

Community Events

Community Events Logo

Janet Cooling will be the featured artist in the Sylvia Winslow Exhibition Gallery of the Maturango Museum from Feb. 16 through March 13.

This year will be the 36th annual celebration of **Whiskey Flat**

Days in Kernville, Feb. 15-18, when the people of this mountain community turn back the clock to relive the gold rush days of the 1880s when Kernville was known as "Whiskey Flat." For further information, call (619) 376-2629.

Robert (Corny) Cornelius, who first came to this area as a Navy man back in 1944 when he was 18 years old and is now a local shoe store business man, will be the speaker at the Historical Society meeting at the Maturango Museum, 7:30 p.m., on Feb. 19. The public is invited to come join the Historical Society hear "Corny" as he is known by many friends and customers, tell of his early adventures in this area.

Two 55/Alive Mature Driving Classes are set for **March 7 & 8** from 10 a.m., to 3 p.m., with an hour off for lunch and one from 6 to 10 p.m. the same night. Both classes will be held at the Knights of Columbus Hall, 725 W. Ridgecrest Blvd. To enroll, make a check for \$8 per person to the American Association of Retired Persons and mail to coordinator Bill Davis, 235 Apache Lane, Ridgecrest.

Player's hold auditions

China Lake Players will be holding auditions for Woody Allen's romantic farce *Play It Again, Sam*. Tryouts will be held Monday through Thursday, Feb. 25-28 at the old County Courthouse, on Ridgecrest Boulevard at 8 p.m. on the 25th and 7:30 p.m., the following evenings.

The play calls for a total of eight women and three men whose ages range between 20 and 30. Scripts are available for perusal at the County Library.

For further information call Sharon Juerot at 371-2599.

Meet social security representative

Meet a Social Security representative each week during the months of February and March.

Meetings can be scheduled on Thursdays (Feb. 14, 21, 28, & March 7, 14, 21, 28), from 10 a.m., to 2:45 p.m., at the Ridgecrest City Hall, 100 W. California Ave., Ridgecrest.

For more information, call, write, or visit any Social Security office.

Feb 14, 1991

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| | Max | Min | Peak Gusts |
|--------|-----|-----|------------|
| Wed. | 74 | 41 | 10 |
| Thurs. | 72 | 36 | 12 |
| Fri. | 74 | 32 | 8 |
| Sat. | 75 | 30 | -- |
| Sun. | 76 | 28 | 9 |
| Mon. | 74 | 31 | 10 |
| Tues. | 77 | 35 | 10 |

Retiree Day here set for April 5

April 5 is set for the Sixth Annual Retiree Appreciation Day at the Naval Weapons Center.

Bill Davis, the Center's director of retired affairs, said the day will once again feature briefings from top NWC managers on technical highlights, a current overview of the Center's activities and an update on recreation and club developments. This will be followed by a no-host social hour in the Seafarer Club.

Wellness Program checks on fitness

Later this month, the NWC Wellness Program begins its fourth year of offering free blood draw and fitness assessments to all China Lake employees and active duty military members. Instructions with the *Wellness Corner* this week, detail how to sign up for this free program. Appointments for the blood draw and fitness assessments are required.

Airports stiffening security checks

Please be aware that all airports have increased their security measures.

- Additional check-in time required
- No curbside baggage
- Only ticketed passengers will be allowed beyond the security checkpoint within the gate areas.

Be smart -- prior to travel, contact Sato Travel, NWC ext. 7751, Monday through Friday.

NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLVI, No. 6, February 14, 1991

WEPTAC: No where else in the Navy can pilots do this kind of tactics work

Before Navy carrier pilots flew a single mission in Operation Desert Storm starting on Jan. 16, they reviewed tactics they planned to use during the air strikes. For many aviators deployed to the Persian Gulf region, those refined tactics were at least partly the result of visits to the Naval Weapons Center.

More than a dozen times each year, fleet pilots travel to NWC to participate in the development and evaluation of weapons and tactics they can do no where else in the Navy. But here they never leave the ground, it's all computer-driven simulation in the Weapons and Tactics Analysis Center, better known here as WEPTAC, part of the Weapons Planning Group.

Tactics are as important as the weapons system (which for WEPTAC includes the platform, associated radars, missiles etc.) since

pilots have to know how to best use the capabilities of the system they are flying. An outstanding weapon that can't be delivered on target won't do fleet aviators a whole lot of good.

Assisting the pilots in efforts to get the most out of the visit to NWC are the people who make WEPTAC work. Analysts, umpires, wargaming operators and computer scientists are all part of a skilled, experienced and dedicated team.

In addition to the NWC team and pilots, the wargames often include observers from the sponsor and contractors responsible for a given system.

Linda Andrews heads WEPTAC and is extremely proud of team members who provide the special touch necessary if the fleet pilots are to develop and enhance tactics for weapons systems now deployed in the Navy

inventory.

In stressing the team approach, Andrews says it takes the efforts of a dozen or more peoples behind the scene to make the system work: analysts to understand the operational problem and how the simulation works; umpires to insure the integrity of the game; wargaming operators to translate the fleet players tactics for the computer and computer scientists who develop simulation software and maintain both the hardware and software to make the simulation work.

"Our real niche is in giving pilots a tool to learn the most effective tactics for the systems they are using without flying the aircraft," commented Andrews. "The pilots provide us with a reality check when they go back to the fleet and try the tactics in the complexity of a

(Continued on Page 8)



WARGAMING--Lt. Bruce Bull of VX-5 takes control of an aircraft in a WEPTAC simulation. Nancy Withers, a WEPTAC training specialist, gives Lt. Bull information to assist him with the operation of the simulation. Several pilots can take part in each simulation thanks to multiple suites for wargame participants. NWC's WEPTAC provides a unique tactics development capability for the fleet Navy.

Photo by PH3 Cary Brady

Soldering school provides special skills

Each year, more than 500 people, most of them defense contractor employees, pass through the Soldering Technology Training Facility run by the Engineering Department's Soldering Technology Branch. This specialized training provides the graduates with first-hand knowledge to develop electronic manufacturing design, assembly and soldering processes at their own facilities.

Jerry Maurice is the Naval Weapons Center's technical coordinator for the training facility, charged with establishing and maintaining a curriculum that gives trainees the skills they need. He notes the two-week initial certification course is an intensive undertaking with days of hands-on work and two days in-depth testing of their soldering knowledge at the end.

"When students leave here, they are fully qualified to both inspect soldering processes and teach others to perform those processes for defense hardware," commented Maurice. "This is where the defense contractor people who will be training the assembly line workers receive their training," he added.

The training facility is staffed by 10 highly qualified instructors, provided by COMARCO under a contract with NWC. The four lecture/laboratory classrooms, a wave solder room with two wave solder machines and a surface mount technology room with infrared and vapor phase reflow systems. Maurice noted surface mount is the one of the newest technologies being taught at the NWC facility.

(Continued on Page 9)

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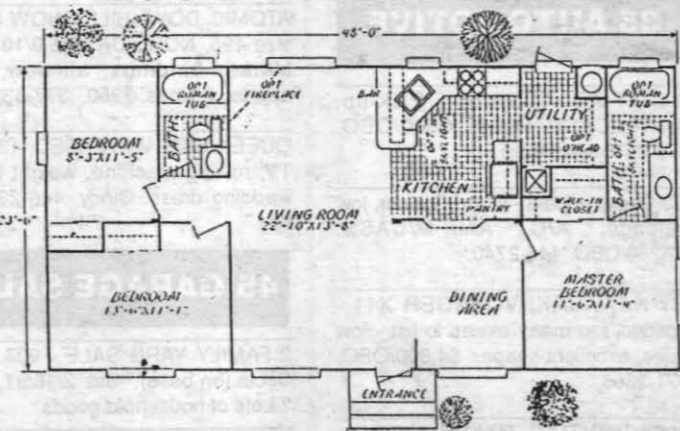
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Serving starts at 5:30 P.M.

Ticket Information:
Contact Member or Call K of C Hall
375-8901

Commentary

NWC Rocketeer

Published by High Desert Newspapers, Inc.
224 East Ridgcrest Blvd.
Ridgcrest, CA 93555
(619) 375-4481

This commercial enterprise (CE) newspaper is an authorized publication. Content of NWC ROCKETEER are not necessarily the official view of, or endorsed by, the U.S. Government, the Department of Defense or High Desert Newspapers, Inc.

The editorial content is edited, prepared and provided by the Public Affairs Office of the Naval Weapons Center, China Lake. Correspondence and material for publication should be addressed to: Editor, NWC ROCKETEER, Code 0033, Naval Weapons Center. Phone: 939-3354. FAX: 939-2796

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The Skipper Sez...

Question

I was just over in the north parking lot at Michelson Lab by the Engineering and Library buildings. They have just put a surface on the asphalt that is so slick I almost slipped three times on the way from my car to the guard shack and it wasn't even wet. I think someone should look into it because with a little bit of rain, there is going to be some women falling. Thank you.

Answer

The north and east parking lots of Michelson Lab were fog sealed with SS-1H emulsified asphalt that was further diluted with one part water to one part emulsified asphalt. The fog seal was applied to the parking to cover the old parking stall layout in an economical manner and to allow for an improved parking stall plan to be painted.

The fog seal application method has been a long-recognized asphalt maintenance/repair practice that has been used on-Center for many years and to our knowledge has never previously produced a slick or slippery surface.

Public Works personnel investigated the Mich Lab parking lot on Nov. 21, 1991, but were unable to identify the area in question. Anyone with additional information on the location of the affected area is

Pages from the Past



Feb. 14, 1986

NWC's T-39D Sabreliner was described as the Center's most versatile aircraft in a front-page article on test instrumentation. The Center completed plans to host the 10th Annual Soldering/Manufacturing Seminar. Terry Downs, wife of AMHC Art Downs became NWC's Ombudsman. BOSS, the NAACP and NWC's Black Interest Program joined in celebrating Black History Month.

Feb. 13, 1981

Nick Botka and Marian Hills of the Research Department discussed how NWC grows crystals in the laboratory to support various types of microelectronics work. William Schoneberger, former Northrop executive and author was the guest speaker for hIDEA's Engineers Week Observation. Estela Q. Paine was highlighted for her work in information security. NWC Commander, Capt. Will Haff, did the honors as Marty Shelton of TID was frocked to the rank of captain

in the Navy reserves.

Feb. 11, 1966

Two vertical take-off and landing aircraft and a remote-control car were demonstrated to NOTS command representatives. Among guests at the demonstration was former NOTS Commander, VAdm. P.D. Stroop (Ret.). Word was received of the death of the first NOTS chaplain, Charles E. Reeves. Cdr. Robert E. Moore reported to NWC as assistant technical officer.

Feb. 14, 1951

NOTS employment levels hit an all-time high at 4,900, including about 1,000 at the Pasadena Annex. Roy Barker, a former USC football star in the 1920s became NOTS athletic director. T.F. Rogers, Jr. and L.E. Schilberg of the Research Department wrote an article on Radioactive Phosphorus in Fluid-Dynamics. The arrival of two officers and 15 enlisted members completed the complement of the Army Guided Missile Group.

encouraged to call the Customer Relations office at NWC ext. 476 for further assistance. Your interest in the safety of your fellow employees is appreciated.

All China Lakers, including military personnel, civilian employees and their dependents, are invited to submit questions to this column. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. Answers to these questions are directly from Capt. Douglas Cook. Please call NWC ext. 2727 with your question and state whether you are a military member, civilian employee or dependent. No other identification is necessary. Since only one or two questions can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a question may leave their name and phone number for a direct contact, but otherwise, this is not required. There is no intent that this column be used to subvert normal, established chain-of-command channels.

China Lake Calendar

Feb. 19

China Lake Chapter FMA, 6:30 p.m., Carriage Inn

Security Film (7:30 a.m. start) Room 1000D, Michelson Lab

Feb. 20

Security Film (afternoon) Room 1000D, Michelson Lab

Navy League meeting, 6 p.m. Farris' at the Heritage

Feb. 22

hIDEA/ROA National Engineers Week Dinner, 6 p.m., Carriage Inn

Feb. 26

Grand reopening celebration for NWC Gymnasium, 10 a.m.

March 8

IWV Multi-Organizational Technical Seminar, 8 a.m., Room 1000D, Michelson Lab

March 9

IVW Navy League Bluejacket of the Year Banquet, 6:30 p.m., NWC Seafarer Club

Coming Events

April 5, Retiree Appreciation Day

May 6-7, Annual Safety Standdown

June 4-8, American Heritage Week Celebration

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.

Michelson Lab security note

Due to implementation of THREATCON BRAVO, the west gates of the Michelson and Lauritsen laboratories will be closed to all normal vehicle traffic until further notice. The only exceptions pick-up and deliveries, then only if no other way is available. Each instance must be cleared by the facilities coordinators office, Code 033, ext. 1212/1213 and will be kept to an absolute minimum (15-30 minutes).

ROCKETEER CLASSIFIEDS

NON-MILITARY PERSONNEL that wish to place Classified ads in the ROCKETEER will be charged, PER ISSUE, as follows:

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| Ads up to 10 lines..... | \$5.50 |
| Ads up to 15 lines..... | \$8.00 |
| Ads up to 20 lines..... | \$10.00 |
| Ads over 20 lines..... | \$10.00 & \$1.00 per line over 20 lines. |

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| | | | |
|-------------------|----|----------------------|----|
| PERSONALS..... | 1 | SERVICES..... | 30 |
| LOST & FOUND..... | 5 | AUTOMOTIVE..... | 35 |
| HAPPY ADS..... | 10 | MISC. FOR SALE..... | 40 |
| HELP WANTED..... | 15 | GARAGE SALES..... | 45 |
| RENTALS..... | 20 | PETS & SUPPLIES..... | 50 |
| BUSINESS..... | 25 | REAL ESTATE..... | 55 |

DEADLINE FOR ALL CLASSIFIED LINE ADS IS 4:30 p.m. TUESDAY -

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1 PERSONALS

SWM, 37 trim, prof'l, enjoys art, movies, hiking, reading, has it together (arms and legs still intact), seeks positive natured, bright, 26-44, post-neanderthal SWF with sense of humor. Prefer non-smoker, no drugs. Send note and phone number to: Post Cro-Magnon, P.O. Box 1415, Ridgcrest, Ca. 93556.

TO FRAN G: Let us end these games we play, we've been after each other for so long. It's time we did something about the way we feel for each other, and I'll take the first step. I want you to be my little A.M.E. forever. WILL YOU MARRY ME? I'll love you forever, no matter what. Sincerely Yours, RYAN H.

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35 AUTOMOTIVE

'81 Ford Courier Pick-up. AM/FM/CASS. Runs. \$500/OBO. 375-6055 after 4 pm.

'83 Chevy Impala - Good Runner, low mileage, A/C, AM/FM/CASS. \$2,250/OBO. 446-2740.

'87 KAWASAKI VOYAGER X11 - Loaded, too many extras to list - low miles, excellent shape. \$4,800/OBO. 371-2366.

1986 PONTIAC TRANS-AM. Like new, low mileage, many goodies. \$7,600/OBO. Must see to appreciate. 375-9896. Mark or Dorothy.

35 AUTOMOTIVE

1988 CHRYSLER CONQUEST TSI - 2.6L Turbo - Loaded, still under warranty. MUST SELL! \$8,800/OBO. Leave message 446-2604.

1988 FORD MUSTANG GT. Low Miles, All Power Options. Black outs, New Goodyear Eagles, A/C, Am/Fm Cassette Stereo. New Brakes, Alarm. 5 Speed. Blue Book \$10,000. \$8,900 Firm. Immaculate. 375-9273.

1989 JEEP CHEROKEE, 2WD, 2DR, & 4.0 V-6. Excellent condition. Selling because we need a 4-DR. \$13,000. Leave a message at 446-1610.

4 EAGLE WHEELS, (Star Type), slightly used. 14x6 with Toyo tires. 185x60 R14. Will sell for \$600. 446-4353.

40 MISC. FOR SALE

ATOMIC DOWNHILL SNOW SKIS - size 195, NORDICA size 9/10 boots. Marker bindings, all new, used approx. 5 times. \$250. 377-3326.

QUEEN SIZE WATERBED, 13" color TV, rowing machine, weight bench, wedding dress. Cindy, 446-2309, all day.

45 GARAGE SALES

2 FAMILY YARD SALE - 907 Young Circle (on base). Sat. 2/16/91, 8am - ? Lots of household goods.

GARAGE SALE - Feb. 15 & 16, 8am to 1pm. Baby items, childrens clothing, toys, lots of misc. 304 Sykes (on base).

45 GARAGE SALES

GARAGE SALE - Fri. 15th, Sat. 16th. - 617 S. Sunset.

50 PETS/SUPPLIES

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55 REAL ESTATE

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Ricky Parks: 'Blacks in the Civil War'

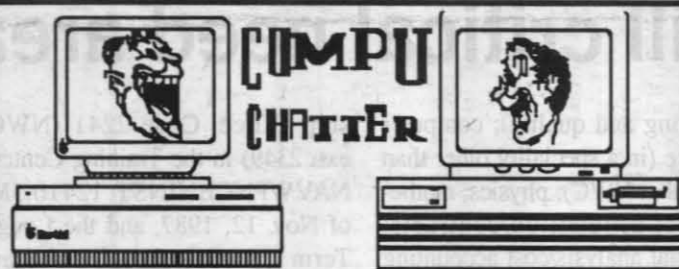
(Continued on Page 22)
U.S., let him get an eagle on his button, and a musket on his shoulder. . . and there is no power on earth which can deny that he has earned to right to citizenship in the United States. . . The government keeps screaming 'Men, Men! Send us men.' The edifice of the state is burning, but the government would let only the indio caucasian hands help put out the fire." Pressure from Blacks ready to fight, abolitionists, Army officers who needed men and changing circumstances eventually altered Lincoln's policy.

"In the spring of 1862 at the Battle of Shiloh on the Tennessee River, 100,000 men fought for two days, with 23,000 casualties. After this battle, General Grant gave up all hope of saving the Union with just a few victories and political compromise. 'It would take total war and complete conquest of the South. And that meant many more men to kill or be killed.'

"On August 22, 1862, General Butler, military governor of New Orleans, recruited as part of the 1400 man Louisiana State Guard an elite force of free Black volunteers. They had formed the guard themselves, but the South never called them to combat.

"In the summer of 1863, Lincoln secretly told his cabinet about the Emancipation Proclamation. It would be announced at the next successful battle, to take effect in January 1863.

(To be continued next week)



Sponsored By: PC Lab, Code 2741 NWC ext. 6631

The superdrive (which comes with the Mac IICx and later machines) sometimes goes bad and it may be difficult to recognize because the disk will still mount and usually read and write data. If you get initialization failure errors or find that disks become unreadable after being used in your drive, it is probably a bad drive and not lots of bad disks. Sometimes files will even become unreadable just by copying them to a disk in a bad drive. Apple knows of the problem and has an exchange program. Place a hardware call to Pulau, NWC ext. 2575.

NEW VIRUS FORMS

China Lakers look forward to retirement with farewell parties

Linda Eaton Long, on the Corporate Budget Branch staff, is leaving NWC after 13 years service. A farewell party is planned on Thursday, March 7, at the NWC Seafarer Club. A no-host bar will be open and heavy hors

d'oeuvres served. Tickets at \$6.50 per person must be purchased by close of business Feb. 27. Contact Kim Etoch or Gloria Davis in the Administration Building, Jeanne Scullin in Michelson Lab, or Donna D'Anza at Range Head-

quarters for tickets, gift donations or to make a presentation.

Carl F. Austin, head of Code 2607 is retiring on March 1. A retirement party is planned for Thursday, Feb. 21, at the NWC Seafarer Club. **Gary J. Wydra** is

ADP Security has new forms they would like you to use to report viruses. The forms are available from ADP Security or in the PC Lab. They are not electronic yet.

RECYCLED SOFTWARE

The PC Lab takes unwanted software for redistribution. Typically we have old versions but for the minimal cost of \$5 plus the upgrade cost, it is still usually less expensive than buying a new package. Here are a few on our list:

Hypercard, Advanced Revelation, Cricket Draw, Crosstalk, Framework II, Microsoft Excel, Freelance Plus, Lotus 123, MacProject II, MacWrite, Microsoft Word, Writenow, Zenith-MS GW-Basic.

New SF171 Forms

As far as we know, the NEW SF171 does not exist. Personnel has stated that electronic forms that do not meet the form standards will not be accepted. This statement seems to have started a rumor about a new 171 form. Forms Management and Personnel have not seen a revised form and say that the "old" ones are still accepted.

by Donna Hanson

ending 31 years of NWC service with retirement. A farewell luncheon is set Monday, March 4, 11 a.m. in El Charro Restaurant. **A. Jack Dierolf** will retire on March 1. A luncheon is set for Feb. 27, 11:30 a.m. at John's Pizza

Independent Motorsports Inc. Factory Mini-Stock Division 1991 Official Rules



DEFINITION

1. The word "STOCK" will mean unaltered as originally "FACTORY" produced and installed for year, make and model.

COMPETING MODELS

1. Any make or year American or Foreign compact car except convertibles or trucks. No 4x4's.
2. Maximum wheelbase is 103".

ENGINE AND MANIFOLDS

1. Compression may not exceed manufacturers specifications.
2. Four cylinder motors only.
3. .030 oversize bore maximum.
4. Factory carburization only. NO FUEL INJECTION.
5. Factory intake manifolds only.
6. Factory cast iron exhaust manifolds only. NO HEADERS.
7. Exhaust must be under car and exit behind drivers door and pointed away from driver.

FRAMES

1. Cars must maintain original frame.
2. No weight jacks. No coilovers.
3. One shock per wheel only.

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1. Any size tire and wheel may be used. Right front wheel must have a double center.
2. \$10.00 fine for spinning tires in pits or infield.
3. Tires and wheels may not protrude more than 2" from fender wells. You may alter fender wells to stay to this limitation.
4. Mud flaps mandatory.

FUEL

1. Taxable road type gas only. 110 octane maximum.

ROLL BARS

1. Round steel 1-1/2 inch seamless rollover bars are compulsory. Aluminum and/or other soft metals not permitted. Roll bars must be welded and gussets installed and welded.
2. Minimum thickness of .090.
3. Roll bars must be tech approved with 3 door bars on drivers side and 2 door bars on passengers side.
4. Roll bars must be padded at all points that may contact driver in case of rollover.



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Military News

Bluejacket candidates exhibit exceptional leadership

Editors Note: This is the first in a three-part series featuring the China Lake military members competing for the Navy League's Bluejacket of the Year honors. The Indian Wells Valley Council of the Navy League will announce the winner at the annual Bluejacket Banquet, set for the Seafarer Club at 6:30 p.m., March 9.

Most of us are familiar with the old phrase "you've come a long way, baby," referring to the major changes womens roles have taken in today's society.

The woman of the 90's does it all!

Pursues her own career while successfully maintaining both roles of wife and mother and still remarkably has time to cultivate her own talents and ambitions. Each of us certainly knows or works with a woman of this caliber. If you don't, just talk to Naval Weapons Center's Aviation Maintenance Administrationman (AZ2) Brenda R. Ford. She can fill you in on all the details of not only being a woman of the 90's, but a woman of the 90's in the military!

Ford, supervisor for the Aircraft Logs and Records Division, has certainly come a long way since joining the Navy nine and a half years ago. She went in without a designation and has since become a highly trained

aviation administrationman, competent supervisor, wife of another Navy service member and mother of an 18 month old son (Bryan).

"Juggling my career and my responsibilities as a mother and wife is a constant challenge, but I love all three jobs, which makes it work!" remarked the enthusiastic woman from Taylor, Texas.

Ford followed the basic path women in the Navy take by attending basic training in Orlando Florida. After completion of apprenticeship training she transferred to Naval Communication Unit, Cutler, Maine, where she worked as an undesignated striker in the administration field. It was when she transferred to NAS Whidbey Island, Washington that she made a lateral move into the aviation field and became designated as an "AZ" when she took the rating exam which advanced her to a third class petty officer. While

stationed in Washington she was named Sailor of the Month on two separate accounts.

In June of 1986, Ford went overseas to NAS Agana, Guam where she was assigned to the Quality Assurance Division, overseeing the upkeep of over 5,000 aircraft and equipment publications. Petty Officer Ford received a letter of commendation for her valiant efforts and was selected Sailor of the Month for the entire base.

The administrator became part of the NWC military team in October of 1989. Originally assigned to the Quality Assurance Division as workcenter supervisor for the Central Technical Publications Library, she was in charge of more than 50,000 publications and directives for 15 different types of aircraft, including all related support equipment. In addition, AZ2 Ford's workcenter performed quarterly publication



AZ2 Brenda R. Ford

When a person finds themselves a part of a huge organization such as the United States Navy, one must remember it's

the combination of each person and the job they do that makes the entire infrastructure operate smoothly. Kind of like the theo-

ry that it's the total combination of each part of a machine that makes it work, and if something happens to make one part not function then the whole operation gets thrown out of whack. And no one realizes this more than Aviation Structural Mechanic (Egress) Second Class (AME2) Gary A. Soyke, attached to Air Test and Evaluation Squadron Five (VX-5), who was nominated for the 1990 Bluejacket of the Year award.

Soyke, a night shift supervisor in the Avionics Department, has spent over ten years in the Navy giving it all he's got and making his contributions to the overall structure of the Navy count. He entered the Navy in the fall of 1979 while attending boot camp at Great Lakes, Michigan. A designated aviation structural mechanic he forged ahead through AME "A" school in Millington, Tenn., where he graduated in the top five of his class.

From 1980 to 1983 the mechanic went to his first duty station, which happened to be

with the Naval Weapons Center in China Lake, Calif. It was at NWC that he got a real taste of what his particular job in the Navy was all about. "I actually got hands on experience testing live ejection seats!" said Soyke. He was involved with 5 successful seat shots of the Martin Barker GRU7 used for visual displays at airshows. While at NWC, Petty Officer Soyke worked on ten different types of aircraft including the A-7, TA-7, A-6, A-4, TA-4, F-4, T-39, F/A-18, H-1, and the OV-10. He also assisted in the construction and design of the NWC logo which still hangs over the front of Hangar 3.

For the next year, AME2 Soyke attended a FRAMP training school in San Diego, Calif., and went on to VRC-50 at Cubi Point in the Philippines. He received the Battle "E" and a citation from CINCPACFLEET for outstanding services rendered to the Philippines during a devastating typhoon and for his participation in "Team Spirit" exercises. While stationed with

VCR-50, he was selected as Sailor of the Month.

In January of 1988, the mechanic became a part of VX-5 and an active member in the squadron's Ombudsman program. As the night check supervisor of the AME work center, he and his crew conduct vital environmental egress cryogenic checks on ten different types of aircraft. "I inspect any object used for escape, whether its parachutes or ejection seats. . . anything that deals with escaping from an aircraft," said Soyke. No one understands the importance of his mission better than the young Petty Officer with the exception maybe of the VX-5 pilots, who rely on the safety inspections performed by Soyke and his crew to keep them out of harms way.

He was selected as VX-5 Supervisor of the Quarter, Third Quarter 1990 for his professional performance which directly contributed to the successful completion of the squadron's mission of operational test and



AME2 Gary A. Soyke

NWC's AZ2 Ford vies for Navy League's Bluejacket

(Continued from Page 3)

She was selected as NWC's Senior Bluejacket of the Quarter for the third quarter of 1990 for her maturity, professionalism and uncommon leadership abilities. The citation letter read, "the Technical Publications Library received an overall grade of 'Outstanding' from NAMO (Navy Aircraft Maintenance Orders) inspectors in April. . . Always willing to assist those in need, you have made a role model for Navy and civilian personnel to emulate."

"It's hard being a woman in a man's Navy,"

AZ2 Ford is currently the work center supervisor for the Aircraft Logs & Records Division. She is responsible for aircraft logbook entries for 18 different aircraft. This includes

keeping an aircraft inventory record; tracking flight hours of each plane along with flight hours of each aircraft's engines; and recording repair work as well as different inspections performed.

Totally dedicated to her career in the Navy, she intends to devote her efforts to one day "wear shoulder boards" and become a Naval Officer. The young service woman strives to gain the respect of her male counterparts in the Navy. "It's hard being a woman in a man's Navy," commented Ford. "I have to constantly prove that not only do I have intelligence, but I will get the job done right and I'm not afraid to get my hands dirty."

Ford holds great admiration for women who serve in the Navy. She strives to portray characteristics of strength for others to follow. "If I had to give a lecture to young women in the service, I would emphasize to them

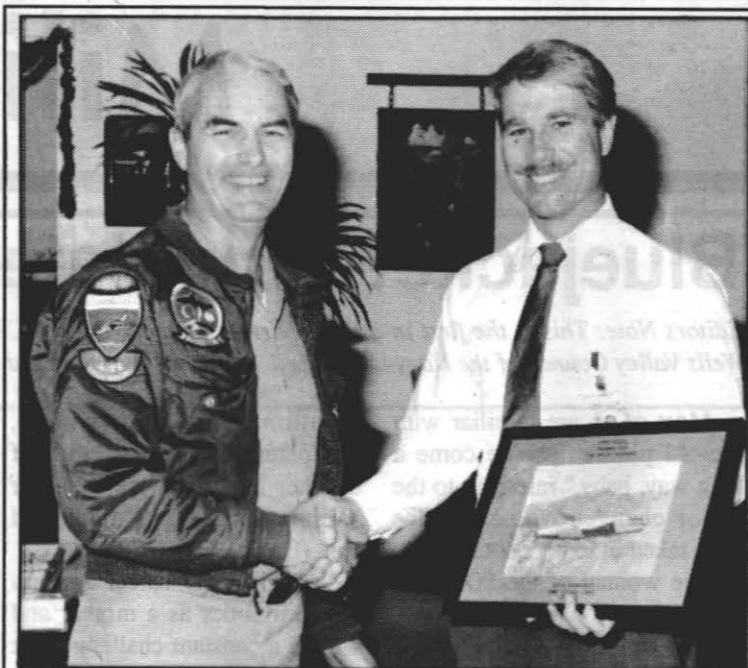
that respect is gained by being a professional and when you do your job right you never have to compromise an ounce of your womanhood."

The military husband and wife team realize with Operation

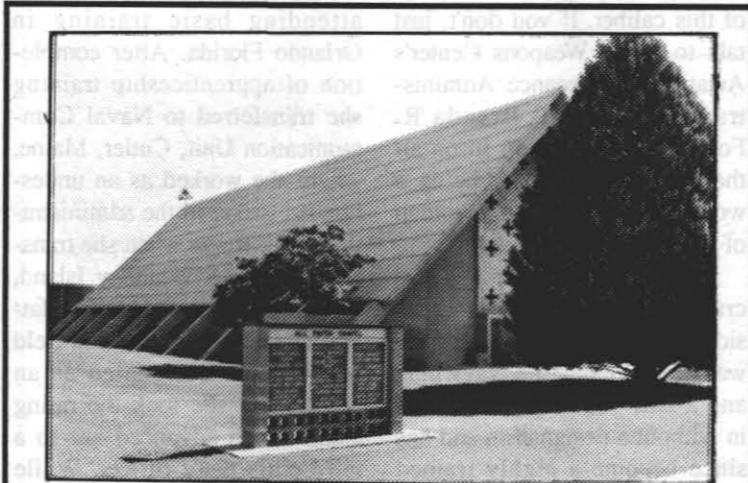
"I would love to win, but I realize I've got some stiff competition!"

Desert Storm going on one or both of them could be sent to the Persian Gulf upon transfer. "We're both ready and want to go," said Ford. "It will be hard to leave Bryan, but we'll make necessary provisions so we can defend our country."

Petty Officer Ford feels genuinely honored to be nominated for Bluejacket of the Year award and considers herself a good candidate. "I would love to win, but I realize I've got some stiff competition!"



VX-5 OFFERS SPECIAL THANKS -- VX-5 CO, Capt. Raymond A. Kellett, presents a special Vampire Certificate of Appreciation to Acting Protocol Officer, Mike Biddlingmeier.



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 Blandly & 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 Blandly) | 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 Dibb, 1002 Blandly, 1008-10 Blandly & 1903-05 Mitscher | |
| Jewish | |
| (NWC ext. 2851) | |
| Weekly Services (Friday - East Wing) | 7:30 p.m. |
| Adult Hebrew Lessons (Saturday at 1004 Blandly) | 3:00-5:00 p.m. |
| Religious Education (Sunday at 1004 Blandly) | 9:00 a.m.-12 noon |

Chaplain S. A. Casimano, LCDR, CHC, USN
Chaplain G. L. Goodman, LT. CHC, USNR



IT LOOKS CENTERED, BUT EASY DOES IT NOW -- Rachel Able looks intent as she helps her father, Lt. Jg. Brian Able, cut the cake celebrating his recent promotion from ensign to lieutenant junior grade. Lt. Jg. Able is the Naval Weapons Center's Food Services & Billeting officer.

Photo by PH3 Cary Brady

Applicants needed to fill critical need areas at NWC

(Continued from Page 20)

engineering; microwave/RF circuits, subsystems and missile guidance, antennas, and radar engineering; microwave antennas; digital and analog signal processing; missile test equipment; target signatures--modeling and reduction; radar, laser, EO-IR targeting sensors; weapons/avionics integration; tactical embedded software; facility simulation software; air combat susceptibility/vulnerability; EW systems; propulsion systems; rocket motor propulsion; high energy tomography operational research/analysis; statistics; advanced structural engineering (aerodynamics - CFD, aerospace - thermal, structures); financial/business systems analysis; physics (electro magnetism); integrated optics - optical and electronic thin-film device engineering; electrical engineering - high voltage, short - rise time power; physics/engineering -- detonation mechanics, interior

ballistics, combustion; fluid mechanics modern digital signal processing - ISAR, SAR; RF active array theory/practice; avionics system engineering; chemistry - organometallic/solid state synthesis, electrochemistry.

At the undergraduate level there is a continuing need in these areas: engineering (particularly electronics and curriculums with an emphasis on reliability, manu-

facturing and quality); computer science (in a specialty other than offered at NWC); physics; mathematics; acquisition/contracts; financial analysis/cost accounting with an ADP background

Programs of study at both the graduate and undergraduate level are not limited to these areas.

Further details of the long-term training program are available from the Academic Fellow-

ship Office, Code 2241 (NWC ext. 2349) in the Training Center. NAVWPNCENINST 12410.5M of Nov. 12, 1987, and the Long-Term Training Handbook can only provide limited guidance as they are both in the process of being rewritten.

The long-term training application process has been streamlined, applicants are strongly advised to contact Code 2241

(Training Center, Bldg. 00947, Rm. 212) for information and application forms. The deadline for submission of applicants for programs commencing in the fall semester or fall-winter quarter of 1991-92 is March 15.

Information on LTT policies and application procedures is available from Bill Bethke and Sue Swett, Code 2241, NWC ext. 2349.

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Learn more about Lincoln at Cerro Coso

Dr. Don E. Fehrenbacher, William Robertson Coe Professor of History and American Studies Emeritus, Stanford University, will talk about *Abraham Lincoln and the Literary Figures of His Time* at the Cerro Coso Community College Lecture Center on Thursday, Feb. 21. The talk begins at 7 p.m.

Dr. Fehrenbacher is a Lincoln and Civil War scholar. His book, *The Dred Scott Case: Its Significance in American Law and Politics*, won the Pulitzer Prize in History for 1979. He has written a number of other books and was responsible for editing the recently published *Abraham Lincoln: Speeches and Writings* for the Library of America.



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Apply now for long-term training

Applications for long-term graduate and undergraduate level training (training off Center for a period of more than 120 consecutive working days) beginning in fall of 1991 are invited from NWC employees. To be eligible for long-term training, interested individuals should be employed at NWC for at least three years at the time studies begin and, if applying for undergraduate level training, must be within 2 years of completing the undergraduate program.

Long-term training may be considered to meet any of the following objectives:

1. To update employees' knowledge where several years have passed since they have completed or left academic or in-service training.

2. To give technical employees

management skills when job responsibilities have, or will become, managerial.

3. To update employees' knowledge and background in their job specialty.

4. To teach employees aspects of another occupation that relates to their present occupation where responsibilities are interdisciplinary of multidisciplinary.

5. To provide educational opportunities stressing motivation and human relations.

Both graduate and undergraduate programs are supported by NWC.

The Long-Term Training

Committee (LTTC) will consider applications in any area of study that relates directly to NWC program requirements. The primary criteria the LTTC follows in determining when long-term training is used instead of after-hours, part-time or short-term programs are as follows:

1. The new knowledge and skills required of the employee, either in present or planned career assignments, necessitate a comprehensive, concentrated program of study.

2. The time span for acquisition of new skills and knowledge is such that an accelerated study

program of long-term full-time duration is required.

3. It is determined that the academic superiority of the institution selected is such that it is clearly in the best interest of the government that the employee attend the selected educational institution.

4. There is no educational institution or academic program in the local or community area for part-time or after-hours training.

Long-Term Training funds are available to cover the trainee's

travel allowance to and from school (one round trip), tuition and fees required for enrollment, and payment of a reduced rate per diem to cover the cost of rent and utilities. Code 2241 will be responsible for payment of the trainee's salary including MTP funding.

The following areas of critical need have been established by Center management:

At the graduate level: systems (Continued on Page 21)

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Security concern limiting some uses of vehicles

Preventive measures to reduce opportunities for the placement of bombs should be constantly observed during our current world situation. On Jan. 22, Captain Douglas W. Cook, NWC Commander, issued a directive that official government vehicles will not be left parked at the Inyokern Airport or anywhere in town for any extended period of time.

Use your own judgement and common sense regarding the amount of time you park a government vehicle unattended during a meeting off-Center. If you

will be attending a lengthy meeting, consider riding with someone who is also attending and not driving a government vehicle. Rental cars will be used instead of government vehicles for overnight official travel.

Measures taken to minimize the placement of bombs are a responsibility of all NWC employees. For further information, call Security Education at NWC ext. 2661.

Security Education & Assistance Office

NWC HOTLINE
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Call: NWC ext. 3636 (24 hours)
or call the Inspector General at:
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Secure work area task of all

Due to increased world tensions all hands are notified to increase their individual security awareness and continue to follow conscientious security procedures within all areas of operation.

All personnel are to:

- Be aware of suspicious items in your work area such as unattended briefcases, packages, etc.
- Inspect mail for letter/parcel bombs.
- Be suspicious and inquisitive of strangers; challenge personnel in restricted areas who are not wearing a badge.
- In unrestricted areas, be suspicious of strangers.

• Be alert for unidentified vehicles in areas where they would not normally travel.

• Conduct security checks at your immediate work area at the end of each day.

• Secure and regularly inspect all buildings, rooms, areas not in regular use.

• Remember, security is the responsibility of each and every one of us.

For further information regarding specific security procedures, contact your department security coordinator. Report all suspicious activity/occurrences to China Lake Police, NWC ext. 3324.

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ENGINEERS WEEK--Capt. Douglas W. Cook, NWC Commander, signs the proclamation for National Engineers Week in the Indian Wells Valley. Joining him in signing was Ridgecrest Mayor Flo Condos (left). Valerie Rogers of hIDEA, the sponsoring organization, looks on. Photo by PH3 Cary Brady

'Buckle up' for safe kids

Buckle up for love! This week is Child Passenger Safety Awareness Week. The theme, *Buckle Up for Love!* is designed to encourage parents and others to protect their children in child safety seats and safety belts by correctly using them.

Motor vehicle crashes are the number one killer andcrippler of children. Correct use of child safety seats and belts has been shown to be highly effective in preventing both death and injuries to children four and under.

Correctly using a child safety seat means the restraint should be properly installed in the vehicle (i.e., vehicle seat belt routed cor-

rectly around the seat) and the child placed in the restraint properly (i.e., seat rear-facing if the child is very young, with the harness in use).

In 1989, highway crashes killed 723 child passengers under the age of five. Parents can help reduce the number of deaths caused by such crashes by buckling in their loved ones every time they drive. Child restraint systems saved 238 lives in 1989, and 1,324 children since 1982.

All 50 states and the District of Columbia have laws requiring infants and young children to be placed in safety seats and secured with safety belts.

It is important to secure the

child properly for his age and weight for maximum safety. Guidelines set by the Department of Transportation state the following:

- From birth to 9-12 months or weight of 20 pounds, you should use an infant or convertible seat facing the rear.

- From 9-12 months or 20 pounds to four years or 40 pounds, use a convertible or toddler seat.

- From four years or 40 pounds to eight years or 70 pounds, keep children in convertible or toddler seats as long as they will fit.

- From eight years and older or 70 pounds or more, use the protection system in the vehicle.

Engineers Week set for Feb. 23 meeting

Operation Desert Shield: Engineering Challenges During Contingencies will be the topic at the High Desert Engineering Association's (hIDEA) meeting scheduled for Friday, Feb. 22, at the Carriage Inn Conference Center starting at 8 p.m. Co-sponsored by the Reserve Officers Association, in celebration of National Engineers Week.

Lt. Col. Linda J.M. Root, directorate for engineering and services, Hq 15 Air Force, March Air Force Base, will talk about how engineering forces have had to face many challenges and tests in Operation Desert Shield which had not been previously experienced. She will discuss the challenges faced at one forward operation location and include Air Force engineering contingency roles, facility types used and lessons learned, as well as other engineering issues.

A social hour starts at 6 p.m., followed by a Polynesian Buffet. Cost is \$15 per ticket when purchased on or before Feb 19, or \$18 per ticket after that date.

Tickets may be purchased by calling Valerie Rogers, NWC ext. 3341; Ed Fink, 375-0095; Jim Serpanos, NWC ext. 3663; or Tree Crabtree, NWC ext. 3261.

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Wellness Corner

Blood, lifestyles, and physical fitness are assessed in the Annual Spring Health and Fitness Assessments. For employees who are unfamiliar with assessment procedures, there will be a limited number of briefings offered. The briefing sessions will outline the why and how of the wellness concept, assessments, and answer questions you may have. You may pick up your questionnaire at your blood draw.

The easiest way to make your appointment for a blood draw or fitness assessment is by computer. You do not need an account number. Simply go to any computer or terminal that will connect to the SCFC VAX. If you have access to another VAX on the network, log on and type "set host scfc". Once connected to SCFC, "user name" will appear on the screen. Type in "Wellness" and options will appear for scheduling, deleting, or looking up appointments for the blood draw and physical fitness assessments. If you do not have access to the SCFC VAX, call NWC ext. 2468 and leave a message giving your name, extension, code, and the date, place, and time you want your appointment.

Employees at EWTES need to call Bret Jacobson at NWC ext. 3571, x315 to schedule appointments. Sandy Brown at NWC ext. 7418 will schedule all appointments for employees east of the CLPL gate.

BRIEFING SCHEDULE 1991

Feb. 20, 1 p.m., Range Control Complex, Range Headquarters, Bldg. 31457, Conference Room 104
Feb. 21, 1 p.m., Thompson Lab, Bldg. #31433, Conference Room 2
Feb. 25, 4 p.m., Training Center, Room 202
Feb. 26, 1 p.m., Public Works, Bldg. 981, Conference Room
Feb. 27, 1 p.m., Engineering Lab, Conference Room 2001B
Feb. 28, 4 p.m., Michelson Lab, Little "D" Conference Room
March 4, 4 p.m., Michelson Lab, Little "D" Conference Room
March 7, 1 p.m., Michelson Lab, Little "D" Conference Room

PSD course set

A PSD Transportation Seminar is set for Wednesday, March 13, from 9:30 to 11:30 a.m. and from 12:30 to 2:30 p.m. at the NWC Training Center

For more information, call Mary Jane Hall, PSD transportation supervisor, at NWC ext. 3517 or 2924.

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BLOOD DRAW SCHEDULE 1991

Feb. 20 (Wed.), Range System Lab (IOB), Bldg. 32544, Conference Room 123
Feb. 21 (Thurs.), Armitage Field, NAF-80 Bldg 20192
Feb. 22 (Fri.), Armitage Field, NAF-80 Bldg 20192
Feb. 26 (Tues.), Thompson Lab, Conference Room 2
Feb. 27 (Wed.), Range Control Complex, Range Headquarters, Bldg. 31457, Conference Room (Room 104)
Feb. 27 (Wed.), Branch Medical Clinic
Feb. 28 (Thurs.), EWTES-call Bret Jacobson for appt., NWC ext. 3571, x315
Feb. 28 (Thurs.), Branch Medical Clinic

March 1 (Fri.), Branch Medical Clinic
March 5 (Tues.), Public Works, Bldg. 981, Conference Room
March 6 (Wed.), Public Works, Bldg. 981, Conference Room
March 6 (Wed.), Branch Medical Clinic
March 7, (Thurs.), CLPL, Bldg. 151, Room 10; contact Sandy Brown for appt., NWC ext. 7417
March 7, (Thurs.), Branch Medical Clinic
March 8, (Fri.), Engineering Lab, Conference Room 2001AB
March 8, (Fri.), Branch Medical Clinic
March 12, (Tues.), CLPL, Bldg. 151, Room 10; contact Sandy Brown for appt., NWC ext. 7417
March 13, (Wed.), Engineering Lab, Conference Room 2001AB
March 13, (Wed.), Branch Medical Clinic
March 14, (Thurs.), Michelson Lab, "Little D" Conference Room
March 14, (Thurs.), Branch Medical Clinic
March 15, (Fri.), Michelson Lab, "Little D" Conference Room
March 15, (Fri.), Branch Medical Clinic
March 19, (Tues.), Michelson Lab, "Little D" Conference Room
March 20, (Wed.), Michelson Lab, "Little D" Conference Room
March 21, (Thurs.), Michelson Lab, "Little D" Conference Room

Teachers needed

Meeting set for March 6

California State University, Northridge (CSUN) is looking for instructors to teach electrical engineering, mechanical engineering, applied mechanics and systems engineering courses in its master's degree program on-Center.

Prospective instructors should have a master's degree

On March 6, between 11 a.m. and 1 p.m. three chairmen of CSUN engineering departments will be available at the Training Center to talk to prospective instructors. Those interested are encouraged to bring a resume to submit to CSUN for possible future consideration.

Applicants should have at least a master's degree.

Anyone interested in teaching for CSUN but cannot attend the meeting on March 6, should call Cecil Webb, NWC ext. 2648, to obtain information on forwarding the resume to CSUN.



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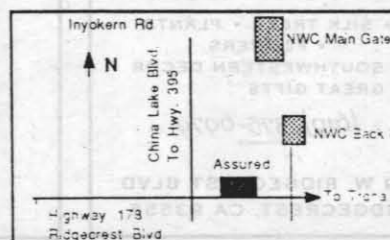
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Promotional opportunities available at NWC

Secretarial opportunities

This column is used to announce secretary positions for which the duties and job relevant criteria are generally similar. Secretaries serve as the principal clerical and administrative support in the designated organization by coordinating and carrying out such activities. Secretaries perform numerous tasks which may be dissimilar. Positions at lower grades consist primarily of clerical and procedural duties and, as positions increase in grades, administrative functions become predominant. At the higher levels, secretaries apply a considerable knowledge of the organization, its objectives and lines of communication. Depending on grade level, typical secretary duties are implied by the job relevant criteria indicated below.

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. 31-008, Secretary (Typing), DG-318-1/2, Code 3143 - Incumbent will provide secretarial and administrative support to the A-6E/AV-8B Test and Instrumentation Branch. Ability to operate a desktop personal computer and knowledge of Wordstar word processing software is desirable. Promotion potential for this position is DG-2.

No. 35-003 Secretary (Typing) DG-318-1/2, Code 3515 - This position is located in the Harm Software Branch, Attack Weapons Department. Incumbent will provide secretarial support to the branch. Ability to use the Macintosh PC is desirable, but not required. Incumbent must be able to obtain and maintain a Secret clearance. Promotion potential to DG-2, but not guaranteed. Previous applicants need not reapply.

No. 36-002, Secretary (Typing), DG-318-1/2, Code 3642 - Incumbent

provides secretarial support for the Engineering Branch (Code 3642). Duties include: typing, processing travel orders, and various administrative duties. Knowledge of SECMAN/INST's 5216.5C and 5210.11D, NWC correspondence procedures, and travel regulations required. Incumbent must be able to meet and deal effectively with others, have the ability to interpret/apply written material, and keep office work completed with little supervision. Experience with Macintosh computers is desirable. Promotion potential to DG-2, but not guaranteed.

No. 38-007, Secretary (Typing), DG-318-1/2, Code 3894 - Position is located in the Research Department, Engineering Sciences Division, Warhead Dynamics Branch. We are located in a beautiful remote location, yet only 5 minutes to central site and Ridgecrest. Incumbent provides

secretarial and administrative support for the branch Head, and staff. Additionally, the incumbent will assist elsewhere in the division when needed and work load permits. Ability to meet and deal effectively with others is highly desirable. Knowledge and working skill on the Macintosh SE/SE-30/11 is desirable. Only one position available, don't delay, act now by submitting your SF-171. The full performance level of this position is DG-2. This corrects a previously advertised position.

No. 39-048, Secretary (Typing), DG-318-1/2, Code 3952 - Incumbent provides secretarial and administrative support to the RF Guidance Analysis Branch. Knowledge of and working skill on the Macintosh PC is desirable. Must be able to obtain and maintain a Secret clearance. Promotion potential to DG-2. Previous applicants need not reapply.

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. 31-007, Interdisciplinary, (Industrial Engineer/Operations Research Analyst), DP-896/1515-2/3, Code 3152 - This position is in the Human Factors Branch of the Aircraft Weapons Integration Department. The incumbent provides human engineering support for various aircraft and weapon programs. The incumbent performs mission analyses, task analyses, timeline analyses, input and review of specifications, and analyses of unique operator/weapon and operator/aircraft interfaces using a systems engineering approach. Duties include participation in aircraft and weapon design reviews/status meetings, and interfacing with contractor human engineering personnel. A moderate amount of travel is required. Promotion potential to DP-3. To apply, send an

updated SF-171 to Carol Burge, Code 3152, NWC ext. 3796.

No. 35-007 Interdisciplinary Computer Scientist/ Mathematician/ Physicist/ General Engineer/ Electronics Engineer/ Mechanical Engineer/ Aerospace Engineer, DP-1550/ 1520/ 1310/ 801/ 855/ 830/ 861-2/3, Code 3513 - This position is located in the Systems Effectiveness Branch of the Attack Weapons Department. The incumbent is responsible for installing, maintaining, and manipulation of large automated data bases on a micro VAX II computer system. The incumbent will act as system hardware and software manager providing system and application software upgrades as required. SF-171 should be sent to Bill McBride, Code 3513, ext. 3998.

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To order this informative book, send a check or money order to Federal Employees' Almanac, P.O. Box 7528, Falls Church, Virginia 22040-1428. The price is \$5.95 each for orders of 1 to 5 copies, \$5.70 each for orders of 6-19 copies, \$5.50 each for orders of 20-49 copies, or \$5.35 each for orders of 50-99 copies.

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Supercomputing Users Group on Feb. 14

Wayne Tanaka, a Naval Weapons Center employee in the Laser Systems Branch, will talk about the *Optical Discrimination Program* during the next Super-

computing User Group meeting, which is scheduled for Thursday, Feb. 14, in Room 1000D of Michelson Lab. The program, which starts at 1 p.m., will also

include discussion on laser targeting using DELTAS (Defense Laser Target Simulation), a code developed for SDI.

Personnel from the NWC

Computing Division will be on hand to talk about what is new with the NWC Cray and to answer any questions.

For more information, call

Jack Van Wieren, Code 27203, NWC ext. 3597.

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Simulations provides aviators tactics development skills

(Continued from Page 1)

real-world cockpit environment. What may seem like a simple task in the wargaming environment,

This involves fleet pilots in the same kind of situations they are likely to encounter in combat.

might just be too much for a pilot in a combat setting."

A unique feature of WEPTAC's simulation is the ability to wargame the big picture, "the battle group and its interactions with the airwing are part of simulation considerations," notes Andrews. This involves fleet pilots in the same kind of situations they are likely to encounter in combat. For example, if a carrier battle group is under attack, the pilots need to know how the ship's surface-to-air missile engagements will impact their air operations.

Still another strength of WEPTAC is its flexibility and interactive capability. Pilots are able to run any number of "what if" encounters with the simulation computers. This gives decision makers a good understanding of what impact different variables will have on any given tactics problem.

Following a simulation, the NWC team conducts an analysis of what took place. This analysis includes quantitative data, (i.e. the number of kills, number of losses etc.) and qualitative data (i.e. tactical analysis of decisions and fleet player comments). A formal report detailing the analysis is written following every exercise. The pilots also make a report, after they return to their squadron and fly the tactics simulated in the wargames.

Other aspects of WEPTAC are used a great deal at the OPNAV level in Washington. These tasks include looking at the "what ifs" of future generations of weapons systems such as stealth technology or the F-14D (now in its operational evaluation phase). This long-range analysis work can include concepts of systems that just might be around in the future.

"We help the Navy look at requirements for the

future," said Andrews. For example, some of the Navy's aircraft are 1950s and 1960s vintage design and will need to be replaced in the next 20 years. WEPTAC helps decision makers know where to spend limited budget dollars when there are options. This part of WEPTAC does threat analysis on what kinds of threats the air Navy is likely to face 20 years or so down the road and provides data used to set spending priorities. "OPNAV asks us to help look at what the keys will be to future battles," added Andrews.

As effective as WEPTAC has been in tactics development and analysis and working OPNAV crises, the future looks even more exciting because of improved computer hardware and software. The original system (WEPTAC Phase I) was designed

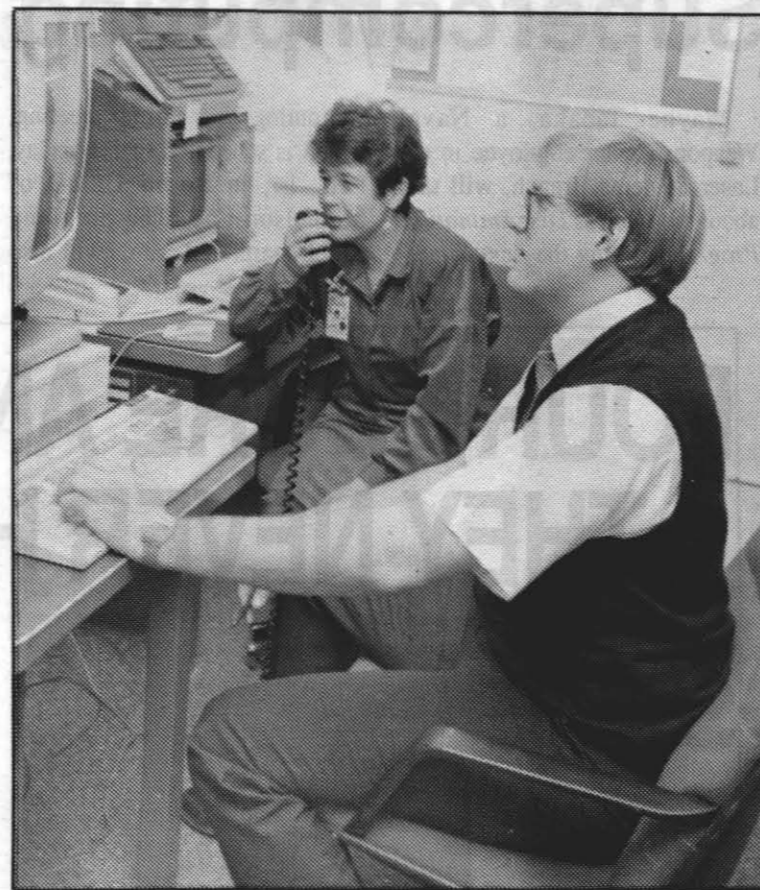
Vastly improved graphics, color monitors and other advances... will go into Phase II.

and developed in the late 1970s. WEPTAC Phase II will be a great leap forward and take advantage of many of the lessons learned in the past dozen or so years.

Structured programming will aid in making the Phase II software portable, which means as improved hardware is developed, the simulation can be loaded onto the upgraded computers and not have to be redeveloped. "If we do this smartly, we can develop and install the new simulation and retain the capability to improve the hardware over the years without the major expense of software work," commented Andrews.

Vastly improved graphics, color monitors and other advances to computer technology during the 1980s will go into making Phase II a much better wargaming, analysis and simulation system.

But in the end, it's going to take the talented WEPTAC team to harness all the new technology into a functional system. It may be computer-driven, but it's the WEPTAC team that brings everything together.



RUNNING THE GAME--WEPTAC analysts Paul Works and Lori Gunther use the umpires' room to monitor a wargame simulation.

Photo by PH3 Cary Brady

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Qualified individuals sought to fill positions

(Continued from Page 16)

urinalysis for illegal use of drugs prior to a final selection. The selection is contingent upon a negative drug test result, and thereafter the selectee will be subject to drug testing on a random basis as the incumbent of a Testing Designated Position (TDP). Further, all Department of the Navy employees may be subject to drug testing under certain circumstances such as reasonable suspicion and after an accident. All individuals will have an opportunity to submit medical documentation that may support the legitimate use of a specific drug to a Medical Review Officer. An applicant's test results will be provided to the selecting official and servicing Civilian Personnel Office before a final selection is made. A verified positive drug test of a current Department of the Navy employee will also be provided to the employing activity/command (NAVWPNCENINST 12792.2, 14 Dec 90). This ad closes on 2/28/91.

No. 61-008, Flight Test Scheduler, DS-301-1, Code 611- This position is located in the Airfield Operations Division, Aircraft Department. This position is assistant to the Flight Scheduler in the day to day operations of aircraft flight scheduling for Armitage Airfield. Duties include: assisting the Flight Scheduler in scheduling NAVWPNCEN and visiting aircraft operating on NAVWPNCEN flight schedule; assigning aircraft and pilots for project, logistic, and training flights; monitoring submitted aircraft flight requests for completion and accuracy; preparing flight requests for all logistic, training, SAR, MEDIVAC, VIP, and maintenance of test flights. The Division Head will also assign duties including maintenance and logbook recording; financial accounting and reporting of aircraft flight hours, logistic flight data reporting, and aircraft utilization reports. **Job Relevant Criteria:**

No. 62-007, Electronics Technician, DT-856-2/3, Code 62221- This position is located in the Supersonic Naval Ordnance Research Track (SNORT) Operations Branch of the Range Department. Duties are performed in support of the instrumentation section in meeting all instrumentation needs of the track tests. These duties include: preparation of instrumentation systems for track use under direction of and coordination with Code 62221 engineering staff and track customers; operation of local equipment for those systems or transducers requiring calibration; assistance in preparation of calibration documentation; and working with members of the section team and ground station in establishing adequate telemetry and instrumentation systems for sledborne and track-side use. **Job Relevant Criteria:** Knowledge of NWC test range instrumentation; skill in using electronics test equipment; ability to develop and interpret schematics and engineering drawings; ability to maintain, calibrate, and troubleshoot electronic equipment. **Promotion potential to DT-3, but not guaranteed.**

No. 62-008, Supervisory Electronics Technician, DT-856-3, Code 62362- This position is located in the Baker Section of the Radar Branch of the Instrumentation Systems Division of the Range Department. As Section Head, the incumbent is responsible for the supervision of the Baker Radar Sites. The incumbent will supervise the fabrication, operation, and maintenance activities at the

North Range Radar systems used for missile and aircraft testing on NAVWPNCEN North Range. This will include the troubleshooting and maintenance of transmitters, solid state and/or tube receivers, servo systems, data systems, and video systems for pulsed tracking radar systems. The incumbent may be required to serve a one-year probationary period. Overtime and out-of-hours work is required. **Job Relevant Criteria:** Knowledge of digital and/or analog circuit design; ability to troubleshoot digital and/or analog circuits; knowledge of radar transmitter circuits (HV, RF, power safety); ability to deal with all levels of technical management; knowledge of affirmative action principles including a willingness to implement NWC's EEO practices and policies. **This ad closes on 2/28/91.**

No. 62-009, Electronics Technician, DT-856-A/1/2/3, Code 62041- This position is located in the Junction Ranch Test Section of the Radar Cross-Section Range Office in the Range Department. The incumbent will perform Radar Cross-Section (RCS) testing at the Junction Ranch (RCS) test range and other technical duties in support of the test facility. The incumbent will work an irregular "first forty" schedule, however, 60-hour work weeks are common. Incumbent must be able to obtain and maintain a Top Secret security clearance. ****Any applicant tentatively selected for this position will be required to submit to urinalysis for illegal use of drugs prior to a final selection. The selection is contingent upon a negative drug test result, and thereafter the selectee will be subject to drug testing on a random basis as the incumbent of a Testing Designat-**

ed Position (TDP). Further, all Department of the Navy employees may be subject to drug testing under certain circumstances such as reasonable suspicion and after an accident. All individuals will have an opportunity to submit medical documentation that may support the legitimate use of a specific drug to a Medical Review Officer. An applicant's test results will be provided to the selecting official and servicing Civilian Personnel Office before a final selection is made. A verified positive drug test of a current Department of the Navy employee will also be provided to the employing activity/command (NAVWPNCENINST 12792.2, 14 Dec 90). **Job Relevant Criteria:** Ability to use common electronics tools; knowledge of radar and radar systems; knowledge of NWC test range operations. **Promotion potential to DT-3, but not guaranteed.**

No. 62-010, Model Maker Leader, WL-4714-15, Code 62222- This is a temporary promotion not to exceed 1 year, however, promotion may be made permanent. This position is located in the Engineering Section of the Track Operations Branch (SNORT), Range Operations Division, Range Department. Incumbent is a working leader who leads several employees in accomplishment of work assigned by the section head. In addition, the incumbent is required to perform the duties of a model maker, which includes fitting, assembling, installing, testing, and modifying complete structural and mechanical prototypes of experimental and developmental models or devices required in the track testing field. The incumbent must have experience with pertinent metals and

measurement layout. **Job Relevant Criteria:** Ability to act as a leader; ability to interpret instructions; knowledge of pertinent tools and equipment; applied knowledge of the trade. **A supplemental is required and can be obtained in room 100 of the Civilian Personnel building.**

No. 64-014, Flight Test Specialist, DS-301-2/3, Code 6445- This position is located in the Test Operations Branch of the EWTES Division. As a Flight Test Specialist, the incumbent is responsible for assisting project personnel and range customers in the preparation and planning of tests on the NAVWPNCEN EWTES Facility. Duties include range safety, drawing flight profiles, and conducting tests. An understanding and experience with electronic warfare is preferred. **Job Relevant Criteria:** Knowledge of Flight Test Operations; knowledge of Naval Tactical Data System (NTDS); knowledge of flight safety; ability to interpret and apply rules, regulations, policies, procedures, and instructions; ability to work independently; ability to deal effectively with people. **Promotion potential to DS-3, but not guaranteed.**

Pettit sets visit

Professor Pettit of Cal-State University, Northridge (CSUN) will be on-Center Feb. 27 to advise current and prospective students in the master's degree program offered by the school in electrical engineering.

Those wanting an appointment should call NWC ext. 2648.

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Personnel News

Promotional opportunities

Applications for positions listed below are being accepted from Department of Navy employees currently working at NWC and from eligible employees of attached activities who are permanently assigned to NWC. This group includes employees with career or career conditional appointments; employees with permanent Veterans Readjustment Act (VRA) appointments; temporary employees with reinstatement eligibility; and handicapped employees with Sch. (A) continuing appointments. Also included are spouses, with competitive status, of civilian sponsors hired by a DOD activity within NWC's commuting area. Applications from other groups will be accepted when specified in an advertisement. Vacancies are subject to restrictions imposed by the DOD Priority Placement Program. Applicants must meet all legal and regulatory requirements, including minimum qualifications requirements, by the closing date of the advertisement. Evaluation of applicant's qualifications will involve using at least two assessment measures. Assessment measures are work experience, annual performance assessment rating and narrative, education, training, performance assessment and awards.

Eligible spouses (of military sponsors) with competitive employment status may apply for employment preference. Those enrolled in this program will automatically receive consideration for employment on vacancies for which they applied. For initial employment information, career counseling and enrollment, call 939-3317 for an appointment.

HOW TO APPLY: Submit the following: a current application, SF-171 or other Human Resources Department pre-approved form; a copy of your most recent annual performance assessment narrative (note: a copy of your performance plan should be attached if the annual performance narrative description does not clearly state the tasks/duties performed); and a completed Background Survey Questionnaire. A supplemental narrative which relates your qualifications to each knowledge, skill or ability (KSAs) as cited in the advertisement is always desirable and may be required if stated in the vacancy announcement. Write the title, series, level (grade), and announcement number on all application materials. Not submitting the annual performance narrative may adversely affect your evaluation scores. Prior to submitting your application, complete Cover Sheet Form 12335/2, available at the reception desk. Make sure your address, phone number, etc. are current, correct and that all forms are complete and accurate. If information is missing, your qualifications may not be fully and completely rated. Additional information cannot be submitted after the closing date of the announcement. A current date and a signature on the last page completes the application. Civilian Spousal Program Eligibles with competitive employment status must submit a copy of their sponsor's PCS orders with each application in order to be considered for Merit Promotion vacancies which do not state that status eligibles may apply.

Application materials are accepted, and blank forms are available, at the Reception Desk, Room 100, Human Resources Department, 505 Blandy. Announcements close at 4:30 p.m. on Thursday, one week after the opening date of the announcement, unless otherwise specified. Applications received after 4:30 p.m. on the closing date will not be considered. Copies of Applications may be submitted since applications are kept in an announcement file and cannot be returned or filed in personnel folders. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any non-merit reason.

No. 24-004, Lead Firefighter, GS-081-6, Code 242 - This position is located in the Fire Division of the Safety and Security Department. Incumbent is crew chief of a major piece of motorized firefighting apparatus and its crew. Duties include answering fire alarms; instructing crew in operation of fire equipment and all phases of firefighting and directing fighting of fires in absence of higher authority. **Job Relevant Criteria:** Knowledge of fire prevention practices; ability to supervise and conduct inspections and identify fire hazards; ability to communicate in writing; ability to communicate orally; knowledge of locations (streets, water distribution, alarm/detection systems, building contents/layouts, etc.); ability to plan ini-

nity to submit medical documentation that may support the legitimate use of a specific drug to a Medical Review Officer. An applicant's test results will be provided to the selecting official and servicing Civilian Personnel Office before a final selection is made. A verified positive drug test of a current Department of the Navy employee will also be provided to the employing activity/command.

No. 24-005, Electronics/Computer Engineering Technician, DT-802-2/3, Code 2408 - This position is located in the Safety and Security Department, Computer Security Office. Incumbent is responsible for administering the NWC TEMPEST Program. Incumbent will assist in ensuring adequate security policy and procedures for all Center Computer, Office Information and Network Systems. Background in computer security and technical experience in computer hardware or electronics is preferred. Some travel may be required. Incumbent must be able to obtain and maintain a Top Secret security clearance. **Job relevant criteria:** Knowledge of TEMPEST regulations; Knowledge of electronic circuit design; Knowledge of FCC Part J or similar programs; Ability to research, interpret and implement written instructions; Ability to deal with all levels of technical management; Ability to communicate in writing; Ability to communicate orally. **NOTE:** Any applicant tentatively selected for this position will be required to submit to urinalysis for illegal use of drugs prior to a final selection. The selection is contingent upon a negative drug test result and, thereafter the selectee will be subject to drug testing on a random basis as the incumbent of a Testing Designated Position (TDP). Further, all Department of the Navy employees may be subject to drug testing under certain circumstances such as reasonable suspicion and after an accident. All individuals will have an opportunity to submit medical documentation that may support the legitimate use of a specific drug to a Medical Review Officer. An applicant's test results will be provided to the selecting official and servicing Civilian Personnel Office before a final selection is made. A verified positive drug test of a current Department of the Navy employee will also be provided to the employing activity/command.

No. 32-002, Electronics Technician/Engineering Technician, DT-856/802-2/3, Code 3213 - This position is located in the Detonation Physics area of the Explosive Development Branch of the Energetic Materials Division. The incumbent will work as a member of a team conducting a variety of tests to measure the detonation properties of energetic materials (propellants and explosives). Duties will include fabrication of test assemblies, setting up and testing electronic instrumentation,

ultra high speed cameras, high energy firing systems, control systems, data recording equipment and operation of instrumentation during explosive tests. Duties also include recording and analyzing test data, generating and maintaining test records and maintaining ordnance and explosive inventory records. Performance of these duties will require the incumbent to acquire a thorough working knowledge of all safety regulations and procedures applicable to the test area and a willingness to support and adhere to those procedures. The incumbent will be expected to participate in training leading to certification as an explosive firing officer. **Job Relevant Criteria: Engineering Technician:** Knowledge of basic electronics; ability and willingness to follow safety rules and regulations pertaining to explosive and ordnance operations; ability to work independently and effectively with co-workers; ability to communicate orally; skill in handling explosives, propellants and ordnance; skill in operation of hand and machine tools. **Electronics Technician:** Knowledge of design, development, evaluation, testing, installation and maintenance of electronic equipment; ability and willingness to follow safety rules and regulations pertaining to explosive and ordnance operations; ability to work independently and effectively with co-workers; ability to communicate orally; skill in handling explosives, propellants and ordnance; skill in operation of hand and machine tools. Promotion potential to DT-3.

No. 35-006 Supervisory Interdisciplinary General Engineer/Mechanical Engineer/Aerospace Engineer/Electronics Engineer/Mathematician/Physicist/Computer Scientist/Operations Research Analyst, DP-801/830/850/855/861/1310/1515/1550-3/4, Code 3518 - This position is that of Head, Weapons Concepts Branch, Weapons Systems Analysis Division, Attack Weapons Department. As branch head, the incumbent directs a multidisciplinary staff which conducts a wide range of analysis tasks including analysis of infrared and R.F. guided weapons, signal processing techniques using advanced neural networks, weapons planning studies, and force-on-force effectiveness analyses. **Job relevant criteria:** Knowledge of weapon flight dynamics, mid-course and terminal guidance systems; Knowledge of the weapons development process; Knowledge of affirmative action principles including a willingness to implement NW's EEO practices and policies; Ability to plan, organize, coordinate, and manage a technical program. Incumbent may be required to serve a one-year supervisory probationary period. Promotion potential is DP-4, but not guaranteed. Previous applicant need not reapply.

No. 36-001, Supervisory Inter-

disciplinary (General/Mechanical/Electronics/Industrial Engineer), DP-801/830/855/896-3/4, Code 3648 - This position is head of the Precision Electromechanical Support Branch, Engineering & Production Processes Division, Engineering Department. The incumbent supervises organizational functions which are predominantly technical in nature. The primary focus of the branch is to provide production engineering support for precision electromechanical devices, i.e., Safe & Arming, Fuzing, etc. Principal activity of the branch head is devoted to directing and actively participating in the technical tasks of the personnel being supervised. Incumbent plans, schedules, budgets, and conducts phases of technical work of considerable scope and complexity. Additional responsibility includes the coordination of materials, processes, and prototype fabrication of precision electromechanical devices. **Job Relevant Criteria:** Knowledge of fuze safe and arming devices and their interfaces; ability to manage technical projects; ability to coordinate the efforts of a multi-disciplinary staff of professionals and technicians; ability to plan and allocate human and financial resources; ability to interact, coordinate, and negotiate with Center, Navy, and contractor personnel. Knowledge of and willingness to support NWC EEO policies and goals. Incumbent may be required to serve a one-year supervisory probationary period. Promotion potential to DP-4 but not guaranteed. Previous applicants need not reapply.

No. 61-006, Supervisory Airplane Pilot, DP-2181-3, Code 611A - This vacancy is the Associate Division Head, Airfield Operations Division, Aircraft Department. The division is responsible for operating Armitage Airfield facilities, air traffic control, planning and coordination of aerial target operations, fleet liaison, maintenance of ground electronics navigation and communications equipment, NATOPS program, and scheduling/dispatching of aircraft. **Job Relevant Criteria:** Skill in piloting heavy multi-engine aircraft; knowledge of instrument flight rules; skill at night flying; knowledge and willingness to support NWC EEO program goals and objectives; ability to interface effectively with both on and off-Center upper level management; ability to supervise a large group of personnel through subordinate supervisors. Promotion potential to DP-4, but not guaranteed. First time supervisors are required to serve a one year probationary period. A Supplemental Qualifications Statement (OPM for 1170/21) must be submitted with SF-171. It can be obtained in Room 100 of the Civilian Personnel Department. **Any applicant tentatively selected for this position will be required to submit to (Continued on Page 17)



SOLDERING TRAINING FACILITY--One of the trainees at the Center's school for soldering and electronic assembly processes, follows all the safety procedures with a board he has been assembling in a 80-hour certification session.

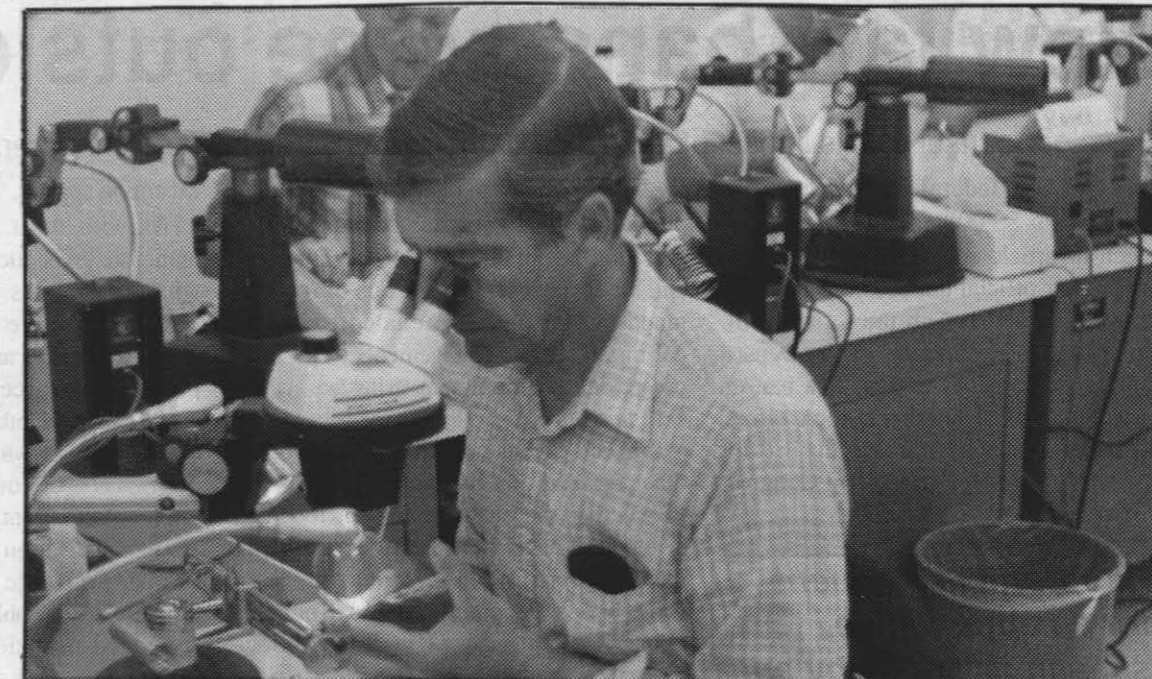
Soldering facility provides classes

(Continued from Page 1)

For the past 13 years, soldering technology training has been conducted through the Naval Weapons Center. The facility now offers six different classes and is planning for two additional offerings. The facility's charter is to train and certify instructors, examiners, inspectors and operators of electronics assembly equipment to meet standards of the Navy and the Department of Defense. Additionally, periodic recertification classes keep those already trained current in the latest technology developments.

"We not only teach the physical aspects of soldering and electronics assembly, but we show the importance of importance of material preparation for the process," commented Maurice.

The electronics industry recognizes NWC's leadership in the field and several hundred industry, academic and government representatives will be here next week to take part in the 15th Annual Electronics Manufacturing and Soldering Technology Seminar. The seminar is hosted by the Soldering Technology Branch (Code 3681) and NWC.



RIGHT TECHNIQUES--Students peer into magnifying glasses as they do precision soldering and assembly work. The students were taking an 80-hour class to become certified soldering process instructors.

Photo by PH3 Cary Brady



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Introducing Texas Instruments' new microLaser with both the Adobe PostScript language and, per PC World, "excellent" HP LaserJet Series II emulation. The microLaser is compact (only 13.4" w x 14.2" d x 10.9" h), does 6ppm (16ppm available), & fast-to-print (much faster than the HP LaserJet with any PostScript we've seen). You can get the non-PostScript microLaser and add PostScript or AppleTalk later (in about 5 minutes). The microLaser has 8 resident fonts & the PostScript microLasers have 17 or 35 resident fonts. Even operation is economical: The under-\$50 toner prints 3000 pages.



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New law bans some outside work for pay

Office of Counsel details impact of legislation barring federal employees from accepting many types of payment for off-duty efforts

In the past, federal employees could accept up to \$2,000 for an appearance, speech or article so long as it was not a part of their official duties and the subject matter did not focus on the responsibilities, policies and programs of the Department of Defense. As of Jan. 1, a ban on the acceptance of honoraria took effect. The provision was part of the Ethics Reform Act of 1989 passed by Congress on Nov. 30, 1989.

Honoraria is payment for an appearance, speech or article by an employee

Under the new rule, honoraria is defined as "a payment of money or anything of value for an appearance, speech or article by an employee, excluding any actual and necessary travel expenses incurred by such individual and one relative." To really understand whether or not an activity is prohibited, it is important to keep in mind how the terms "appearance, speech and article" are defined.

Appearance means "attendance at a public or private conference, convention, meeting, social event or like gathering, and the incidental conversation or remarks made at that time." Excluded from this definition will be engagements to perform or provide entertainment using an artistic skill or talent.

Speech means "an address, oration or other form of oral presentation, regardless of whether presented in person, recorded or broadcast over the media." This will not include the recitation of scripted material for a live or recorded theatrical production.

Article means "a writing, other than a book, which has been or is intended to be published." In addition to books, works of fiction, poetry, lyrics and scripts will not be included in the ban.

If your activity is outside these definitions, the acceptance of compensation will not be considered "honorarium" and the law does not apply. If your activity meets one of these definitions, acceptance of compensation will constitute an "honorarium" and a violation of the law, unless an

exception applies.

As with most laws and regulations, numerous exceptions have been made to what constitutes a prohibited activity. Those which we feel will most affect NWC employees are described below. It is permissible to accept:

•Meals and other incidents of attendance, such as waiver of attendance fees or provision of course materials furnished as part of the event.

•Compensation for teaching a course involving multiple presentations as part of the regularly established curriculum of an accredited institution of higher education.

•Salary, wages and other compensation pursuant to an employee compensation plan when paid by an employer for services on a continuing basis.

A violation carries a maximum fine of \$10,000 or the amount of compensation

If your activity falls outside these exceptions, you should contact the Office

of General Counsel, Code 006, for further guidance. A violation of this prohibition carries a maximum fine of \$10,000 or the amount of compensation received, whichever is greater.

Congress plans hearings to repeal or soften the impact on rank and file employees

This information comes from preliminary guidance issued by the Office of Government Ethics. We are expecting more detailed guidance to be issued in the near future. However, guidance may be delayed. During the last session of Congress, an attempt was made to soften the ban. The bill passed the Senate but not the House of Representatives. Hearings are planned early in the new session of Congress to prepare legislation which will repeal or soften the ban. For now, we must rely upon the guidance thus far provided.

By the Office of Counsel,
Code 006

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NWC youth improve their shooting skills

Improved shooting and better strategy highlighted last week's NWC Youth Basketball play. Several of the teams were evenly matched, resulting in close scores.

Division I

Rockets 20, Suns 16

Three field goals each by Eric Otto and Curtis Haney, along with two accurate shots by Chris Bachman and one each by Eric Kazenstein and Matt Worley gave the Rockets that extra boost. Suns scorers were Shannon Parks, Dirk Spoons, Glen Cordoza and Rory O'Neil.

Division II

Mavericks 30, Clippers 8

Fifteen points by Michael Bachman gave the Mavericks a commanding lead. Other scorers in the win were Sam Elson, Josh Bower, Aaron Bailey and Justin Nelson. In spite of the loss, the Clippers had good plays and shooting by Will Collier, Willie Eichenberg, David Turner and Joel Deeke.

Bulls 34, Rockets 20

Teamwork and good ball control put the Bulls on top. High scorers in the win were Jason Bull and Pete Greedy, followed by Jimmie Miller, P.J. Simmons and Matt Galyards. The Rockets proved to be a hard team to beat with shots by Mark Norlund, Chris Brown, Darren Hodge and Jamie Rugg. Mark Ogren and Dan Little each made a free

throw for the Rockets.

Spurs 33, Jazz 16

David Rollingson led his time to victory with seven field goals and three free throws. Other scorers in the win were Zach Hillewaert and Eddie Crawford. Defensive plays by Erin O'Neil and James Tam kept the Jazz from overscoring. Anthony Pfau dunked in eight points in the loss, followed by Jason Hiett's and Zachary Woydziak's combined score of eight points.

Division III

Pistons 54, Kings 44

In an exciting game, the Pistons managed to outshoot the Kings. Daniel La-Hage led his team with 20 points, followed by Andrew Dubois' 18 points. Daniel Peoples dunked in 10 points, while Jason Anderson and Randy Martin added to the winning score. Despite 15 points

by Jeff Randolph and 12 points by Behrang Goodarzirad, the Kings couldn't beat the Pistons. Kate George, Lenny Winterly, Sam Miles and Robby Moran also scored in the loss.

Lakers 46, Celtics 20

Twenty-two points by Brooke Fryar cinched the win for the Lakers. Other successful shooters for the victors were Dave Sutherland, Somai Otto, Jay Norlund, Andrew Huston and Lisa O'Neil. Celtics' scorers were Tim Jacob, Toby Adam, Galen Wilson and Jimmy Adam.

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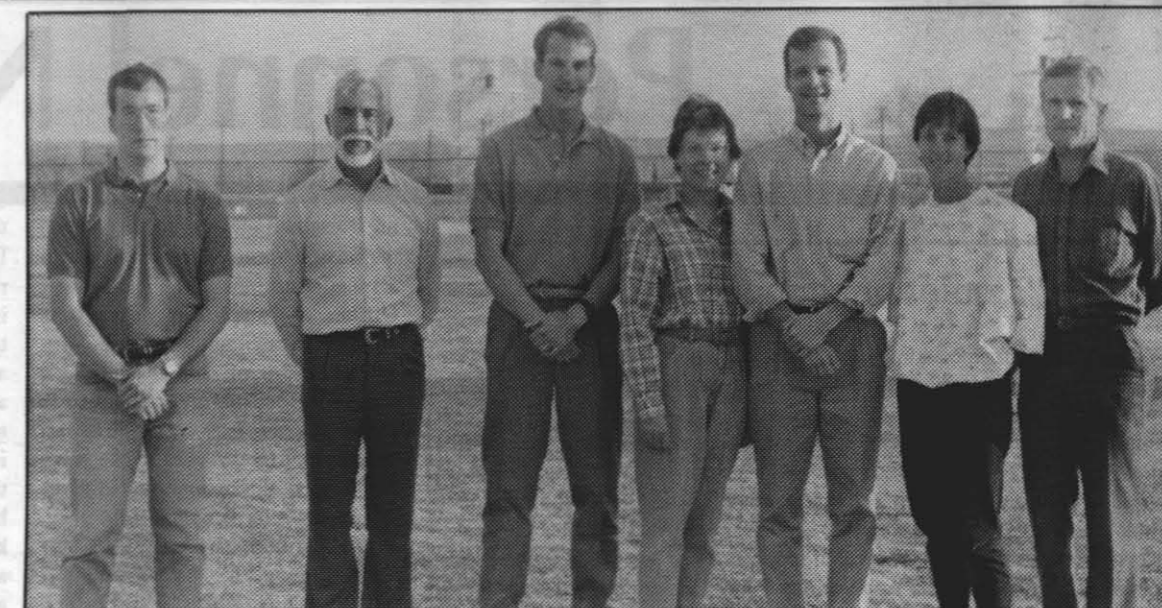
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ENJOYED THE CHALLENGE -- Ten China Lakers participated in the recently held Las Vegas Silver Anniversary Marathon. Shown above are Robert Dow, Chris L. Rios, Chip Keyes, Rena Jacobson, Bret Jacobson, Kathy Rindt and Tom Rindt. Not shown are John Anderson, Joe Oliver and Dennis Burge. According to Rios, the China Lakers made a good showing among the 2,100 contestants.

China Lakers participate in marathon

Ten China Lakers recently took part in the silver anniversary of the Las Vegas Marathon. The China Lakers were Robert Dow, Chris Rios, Chip Keyes, Bret and Rena Jacobson, and Tom and Kathy Rindt.

As first time marathoners, Dow, Keyes and Jacobson tallied pretty impressive times, noted Chris Rios, a NWC employee in the Engineering Department and an avid runner who has participated in more than 60 marathons. Dow crossed the finish line with a time of 3:25:42, while Keyes ran the course in 3:06:41. Jacobson's time was 3:52.

For her second marathon, Kathy Rindt ran a 3:05:13. Her husband, Tom, who is a marathon veteran, ran with her and clocked the same time.

Jacobson recorded a time of 3:28, while John Anderson crossed the finish line in 3:58. Oliver finished the race in 3:20 and Burge secured a time of 3:25:45. Rios recorded a time of 3:50.

More than 2,100 people participated in the 26.2 mile race, which is a prelude to the Boston Marathon.

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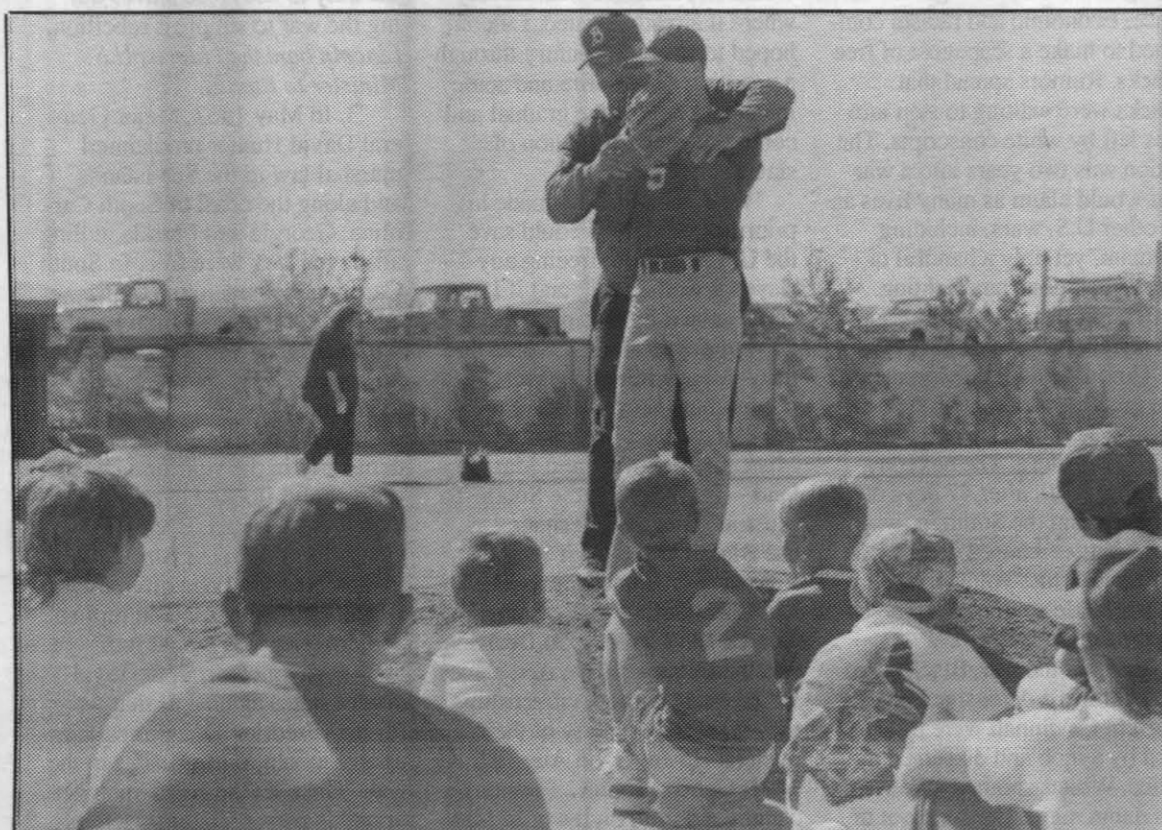
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Sports



LEARNING ALL THEY CAN -- Players and coaches picked up tips on hitting, pitching and fielding the ball last Saturday at the IWV Youth Baseball Clinic. Above, Tommy Mather, with the help of Rusty Ricker, shows the proper pitching form. Other volunteer coaches were Bill Sizemore, Saugus High School baseball coach; and Greg Gracie, Hitter's Restaurant. They were assisted by Pat Gilbreath, Brian Mather, Chris Neider and Matt Plugge.

OTHTC hosts Presidents' Day fun run

On Saturday, Feb. 16, the Over the Hill Track Club will host a Presidents' Day 10K and 5K fun run/walk. The event will start and finish at the NWC Gym. Registration will be held from 7 to 7:45 a.m., with the race starting at 8 a.m. Cost is \$8 for OTHTC members and \$10 for non-members. For further information, call Chris Rios at 446-4455 between 5 and 7 p.m.

Bowling alley's programs postponed

Due to unexpected circumstances, Hall Memorial Lanes' Play and Save and Free Meal Deal programs are temporarily delayed. Hall Memorial notify its patrons when they are reinstated. For further information, call Bill Booth, Hall Memorial Lanes manager, NWC ext. 3471.

Registration, tryouts set for IWV Youth Baseball

Registration and tryouts for Indian Wells Valley Youth Baseball will be held this Saturday at the Kerr McGee Baseball Field. Any youth who is league age 5-17 (by July 31) is eligible to play.

Registration will be from 9 a.m. to 3 p.m., while tryouts will be from 9 to 11 a.m. for the Shetland and Pinto leagues and from 12 noon to 3 p.m. for the Mustang, Bronco and Pony leagues. All Shetland and Pinto players must try out as all teams will be redrafted. Only those who will be in the Mustang, Bronco or Pony leagues for the first time and those changing teams within a league must try out. Colt tryouts will be held at a later date. Players must be registered prior to their tryout.

Registration fees are \$40 per player or \$80 per family. In addition, due to the difficulty of getting uniforms back after the season is over, the IWV Youth Baseball organization has initiated a \$30 refundable uniform deposit per family for those in the Mustang, Bronco, Pony or Colt leagues. It may be paid at the time of registration or at the time uniforms are picked up. It will be refunded at the time the family turns in all the uniforms they have checked out. The Shetland and Pinto leagues use t-shirts as uniforms, which the children get to keep.

Additional registration will be held on Feb. 20 at the Kerr McGee Center from 5 to 8 p.m. and on Feb. 23 at the Kerr McGee Baseball Field from 9 a.m. to 3 p.m.

No late registrations will be accepted.

Drafting of teams will take place during the week of Feb. 24. To be eligible for the draft, a player must be registered, have paid the dues (\$40 per player or \$80 per family), have their age verified by a certified document of birth, and attend a tryout in the appropriate league, if required.

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Progress report on new Center system

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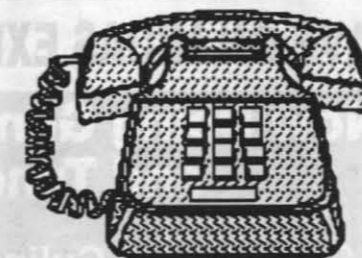
The location for the 3770 square foot Main Site Switch building has been approved. The building will be behind Building 00002, the current telephone operations facility. In addition to housing the switch, it will provide space for the network control center personnel.

AIRFIELD

A 128 square foot addition to the existing Airfield switch building (20151) has been approved. This addition will house the new Airfield switch and ancillary equipment. All the users in the Airfield area will be served by this switch which also has the capability to stand-alone if the Main Site switch becomes inoperable.

E-911

As part of the cutover to the CTS late this calendar year, the familiar "Dial 911" system for emergency response from police, fire, and ambulance will be implemented. The E911 capability is being provided to NWC via Contel and will be available to all NWC employees using the new system. The E911 system will replace the '3333' dialing for emergency services currently used at NWC.



Navy Exchange Valentine Sale ends today

It's not too late to buy that special gift for your loved ones! The Navy Exchange is still offering an array of gift items for your Valentine during the Valentine Sale, which ends today, Feb. 14. Check out the wide selection of perfume for the ladies and fragrances for the men. You'll also find jewelry, lingerie, crystal, china, porcelain, candy and beautiful flowers.

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Security film set on Feb. 19-20

Members of the Security Education Office will present a security training film, *Postmark: Terror*, Feb. 19 and Feb. 20 in Room 1000D of Michelson Laboratory. The presentation times are as follows: Feb. 19 -- 7:30, 8:30, 9:30 and 10:30 a.m. Feb. 20 -- 1, 2, 3 and 4 p.m.

This comprehensive instructional film is intended to educate employees to the possible threat of letter and parcel bombs. The film illustrates the threat, presents an effective countermeasures program, alerts key personnel targeted citizens or public figures and their families, and tells you what to do and what not to do with letter and parcel bombs.

All personnel are encouraged to attend.

FMA installs new officers next week

NWC Commander, Capt. Douglas W. Cook, is the speaker at the installation banquet on Feb. 19 in the Carriage Inn for Federal Managers Association, China Lake Chapter 18. No-host cocktails start at 6:30 p.m., dinner will be served at 7 p.m.

New officers installed are: Joe Hibbs, president; Ralph Cox and

Richard Craney, vice presidents; Skip Bennett, secretary; Harvey Johnson, treasurer; Jacque Clawson, sergeant-at-arms; and Carol Conrad, Mark Rosenthal and Jim McVay, directors.

FMA is the oldest management organization in the federal government. Membership is open to federal employees in managerial or supervisory jobs. Locally, FMA unites managers to identify mutual problems, promote professionalism and create a forum to stimulate exchange of ideas. Deadline is Feb. 15 Call Richard Craney, NWC ext. 3411-237; Carol Conrad, NWC ext. 2893; Jim McVay NWC ext. 7611; or Dee Rorex, NWC ext 3794.

Indian Wells Valley Council of Navy League's monthly meeting will be held at 6 p.m. Feb. 20 at Farris' at the Heritage. Guest

speaker will be Capt. Rodney Knutson, who is currently the Commander of the Naval Training Center, San Diego, Calif.

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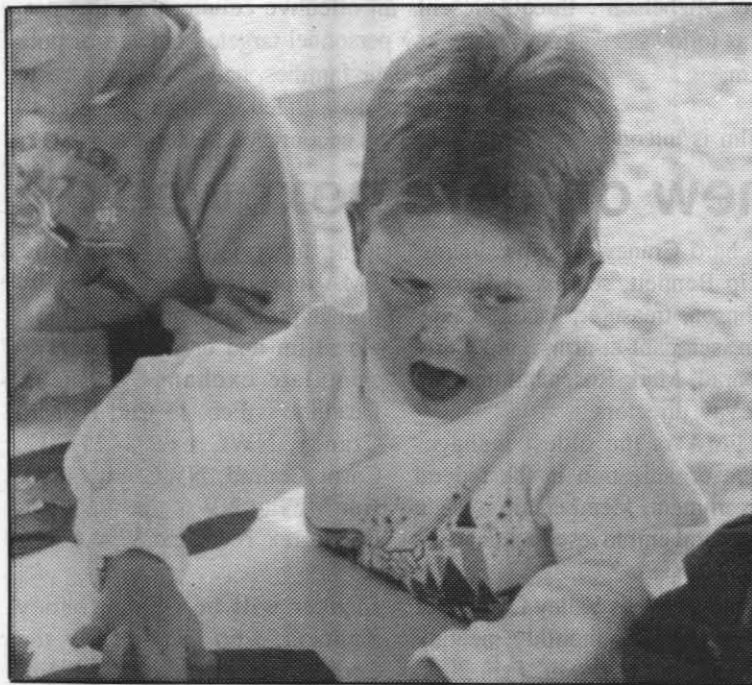
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MWR



USING ALL HE HAS -- Children in the NWC Children's Center have been busy getting ready for the big day by making hearts and valentines for all their loved ones. In the picture on the left, Zach Fava enthusiastically puts his entire body into making his valentine. Photo by PH3 Cary Brady

Kids can learn how to tumble

Registration is now being taken for *Tumbling Just for Kids*. Preschool aged children, as young as three years old, up to second graders can learn how to tumble every Wednesday at NWC's Youth Center.

Three and four year olds can learn the right way to tumble from 10:15 to 11 a.m., kindergartners from 2:45 to 3:40 p.m. and first and second graders have the mats from 3:45 to 4:40 p.m.

Cost is \$19 for military, \$20 for civilian and \$22 for all other dependents. Tumblers should wear loose clothing. Tights are not recommended. Transportation will be provided for enrolled students of the NWC Children's Center at additional cost.

For more information, call NWC ext. 2909.

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China Laker talks about role of Blacks in Civil War

(Editor's Note: This is the first in a series reprinting Parks' talk)

Ricky Parks, of the Naval Weapons Center's Human Resources Department and president of the local chapter of the National Association for the Advancement of Colored People, recently spoke at the Manzanillo Museum about the role of black soldiers during the Civil War. The speech was in honor of February: Black History Month. The following is Parks' speech.

"To understand Black History today is to understand that something or someone in that history is calling your name. For in and through Black history, the voices of the past speak to you and I. They recall the battles, the martyrs, the slaves and activists who lived and shaped the America of today. If we listen carefully, we will hear the voices of Martin Luther King, Malcolm X, Harriet Tubman, Dred Scott, Crispus Attucks, Chappie James, Chester Himes, W.E.B. Dubois, Sojourner Truth, Frederick Douglass, Salem Poor, Garrett Morgan, Benjamin O. Davis, Carter G. Woodson and the role call continues. We must understand that Black History is a perpetual conversation which speaks across the centuries correcting, blending, shaping and creating cultures, nations and people."

Blacks in the Civil War

"It was a charge to remember, that doomed three quarter mile rush down a naked beach and up to the earth works of Fort Wagner. When it was over, nearly half of the 54th Massachusetts, a Black regiment of 600 volunteers, had been killed, wounded or captured. Col. Robert Shaw, 25, fell at the head of his men and was buried in a common grave "with his niggers" as confederates who buried him would say. But as crucial as that moment in mid July 1863 was, the 54th were not the only Black military pioneers. Black courage in battle had been proven in the American Revolution and in the War of 1812, though White American historians kept refusing to credit it. During the Civil War, the hardest problem for Black men was not being brave, it was getting a chance to fight. At every step they were confronted with racial scorn and fear, created by the long existence of slavery."

"Only a few days before the 54th stormed Fort Wagner, other Blacks had been killed in the streets of New York by White rioters. Most of this was the work of immigrants protesting Lincoln's call for a new federal draft."

"The draft was an ideal way of re-manning the armies; however, there were loopholes. Anyone could be exempted from service

till the next draft call by paying the government \$300 or be exempted till the war ended by hiring a substitute to fight in his place. Economic and racism combined to make a scapegoat of free Blacks. Rumors spread that Blacks were waiting to step into jobs left by white conscripts. The nation was two years into a war that would claim as many lives as all other U.S. wars, including Vietnam, yet only a handful of Blacks had done any fighting."

"The irony of these riots and the rejection of the draft is that the Union armies had won their two greatest victories of the war. On July 3, 1863, Lee was defeated at Gettysburg. The next day, Vicksburg fell, after 47 days of siege, cutting the South in two. These battles caused great casualties and White volunteers were not a reliable source of replenishing the ranks."

"Early in the war, Blacks who tried to form a defensive home guard in Cincinnati were threatened by a mob and dispersed by police. Whites shouted "We want you damn niggers to keep out of this, this is a white man's war." However, in political terms, the effort to keep Blacks from fighting for the north and their freedom, was to a large extent the work of Abraham Lincoln. After the secession, but before the war had started, Lincoln had tried to

cause a rift between the states by pledging in his first inaugural address that the government would not interfere with slavery where it already existed. Lincoln hoped to save the country through a negotiated cease fire and some informal plan for the gradual and compensated emancipation of slaves."

"Well into 1862, he made his priorities clear, "If I could save the Union without freeing any slaves, I would do it; and if I could save it by freeing some and leaving others alone, I would do that." Meanwhile, it was all important to keep the slave owning border states -- Kentucky, Missouri, Delaware and Maryland -- from joining the South. To illustrate Lincoln's hesitancy to use Blacks in the Civil War, the following examples are used:

"1. According to the Supreme Court's 1857 Dred Scott Decision and the Fugitive Slave Act, slaves were beings without citizenship, they were the property of their owners. However, on Aug. 30, 1861, General John C. Fremont, caught in a mini civil war in Missouri, put the whole state under marshal law and declared that slaves of anyone who took up arms against the Union were forfeit and forever free. Lincoln sacked him."

"2. In December 1861, Secretary of War Simon Cameron pub-

licly declared that a time would come when the government would not only have the right but the duty to use freed slaves during the war to suppress rebellion. Lincoln banished him as U.S. Minister to Russia."

"3. In May 1862, Major General David Hunter proclaimed marshal law in the Sea Islands and along the coast of South Carolina, Georgia and Florida, telling all slaves they were free. In South Carolina, he began to recruit Blacks, sometimes at gun point. Without approval from Lincoln, however, the experiment was abandoned."

"Blacks petitioned the President early in the war for a chance to fight and flocked to enlist, but they were rejected. Even after Congress authorized Black troops, when Indiana offered two Black regiments, Lincoln replied "To arm Negroes would turn 50,000 bayonets from the loyal border states against us that were for us." Frederick Douglass called upon Lincoln to use Blacks in the war. "Once let the Black man get upon his person the brass letters, (Continued on Page 22)

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