

# Community events



Linda Lou Crosby & Co. will present a special performance of *Bedbug Hotel* on Friday, May 31, to benefit the Maturango Matt Memorial Fund. The fund-raising performance will be held at Aggies' Opera House, Dining Emporium and Museum in Trona. Doors open at 6 p.m. and dinner, a miner's buffet and Chinese food, will be served at 7 p.m. A special entertainment in memory of Gene Younkin will also be presented. Tickets are \$25 per person and may be purchased at the museum. For more information, call 375-6900.

###

See native American pottery, stone carvings, arrowheads and baskets, along with traditional wood carvings, metal smithing and quilting during the Eastern California Museum's Traditional Crafts Demonstration Days on June 1 and 2. The museum, located at 155 N. Grant St. in Independence, Calif., will be open both days from 10 a.m. to 4 p.m. For more information, call (619) 878-2411.

###

On Tuesday, May 28, the Community Connection for Child Care is sponsoring a Family Day Care Home Licensing Orientation from 6:30 to 8:30 p.m. at their office, at 237 W. Ridgecrest Blvd., Suite D. This orientation does NOT meet the NWC child care permit requirements. Reservations are not required, but participants are encouraged to call 375-6781 the day of the orientation to confirm. For more information, call CCCC at 375-3234.

###

*Sharing Books With Children*, a program guaranteed to enhance the enjoyment of reading, will be held by the Community Connection for Child Care tonight, May 23, from 7 to 9 p.m. Join CCCC at 237 W. Ridgecrest Blvd., Ste. D, when librarian and media specialist, Cathy Banks, will introduce children's books by favorite authors and by subjects. To reserve a seat at this free event, call 375-3234.

## National Missing Children's Day honored

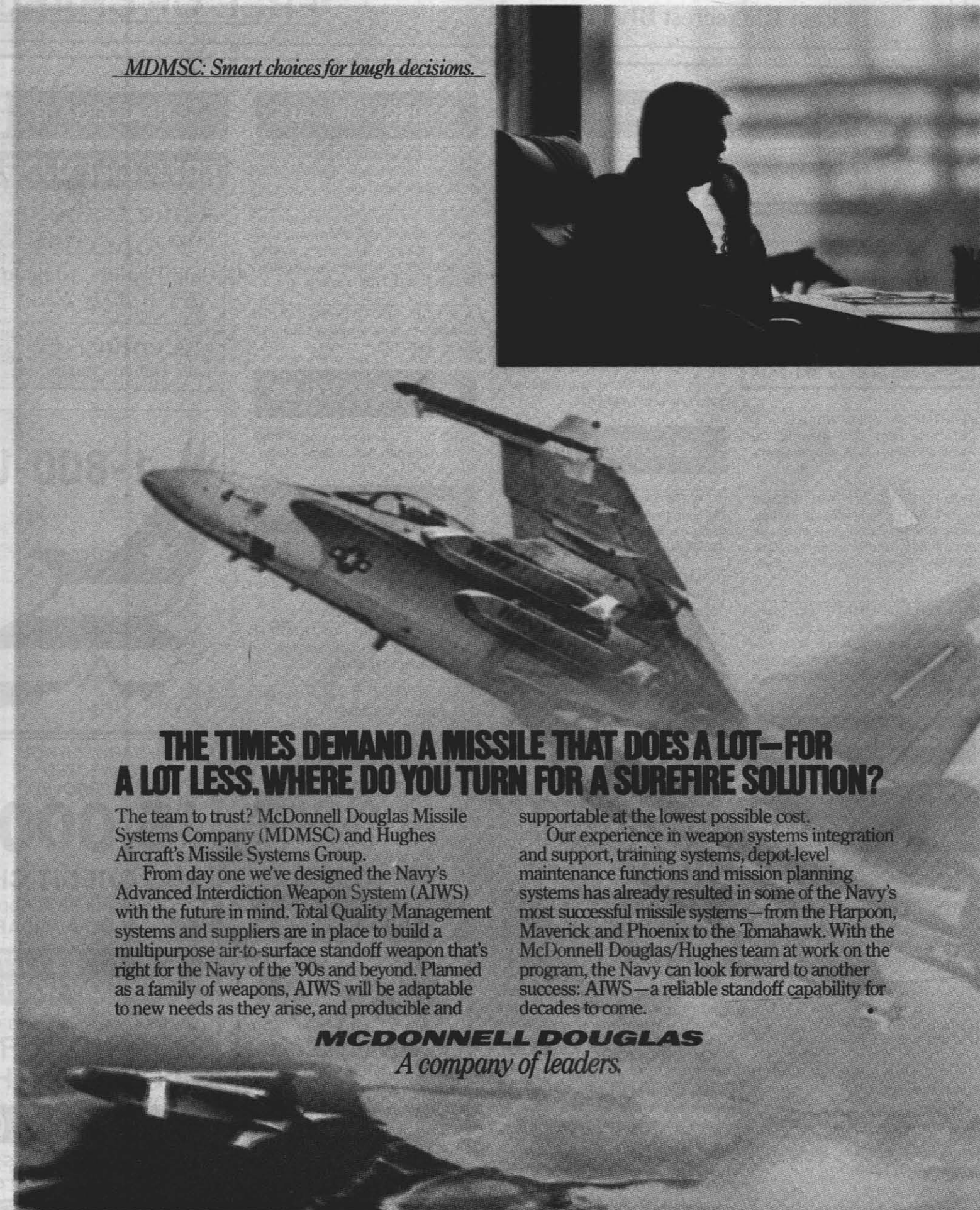
In honor of National Missing Children's Day, the International Brotherhood of Police Officers, Local #337 (I.B.P.O.), plan a special program on Saturday, May 25.

Parents are encouraged to bring their chil-

dren of all ages to the Center Theatre from 10 a.m. to 2 p.m. and from 4 to 6 p.m. for a free picture and finger printing. These are two items that can help recover missing children if something should happen.

From 2 to 4 p.m., the movie *Adam* will be shown at the Center Theatre. Cost is \$1 for children 7 to 12 years of age and \$2 for those 13 years old and older. Children 6 and under will be admitted for free.

*MDMSC: Smart choices for tough decisions.*



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May 23, 1991

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Wed.	86	46	11
Thurs.	89	50	18
Fri.	76	55	22
Sat.	71	46	27
Sun.	77	49	16
Mon.	80	45	21
Tues.	80	54	27

### Surplus property goes on the block in June 6 auction

Local Auction 41-1355 of surplus government property will be held by the Defense Reutilization and Marketing Office at China Lake June 6, beginning at 9 a.m. in Building 1073, Warehouse 41.

Among the 180 items offered will be an Airflex camera, generator sets, hardware, electronics, typewriters, missile containers, drill presses, work benches, food preparation equipment and pickup trucks.

Items will be on display for inspection from 7:30 a.m. to 2:30 p.m. daily, except weekends, beginning Monday, June 3. A complete list, as well as sales terms and conditions, can be seen at Building 1073, Warehouse 41.

### Memorial potluck at Inyokern Center for June Amlie

June Amlie, a former NWC scientist, and wife of former Technical Director, Tom Amlie, passed away April 5. A potluck/barbeque will be held at the Inyokern Senior Citizens Center next to the Inyokern park on June 1 at 1 p.m. in her memory.

June hated funerals, but loved parties, so her family, who is visiting Ridgecrest, would like to invite all her friends to party and help celebrate her life with them.

Please bring a potluck dish to share, or something to barbeque if convenient, if not, just come; there will be plenty. Friends, spouses and children are all welcome.



## FEB salutes eight China Lakers

Recognition by a supervisor for a job well done creates a feeling of satisfaction for an employee. But when the work is consistently of such quality it is recognized through the chain of command, if at all possible, that employee should be recognized publicly. Such is the case with eight Naval Weapons Center employees.

The achievements, dedication and quality of work produced by Howard McCauley, Curtis Bryan, Don Shibley, Alan Marshall, Cheryl Weiss, Allan King, Earlene Moldenhauer and Charlean Downing resulted in their nomination for the Los Angeles Federal Executive

Board's Distinguished Public Service Awards. They and their accomplishments were recently recognized at an awards banquet in Los Angeles.

The NWC employees went up against 215 other federal employees from the Pacific Southwest to win the title of their individual categories. Winners compete in a national competition later this year.

Two of the NWC nominees, McCauley and Bryan, were runner ups in their categories.

A computer scientist in the Advanced Systems Division's Air-to-Surface Guidance Branch, McCauley represented NWC in the

Contribution to Effective Coordination Award category. He was nominated for the award for his work in aiding the Office of Under Secretary of Defense for Trade Security Policy in assessing the risk of transferring image enhancement software as well as the software, which operates the monitoring and control equipment used by the United States as an on-site monitoring system, to the Soviet Union as part of the INF Treaty.

"McCauley's recommendations proved to be sufficiently authoritative that they formed the basis for the United States' negotiating (Continued on Page 4)

## Navy award caps career for Macomber

Nearly 33 years as a civilian Navy employee, were capped by Bennie D. Macomber when he received the Navy Meritorious Civilian Service Award. Presented by Bill Porter, Naval Weapons Center Technical Director, on behalf of the NWC Commander, Capt. Douglas W. Cook. This is the highest award a Center commander can authorize.

A career that began at the Corona Navy Lab facility in 1958 and moved to China Lake in 1971, was marked with exceptional accomplishments. Prior to being given this prestigious award, Macomber earned the coveted L.T. E. Thompson Award in 1984, the Michelson Laboratory Award in 1986 and the Haskell G. Wilson Patent Award in 1987. He also received the William B. McLean Award in the late 1970s for his inventions in the field of guided missile proximity fuzing.

In awarding the Meritorious

Civilian Service Award to Macomber, Capt. Cook wrote, "Your creativity and technical expertise in active/passive radio



**SPECIAL HONOR—Bennie Macomber accepts the Navy Meritorious Civilian Service Award from Bill Porter, NWC Technical Director, at his retirement.**

## Squadron prepares 40th birthday bash

After 40 years of service to the nation, the Vampires of Air Test and Evaluation Squadron Five (VX-5) are throwing a party; and this is going to be a big one. Next Friday marks the beginning of their 40th Anniversary Celebration. The squadron will host visitors to Hangar One and sponsor a golf tournament on Friday. On June 1, the first Fitness Challenge Bike Ride/Fun Run will attract dozens of athletes. Wrapping up the day is the formal Dining Out celebration at the Carriage Inn.

Under the command of Capt. Raymond A. Kellett, the Vampires remain a vital part of Navy aviation. The squadron is the "final check" on all air-to-surface weapons used by U.S. Navy and Marine Corps aviators. Every air-to-surface bomb or missile used by sea service aviators in the Gulf War went through

operational evaluation at the hands of VX-5 pilots and flight officers.

Capt. Kellett and VX-5 invites area residents to visit the squadron at Hangar One from 10 a.m. to 1 p.m., May 31. Lt. Mary Ann Cruz, VX-5 public affairs officer, said vehicle passes and individual badges will be available to visitors at the Sandquist and Lauritsen road gates leading to Armitage Field. In addition, special parking areas are designated and sailors will direct visitors to these parking areas at Armitage Field.

Capt. Kellett said, "We are excited about the events planned. A lot of former squadron members, including several past commanding officers have said they hope to attend."

The squadron's Skipper also noted there has been one constant throughout the 40 years

of change in VX-5. "We continue to get the brightest and strongest men and women, officers and enlisted people the Navy has to offer."

For detailed information on the Fitness Challenge, which includes a 7.6 mile bicycle ride and a 5/10K Fun Run, see Page 15.

Many former members of the squadron are expected to return to China Lake to help celebrate this important milestone in VX-5 history. Among the former Vampires planning to help celebrate is VAdm. T.J. Walker (USN, Ret.) the squadron's first Skipper. He is the guest speaker at Saturday night's Dining Out. Capt. Kellett said Walker, a 1939 graduate of the Naval Academy, had a long and outstanding career following his opening of the VX-5 history. (More on VX-5's birthday, P-3)



# Commentary

## NWC Rocketeer

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## Pages from the Past



May 23, 1951

NOTS officials announced a traffic safety drive with an emphasis on stringent enforcement of traffic laws. Jay Aaron was the first name listed in the new Station directory and Marion Zurn was the last. Verna Tucker, a postal employee on-Station won the top prize at the Armed Forces Day drawing. Bill Dale won the IWV Skeet Club championship match. John Rinehart, William Allen and William White were featured in Newsweek for their research into firing projectile at speeds of more than 25,000 feet per second. Emil Blum was elected head of the China Lake Photographic Society.

May 27, 1966

Jimmy Craig of NOTS won the Indianapolis Speedway Balloon Race last week, beating the next other hot air balloon to the finish line by more than half a mile. The home of Mr. & Mrs. John Burkhardt at 52-B Rodman took first place in the NOTS "Yard Beautiful" competition. LCdr. Russell Myers, asst. PW Officer, spoke to the local Lions Club about his tour in Antarctica. The first Electromagnetic Hazards to Ordnance seminar

was judged a success by NOTS officials. PH1 Dave Hobbs is the Station's top Bluejacket. May 22, 1981

Mike Alely took home a Technical Director's Award for his work on the SLUFAR round's warhead and rocket motor. Work on the Coso Road began recently to allow better access to the geothermal drilling site. Capt. W.B. Haff, NWC Commander, installed Vivian Boultinghouse as new president of the Indian Wells Valley Council of the Navy League. Phil Nelson in the EW Department was promoted to master chief in the Seabee reserves. Paul Cuykendall, NWC's industrial hygienist, died at the age of 72.

May 23, 1986

A small chemical spill caused the evacuation of three wings of Michelson Lab and the Engineering Lab Monday morning. Chief Charles Garton and his daughter, SKSA Phyllis Garton, is the only father-daughter team in NWC Reserve Unit 0176. Steve Schaniel and Mary Moore took top honors in the Third Annual B-Mountain Bash. The first American Heritage Week was observed at the Naval Weapons Center.



**IMPROVING WORK ENVIRONMENT --** Valya Gillette from the AAAM/OABM Project Office gets a head start on the Naval Weapons Center's Spring Clean Up Day, set for June 1. On this day, employees are encouraged to clean workspaces, yards, etc. Call Jerry Morrison at 3411, ext. 342.



**EEO AWARDS LUNCH--**Capt. Douglas W. Cook, NWC Commander, receives his ticket to the June 5 EEO Awards Luncheon from Cdr. Cedric Knight, representing the American Heritage Week Committee. Cdr. Knight is the command representative to the committee, which sponsors the annual awards presentation. TID Photo

## China Lake Calendar

May 23

. . . IEEE Videoconference, 7:30 a.m. - Noon, NWC Training Center.

May 25

. . . All Faith Chapel Secretaries honored, Kerr McGee Center, 6 p.m.

May 25

. . . NWC Fellow Awards presented, 9 a.m., Michelson Lab, Room 1000D.

June 3

. . . American Heritage Week Fun Run/Walk, 11:30 a.m., O' Club parking lot.

June 5

. . . EEO Award Luncheon, 11:30 a.m., Seafarer Club

June 6

. . . American Heritage Week Food Booth Day, 11:30 a.m., Solar Park.

. . . BHS Grad Night, O'Club, 9 p.m.

*Items of Interest to the China Lake population may be placed in the CHINA LAKE CALENDAR by calling the NWC Rocketeer at NWC ext. 3354 before 11:30 a.m. on Monday before Thursday's publication.*

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YAMAHA BRIHEO 700, like new. 4700 miles - \$2,700. 446-3589.

### 40 MISC. FOR SALE

Commodore 64 with color monitor, disc drive, printer, joy sticks, paper, manual and instructions. 139 programs, games and workers, plus extras. Computer work center, desk, Hutch, printer stand & corner stand - ALL FOR \$700/OBO. W/O DESK - \$600/OBO. 446-7489.

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## NWC riders triumph

(Continued from Page 14)

LaFromboise garnered a time of 5:35:24, which put him in sixth place.

Weik, a member of the Engineering Department's Micro Systems Branch, marked up a time of 5:47:37, resulting in a 10th place finish.

In Category 3, out of 34 contestants, Anthony Kratz, of the Aircraft Department's Aircraft Support Division, placed 20th in 6:10:59.

A time of 6:46:42 put Larry Seibold, a RF Systems Evaluation Branch employee in the Intercept Weapons Department in 25th place in Category 4, which had 35 participants.

Kratz and Seibold are members of a local racing club, the High Sierra Cyclists.

In the citizen category, David George, a member of the Intercept Weapons Department's Sensors & Platforms Branch, took second place in the 18-34 age group in 6:05:28. VX-5's Cdr. C.T. Cuninghame clocked a 9:47:00, while Lt. John Zora, deputy for test and evaluation in the Aircraft Weapons Integration Department, who represented NWC military, checked in at 9:50:39.

Lt. Eric Disher, also from VX-5, didn't complete the race but reached his goal. "We hadn't done any training and my bike didn't really have the gears necessary for the trip from Lone Pine to Mt. Whitney Portal," he said. "My goal was just to complete the first day, which I did."

In the Citizen 35-44 age group, Dan Buckley captured the gold with his time of 5:58:50. This was faster than the time of the 18-34 age group winner. The next China Laker to cross the finish line was Joe Dunn, who clocked a 7:04:09, resulting in fifth place. Both Buckley and Dunn work in the Engineering Department. Chief Technician Brian Harshaw, a member of the Royal Air Force's Joint Trials Unit 35 at China Lake, finished 18th in 9:03:50. A photographer in the Technical Information Department, Tim Tyson, pedaled into 20th place with a finishing time of 9:14:46.

While not an official race participant, Chuck Lewis from Intercept Weapons Department's Advanced Signal Processing Branch, kept Harshaw company and crossed the finish line with him.

The top two spots in the Citi-

zen 45-54 category were captured by China Lakers. Larry Gleason of the Attack Weapons Department's Aerodynamics Branch, took first by clocking a 6:57:26. He was followed by Robert Glenn in 7:14:44. Glenn is in the Aircraft Weapons Integration Department's RF System Branch.

"This is one of the toughest races in Southern California," said La Fromboise. From comments heard from the participants, that may be understating the case.

Congratulations to those China Lakers who had the stamina to take part in this challenging race!

## CTS work continues

(Continued from Page 11)

The RCC switch site (Bldg. 31455) will require electrical and plumbing enhancements for the new air conditioning system being installed to protect the switch. The existing switch was moved to another room at RCC to allow the switch room to be modified to accommodate the new switch. The Salt Wells switch site (Bldg. 11530) will require electrical and plumbing enhancements for the new air conditioning system.

The SNORT site (Bldg. 25010) will require electrical and plumbing for the air conditioning system. Minor modifica-

tions will be made to the room to accommodate the new switch. Thompson Lab site (Bldg. 31433) will require electrical and plumbing for the air conditioning system and minor inside wall modification to accommodate the switch. The Ground/Air Range site (Bldg. 30994) construction will entail modifying a new room to house the switch. The CLPL site (Bldg. 10705) will require electrical and plumbing for the air conditioning system. A concrete slab was poured for the

portable power generator propane tank. The EWTES site (Bldg. 70001) will require electrical and plumbing for the air conditioning. A slab was poured for a power generator and propane tank.

This construction will not hinder the day-to-day work of the NWC employees in these areas. If there are any questions relating to this or any CTS topic, please call Nancy Guglielmo, Code 2712, NWC ext. 1157.

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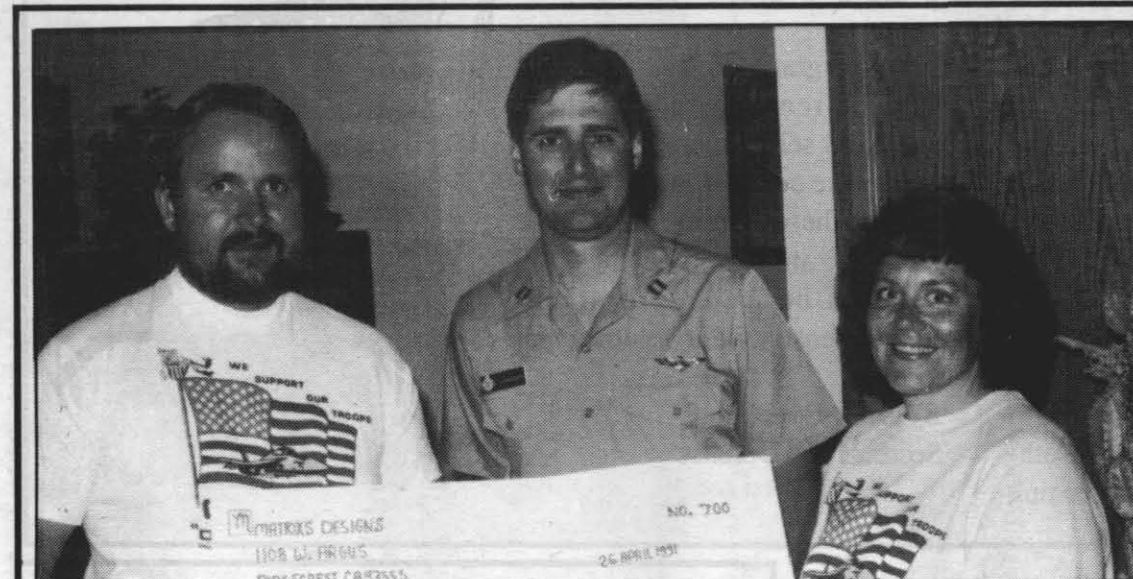
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# Military News



**SUPPORTING NWC TROOPS -- Jerry and Cathey Mattox of Mattox's Designs of Ridgecrest donated \$1 for every Operation "Desert Storm" t-shirt and sweatshirt sold to benefit local military families through the Navy-Marine Corps Relief Society (NMCRS). At the NMCRS course graduation luncheon on April 26, the Mattoxes presented a check for \$700 to Lt. Chris Sonderman, executive director of the NMCRS at China Lake.**  
TID Photo

## CHAMPUS:

Income tax refunds may cover old debts

People who have a delinquent debt to CHAMPUS, may find less money than expected from their federal income tax refund. Uncle Sam can tap those funds to get back money owed to CHAM-

PUS which hasn't been paid within a reasonable amount of time.

A spouse who doesn't owe CHAMPUS any money, but who files a joint income tax return

with a person who *does* owe money, may contact the Internal Revenue Service for assistance in protecting any part of the tax refund which may be payable to the person not in debt.

## VX-5:

Forty years meeting Naval Aviation needs

By Lt. Mary A. Cruz, VX-5 Public Affairs Officer

For VX-5, the last 40 years have gone by quickly -- far too quickly. Despite wishful thinking to the contrary, people come and people go, but history lives on. In the last 40 years, which ranks among the very best in naval aviation history, there can be nothing but praise and thanks to all the "Vampires" for 40 unforgettable years of professional excellence. You exemplified the "right stuff."

In 1951, they were the fresh young aviators and enlisted men who were called to develop and evaluate aircraft tactics and procedures for the delivery of airborne special weapons. This group of young men would become the members of air development squadron five (VX-5) commissioned on June 18 at the Naval Air Station (NAS), Moffett Field, Calif.

Cdr. T.J. Walker was the squadron's first commanding officer. The squadron consisted of 15 officers, 100 enlisted personnel and nine AD Skyraider aircraft. It was under the operational control of Commander, Operational Development Force and under the administrative control of Commander, Fleet Air Alameda.

New tactics and techniques were developed as

the squadron aircraft inventory began to include types other than the AD-1s. One "skill developer" aspect of VX-5's mission, the development of employment tactics for a one-of-a-kind weapon was demonstrated by the nuclear bomb delivered from carrier-based aircraft in the early fifties.

The "over-the-shoulder" technique, developed by VX-5 in 1954, practically tossed the bomb several miles to the target through a near supersonic loop that put the delivering aircraft well out of danger before bomb detonation. Later in 1955, the science of "loft-bombing," an alternative to the "over-the-shoulder" technique, was evolved and perfected under the tutelage of Capt. F.B. Gilkeson and made standard for fleet pilots.

By this time, the squadron aircraft inventory included the F-7U Cutlass, the Grumman F-9F-8D Cougar, the F-2H Banshee, the F-3D Skyknight and the A-3D Skywarrior, deemed to be one of the Navy's most valuable bombers.

VX-5 Detachment Alpha was established at NAS Sanford, Fla., for the purpose of conducting an operational evaluation of the A-5C Vigilante weapon system.

(Continued on Page 12)

## Navy/Marine Relief offers school help

Financing a college education can be a challenge. To help service members and their families realize their academic goals, the Navy-Marine Corps Relief Society (NMCRS) at China Lake and throughout the sea service community, offers a variety of student loans and grants.

Applicants must be the dependent child or spouse of a Navy or Marine Corps service member in one of the following categories: active duty, reservists on extended active duty, retired due to length of service or disability or deceased while in one of the other categories.

The programs available include:

•**Stafford Student Loan.** NMCRS sponsors this federal program which provides low-interest loans of up to 2,625 per academic year for the first two years and up to \$4,000 a year for remaining undergraduate years. The maximum total is \$17,250. Graduate students may borrow up to \$7,500 per academic year. Repayment is deferred until six months after graduation. Applicants must meet federal eligibility requirements.

•**Children of Deceased, Active Duty.** A combination of grant and interest-free loans at the discretion of the society, based on needs and circumstances of each applicant. Available for undergraduate and vocational training only.

•**Children of Deceased, retired service members.** Grants of up to \$1,000 a year based on the cost of attendance after offset by other financial aid. Available for undergraduate studies and vocational training only.

•**Active Duty Commissioning Program.** Grants up to \$1,000 per academic year based on need. Interest-free loans may be available under some circumstances. Available only to those enrolled in a commissioning program (NROTC, ECP, NESEP, etc.) and only for undergrad studies.

Application forms are available from: NMCRS Education Programs, 801 N. Randolph St., Arlington, VA 22203-1989. Or (703) 696-4904, AV-226-4904.

## Capt. Cook offers Memorial Day talk

Memorial Day services will be held at the Desert Memorial Park Cemetery in Ridgecrest on Monday, May 17. The proceedings will start at 9:45 a.m. Capt. Douglas W. Cook, NWC Commander, will be the honored guest speaker.

Participating veterans and supporting organizations will be the American Legion Post 684 and their auxiliary; Fleet Reserve Association, China Lake Branch 95; Veteran's of Foreign Wars Ship 4084 and their auxiliary; Pearl Harbor Survivors Association; Vietnam Veterans of America, Chapter 283; World War I Barracks; Chief Petty Officers' Association, China Lake; Navy Color Guard and Bugler, China Lake; Naval Sea Cadet Corps; Barbershop Harmony Society; Boy, Girl and Cub Scouts of America; BPOE Elks, Ridgecrest Lodge 1913; Fraternal Order of Eagles Aerie 3243; Knights of Columbus; Oddfellows Lodge 491; and Oddfellows Rebekah Lodge 412.

Luncheon will follow at the American Legion Post 684, 641 Inyokern Road. For further information, call Skip Bennett, Veterans Coordinating Council, at 371-2500.

## Exchange offers improved hours for better service

Customers are the primary concern of the Naval Weapons Center's Navy Exchange. And to better meet the needs of those customers, the Navy Exchange has changed its hours. Effective immediately, the main store will be open from 8 a.m. to 5:30 p.m. on Monday and from 8 a.m. to 7 p.m. on Tuesday through Sunday. The Mini-Mart hours are now 8 a.m. to 7 p.m. Monday through Sunday.



## Cheney offers Memorial Day tribute to those in uniform

On Memorial Day, our hearts are filled with solemn pride and heartfelt gratitude as we recall the tremendous sacrifices made in behalf of our country by members of the United States Armed Forces.

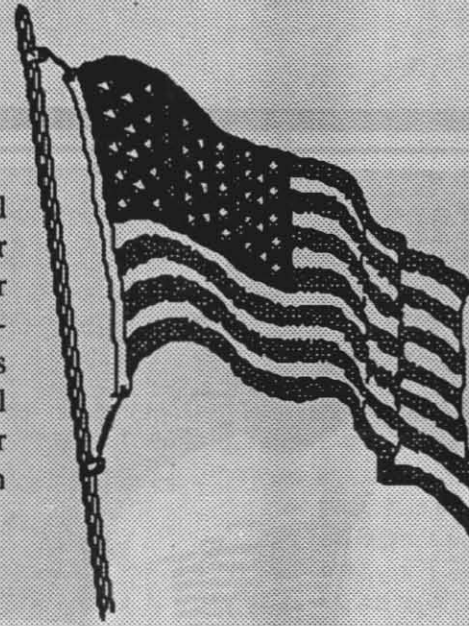
Today, we are especially mindful of those service men and women who took part in the recent struggle to liberate Kuwait and to deter ruthless aggression. Whether they offered support from these

shores or stood along the sands and off the shores of Saudi Arabia, they have reminded us of the courage, dedication and skill that American troops have always demonstrated in the defense of freedom.

Memorial Day is a time to pay special tribute to all those who have made the ultimate sacrifice to protect the lives and liberty of others. They have earned our lasting

respect and gratitude, and they will always be remembered for their bravery and selflessness. May their families take comfort in the knowledge that these heroic individuals did not die in vain, and may all Americans be inspired by their profound sense of duty, patriotism and honor.

By Dick Cheney  
Secretary of Defense



## Federal Executive Board honors eight from NWC

(Continued from Page 1)

stance in Geneva, Switzerland on this part of the INF Treaty," read the nominating statement.

Bryan was runner up in the Outstanding Supervisor and Manager Award category. He was nominated for superb leadership abilities and achievements while serving as NWC comptroller from March 1988 through February 1991.

"Bryan's management philosophy of continuous improvement reflects a strong, yet realistic, understanding of corporate goals, a consideration of the impacts on individual employees and a careful balancing of the risks and consequences of decisions and organizational change," read the nominating statement.

A general engineer and the Seeker Team leader for the Sidewinder AIM-9R in the Intercept Weapons Department, Marshall, was nominated for an Outstanding Supervisor and Manager Award.

"Marshall is one of those rare engineering managers who is capable of working exceptionally well in the mechanical and electronics engineering fields," read the nomination. "He is an extremely creative and innovative project manager and uses resources effectively. He is able to motivate his team even under extremely adverse situations dictated by heavy work loads and tight schedules."

Being a supportive supervisor and an objective manager resulted in Shibley being nominated for the Outstanding Supervisor and Manager Award. Shibley is the associate department head for the Human Resources Department and head of the department's Personnel Service Division.

"His style of being a coach and facilitator and his dedication to his employees, their issues, concerns and individual development, have built a highly effective team focused on providing quality service to the customer," read the nominating letter.

A program analyst in the Intercept Weapons Department, Weiss was nominated for the Outstanding Professional Employee Award for her achievements as the deputy for Program Planning in the Missile Homing Improvement Office.

"Weiss has demonstrated the highest standard of professionalism with the kind of dedication and competence which, without reservation, render her a most valued employee," read the nominating letter. "... Furthermore, she displays the leadership style which distinguishes 'effective' managers, i.e.,

over and over she has demonstrated the ability to work effectively with all Center codes, contractors and sponsors. She is well respected by the sponsors for her expertise and responsiveness."

The performance of an heroic act resulted in King being nominated for the Outstanding Professional Employee Award. As a detective sergeant with the Investigations Branch of the Law Enforcement Physical Security Division, King entered a burning building and was instrumental in bringing an unconscious woman to safety.

"It is evident by Sergeant King's actions that he risked his own safety to save the life of another" read the nominating letter. "Had it not been for Sergeant King's quick response in entering the burning house, a strong probability existed that the female victim would have lost her life."

Creativity and initiative led to Downing's nomination for the Outstanding Clerical Employee Award. A secretary for the Intercept Weapons Department's Missile Homing Improvement Office, Downing is credited with improving office efficiency and helping train other department personnel handling classified material.

"Downing has been an exceedingly proficient and conscientious employee, dedicated to excellence in all her endeavors," read the nominating letter. Dedication and willingness to give a helping hand earned Moldenhauer the nomination for the Outstanding Clerical Employee Award. As a personnel assistant in the Human Resources Department's Personnel Service Division, Moldenhauer has provided outstanding personnel support for approximately 650 employees.

"Moldenhauer continually demonstrates her outstanding technical competence in performing various personnel clerical and technical support duties, as well as her ability to manage an overwhelming workload," read the nominating letter. "She is respected not only for her expertise in personnel procedures, but for her cheerfulness and concern for others. ... (she) makes a special effort to ensure every individual she comes in contact with is given the best service possible."

The Distinguished Public Service Awards Program, established in 1974, serves to say thank you to public employees for dedicated service, and to inform American citizens about the range and quality of vital services provided by these employees.



## Divine Services

Protestant	
Sunday Worship Service, East Wing	8:00 a.m.
Sunday Worship Service, Main Chapel	10:30 a.m.
Sunday School, 1008-10 Blandy & 1903-05 Mitscher	9:00 a.m.
Bible Study (East Wing), Wednesday (September thru June)	11:30 a.m.
Men's Prayer Breakfast, East Wing, Thursday	6:30 a.m.
Officers' Christian Fellowship/Christian Military Fellowships, East Wing, Thursday	7:00 p.m.
Islamic	
Jumaa Prayer (Friday at 1006 Blandy)	12 (noon)
Roman Catholic	
Sunday Mass, Main Chapel	9:00 a.m.
Daily Mass, Small Chapel	11:35 a.m.
Confessions, Weekdays	By appointment
Religious Education Classes (Sunday) (September thru May)	10:30 a.m.
1902 Dobb, 1002 Blandy, 1008-10 Blandy & 1903-05 Mitscher	
Jewish	
(NWC ext. 2851)	
Weekly Services (Friday - East Wing)	7:30 p.m.
Adult Hebrew Lessons (Saturday at 1004 Blandy)	3:00-5:00 p.m.
Religious Education (Sunday at 1004 Blandy)	9:00 a.m.-12 (noon)
Chaplain S. A. Casimano, LCDR, CHC, USN	
Chaplain G. L. Goodman, LT, CHC, USNR	
Andy Busch, Student Rabbi	
Hearing Impaired Equipment, Nursery Available	
Phone NWC ext. 3506, 2773, 2873	



**WHAT'S MISSING? — You are. If you need a course, but don't tell anyone, NWC's Training Center may not offer it. Participate in the Annual Survey of Training Needs.**

**There are courses to choose, opportunities to lose. So get off the dime, take a little time. Be glad you did peruse.**

**Discuss your training needs with your supervisor before May 30.**  
TID Photo

## JP food booth help is needed

Junior Professional employees will sponsor a food booth during American Heritage Week's food day on Thursday, June 6. Food sales will raise money for the JP Social Fund and allow NWC's JPs to have a variety of events to assist them in networking with their peers.

Volunteers are needed to prepare food in advance and work at least an hour and a half on June 6. Duties include decorating the booth for the "A Blending Tapestry of Cultures" AHW theme, food service, cashier and clean up. Call Pat Baczkiewicz at NWC ext. 3371 for details or to sign up for work.

**NWC HOTLINE**  
Integrity, efficiency program  
Call: NWC ext. 3636 (24 hours)  
or call the Inspector General at:  
(800) 522-3451 (toll free)  
288-6743 (Autovon)  
(202) 443-6743 (commercial)



**digital** Equipment Corporation's  
NWC Basewide Micro VAX Contract  
now includes  
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**Contract number N00123-86-D-0574 (expires 9/30/91)**  
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### CLIN 10AA:

VAX4000 Model 200 Time-sharing System \$24,720.00

5 VUP CPU with:

- \* VMS 10 user license
- \* DECnet and node license, with PATHWORKS for VMS
- \* 8 MB memory (expandable to 64 MB)
- \* DSSI 4 MB/sec disk controller with 381 MB disk drive (expandable to 21 GB)
- \* 296 MB TK70 cartridge tape drive
- \* Ethernet controller (both thinwire and standard)

### CLIN 10AB:

VAXstation 3100 Model 76 Workstation \$16,913.90

7.6 VUP CPU with:

- \* VMS, Desktop - VMS, VAXcluster, DECnet, VWS
- \* DECwindows (incl. OSF/Motif developers license)
- \* 12 MB memory
- \* 19" 1280 X 1024 grayscale monitor
- \* 8-plane SPX graphics accelerator
- \* 1.4 MB 3.5 inch floppy disk
- \* Dual SCSI with 209 MB disk drive and 95 MB tape drive
- \* Ethernet controller (both thinwire and standard)
- \* Keyboard and mouse

**Contact the COTR<sup>1</sup>, Linda McCauley, at 939-3395**

<sup>1</sup>Contracting Officer's Technical Representative



# Center offers variety of training classes

## Breast Cancer Prevention Seminar (1 hour)

May 30, Thursday, 1600-1700, Training Center. By Cheryl Haun.

Scope: Every woman is at risk for getting breast cancer. The American Cancer Society has developed the Special Breast Health Program to help you feel more hopeful and less fearful about breast cancer; adopt the American Cancer Society breast cancer detection guidelines into your total health care plan; recognize quality in early detection examinations; practice breast self-examination confidently and

## Madrigal visits

Dr. Orlando Madrigal of Cal-State University Chico will be on-Center May 24 to advise current and prospective students in the external computer science degree programs offered by the school.

To make an appointment, call Denise at NWC ext. 2648.

## Counselors advise CSUB students

Academic counselors of California State University, Bakersfield will be on-Center May 31 to advise current and prospective students in external degree programs for business administration and public administration offered by the school at the Naval Weapons Center.

To make an appointment to see one of these counselors, please call Denise at NWC ext. 2648.

## Reassignments

(Continued from Page 19)  
proposals to establish or change the configuration baseline of any EWTES project; provide inputs to the development of all the CADM data bases and to the improvements of the portions already developed; maintain a schedule for and work with system engineers to periodically review the hardware configuration, software, drawing, publication, firmware, and data packages; provide updated inputs based upon review as to whether the information needs to be placed in historical file and/or archived; conduct configuration audits as directed; review proposed equipment and software development contracts to ensure a CADM program is included, and the contract wording allows an orderly transition of configuration data to the CADMO. To apply, submit a current 171 to B.L. Hill. Code 64404. Previous applicants need not apply.

competently; and act promptly and assertively if you find any breast changes.

Note: This class is on a walk-in basis only. Point of contact is the Wellness Program Office, NWC ext. 2468.

X408.4: Legal Aspects of Government Contract Management

(36 hours)

June 26-Sept. 11, Wednesday, 1700-2000, Training Center. By Lloyd Crabtree, NWC ext. 3411, ext. 382.

Prerequisite: X408.1: Elements of Government Contract Administration or consent of instructor.

Intended Audience: Participants

## GERALD T. HUNTLEY

Attorney At Law

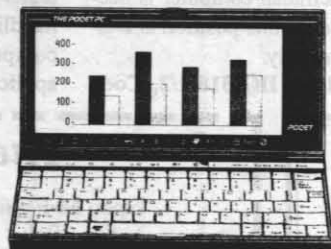
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# VFW SHIP 4084

You Are Cordially Invited To Attend The Installation of the 1991-92 Officers of Lloyd E. Frost Ship #4084 and Its Auxiliary

Saturday, May 25, 1991 at 2:00 P.M.

V.F.W. Hall  
117 N. Alvord St., Ridgecrest

Heavy Hors D'oeuvres will be served following the ceremonies.

Please plan to join us for this festive occasion

of UCSB Certificate Program in Government/Contract Management.

Scope: This course provides legal analysis of award and administration of contracts; sources of government contract law; legal principles applied to problems involving data and

patents; formation of contracts -- terms, conditions, specifications, interpretation; bids and proposals, sales; inspections; warranties; changes and amendments; equitable adjustments and damages; default and convenience, terminations, remedies.

Deadline: June 12.

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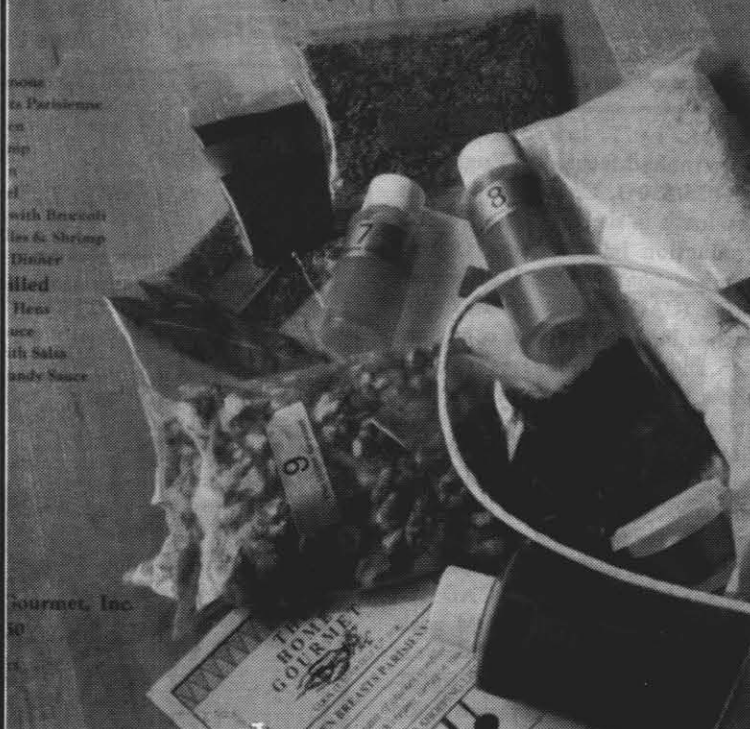
## Sand Sierra

115 E. California (619) 371-1302

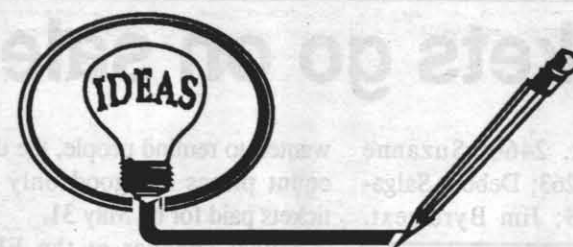


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Prepare a flawless gourmet dinner the easy way! Use a Home Gourmet Dinner-in-a-Bag! Add a bottle of fine wine, light the candles, then finish off dinner with a cup of flavored gourmet coffee. You will have created a memorable dining experience! All available at The Gourmets Cache in Village Plaza, corner Drummond & Heritage, 446-6822



## The Key to Continuous Improvement

### Making IDEAS happen!

During the first two weeks in May, the IDEAS office received 24 IDEAS. This makes a total of 62 IDEAS from 52 NWC employees since the April 1 start-up. Listed below are the newest ideas to come in the office. If you want further information about any of them, just call us at NWC ext. 2311. We're here to help you.

039, Marking of Approved Degaussers, Diana Heeke; 040, Rebadging Delay, Richard Barr; 041, Plastic Card for Service and Organization Pins, Richard Barr; 042, Computer Control, Richard Barr; and 043, Formats for Tech Base Inputs, Stacey Howard.

Other IDEAS included 044, Work Hour Changes, Donald Cornelius; 045, Mich Lab North Door Poles, Gerry Powell; 046, Justify Access, Jim Rudeen; 047, Leave Swapping, Pat Oliver; 048, Fix Hanger #3 A/C Power Units, Darrell Douglass; and 049, Disaster Preparedness Supplies, Al Cleland.

Additional IDEAS were 050, Recycle Receptacles, Marsha Gabri; 051, Training Plan Submittal Date, Larry Brauer; 052, Supervisor's Performance Rating, Naomi Norris; 053, W-2 Form Improvement, Fran Rugg; 054, Fuze/AFD Remote ID Monitor & Control, Terry Mun-singer; 055, Explosive Certification ID Cards, Ben Parsons; and 056, Low Cost Fellowship Program, Hau Nguyen.

Finally, 057, Streamline Annual Training Plan Inputs, Betsy Chartist; 058, Acting Branch Heads, Carol Burge; 059, Safety Standdown Class Scheduling, C. A. Johnson; 060, Safety Training Pre-registration, Kendall Short; 061, Branch Safety Meetings, Sandra Davis; and 062, Distribution of the Plan of the Day, CDR James Williams.

## CLP officers use radar to catch speeders

Motorists on board the Naval Weapons Center (NWC) are reminded that China Lake Police (CLP) officers enforce state and NWC traffic regulations. Areas of concentration for radar traffic enforcement for next week are listed below. •Friday -- Inyokern Road. •Monday -- Blandy Avenue. •Tuesday -- Burroughs Ave. •Wednesday -- Lauritsen Road. •Thursday -- CLPL Road.

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Sat. 10-2

371-3247

667 S. Richmond Rd.  
(Across from the fairgrounds)

## Sunday Breakfast Buffet

The Ladies Auxiliary to the Veterans of Foreign Wars, Ship 4084, will again host a Sunday Breakfast Buffet.

May 26, 8:00 a.m. to 11:30 a.m.

at:  
VFW Ship 4084

117 N. Alvord St., Ridgecrest

## Center traffic safety rules protect the motorists

Safety rules protect property and people. But to be effective, they must be obeyed. Therefore, the China Lake police have been tasked with applying stricter enforcement measures to ensure motorists onboard the Naval Weapons Center are complying with traffic safety rules -- the wearing of seat belts and Navy instructions for motorcyclists.

Studies by the National Safety Council and the U.S. Department of Transportation show approximately 15,000 lives could be saved annually by safety belt usage. Traffic safety professionals throughout the world rate safety belts as the number ONE safety system for saving lives and reducing serious injuries.

Motorcycle safety is also important. During 1990, 40 active duty Navy personnel were killed while operating motorcycles nationwide. Military or civilian personnel who operate a motorcycle on-Center must comply with the following:

1. Complete an approved Naval

Safety Center Motorcycle Safety and Rider Training course.

2. Drive with headlights on at all times.

3. Wear a properly fastened protective helmet that meets U.S. Department of Transportation standards.

4. Wear proper eye protection devices that are impact or shatter resistant.

5. Wear long-sleeved shirt or jacket, long-legged trousers and full-finger leather or equivalent gloves.

6. Wear hard-soled shoes with heels.

7. Must wear an outer garment, yellow or orange vest with one-and-a-half inches to two inches-wide vertical or horizontal retro-reflective stripes, front and back.

Vehicle operators or occupants who fail to wear safety belts and or use proper safety equipment are not only increasing their chances of being seriously hurt if involved in an accident, but are also violating laws and regulations which govern such acts.

For more on safety rules, call the Law Enforcement Physical Security Division's Investigations Branch at NWC ext. 2947.

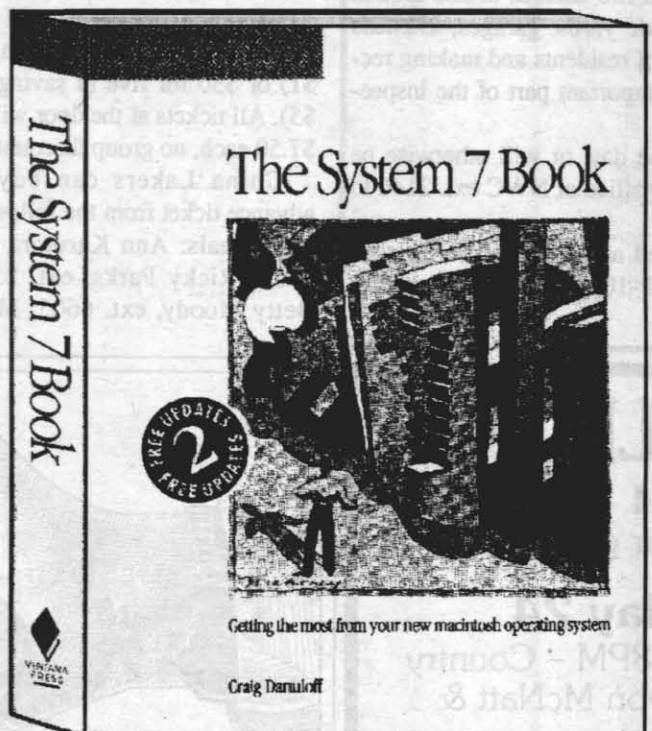
## THE BURNERS, LIVE!

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Friday, May 24th - 9:00 p.m.

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\$5.00 \$5.00 OFF \$5.00  
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Expires 5/31/91  
\$5.00





### INSPECTION—China Lake fire fighters Justin Muhlhauser and Mike Farage, check the garage of Center resident Cindy Barber for any fire hazards. All Center homes will be checked. NWC Fire Division opens annual effort to inspect all residences

Inspectors from the Naval Weapons Center Fire Department start their annual fire safety inspections of residential dwellings on Monday, June 3. With the cooperation of Center residents, fire inspectors hope to complete the task by June 14.

All occupied family housing units will be inspected during this period. Fire inspectors will go door-to-door from 8 a.m. to 5 p.m. Since the goal is inspection of every occupied residence on-Center, some inspections may be scheduled after normal working hours or on weekends.

Teams will not inspect vacant units and will not enter a home without an adult member of the family at home for the inspection.

Officials from the Safety and Security Department's Fire Division urge all Center residents to participate in this fire prevention effort. Inspections make families aware of the the important of fire safety.

Fire inspectors will point out potential fire hazards in and around the home. Areas of concentration include yards, garages, kitchens and living rooms. Answering questions of residents and making recommendations for improvements is an important part of the inspection process.

Center residents who work during the day, or will otherwise be gone, are asked to call the Fire Division office at NWC ext. 2146 to arrange for a special inspection.

Residential inspections are conducted annually by the Center's Fire Division as required by NAVFAC P-1021 and NWC Fire Prevention Regulations.

## EEO Lunch tickets go on sale

Excellence in Equal Employment Opportunity by a Naval Weapons Center employee, an NWC supervisor and a Center department will be recognized at the EEO Awards Luncheon on Wednesday, June 5. The event is set for the NWC Seafarer Club at 11:30 a.m.

The highlight of NWC's Fifth Annual American Heritage Week celebration, the EEO Awards focus on the people at NWC have really made a difference in the EEO and Affirmative Action arenas. These are individuals, and the members of an entire department who go out of their way, who do more than expected and who never shrink from the challenge of EEO.

This is the first year of making the presentations at a Seafarer Club luncheon. Ricky Parks and Ann Kurotori, co-chairs of the American Heritage Week Committee, said they hoped to attract a lot of friends, family of co-workers of individuals nominated for these awards.

Advance discount tickets are now on sale by a number of NWC employees. Advance tickets must be paid for by close of business on May 31.

The lunch menu is a chick croissant sandwich, fruit, desert and beverage.

Advance tickets are \$7 per person; \$13 for two (a saving of \$1) or \$30 for five (a savings of \$5). All tickets at the door will be \$7.50 each, no group discounts.

China Lakers can buy an advance ticket from the following individuals: Ann Kurotori, ext. 3129; Ricky Parks, ext. 2348; Betty Moody, ext. 6605; Maria

Bridgeo, ext. 2460; Suzanne Cordes, ext. 2263; Debbie Salgado, ext. 3979; Jim Byrd, ext.



3411; Young Kim, ext. 1692; Tonny Verkuyl, ext. 2146; LuAnn Schoen, ext. 3628; Sue Prasolowicz, ext. 2478; Roger Peck, ext. 2686; and Socorro Ramirez-Williams, ext. 3517.

Parks and Kurotori said they

wanted to remind people, the discount prices are good only on tickets paid for by May 31.

Guest speaker at the EEO lunch will be Dr. Gary Weaver, a professor of international and intercultural communications at the American University, who is teaching two seminars on multicultural changes in the U.S. as part of American Heritage Week. On June 5, he will teach a morning session in the NWC Training Center on "When Cultures Collide." The next day, June 6, his topic will be "The Melting Pot Myth vs. The Cultural Cookie Cutter." Both sessions start at 8 a.m. in Room 107 of the Training Center. Enrollment is on a walk-in basis only. Space is limited.

On repeat business: "makes an excellent software-development workstation" said our customer this week as they bought 6 more of this system (their 13th—18th of our systems).

### 486 Workstation \$2,495

25MHz 486  
89MB  
Workstation



deluxe full  
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Computing Technology's

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251 Balsam St. 375-5744 quality, service, price

**486 System:** 25MHz 486 system with video-RAM & system BIOSes optionally relocatable to 32-bit high-speed RAM, 128K cache, separate I/O-bus clock, standard-AT bus controller subsystem for complete compatibility with XT & AT cards. Complete system w/super full-tower case, **89MB extra-high-performance** hard disk drive, integral 486 floating point processor with 8K cache, 1MB RAM (motherboard holds up to 16MB), 1 parallel & 2 serial ports, MS-DOS 4.01, 1.2MB/360K floppy disk drive, high resolution monochrome monitor & enhanced keyboard. 3-year parts and labor warranty on entire system.

## Qualified employees sought for NWC positions

(Continued from Page 18)

Systems (RIPS), a major range instrumentation system. This center supports many aspects of range testing and is crucial to controlling tests and providing data to range customers. Incumbent will provide technical support to this system; operate, maintain, and repair large sophisticated computer systems including peripherals; and gain familiarity with video systems and data interfaces. **Job Relevant Criteria:** Ability to develop and interpret schematics and engineering drawings; skill in operating computer systems; ability to maintain, calibrate, and troubleshoot electronic equipment; knowledge of communications systems; knowledge of NWC test range operations. Promotion potential to DT-3. Previous Applications Need Not Reapply.

No. 62-018, Electronics Techni-

### Reassignment opportunities

This column is used to fill positions through reassignment only. For this reason, the Reassignment Opportunity Announcements are separate from the Promotion Opportunities column in the Rocketeer. Applications will be accepted until the date stated in the announcement. Employees whose work history has not been brought up to date are encouraged to file an SF-171 or 172. All applications must meet minimum qualification requirements established by the Office of Personnel Management. Information concerning the recruitment and placement program and the evaluation methods used in these reassignment opportunities may be obtained from Personnel Management Advisors (Code 096 or 097). Applications should be filed with the person whose name is listed in the announcement. The Naval Weapons Center is an Equal Opportunity Employer.

No. 64-027, Interdisciplinary (Electronics/Mechanical Engineer), DP-855/830-3, Code 64404 - This position is in support of the EWTES Production Improvement Office, Configuration and Data Management Office (CADMO). Applicants must possess the knowledge of configuration and data management disciplines. Applicants should also have knowledge of and experience with Government Drawings Standards, problem solving techniques, and data analysis. The incumbent's position involves the following duties: serve as a technical staff specialist and consultant for the EWTES CADMO; review the long term CADM goals and make inputs to the five-year plan; monitor and guide the fulfillment of the CADM implementation plan; help maintain the EWTES CADM plan; review the project CADM plans and the CADM procedures manuals; maintain the specifications for and assign configuration baselines specifications; work with EWTES system engineers to define and review the configuration requirements to establish the various baselines; review the technical aspects of

(Continued on Page 20)

clan, DT-856-2/3, Code 62203 - This position is located in the Frequency Management Office of the Range Department. The incumbent is responsible for the monitoring and scheduling of the RF spectrum on the NWC north ranges. Duties include: supervising fixed and mobil frequency monitoring facilities; coordinating RF requirements and other installations and the Western Area Frequency Coordinator; validating range RF targets; and assisting in the preparation and processing of frequency assignments and allocations. **Job Relevant Criteria:** Knowledge of electronic equipment and procedures to receive, process, and record RF signals; knowledge of digital and/or analog circuit design; skill in operating computer systems; skill in installation, maintenance, and repair of electronics equipment; ability to communicate orally; ability to communicate in writing. Promotion potential to DT-3, but not guaranteed.

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Applicants will be rated against four or more of the following job relevant criteria: (1) ability to perform receptionist and telephone duties; (2) ability to review, track, screen and distribute incoming mail; (3) ability to review outgoing correspondence; (4) ability to compose correspondence and/or prepare non-technical reports; (5) knowledge of filing systems and files management; (6) ability to meet the administrative needs of the office; (7) ability to train clerical personnel and organize workload of clerical staff processes; (8) ability to plan and coordinate travel arrangements; (9) ability to maintain and coordinate supervisor's calendar and to arrange conferences.

Unless otherwise indicated, applicants for branch secretary will be rated on elements 1/2/3/5/8; division secretary applicants will be rated on elements 1/2/3/4/7/8/9; Program Office secretary applicants will be rated on elements 1/2/3/4/5/8/9; and department secretary applications will be rated on elements 4/7/8/9. A SUPPLEMENTAL FORM IS REQUIRED AND MAY BE OBTAINED IN ROOM 100 OF THE PERSONNEL BUILDING.

No. 31-014, Secretary (Typing), DG-318-1/2, Code 3131 - The incumbent will provide secretarial and administrative support to the Radar Warning Receivers (RWR) Branch. Ability to operate a Macintosh computer is necessary. The full performance level of this position is DG-2. Previous applicants need not reapply.

No. 39-012, Secretary (Typing), DG-318-1/2, Code

39B10 - Incumbent provides secretarial support to the Sidewinder Technical Office, Intercept Weapons Department. Accurate knowledge of DoD and Center correspondence guidelines, travel regulations, and proper classified handling procedures is desired. Knowledge of Macintosh computer is also desirable, but not required. Previous applicants need not reapply.

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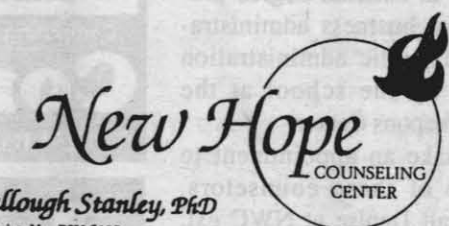
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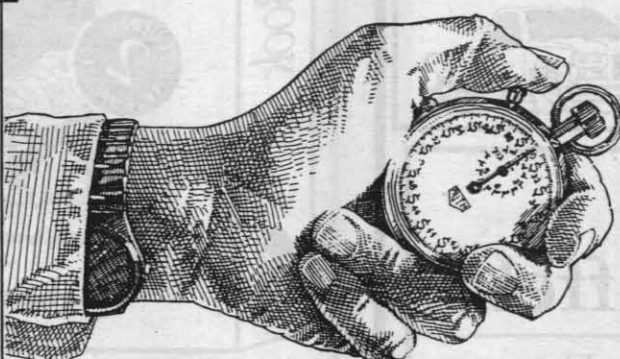
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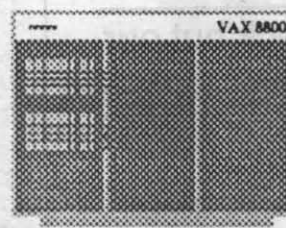
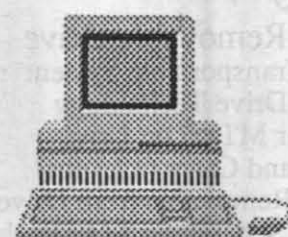
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## NWC Varsity Softball League play impressive in second tourney

Winning seven games out of nine in the second tournament of Desert to the Sea tournament play put the Naval Weapons Center's Varsity Softball team in second place in Navy competition for Southern Pacific competition, noted ACC Leon Hillewaert, captain for the NWC team.

While lack of hits hurt the NWC team in the first tournament, players made up for it in the second. "As a team, we hit a .550 average," noted Hillewaert. "Any team that bats that good, is going to win."

AE3 Terry Boren led the team by batting .700, followed by AMH3 Ryan Henricks, who had a .667 average. Other top hitters were AC2 Dennis Love (.645), AOAN Roosevelt Rankins (.600),

Hillewaert (.563), AC3 Jason Langston (.552), ADAN Jeff Gibbons (.533) and PR2 Ronald (Tazz) Clark (.517).

The NWC team defeated Long Beach (10-1, 5-4), Los Angeles Air Station (11-9, 12-11), and

Point Mugu (18-10, 30-20) both times they faced the teams. The seventh win came when the local team went against Port Hueneme, defeating them 13-10 in one of their matches.

Port Hueneme took the second

game with NWC, 11-6. According to Hillewaert, Edwards Air Force Base's squad bested the China Lake team 25-3 the only time they met in the tourney. NWC has yet to beat Edwards this season.

Hillewaert noted the team has high expectations of moving up to second place when they face the five teams again at China Lake the weekend of June 22. But most of all, they want to beat Edwards!

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## McNeely, Miller among NWC's very best at EEO

Two veteran China Lakers demonstrated unusual dedication to Equal Opportunity Employment principles in the past year. For this dedication, one of them will win the EEO Employee of the Year Award from the Naval Weapons Center. James McNeely of the Engineering Department and Linda Miller of the Aircraft Weapons Integration Department turned their desires to help others into benefits for NWC and other individuals.

Bob Riggs, head of the Engineering Department, nominated McNeely, saying "his actions are an excellent example of the spirit of EEO and deserve to be rewarded." McNeely, a paraplegic himself, got deeply involved in helping others in the area when he helped Burroughs High School provide driver's education training for two paraplegic students.

From this beginning arose a friendship, an entry into the student mentor program by McNeely and one of the students

(Arnold Galeana) and on-going benefits to the student and the Navy. McNeely not only took on duties of a mentor, but helped the student gain the math and physics background needed to be a meaningful participant in the program.

Riggs said in the nomination letter, "Jim has consistently demonstrated a genuine concern for Arnold's development as a valuable NWC mentor student/employee and as a person with the desire to develop skills that will be marketable."

Linda Miller's nomination by H.D. Spoons, head of the A-6 Branch of Code 31, cited her interest in and involvement with the technical mentor program. She has been the mentor to three high school students, two of whom are still valuable contributors to the office.

She advises students working with her on college choice, academic majors and other aspects of college life. Spoons notes the program was implemented to benefit

minority, disadvantaged and female high school students by providing opportunities to work in the technical arena. "Linda Miller is the epitome of the ideal technical mentor. She strives earnestly to ensure her students derive the maximum benefit from their experience in the branch."

Capt. Douglas W. Cook, NWC Commander and Center EEO Officer, will present the EEO Employee Award during the annual EEO Award ceremony, Wednesday, June 5, in the Seafarer Club.

The June 5 awards ceremony highlights NWC's Fifth Annual American Heritage Week celebration. For details on tickets to the event and the guest speaker see story on Page 6.

**Augstin Lira & 'Alma' top Heritage Week's entertainment**

Augstin Lira and "Alma" will perform in the Naval Weapons Center's Solar Park

on June 6. The performance of this internationally known artist is part of the American Heritage Week Celebration June 3-6. The musical group provides entertainment for the Food Booth Day of the AHW event.

Lira has been an influential figure in music and theater for more than 25 years. He has won the New York *Off Broadway Award* and the *Los Angeles Drama Critics Circle Award*.

Today, Lira continues to delight audiences with his unique voice and original compositions. With Patricia Wells Solorzano and David Gomez joining him, Lira and "Alma" sing about the Chicano/Latino experience. The performance blends Mexican traditional, Afro-Latin folk and contemporary styles. Among the festivals to their credit are the Festival of American Folklore in Washington, D.C. and the Latin American New Song Festival in San Francisco.

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# MWR

## NWC's outdoor pools open under new names

New names have been chosen for the Naval Weapons Center's outdoor pools. The pool formerly known as the Officers' Club Pool has been renamed the China Lake Community Pool and the former Enlisted Club Pool is the Solar Park Pool.

The China Lake Community Pool will open this weekend from 11 a.m. to 12:30 p.m. for lap swim and 12:30 to 7 p.m. for open swim. These hours will also be effective the next weekend (June 1-2).

Starting June 8, summer hours will be in effect. The China Lake Community Pool will be open 11 a.m. to 12:30 p.m. for lap swim and 12:30 to 8 p.m. for open swim Monday through Friday, with a family swim night scheduled for 7 to 9 p.m. on Thursdays and adult night set for 7 to 9:30 p.m. on Fridays. (Patrons under 18 years of age will be asked to leave the pool after 7 p.m. on Friday nights.) Saturday and Sunday hours will remain 11 a.m. to 12:30 p.m. for lap swim and 12:30 to 7 p.m. for open swim.

The Solar Park Pool will be used for swimming lessons from 8 to 11 a.m., water volleyball/basketball from 11 a.m. to 1 p.m., and swimming lessons and special programming from 1 to 8 p.m. The pool area will also be available for sunbathing, with an occasional dip when a daily fee is paid.

For more information, call NWC ext. 6542.

## Wet 'n Wild discount tickets are now available at Craftertech

Craftertech now has discount tickets for Wet 'n Wild, the water amusement park in Las Vegas, Nev.

Wet 'n Wild features 15 acres of rides, slides and numerous recreational amenities, including two acres of land with sand volleyball courts, horseshoe pits and plenty of shade and grassy areas. The "Picnic Plaza" can be reserved for groups of 250 people or more.

Discount tickets are only \$13.25 for adults and \$10.85 for children. Regular prices are \$15.95 and \$12.95.

## NWC Youth Soccer League players face stiff competition, windy days

Youth playing in the Naval Weapons Center's Youth Soccer League faced stiff competition and windy weather this past weekend.

In Division I, the Coyotes triumphed over the Aztecs, 2-0; while the Cobras narrowly surpassed the Stallions, 1-0; and the Owls swept the Express, 6-1. Lead scorer in the division was Tyler Curran (Owls) with two goals. Other scorers were Eric Windish, Jack Kennedy, Christina Hill, Ryan Bell, Jon Parker, Daniel Becker, Evan Arnold and Chad Collins.

The Wolves beat the Earthquakes 3-0 in Division II, while the Rockets triumphed over the Whitecaps, 2-1; and the Roughnecks bested the Diplomats, 2-1. Jarek Giraldo (Wolves) was the division's top scorer with two goals, followed by Robert Charlton, Matt Bloudek, Richie Tyburski, Leland Ratcliff, Michael Dorrell and Brandon Tunnell. The Diplomats did

not turn in a score sheet.

In Division III, the Appollos stopped the Sounders, 6-0, and the Cougars overwhelmed Manchester United 5-0. Top division scorers were Aaron Marshall and Willie Eichenberg (both from the Cougars), who knocked in two goals each. Other scorers were Rory L'Hommedieu, Matt LaBarre, Jerome Webber and Eric Johnson. The Appollos and Cougars were the only teams who turned in a score sheet for this division.

The Eagles were victorious over the Goalbusters, 2-1 in Division IV, while neither the Soccors or the Jets could best the other, ending in a 2-2 tie. Top scorer in the division was Jamie Critchfield (Eagles), who scored two goals. Other scorers were Danny Caffery, Johnathan David and Chris Peters. The Jets did not turn in a score sheet.

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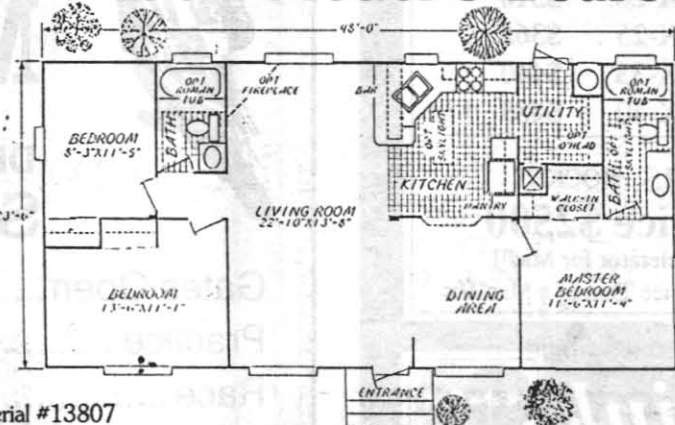
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## VX-5 issues invitation to birthday celebration



Air Test and Evaluation Squadron Five (VX-5), is having a birthday! And members of the squadron are inviting all military and DoD personnel, as well as private citizens to help them celebrate their 40 years by taking part in a 7.6 mile Bicycle Ride, 5/10K Fun Run on June 1.

The fun starts 8 a.m. at the junction of McIntire and N. Dibbs roads. Cost is \$12 per person. Proceeds will help offset the cost of the birthday celebration activities and to support the VX-5 MWR fund.

All participants will receive a 40th Birthday Celebration T-Shirt and awards

will be given in all categories. For those registering the day of the race, t-shirts will be given at a later date.

For more information, call NWC ext. 5061. Don't miss out on a fun time. Register today!



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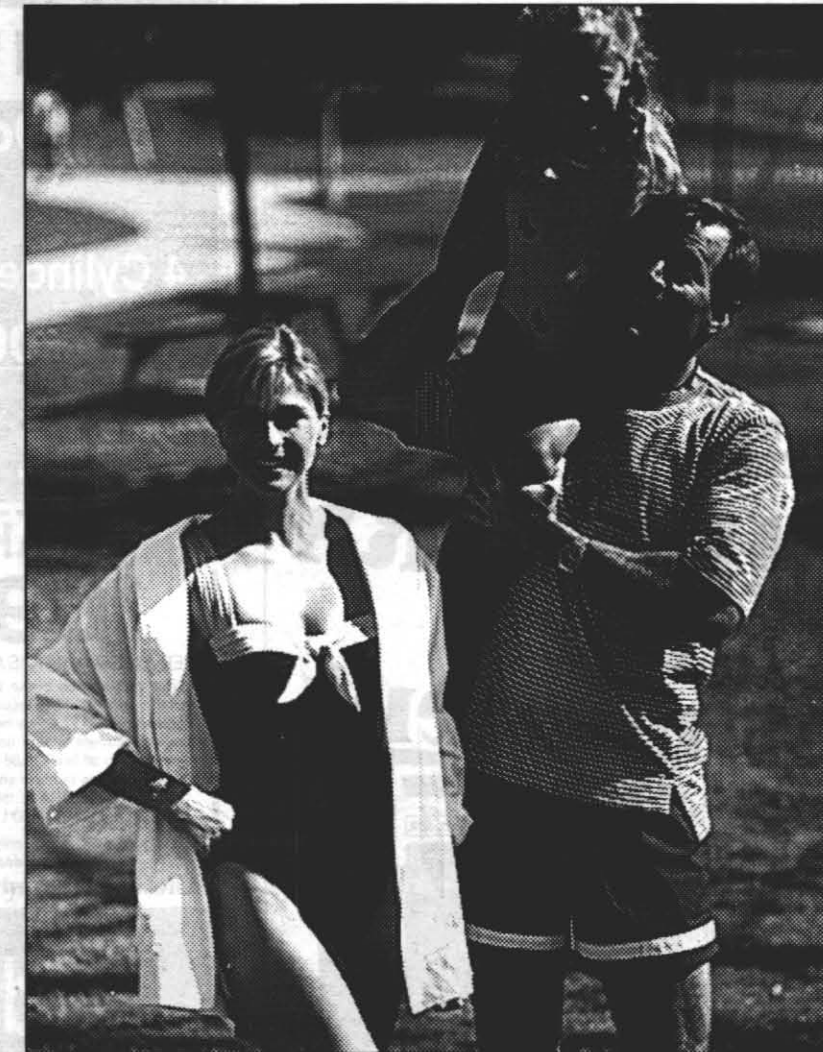
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# Sports

## China Lakers participate in grueling race

In a stiff challenge to anyone's health and fitness, 15 China Lakers competed in the annual Death Valley to Mt. Whitney Bike Race early this month. The 15 people, 11 civilian employees, three military members and one Royal Air Force technician, became part of a select group of bicyclists to take this challenge.

Riders covered 100 miles in two days, starting at sea level near Stove Pipe Wells and pedaling to 8,200 feet above sea level to Whitney Portal.

The first day saw riders traveling from Stove Pipe Wells in Death Valley National Monument to Lone Pine. In the 78 miles between those two points, bikers faced a grueling 17-mile climb from sea level to the top of 4,956-foot high Towne Pass on Highway 190. After an easy downhill glide into the Panimint Valley at 1,920 feet above sea level, the cyclists began the final leg of the day, a long, gradual climb to Lone Pine at 3,700 feet.

During the final day, riders overcame sore muscles, tight turns and steep grades as they pushed their bodies and bikes up the road from Lone Pine to Whitney Portal, a distance of only 22 miles, but a rugged climb of 4,500 feet.

The race consisted of four categories. According to Tim LaFromboise, a United States Cycling Federation (USCF) licensed rider, the quality of competition in Category 1 & 2, a combined category, is similar to an international competition. Category 3 represents the quality of a national competition, while Category 4 represents the quality at a state competition. Competition in the citizen category, which is broken into age groups, is similar to local (district) quality. All contestants in categories 1 & 2, 3 and 4 are USCF licensed riders.

LaFromboise and Dieter Weik competed in the 1 & 2 category, consisting of 25 riders. Both men are serious riders and are sponsored by Team Santa Clarita, a competitive racing club.

A member of NWC's Intercept Weapons Department's Advanced Signal Processing Branch, (Continued on Page 22)



**THEY DID IT -- Fifteen China Lakers recently competed in the Death Valley to Mt. Whitney bike race. Riders were (l to r) Tim LaFromboise, Larry Gleason, RAF's Brian Harshaw, Lt. Eric Disher, Anthony Kratz, David George, Dan Buckley, Joe Dunn and Tim Tyson. Not shown are Dieter Weik, Larry Seibold, Cdr. C.T. Cuninghame, Lt. John Zora, Robert Glenn and Chuck Lewis. TID Photo**

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\*Classes scheduled in response to Naval Weapons/Hewlett Packard Needs Assessment  
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## CTS

Construction workers are busy with the start of the next phase of CTS implementation. The eight remote switch rooms all require varying degrees of modification before they are ready to house the new CTS telephone switches. On May 16, the concrete was poured for an addition to the Airfield switch building (Bldg. 20151). When complete, this addition will make the existing building half again as big to enable two switches to be housed at the same time. Throughout CTS implementation and cutover, all existing telephone switches must remain in place and be operational.

(Continued on Page 22)



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**New Demos In the PC Lab for Scientific Writers**  
Maple is a command driven symbolic computation program for the Macintosh. It is capable of a wide variety of numeric, graphic, and symbolic operations. Maple normally does rational arithmetic. Expressions

are entered using BASIC or FORTRAN syntax.

### WDEF Virus

If it takes a long time to open a folder and the AppleShare activity arrows blink even when you're not accessing the server, you quite possibly have the WDEF virus. Rebuild the Desktop file on your computer and

inform your network administrator. To rebuild the Desktop, hold down the command and option keys while your hard disk is booting, remove the virus from floppy disks the same way. To guard against virus infection, pick up the current Disinfectant software from the PC Lab.

By Donna Hanson

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# Forty years of service to Fleet brings VX-5 Vampire birthday celebration starting May 31

(Continued from Page 1)

In July 1956, Air Development Squadron Five moved to the Naval Air Facility, China Lake, Calif. The move was ordered by the Chief of Naval Operations to take advantage of the vastly improved ranges and the technical personnel and facilities at the Naval Ordnance Test Station (NOTS), now known as the Naval Weapons Center (NWC). The squadron consisted of 30 officers and 200 enlisted men.

Then, the pilots were involved in field carrier-landing practice with the help of a new landing aid -- the mirror landing system, now known as the "meatball." F-9s and F-8s were shooting Sidewinder air-to-air guided missiles at F-6F "drone" target planes and flying loft bombing missions. The A-3D Skywarrior was the Navy's carrier-based bomber.



That same year, Detachment Alpha was moved to Naval Weapons Evaluation Facility Albuquerque, New Mexico, to complete the testing of the A-5C and its unusual linear bomb bay.

In 1957, the squadron received the Douglas A-4D2 Skyhawk and the North American FJ-4B Fury aircraft, and began developing delivery tactics for and evaluating the capabilities of these aircraft.

In 1958, in-flight refueling of the light attack bombers was one of the strike techniques being evaluated at VX-5. Then, the attack planes were going forth in company with a buddy tanker plane which carried the extra fuel required for a high speed attack on distant enemy bases. This fueling-in-flight act was performed by nine-ton Skyhawks and 11-ton Furies sweeping through the sky at an altitude of six miles and speeding toward the enemy at better than seven miles each minute.

In 1959, activities included fire power demonstrations of the latest nuclear weapons delivery maneuvers on the C-3 nuclear weapons delivery training range onboard the Naval Weapons Center.

In 1960, the squadron received three new Douglas A4D-2N jet high speed, light attack aircraft, the third version of the A-4D. Equipment had been devised and installed in the new aircraft,

increasing mission capability over previous models of the A-4D.

An automatic flight control system terrain clearance radar and improved loft bombing system were the then recently developed equipment added to the aircraft.

The advanced features of the aircraft included a slightly longer model, improved weather and navigational capabilities, plus pressure fueling and in-flight refueling. Capable of carrying atomic weapons, rockets, guided missiles and machine guns, its speed was in excess of 650 miles per hour with a range of well over 1,000 nautical miles. The range of development and evaluation continued to increase and began to include many projects in connections with the Army and Marine Corps.

An adapter which enabled the MK-55 bomb rack to carry the MK-106 practice bomb was devised by VX-5 as a proposed solution to the critical shortage throughout the fleet of carrying devices for the MK-106 practice bomb. Prior to this development, the Aero 8A container, costing approximately \$4,000, was the only device in the fleet that could carry the MK-106 practice bomb.

The Aero 8A required special loading tools and would carry only four bombs. The adapter required no special loading tools and costs less than \$40 each.

In 1961, VX-5 added the world's record-breaking McDonnell's F4H-1 Phantom II all weather fighter to its aggregation of supersonic planes to carry out the squadron's tactical development for the delivery of nuclear weapons.

VX-5 pilots and ground crews had trained with Air Force personnel and McDonnell representatives prior to bringing the better-than-twice-the-speed-of-sound, two-seat, twin-jet Phantom II to set an unofficial altitude record of 98,560 feet and 1,390 miles per hour over a 100-kilometer course. It was armed with Sparrow and Sidewinder air-to-air missiles for high altitude intercept.

In 1962, arrival of the Navy's new A-4E (A4D-5) at China Lake for VX-5 use gave us the distinction of the first squadron to receive the new plane.

That same year, Detachment Alpha was assigned two A-6A Intruders to evaluate the advanced weapon system.

In 1963, VX-5 project pilots were test-launching the NOTS-developed "Eye" series of Weapons -- Walleye, Gladeye and Sadeye. The extremely hush-hush thing of that time was called "Fisheye."

On June of that year, VX-5 participated in a weapons demonstration for President John F. Kennedy during his visit to NOTS.

In 1964, VX-5 developed the Snak-

eye high drag weapon.

In 1965, VX-5 saw evaluation begin on the MK-4 gun pod, improved Napalm weapons, and the Walleye TV guided weapon -- the first of the "smart bombs."

Spurred by the Vietnam conflict, a great deal of effort was directed toward perfecting the computer assisted bombing system in the A-4E and to the Shrike anti-radiation missile.

Detachment Alpha (later to be known as Detachment Oceana), moved to Naval Air Station Oceana, Virginia Beach, Virginia.

In 1966, VX-5 grew to 37 officers and over 190 enlisted men who were involved in evaluating weapons and tactics for the A-4C and A-4E Skyhawk, the F-4B Phantom II and the A-6A Intruder. Squadron detachments were maintained at the Naval Air Station, Oceana, Virginia and at Nashua, New Hampshire.

On Dec. 23, 1967, delivery of the new A-7A Corsair II, light-attack bomber, was made at VX-5. The aircraft, number 31 off the LTV assembly line, was only the second one to be assigned on the west coast. The squadron was running the gamut of operational equipment and situations with the A-7A.

The A-7A was an addition to the existing VX-5 project aircraft consisting of A-4 Skyhawks, A-6 Intruders and F-4 Phantom IIs.

The imagination and initiative of the personnel at VX-5 was no less staggering. So far, it had led to the development of conventional delivery tactics -- the loft, dive and glide, roll-ahead, and over-the-shoulder delivery maneuvers for both nuclear and conventional weapons; design and development improvements which have increased the reliability and effectiveness of smoke and spray tanks; the development of a new delivery technique which also increased weapon effectiveness; and the development of an accurate, low-altitude, high-speed weapons delivery tactic utilizing jet aircraft.

That same year, VX-5 camouflaged A-4 aircraft in a project to aid combat pilots. Color schemes tested included black, a combination of vegetation green and tan, and an all-over light sky-blue.

The latest delivery "firepower techniques" that year included the A-7 Corsair II firing 2.75-inch rockets in a salvo of six and dropping MK-81 250-pound bombs using the new CP741 bomb release computer, a then current VX-5 project; the A-4 releasing several 250-bombs in quick succession or "ripple" and firing Zuni rockets; and a firing demonstration of the MK-4 external rapid fire gun pod from the F-4 Phantom II.

Another significant test being con-

ducted included enabling the Intruder to carry the air-to-air Sidewinder without restricting the air-to-ground ordinance load. This test was initiated resulting from an incident where two A-6 Intruders, returning from a bombing strike in North Vietnam, strayed into Red China territory and were consequently shot down.

The A-6s were not armed with their normal Sidewinder missiles because the Sidewinder rack limits the space necessary for the required bomb load. After thorough study and research, it was learned that a Sidewinder rack used on an F-8 Crusader was adaptable when hung on an A-6.

History was in the making in 1969,

its first meritorious unit commendation for meritorious service in support of combat operations in Southeast Asia.

The year 1972 ushered in the new

air explosives were the then new type weapons.

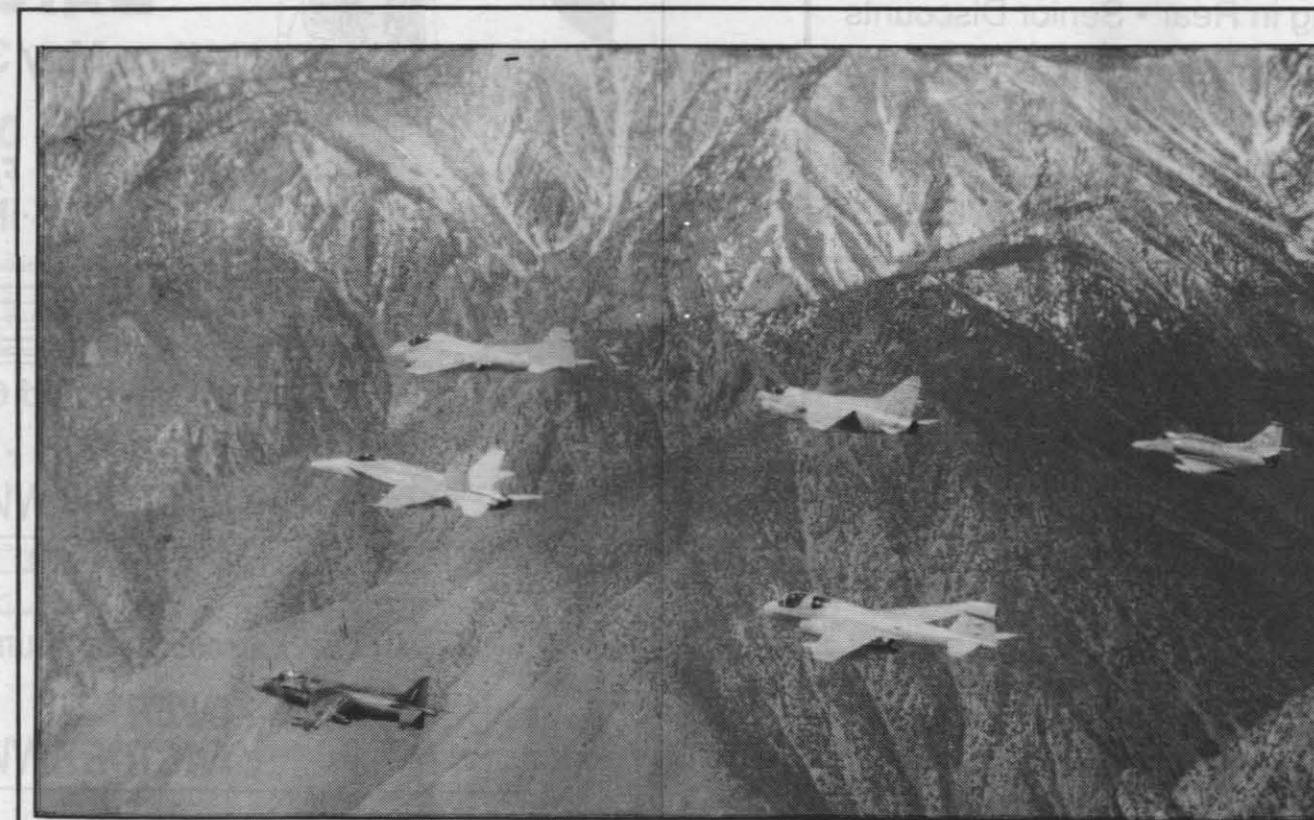
In 1974, VX-5 again received the Aviation Safety Award.



**VX-5 F-7 Cutlass, circa 1955**

AH-1J Sea Cobra gunship that had recently arrived at VX-5 for weapons

for the purpose of conducting an operational evaluation of the new EA-6B "Prowler" electronic warfare aircraft.



**1991 VAMPIRES--AV-8B Harrier, F/A-18 Hornet, A-6E Intruder, A-7E Corsair II, EA-6B Prowlers and A-4 Skyhawk**

when the first female officer, Ens. Patricia C. Bainman reported to VX-5 as personnel officer. The unit designation was changed to Air Test and Evaluation Squadron Five.

The arrival of the new bell HH-1K helicopter at NWC in 1970 provided a rescue vehicle for the area, capable of rescue to altitudes above two miles. Considerable work was done developing the tactics for the new laser-guided "smart-bomb" (LGB) and the Walleye "television bomb."

That same year, VX-5 was presented

evaluation. That year, VX-5 became one of 11 squadrons from throughout the Naval Air Forces Pacific Fleet to earn a Chief of Naval Operations' "Aviation Safety Award" for two consecutive fiscal years of accident-free flying, representing almost 10,000 hours in the air.

In 1973, electronic warfare was being updated with new weapons such as laser guided bombs and missiles carrying TV cameras to ensure great accuracy by fighter plane personnel from distances as far away as 50 miles. Fuel

Lt.j.g. Rosemary Conaster, then the Navy's only female A-7 pilot, was assigned to the Targets Division with NWC.

A C-1 aircraft was acquired by VX-5 from the aircraft carrier USS Enterprise in 1976 and was designated the squadron's bicentennial aircraft. Judged as tops among 23 designs, the nose, engine nacelle and tail of the aircraft incorporated various usage of the American flag's red and white stripes, together with stars on a blue background.

That year, LCdr. John Leslie became the only pilot from China Lake to fly the F-18 Hornet prototype multi-mission strike fighter, which was being developed for the Navy by McDonnell Douglas and Northrop.

In 1976, the F-18 was designed to replace the A-7 Corsair II and the F-4 Phantom with fleet introduction tentatively scheduled for 1982.

A VX-5 A-6E successfully launched the squadron's first standard arm (AGM-78D-2) missile at Holloman AFB, New Mexico; and Master Chief Avionics Technician Italia F. Birkinsha, the senior enlisted woman in the Navy attached with VX-5, retired from the Naval Service after more than 30 years of dedicated service.

The year 1977 ushered in several significant projects, including evaluation of 1) an improved weapons delivery system in the A-6E Intruder, 2) the new two-seat A-7 Corsair and 3) a forward-looking infrared detection system for the A-7.

That same year, Lt. Eric B. Nye, VX-5's first designated intelligence officer, reported for duty.

In 1979, VX-5 had 40 officers and 250 enlisted personnel, with a squadron aircraft inventory of 17 aircraft, including various models of the A-7 Corsair II, A-6 Intruder, A-4 Skyhawk, AH-1 Cobra and C-1 Trader.

That year, VX-5 was commended for the part it played in a Precision Guided Munitions (PGM) demonstration at the Army's White Sands Missile Range in New Mexico.

It was also during this year, that a TA-7 Corsair II airplane crashed, claiming the lives of two VX-5 pilots on a routine training and evaluation flight.

In 1981, the squadron aircraft inventory increased to 20 aircraft with an addition of several F/A-18 Hornets, along with six additional officers and 92 enlisted personnel to support the evaluation of the new aircraft.

In 1983, VX-5 contained eight different types of aircraft and had recently finished testing the F/A-18 Hornet for its capabilities as an attack jet and found the then-new and expensive warplane not meeting every specification, particularly in terms of range.

The "Gator" program was approved that year, with assignment to the fleet scheduled for 1985. Without VX-5, the weapon system would never have been possible.

In 1984, another milestone for VX-5 marked the start of the operational evaluation (OPEVAL) of the AV-8B Harrier aircraft. A VX-5 Marine, Lt.Col. Russ Stromberg, piloted the first test flight of the Harrier. The AV-8B was the first aircraft to be equipped with the gun aircraft unit (GAU) 12 mm gun -- a weapon capable of firing up to 3600

rounds per minute. The arrival of the AV-8B Harrier at VX-5 marked the beginning of V/STOL aviation at the Naval Weapons Center.

Navy/Marine Corps conducted evaluation of an early night attack system at NWC in which VX-5 played a major part. The program, called "Cheap Night", used a TA-7C to evaluate the technology and its possible application to Naval Aviation.

The latter part of the 1980s were an era of project evaluations. Projects included completed OPEVAL of major block upgrades to the F/A-18, A-6E "SWIP," AV-8B "night attack," OV-10, EA-6B, CAPP II and AH-1W aircraft. Operational introductions of missiles systems to the fleet included IR Maverick, Laser Maverick, HARM Block II and II, Hellfire and Sidarm.

In 1986, VX-5 got its feet on the ground with passive night attack systems, using the A-6E, F/A-18 and AH-1.

In 1987, VX-5 organized the tactical aircraft night strike working group (TANSWG) and chaired the initial meetings.

In 1988, fleet firings of the HARM FOT&E and HARM Block I were closely monitored by VX-5 for any fleet lessons learned.

In 1989, for the first time in the history of night flight, a Sidewinder AIM-9M missile successfully acquired and destroyed an airborne target. VX-5's Maj. Bobby Rowland, USMC, piloted the AH-1W attack helicopter Cobra which carried the heat-seeking missile. That test validated the concept of acquiring, locking onto and destroying a fighter aircraft at night and at low altitude.

A highlighter year marked 1990. An A-6E Intruder, a "special interest aircraft," was restored to full mission capable status in six weeks, achieving VX-5's long-awaited goal of zero special interest aircraft.

It was during that time VX-5 changed the insignia on their aircraft, adding the bat and lightning bolt symbol to the existing "XE," which designated aircraft assigned to the squadron.

In July 1990, VX-5 resumed sponsorship of the China Lake Squadron of the United States Navy Sea Cadet Corps. VX-5 was currently evaluating night vision goggles (NVGs) as part of a night attack system during that time.

Answering real world questions concerning the Persian Gulf crisis became a top priority at VX-5 in August 1990. During Operation Desert Shield/Storm, VX-5's number one priority was direct fleet support.

In November 1990, VX-5 was presented its second Meritorious Unit Commendation for meritorious service in support of independent operational test and evaluation of airborne strike

weapon systems.

VX-5 deployed to NAS Fallon, Nevada in January, 1991, with 14 airplanes and approximately 300 personnel for two weeks. The purpose of this movement was to develop F/A-18 LOT XII night strike/fighter tactics, to ensure all aircrew were tactically proficient and to exercise the mobility of the squadron. Strike packages were flown against real world scenarios, both day and night, in support of Operation Desert Shield and Desert Storm.

In March 1991, NWC hosted the Blue Angels for the 1991 air show, celebrating 81 years of Naval Aviation with pilots and aircraft from VX-5 participating.

VX-5, to sum up, is an incredible experience -- you just can't seem to get enough, even after 40 years. A tour of



duty with VX-5 makes a lasting impression on anyone who has been, currently is, or will be part of the indispensable team continually contributing to test and evaluation efforts. A subsequent tour of sea duty invariably reveals the fruits of his/her efforts in the form of tangible contributions to the Navy.

It certainly does not take much imagination to see that the term "aviation heroics" easily applies here. If you need a comparison, you might consider that by the time the fleet gets an air-to-ground weapon, VX-5 fliers have already put it through every conceivable test imagined. VX-5 tests fairly and evaluates with toughness.

As final checkers, VX-5 makes sure its fellow aircrew and pilots in the fleet get a workable, safe system. It is a crucial mission, far more important than most realize, because the effects will be felt into the 21st Century. One the even of the squadron's 40th anniversary celebration, homage is paid to all the vampires who have exemplified the Vx-5 spirit, possessed the "right stuff" and met real world questions with real world answers.

Welcome home on an occasion to recall experiences and memories of the past. To provide a link between the past, present and future.