
- KC-135, Stratotanker
- U.S. Army MH-47 Chinook helicopter from Fort Carson
- AC-47 Gunship

At the Airshow



What to bring!

We are opening our gates and welcoming thousands of guests to Peterson Air Force Base and we want to ensure everyone's safety and security as they enjoy this weekend of fun activities. With the public's safety in mind, we would like to take this opportunity to highlight our base entry requirements.

All persons entering the base are subject to search of their personal belongings.

Security officials will be randomly searching bags and walking around the show grounds. If necessary, they are authorized to refuse base entry to anyone.

What you can bring

- Diaper bags are permitted if an infant is present
- Small cooler to hold infant formula and medicine
- Binoculars, cameras and video cameras with appropriate bags are permitted, as are purses and fanny packs
- Medical equipment and medicine
- Folding chairs
- Seeing-eye dogs

... and what you can't

- Weapons of any kind to include: firearms, knives, blow guns, sling shots or air rifles. Personnel with Concealed Weapons Permits are not authorized to carry a weapon on Peterson
- Coolers
- Bags larger than 8 by 11 inches
- Nontransparent drink containers
- Only factory-sealed soft plastic, transparent containers that are 32 ounces or less are permitted. Any unsealed soft plastic containers will require the contents to be emptied prior to entry
- Water will be provided free, other drinks are available for purchase
- Alcoholic beverages of any kind
- Roller-blades, skate boards or bicycles
- Pets
- Any item deemed dangerous or unsafe by security personnel

- U.S. Navy F-18 Hornet
 - C-17, Globemaster III
- and much more**

Acts/Entertainment

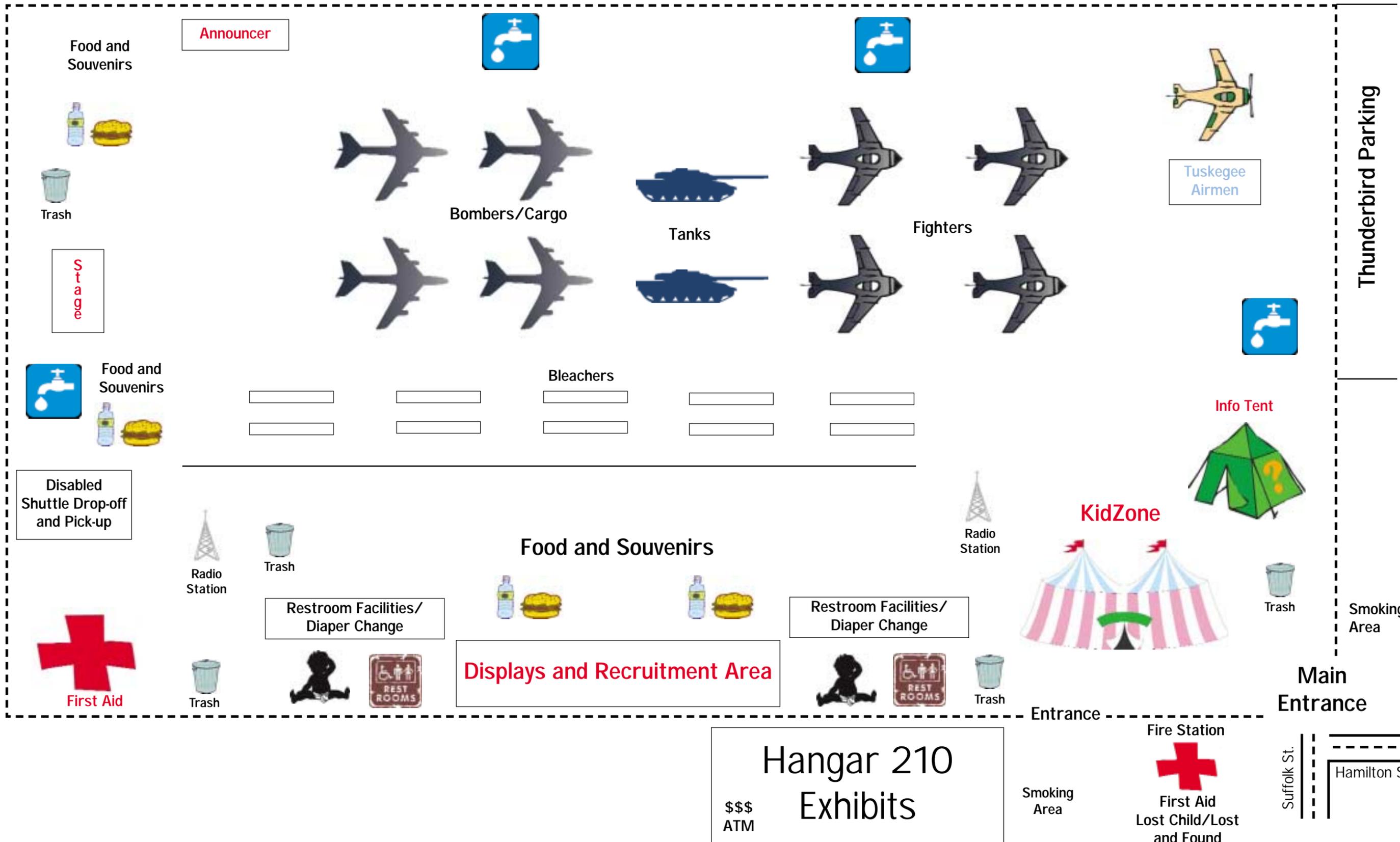
- Wild Blue Country, The U.S. Air Force Academy's country & western ensemble
- KidZone featuring two bouncy castles, inflatable obstacle course, face painting and other activities.

Displays

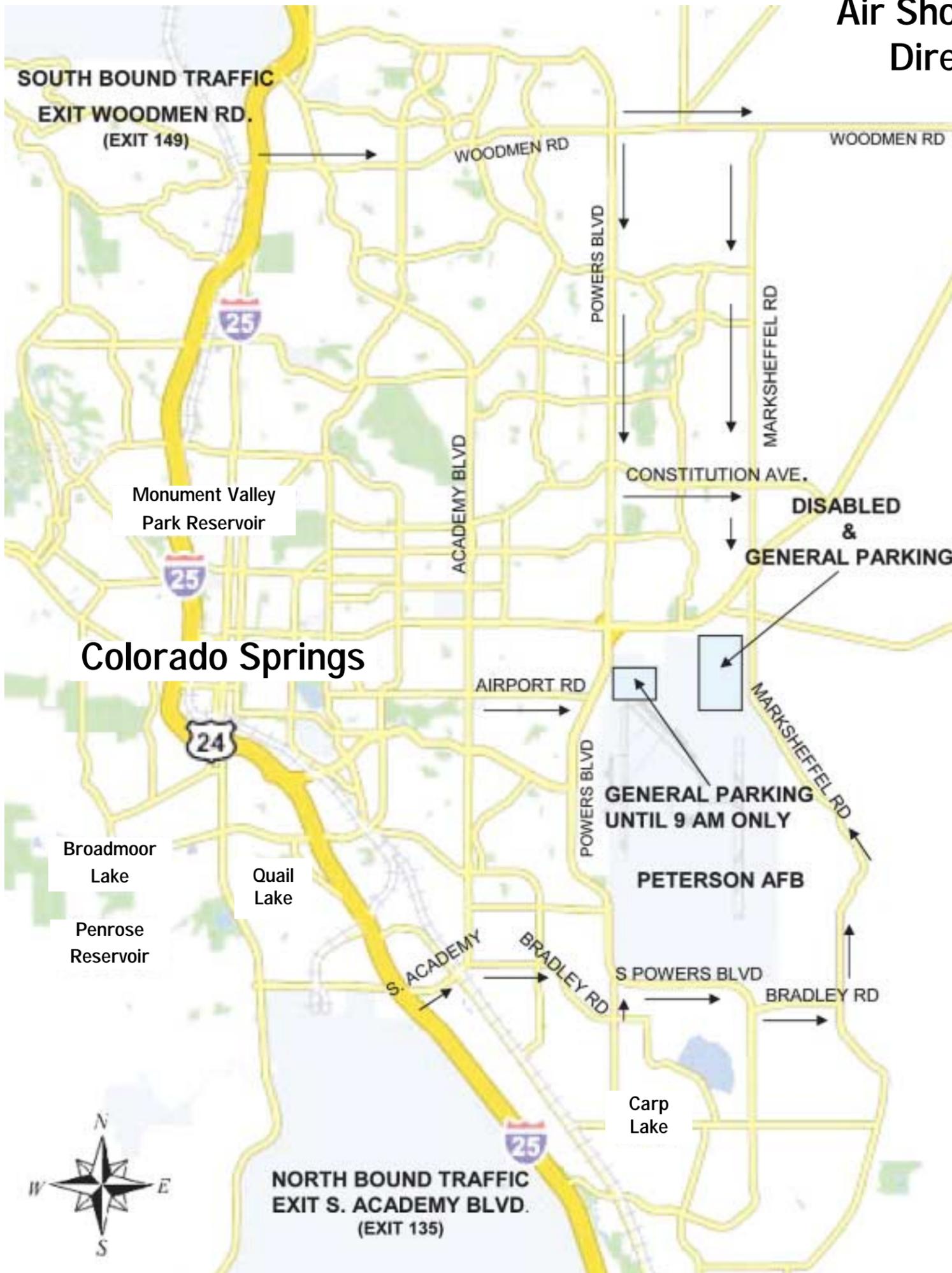
- Exhibition hall, featuring Air & Space missions among other local military organizations
- Recruiting booths
- Food, beverage and souvenir concessions

Enjoy the Show!

Air show Area



Air Show Driving Directions



After parking, look for one of the several entry control tents. Parking lots are color specific, so remember to note the color code for the lot where your vehicle is parked. Buses will be available to transport visitors to the flightline ramp, where events will take place. At the conclusion of the show, there will be color-coded signs where the buses will transport passengers back to the parking lots. Buses will also display these colors. Visitors will also be permitted to walk back to the parking lots, but the distance may be substantial. People with DOD stickers on their vehicles are encouraged to park on base. The North, East and West Gates will be open, but the West Gate will close at 9 a.m.

Carpooling is highly encouraged. Expect delays.

Air & Space Day Air Show ... What to expect

Join us at Peterson Air Force Base for an air show featuring the US Air Force Thunderbirds – the Air Force’s premier aerial demonstration team. Gates will be open from 7 a.m. to 6:30 p.m.

Admission and parking are free, however, space is very limited and people are encouraged to carpool. There will be plenty of shuttle buses on the base to get people to the show.

Up to 150,000 people are expected to attend this event. As with any event of similar size, plan to arrive early, but be prepared for unexpected delays.

This is a way for your Air Force in Colorado to say ‘thank you’ for your support, and to see Colorado’s finest military units up close.

There will be something for everyone: static

displays, entertainers, concessions, shopping, a hangar full of children’s activities, autographs from the Thunderbirds pilots and much, much more.

The Thunderbirds will sign autographs following the show, so bring a pen or marker if you have something special you’d like them to write with.

Bring your cameras to capture all the special events of the day with your family.

Thunderbirds to perform fabulous aerial demos at Air Show

Mission

The U.S. Air Force Air Demonstration Squadron, the Thunderbirds, perform precision aerial maneuvers demonstrating the capabilities of Air Force high performance aircraft to people throughout the world. The squadron exhibits the professional qualities the Air Force develops in the people who fly, maintain and support these aircraft.

Objectives of the squadron are:

- To support Air Force recruiting and retention programs.
- To reinforce public confidence in the Air Force and to demonstrate to the public the professional competence of Air Force members.
- To strengthen morale and esprit de corps among Air Force members.
- To support Air Force community relations and people-to-people programs.



Photo by Tech. Sgt. Sean M. White

- To represent the United States and its armed forces to foreign nations and to project international goodwill.

The Team

The Thunderbirds squadron is an Air Combat Command unit composed of eight pilots, four support officers, three civilians and more than 130 enlisted members performing in 25 career fields.

A Thunderbirds air demonstration is a mix of formation flying and solo routines. The four-aircraft diamond formation demonstrates the training and precision of Air Force pilots, while the solo aircraft highlight the maximum capabilities of the F-16.

The pilots perform approximately 30 maneuvers in a demonstration. The entire show, including ground

and air, runs about one hour and 15 minutes. The season lasts from March to November, with the winter months used to train new members.

Officers serve a two-year assignment with the squadron, while enlisted personnel serve three to four. Replacements must be trained for half of the team each year, providing a constant mix of experience.

The squadron performs no more than 88 air demonstrations each year and has never canceled a demonstration due to maintenance difficulty. More than 280 million people in all 50 states and 57 foreign countries have seen the red, white and blue jets in more than 3,500 aerial demonstrations.

In addition to their responsibilities as the official U.S. Air Force aerial demonstration team, the Thunderbirds are part of our combat force. If required, the team's personnel and aircraft can be rapidly integrated into a fighter unit at Nellis Air Force Base, Nev. Since the aircraft are only slightly modified, they can be made combat-ready in less than 72 hours.

F-16 Fighting Falcon

The Lockheed Martin F-16 Fighting Falcon represents the full range of capabilities possessed by the Air Force's tactical fighters. This highly maneuverable multi-role fighter has proven to be one of the world's best precision tactical bombers and air-to-air combat aircraft. The only modifications to prepare the aircraft for its air demonstration role are installing a smoke-generating system in the space normally reserved for the 20mm cannon, and the painting of the aircraft in Thunderbird colors.

History

The Thunderbirds were officially activated June 1, 1953, as the 3600th Air Demonstration Team at Luke AFB, Ariz. Their aircraft was the straight-winged F-84G Thunderjet, a combat fighter-bomber that had seen action in Korea.

Early in 1955 the team transitioned to the swept-winged F-84F Thunderstreak.

In June 1956, the team moved to its current home at Nellis. At the same time the Thunderbirds traded the veteran F-84 for the world's first supersonic fighter, the F-100 Super Sabre — an aerial platform that would serve the Thunderbirds for 13 years. More than 1,000



Photo by Tech. Sgt. Sean M. White

The Thunderbirds aerial demonstration team performs a loop while in the famous Delta formation.

demonstrations were flown in the Super Sabre, thrilling spectators around the world. The team changed briefly to the Republic F-105 Thunderchief.

After only six shows, in 1964, due to an extensive modification that became necessary on all Thunderchiefs, the Thunderbirds returned to the F-100.

From 1969 to 1973, the Thunderbirds flew the Air Force's front-line fighter, the F-4E Phantom. In 1974, the Thunderbirds converted to the T-38 Talon, the world's first supersonic trainer. The T-38 was more fuel-efficient and less costly to maintain than the larger F-4.

The Thunderbirds returned to Europe for the first time in 13 years in 1984. More than 3.2 million people viewed the aerial demonstrations in 11 countries.

In 1986, the Thunderbirds participated in the rededication flyby of the Statue of Liberty and in September, another milestone was attained when the team went over the 200 million for total attendance.

The largest crowd, 2.25 million people, to see a performance was at Coney Island, N.Y., July 4, 1987. The 1987 Far East tour marked their debut in Beijing, China — the first American military demonstration performance in a Communist country.

Operation Desert Storm cancelled the 1990 European tour and the season was shortened. The team converted to the F-16C in 1992, bringing the F-16A era to an end.

In 1996, the team traveled again to Europe where crowds from former Warsaw Pact countries enjoyed the "Ambassadors in Blue." In July 1996, the team participated in opening ceremonies of the Centennial Olympics held in Atlanta which were viewed by an estimated 3.5 billion people around the world.



File photo

The C-17 is capable of rapid strategic delivery of troops and all types of cargo to main operating bases or directly to forward bases in the deployment area.

General Characteristics

Primary Function: Cargo and troop transport

Thrust: 40,440 pounds, each engine

Wingspan: 169 feet 10 inches (to winglet tips)

Length: 174 feet

Height: 55 feet 1 inch

Cargo Compartment: length, 88 feet; width, 18 feet; height, 12 feet 4 inches

Speed: 450 knots at 28,000 feet (Mach .74)

Service Ceiling: 45,000 feet at cruising speed

Range: Global with in-flight refueling

Crew: Three (two pilots and one loadmaster)

Maximum Peacetime Takeoff Weight: 585,000 pounds

Load: 102 troops/paratroops; 36 litter and 54 ambulatory patients and attendants; 170,900 pounds (77,519 kilograms) of cargo (18 pallet positions)

Unit Cost: Unit Cost: \$202.3 million

Date Deployed: June 1993

Mission

The A/OA-10 Thunderbolt II is the first Air Force aircraft specially designed for close air support of ground forces. They are a simple, effective and survivable twin-engine jet aircraft that can be used against all ground targets, including tanks and armored vehicles.

Features

The A/OA-10 have excellent maneuverability at low air speeds and altitude, and are highly accurate weapons-delivery platforms.

They can loiter near battle areas for extended periods of time and operate under 1,000-foot ceilings with 1.5-mile visibility. Their wide combat radius and short takeoff and landing capability permit operations in and out of locations near front lines.

Using night vision goggles, A/OA-10 pilots can conduct their missions during darkness.

Thunderbolt IIs have Night Vision Imaging Systems, goggle compatible single-seat cockpits forward of their wings and a large bubble canopy which provides pilots all-around vision. The pilots are protected by titanium armor that also protects parts of the flight-control system.

The redundant primary structural sections allow the aircraft to enjoy better



A/OA-10 Thunderbolt II

Photo by Master Sgt. Mark Bucher

The first production A-10A was delivered to Davis-Monthan Air Force Base, Ariz., in October 1975.

survivability during close air support than did previous aircraft.

The aircraft can survive direct hits from armor-piercing and high explosive projectiles up to 23mm. Their self-sealing fuel cells are protected by internal and external foam. Manual systems back up their redundant hydraulic flight-control systems. This permits pilots to fly and land when hydraulic power is lost.

Avionics equipment includes communications, inertial navigation systems, fire control and weapons delivery systems, target penetration aids and

night vision goggles. Their weapons delivery systems include heads-up displays that indicate airspeed, altitude, dive angle, navigation information and weapons aiming references.

The Thunderbolt II's 30mm GAU-8/A Gatling gun can fire 3,900 rounds a minute and can defeat an array of ground targets to include tanks. Some of their other equipment includes an inertial navigation system, electronic countermeasures, target penetration aids, self-protection systems and AGM-65 Maverick and AIM-9 Sidewinder missiles.

Background

In the Gulf War, A-10s had a mission capable rate of 95.7 percent, flew 8,100 sorties and launched 90 percent of the AGM-65 Maverick missiles.

General Characteristics

Length: 53 feet, 4 inches

Height: 14 feet, 8 inches

Wingspan: 57 feet, 6 inches

Speed: 420 miles per hour

Armament: One 30 mm GAU-8/A seven-barrel gatling gun; up to 16,000 pounds (7,200 kilograms) of mixed ordnance on eight under-wing and three under-fuselage pylon stations, including 500 pound (225 kilograms) Mark-82 and 2,000 pounds (900 kilograms) Mark-84 series low/high drag bombs, incendiary cluster bombs, combined effects munitions, mine dispensing munitions, AGM-65 Maverick missiles and laser-guided or electro-optically guided bombs; infrared countermeasure flares; electronic countermeasure chaff; jammer pods; 2.75-inch rockets; illumination flares and AIM-9 Sidewinder missiles.

Crew: One

Date Deployed: March 1976

Unit Cost: \$9.8 million



Photo by Steve Zapka

Primary Function: Long-range, multi-role, heavy bomber
Thrust: 30,000-plus pounds with afterburner, per engine
Length: 146 feet
Wingspan: 137 feet extended forward, 79 feet swept aft
Height: 34 feet
Weight: Empty, approximately 190,000 pounds
Maximum Takeoff Weight: 477,000 pounds
Speed: 900-plus mph
Range: Intercontinental, unrefueled
Crew: Four (aircraft commander, copilot, and two weapon systems officers)
Armament: 24 GBU-31 GPS-aided JDAM (both Mark-84 general purpose bombs and BLU-109 penetrating bombs) or 24 Mark-84 2,000-pound general purpose bombs; 8 Mark-85 naval mines; 84 Mark-82 500-pound general purpose bombs; 84 Mark-62 500-pound naval mines; 30 CBU-87, -89, -97 cluster munitions;
Unit Cost: \$283.1 million



Photo by Master Sgt. Shaun Withers

Primary function: Tactical fighter
Thrust: 23,450 pounds each engine
Wing span: 42.8 feet
Length: 63.8 feet
Height: 18.5 feet
Speed: 1,875 mph
Maximum takeoff weight: 68,000 pounds
Ceiling: 65,000 feet
Range: 3,450 miles ferry range with conformal fuel tanks and three external fuel tanks
Crew: F-15A/C: one. F-15B/D/E: two
Armament: One internally mounted M-61A1 20mm 20-mm, six-barrel cannon with 940 rounds of ammunition; four AIM-9L/M Sidewinder and four AIM-7F/M Sparrow air-to-air missiles, or eight AIM-120 AMRAAMs, carried externally.
Unit Cost: A/B models - \$27.9 million; C/D models - \$29.9 million
Date deployed: July 1972