

Clubs, organizations invited to take part in R/C Has It All Day

A special event highlighting the variety of organizations, clubs, and social groups that are active in the local area is planned on Saturday, Aug. 25, in Joshua Hall on the Desert Empire Fairgrounds.

"Ridgecrest Has It All Day," sponsored by the Ridgecrest Chamber of Commerce in conjunction with the IWW Council of Organizations, will provide newcomers to the area a chance to become familiar with the many and varied types of organizations to be found here.

The Desert Empire Fair will provide booths, at the nominal fee of \$15 each, for any groups interested in taking advantage of the opportunity to let the community know what they have to offer.

Clubs and organizations are encouraged to decorate and provide pertinent information about their activities at their booths. The sale of special items is allowed, although not required.

Because the number of booth spaces available is limited, early registration is recommended.

Groups interested in participating in this event can obtain additional information from the Ridgecrest Chamber of Commerce by calling 375-8331.

Marriott Hotels now offer low rates for government travelers

Military personnel and civilian government employees traveling on business or for pleasure are being offered special rates at Marriott Hotels and resorts.

Marriott's military and government travel rates are available to all active duty, retired and reserve personnel as well as Federal, state, and local government employees. Savings are as high as 50 percent off regular rates.

Rooms are offered on a space-available basis. Make reservations early. To qualify, request the discount when making reservations, indicate military or government status and present proper identification at time of check-in.

To assist with travel plans, Marriott is offering the "1984 Government and Military Business Travel Guide" and the "1984 Government and Military Leisure Travel Guide," free of charge. Both publications list single and double rates and services available at Marriott Hotels.

For further information contact the Marriott Corporation, Dept. 939.37, Marriott Drive, Washington, D.C. 20058.

Redwood furniture at NEX

The Navy Exchange store located in Benning Plaza is currently accepting orders for redwood furniture. Customers may make a selection from examples on hand at the NEX from a variety of chaise lounge chairs, planters, tables, and many other types of redwood furniture. The turnaround time for delivery is approximately two weeks and orders are processed twice a week, according to Juanita Sierra, of the NEX annex.



Weekend Roundup

Tonight the Enlisted Mess will serve a dinner special of large shrimp from 6 to 9 p.m. Following dinner, "The Sounds of Country," a popular L.A. band, will be playing music for the listening or dancing pleasure of EM patrons from 9 p.m. until 1:30 a.m.

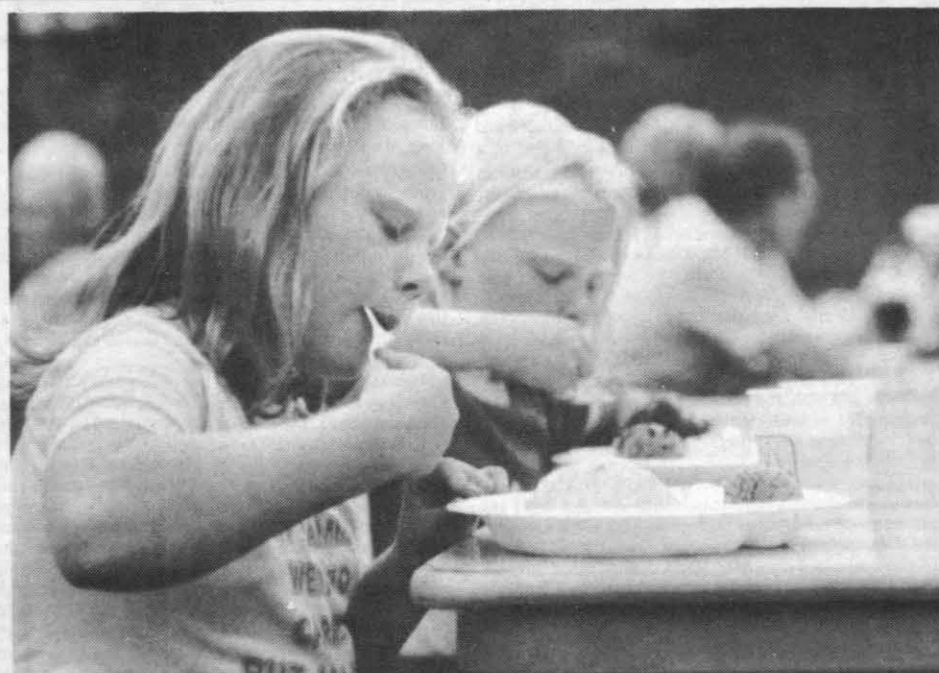
Tomorrow night the EM will be serving top sirloin or regular shrimp as the dinner special from 6 to 8:30 p.m.

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Playgoers who like to participate by cheering the hero, sighing with the heroine, and booing and hissing the villain can have a fine time tonight and tomorrow evening (as well as next Friday and Saturday) at "The Saloonkeeper's Daughter."

This production of the China Lake Players has a curtain time of 8:15, but tickets must be picked up at least a half hour before the show begins. The show is being presented at The Playhouse, located at the corner of Blandy Ave. and Lauritsen Rd.

Reservations are required and may be made by telephoning the Music Man, 375-4001. Ticket prices are \$3.50 for general admission and \$2.50 for children under the age of 12, enlisted military, and senior citizens.



SUMMER TREATS — Two young girls seem to enjoy sampling their helpings of ice cream and other goodies Tuesday evening at the 33rd annual ice cream social sponsored by the Protestant Women of the Chapel (PWOC). Rousing presentations by the cast of CLOTA's summer production of "The Sound of Music" and the Dixieland Band added to the enjoyment of the more than 600 who attended. Proceeds from the event, which reached approximately \$1000, will be used towards the many missions which the Chapel supports.

— Photo by PHAN Greg Hogan

Vitale selects, directs cast of CLOTA's 'The Sound of Music'

After careful consideration, director Elena Vitale has selected the cast for the Community Light Opera and Theater Association's production of "The Sound of Music," which opens Aug. 10 in the lecture center of Burroughs High School.

Performances also are scheduled Aug. 11, 12, 15, 16, 17, and 18. The curtain rises at 7:30 p.m. for all performances with the exception of the Aug. 12 matinee that begins at 2 p.m.

Tickets, priced at \$5 for general admission and \$4.50 for students under 21 years of age, senior citizens, and enlisted military personnel, can be purchased in Ridgecrest prior to the show dates from the Music Man, The Booklet, The Entertainer, Farris Restaurant, and the Medical Arts Pharmacy. Tickets also will be sold at the box office on the night of each performance.

The leading roles will be filled by Kathleen la Brie as Maria and Norm Ponder as Captain Von Trapp.

The other seven members of the Von Trapp family will be played by Annette Warren, as Liesl; Mark Loewen, as Friedrich; Amy Ringwald, as Louisa; Duncan Young, as Kurt; Bonnie McKensie, as Brigitta; Julie Steiner, as Marta; and Tiffany Marshall, as Greta.

Supporting players will include Barbara Auld, Carol McKensie, Rita Dove, and Jean Bormett, respectively, as the Mother Abbess, Sister Berthe, Sister Margaretta, and Sister Sophia.

The character roles of Elsa Schraeder and Max Detweiler will be portrayed by Jean Huttmacher and Reno Venturi, while Aaron Parker will be seen as Rolf Gruber, Maria's young lover, who later becomes a Nazi.

Bill Farris will play Franz, the butler, and Patricia Harper will be the housekeeper,

Frau Schmidt. Donald Whiteley will be seen as Admiral Von Schriber and John Clark as Herr Zeller.

The women's chorus members will include Linda Blair, as a Postulant Nun, and Sue Franklin, as a Novice Nun. Other chorus members portraying nuns are Cherrie Farris, Roberta Westover, Pat Oliver, Marshaela Kulchar, and Linda Sorensen.

The dancers for the ballroom scene will be Maggie Frazier, Lee Van Sickle, Thom Woodal, Paul Farris, Mickey Franklin, and Mike Vaught.

The cast also includes Greg Tracey, who will play the role of a German soldier.

Package Store sets new policy affecting liquor sales prices

The Consolidated Package Store (CPS), operated by the Recreation Services Department, has discontinued its former policy of matching Ridgecrest sales prices for beverages and liquor.

The change was made because it was felt that to follow this previous practice didn't allow the CPS the freedom it desired to stage its own sales. This former policy also resulted in the depletion of stocks on hand, and sometimes resulted in selling some beverages and liquor at less than the cost paid for them by the Package Store.

The CPS takes advantage of volume discount purchases and then passes such savings on to its customers. At the present time, a variety of price-discounted beverages can be purchased at the Package Store.

The CPS is open Monday through Friday, from 10 a.m. to 6 p.m., and on Saturdays from 9 a.m. to 4 p.m. The store is closed on Sundays and holidays.

Farewell party set for Capt. Jerry Lee at COM on July 31

A farewell party will be held for Capt. Jerry Lee, NWC Director of Supply, on Tuesday, July 31, at the Mojave Room of the Commissioned Officer's Mess.

The evening's festivities will begin with a no-host social hour at 6, followed by presentations at 7 o'clock. Capt. Scotty Vaught, head of the Support Directorate, will serve as Master of Ceremonies for the evening.

Those who plan to attend are asked to call the Program Coordinator's Office at NWC ext. 2634 to ensure that a name tag is ready on the evening of the party. Guests attending will be asked for \$4 each to defray the cost of hors d'oeuvres; money will be taken at the door.



Regular starting time 7:00 p.m.		
FRIDAY	"CHILDREN OF THE CORN" Starring Peter Horton and Linda Hamilton (Thriller, rated R, 92 min.)	JULY 20
SATURDAY	"TOOTSIE" Starring Dustin Hoffman and Jessica Lange (Comedy, rated PG, 117 min.)	JULY 21
SUNDAY	"SILVER STREAK" Starring Gene Wilder and Richard Pryor (Comedy, rated PG, 114 min.)	JULY 22
MONDAY	"DUSTY" Starring Bill Kerr and Noel Trevelyan (Drama, rated PG, 89 min.)	JULY 23
TUESDAY	MATINEE 2 p.m. "THE LOONEY BUGS BUNNY MOVIE" (Comedy, rated G, 79 min.)	JULY 24
WEDNESDAY	"CROSS COUNTRY" Starring Richard Beymer and Nina Axelrod (Drama, rated R, 93 min.)	JULY 25
THURSDAY	MATINEE 2 p.m. "FREE SPIRIT" Starring Eric Porter and Jeremy Kemp (Drama, rated PG, 78 min.)	JULY 19
FRIDAY	"TIME BANDITS" Starring John Clee and Sean Connery (Fantasy/Comedy, rated PG, 116 min.)	JULY 27

NEX patrons invited to take advantage of free photo offer

A Los Angeles area photographer, Winthrop Scott and Co., Inc., has offered its services to Navy Exchange patrons who would like to take advantage of the opportunity to obtain a free family portrait.

Those interested in this offer can make this interest known by writing their name, address, and telephone number on advertising circulars that are available at the NEX retail store, and then dropping the circulars into a box placed outside the Navy Exchange.

As soon as enough of the completed circulars requesting the service have been received, Winthrop Scott will arrange for a photographer to visit here and take the family portraits.

Advance notice of where and when this is to be done will be sent to those who complete the information requested on the advertising circular.

Those who sit for the family portraits are not obligated to purchase anything, but will receive one free copy of the photo of their choice. Additional portraits will be available at low, group rates, and Winthrop Scott will make a donation to the Navy Exchange fund for each order that is placed.

New foods at snackbars

The Navy Exchange is currently promoting a new series of items on all of the snackbar menus, with the exception of the Michelson lab snackbar. Beginning last Monday, seafood dinner specials of shrimp, cod, fish sandwiches, or fish and chips are being served for the dining pleasure of snackbar patrons.

U.S. Government Printing Office:
1984—No. 1019

From:	PLACE STAMP HERE
To:	



AME2 Chris E. Marcus

AME2 Marcus picked as NWC Sailor of Month

Aviation Structural Mechanic, Safety Equipmentman 2nd Class Chris E. Marcus has been selected as NWC's Bluejacket of the Quarter for the period of April through June.

A veteran of six years of service in the Navy, AME2 Marcus is assigned to the Egress/Environmental Systems Shop (seat shop) of the NWC Aircraft Department's Aircraft Support Division.

According to AMSC A. L. Hill, who nominated Petty Officer Marcus for the Bluejacket of the Quarter honor, "His supervisory skills far exceed the normal second class petty officer." This was evident in the fact that until recently, he filled a billet normally held by a first class petty officer, and supervised seven other enlisted personnel.

NWC's Bluejacket of the Quarter, who has been at China Lake since January 1983, was commended for "his 'can do' and 'will do' spirit which have earned him the respect of all who come into contact with him," wrote AMSC Hill in the letter nominating Petty Officer Marcus for the honor he has received.

"Since his arrival, he has been a key player in such projects as the 1983 F-4 Seat Shop Display during an airshow, and construction of a new logo for display at Hangar 3," AMSC Hill wrote regarding the contributions of AME2 Marcus.

The first project entailed installation of an ejection seat in an F-4 Phantom II for NWC's 40th anniversary airshow.

The other project for which Petty Officer Marcus was commended is visible at the south entrance of Hangar 3. Along with four other enlisted personnel from the AME shop, and under the supervision of L.A.

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TOO MUCH DATA — A "pilot" (actually a member of the Human Factors Branch in the Aircraft Weapons Integration Department) listens as Jeff Grossman, his branch head, describes the displays in the cockpit mockup. The group is studying ways to develop a "Pilot's Assistant" that could help an aviator deal with the enormous amount of information that is available to a pilot on a real time basis. — Photo by Clare Grounds



July 20, 1984

Vol. XXXIX, No. 29

NAVAL WEAPONS CENTER
CHINA LAKE
CALIFORNIA

Marine Corps officer given TD Award for outstanding contributions to project

Presentation by B. W. Hays of the NWC Technical Director's Award to Maj. Herbert L. Long, USMC, highlighted a meeting of department heads and other Naval Weapons Center senior management personnel that was held on July 9 in the Management Center of Michelson Laboratory.

Maj. Long, who has served here for three years as the liaison officer for the Marine Corps Development Center in Quantico, Va., was commended for his vital contributions in bringing the Eggnog Program (an NWC-developed man-portable electronic warfare device intended to defeat ground-based threat radars) to the advanced development stage.

The honoree, who has been assigned to duty here with the Marine Corps Liaison Office, received an engraved paperweight, a letter of commendation, and a stipend that accompanies this special form of a Superior Achievement Award. He promptly endorsed the check and expressed the wish that the money be contributed to the Navy Relief Society.

Hays complimented Maj. Long for his successful efforts in pushing the applications of Eggnog, which he referred to as "a great addition to the electronic countermeasures field" in both the Marine Corps and the Army.

According to Col. John T. Tyler, Deputy Laboratory Director and head of the Marine Corps Liaison Office, who nominated Maj. Long for the Technical Director Award, the latter has been responsible for reviewing and evaluating Eggnog for application to Marine Corps tactics since he reported here in August 1981.

At that time, the program had reached

Help on the way for harassed aviators

Computer to aid making lower-level decisions

A pilot's survival in military aviation today depends as much on his abilities to process all the information he receives from various sources and then to make split second decisions as it does on his flying ability.

It is difficult even to quantify the amount of information available or the number of



MARINE CORPS OFFICER HONORED — On the eve of his departure for an assignment on the Island of Okinawa, the NWC Technical Director Award was presented by B. W. Hays to Maj. Herbert L. Long, USMC. Maj. Long was commended for his efforts that have resulted in getting the Eggnog Program to the advanced development stage.

the preliminary theoretical analysis stage and a "breadboard" model had been subjected to limited development testing. Needed was follow-on funding and program support if it was to survive.

Maj. Long conducted a rapid and thorough investigation of the Eggnog jammer, and expended considerable time familiarizing himself with the technology of radar and electronic countermeasure devices. His conclusion was that Eggnog had crucial applications to Marine Corps tactical operations.

Personal briefings by Maj. Long and

technical demonstrations of Eggnog followed that resulted in supplemental project funding and continued Marine Corps sponsorship of this program through critical development and testing activities. In addition, the Technical Director's Award recipient initiated a plan to introduce the Eggnog jammer to ground and helicopter aviation units in both the Marine Corps and the Army.

Maj. Long also wrote the required operational capabilities report and threat test documentation for the Marine Corps Development and Education Command, (Continued on Page 2)

sources from which it can come — and each new weapon integrated into the aircraft will increase that number.

Obviously, the pilot is going to need help in making lower level decisions with regard to much of that data so that he can concentrate on making the decisions requiring the kind of judgment and experience that the best pilots bring to their craft.

The Human Factors Branch in the Targeting Division of the Aircraft Weapons Integration Department hopes to be able to provide some of that help in the future through the development of a Pilot's Assistant.

Integrating new weapons adds to the number and complexity of the decisions that a pilot is called upon to make, and, since weapon integration is one of the primary responsibilities of the Center, Code 3152 personnel have been considering just how they could help a pilot deal with the mass of information that he receives.

The Pilot's Assistant, as they envision it, would be a computer that would have a large amount of information regarding decision-making in its database. At the discretion and wish of the pilot, the Pilot's Assistant could be called upon to make many of the lower-level decisions that otherwise fall into the purview of the human, allowing the pilot to make the executive decisions required as well as cutting the workload of the pilot to a more manageable amount.

For the past two years, Jeff Grossman,

Mike Barnes, and the other personnel in the Human Factors Branch have been supported by NWC to develop some advanced weapon integration concepts leading to the Pilot's Assistant, including basic research this year on aircrew executive capability.

In addition, they are also proposing a long range effort to the Defense Advanced Research Projects Agency and other groups to continue work on some of the aspects of the Pilot's Assistant.

What they would like to do is to focus on the man/machine interface, which, on a real time basis, is unexplored territory. They plan on obtaining inputs from aircrews so that any system that might be developed would be one that would be of maximum use for a pilot.

Ideally, the Pilot's Assistant would be designed to be adaptive so that systems could be controlled according to external events. As workload increases, the pilot can allow more function to be controlled by the "Assistant." Information would be displayed only when and where the pilot might need that information, based on rules developed through expertise of pilots. And the Pilot's Assistant would be interactive: it could ask the pilot questions depending on the situation and the pilot could respond vocally; they could actually converse within a limited vocabulary range.

While the Pilot's Assistant would use Artificial Intelligence concepts using logical sequences to make decisions, the Human

(Continued on Page 3)

Sacrifices honored POW/MIA Day July 20, 1984



Ever since the Revolutionary War, America's men and women have heroically served their country in times of conflict. In each of America's wars, our prisoners of war have been required to make special sacrifices, serving their country under conditions of hardship. Their burden greatly increased when they were treated in violation of the fundamental standards of morality and international codes of conduct for the treatment of prisoners of war.

Our POWs and MIAs have earned a very special place in the hearts of all Americans because of their selfless devotion to duty and unflinching courage. We must not forget or fail to honor those who have served their country so faithfully.

Our nation deeply appreciates the acute suffering and pain experienced by the families of our servicemen held captive or missing in action. The loss of a loved one is a tragic situation under any circumstance, but that burden is magnified when the fate of the loved one is unknown. All Americans fully support efforts to end the uncertainties with which they continue to live.

We accept and remember our obligation to these missing servicemen. Until the POW/MIA issue is resolved, it will remain a matter of the highest national priority. On July 20, the POW/MIA flag will fly over the White House, the Departments of State and Defense, and the Veteran's Administration as a symbol of our unwavering commitment to achieve the fullest possible accounting for the servicemen and civilians.

By Senate Joint Resolution 171, the Congress has designated July 20 as "National POW/MIA Recognition Day." On this day, I firmly believe that we should recognize the special debt all Americans owe to our fellow citizens who gave up their freedom in the service of our country and to the families who have undergone a great travail.

I call on all Americans to join in honoring all former American prisoners of war, those still missing, and their families who endured the uncommon sacrifices on behalf of this country.

Ronald Reagan
President of the United States

TD Award presented. . .

(Continued from Page 1)

and arranged for (and participated in) many field tests at Echo and Charlie Ranges on the Naval Weapons Center; at the Pacific Missile Test Center, Point Mugu, test laboratory; and at the Air Force Electronic Warfare Evaluation Simulator Laboratory at Carswell Air Force base in Fort Worth, Tex.

More briefings, this time at the Flag (admiral-general) level in the Marine Corps and Army resulted in authorization for advanced development under fullscale sponsorship by Headquarters, U.S. Marine Corps.

Maj. Long's efforts related to Eggnog also have included co-authorship of the Fiscal Year 1983 final report on Eggnog test and evaluation, analysis, operational scenario, theory of operations and predictions.

In addition, he successfully defended the technical and operational aspects of Eggnog at all levels within the electronic warfare community, and was the key person in initiating the incorporation of Eggnog

technology into the Army's production improvement program of the ALQ-136 electronic countermeasure device.

During his three-year tour of duty at China Lake, Maj. Long also has been involved in the Foliage Penetration Radar Program, and in work related to an Electric Vidicon Camera — a night vision device. He also was called on for information and advice regarding close air support studies undertaken by Robert Hintz, a branch head in the Targeting Division of the Aircraft Weapons Integration Department.

A veteran of 14 years of service as an officer in the Marine Corps, Maj. Long joined the Marines following his graduation in 1970 from Central Missouri State University in Warrensburg, where he received a bachelor's degree in physics.

The honor paid to him as a recipient of the NWC Technical Director's Award came just before his departure for a tour of duty with the Marine Corps' 3rd Force Service Support Group on the Island of Okinawa, where he will serve as a battalion executive officer.

The Rocketeer

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Captain K. A. Dickerson
NWC Commander

B. W. Hays
Technical Director

Dennis Kline
Public Affairs Officer

Don R. Yockey
Editor

Mickey Strang
Associate Editor

PH3 Rick Moore
PHAN Greg Hogan
Staff Photographers



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Phones 3354, 3355

Promotional opportunities

Applications (Standard Form 171) should be in the drop box at the Reception Desk of the Personnel Dept., 505 Blandy. Unless otherwise specified at an ad, applications for positions listed in this column will be accepted from current permanent NWC employees only. All others desiring employment at NWC may contact the Employment Wage & Classification Division, Code 092 Ext. 2264. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Advertising positions in the Promotional Opportunities column does not preclude the use of alternative recruiting sources in filling these positions. The filling of these positions through Merit Promotion is subject to the requirements of the DoD Program for the Stability of Civilian Employment. The minimum qualification requirements for all GS positions and positions subject to the Demonstration Project are those defined in OPM Handbook 1-118; those for all wage system positions are those defined in OPM Handbook C-118C. Applicants will be evaluated on the basis of experience, training, education, and awards as indicated in a written record consisting of a SF-171, at least one supervisory appraisal if it can be obtained, and any tests, medical examinations, interviews, and supplemental qualifications requirements that may be necessary. For managerial/supervisory positions, consideration will be given to applicant's support of the Equal Employment Opportunity programs and objectives. Applicants must meet time in grade and qualifications requirements by the closing date of the ad. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any nonmerit reason.

Announcement No. 26-072, Pipefitter, WG-4204-S/10, JD-725 JD 338, Code 26434 — Three vacancies, two at the 10, one WG-5/8. These positions are located in the Pipe/Lagging Shop, Utilities Branch, Maintenance-Utilities Division, Public Works Department. The incumbent installs pipe, fittings and fixtures to construct or maintain piping systems such as steam heating, steam power, hot water heating, hydraulic, high pressure air, chemical acid, various gases, Cardox fire sprinkler systems, vacuum lines, nitrogen lines and oil line systems. **Job Relevant Criteria:** WG-47/10, Ability to do the work of the position without more than normal supervision; ability to interpret instructions, specifications, blueprints, etc.; measurement and layout; knowledge of materials, tools and equipment; troubleshooting; knowledge of technical practices. **Job Relevant Criteria:** WG-5 (Helper), Reliability and dependability; shop aptitude and interest; ability to follow instructions in shop; dexterity and safety; ability to work as a member of a team. Incumbent will be participating in a formal development program leading to qualification for assuming duties of a journeyman. Position has promotion potential to WG-10, but is not guaranteed. Supplemental is required and may be picked up at the receptionist desk of the Personnel Bldg., 505 Blandy. Status eligibles may apply.

Announcement No. 26-044, Interdisciplinary (General/Electronic/Mechanical/Aerospace Engineer), DP-80/855/830/861-3/4, PAC No. 843587E, Code 3907 — This position is located in the Tomahawk Cruise Missile Program Office, Weapons Department. This newly established position is that of Engineering Support Manager. This incumbent will be responsible for management and technical direction to all Tomahawk production efforts at NWC. Duties include: technical direction to project support codes to maintain/improve performance and/or reduce cost of missile components previously released for production activities, scheduling, proposal evaluation, analysis of production problems, and of production budgets with on-center codes and off-center codes; interface with other Navy activities and contractors on production and/or Fleet related issues; and initiation of status reports between NWC and JCMPO. **Job Relevant Criteria:** Ability to provide technical and managerial direction and coordination of a major complex weapon system; ability to communicate well, both orally and in writing; knowledge of Naval procurement and system acquisition process; knowledge of Navy funding system

Announcement No. 26-070, Industrial Equipment Mechanic, WG-532, JD No. 372, Code 26435 — This position is located in the Utilities Maintenance Shop, Utilities Branch, Maintenance-Utilities Division, Public Works Department. The incumbent installs, overhauls, repairs, maintains, "allers as needed" machine shop equipment, power plant equipment, hydraulic systems and related equipment, and a variety of other systems and equipment. **Job Relevant Criteria:** Ability to do the work of the position without more than normal supervision; knowledge of technical practices, trade theory, and troubleshooting; ability to use precision measuring instruments and test equipment; ability to use machine tools, hand and powered tools, and related equipment; ability to read and interpret blueprints, instructions, specifications, etc. Note: A Supplemental Qualifications Statement is required and may be picked up at the Reception Desk, Rm. 100 of the Personnel Building. Status eligibles may apply.

Announcement No. 26-071, Production Facilities Clerk, GS-30/4, Code 26392 — This position is located in the Engineering Division Engineering Service Office, Public Works Department. The incumbent receives and reviews all work requests for engineering and design services and cost estimates submitted by Center departments. The incumbent originates and maintains completed job reports on work requests. The incumbent also inputs work request data to a remote terminal. The incumbent also prepares and updates a bi-monthly contract schedule. **Job Relevant Criteria:** Ability to communicate well, both orally and in writing. Knowledge of contract process, knowledge of data processing, ability to use judgement. Promotion potential to GS-6, but not guaranteed.

Announcement No. 26-042, Interdisciplinary (General/Mechanical/Electronics Engineer/Computer Scientist/Physicist/Mathematician), DP-80/830/855/1550/1310/1520-2/3, PAC No. 843188S, Code 3112 — This position is located in the A-6 Facility Branch, Avionic Facilities Branch, Division of the Aircraft Weapons Integrated Department. The A-6 Facilities Branch provides the simulation/integration work stations for the development, test, validation, verification and modification of operational flight programs exercised in the tactical computers of the A-6 aircraft. The incumbent will perform as the computer system software engineer for the A-6 Facility's SEL computer systems. The prime function of this position is to be the system manager for the existing SEL 32/77, SEI 32/69 and future SEI 32/87 or 32/97 computers. The incumbent will participate in design reviews and code walkthroughs with Center and contract personnel to assure that software under development is in compliance with the features of the facility's SEL computer systems. **Job Relevant Criteria:** Ability to become expert in

Announcement No. 26-105, Firefighter, GS-801-SB, PD No. 792016N, Code 212 — This position is located in the Fire Division of the Safety and Security Department. Major duties include driving and operating structural pumpers and any type of crash fire trucks, responding on ambulance calls as either driver or attendant, inspection of Center's buildings and property, and conducting training classes for trainee firefighters. **Job Relevant Criteria:** Knowledge of locations (streets, water distribution, alarm/detection systems, building contents/layouts, etc.); ability to operate firefighting apparatus and equipment, structural pumps, crash fire trucks, pumping systems, nozzles, rescue equipment; driving ability (proper use of gears, clutch and brakes); demonstrated safe, smooth, and effective operations of vehicles; knowledge of fire prevention practices with regard to building inspections and ability to identify fire hazards; knowledge of reference sources; firefighting knowledge (knowledge of fire origin and techniques of extinguishing fires); ability to accept responsibility to carry out assignments with

Announcement No. 00-014 Secretary (Typing), GS-318-4/5 PD No. 8000024N Code 01A2 — This position is located in the NSAP/NSTEP Program Office. The incumbent provides clerical and administrative support to the head of the office. Promotion potential to GS-6, but not guaranteed. Status eligibles may apply.

Announcement No. 26-044, Secretary (Typing), GS-318-4/5, PD No. 8132010N, Code 3243 — This position is located in the Aerodynamics Branch, Advanced Technology Division, Ordnance Systems Dept. Incumbent provides secretarial support to the Branch.

Announcement No. 26-044, Secretary (Typing), GS-318-4/5, PD No. 8435029N, Code 35402 — This position is located in the Special Project Office of the Microwave Development Division within the Electronic Warfare Department. Incumbent provides secretarial support to the project office.

Announcement No. 29-045, Secretary (Typing), GS-318-5, PD No. 8435008N, Code 3225 — This position is located at Arrimatee Field, Hangar II, in the RPV Technology Branch of the Weapons Development Division within the Weapons Department. The incumbent provides secretarial support.

Announcement No. 36-153, Secretary (Typing), GS-318-4/5, PD No. 8338051N, Code 36018 — Incumbent of this position provides secretarial support to the Electronic Manufacturing Support Office, Code 36018.

Announcement No. 36-137, Secretary (Typing), GS-318-4, PD No. 7905318N, Code 3665 — This position is located in the Environmental Engineering Branch of the Fleet Engineering Division within the Engineering Department. Incumbent provides secretarial support to the Branch. This is a readvertisement and previous applicants need not reapply.

and funding cycle; technical knowledge of electronics, aerodynamics, propulsion, control systems and guidance systems. Reassignment only at DP-4 level. Promotion to DP-4 is dependent on high grade constraints. Previous applicants need not reapply.

Announcement No. 24-102, Interdisciplinary Computer Specialist/Operations Research Analyst/Computer Scientist, DS-33A/DP-33A/1515/1550-2/3, PAC No. 842436E, Code 2404 — This position will be a staff position reporting to the Project Manager, SASS Program Office. This position is for an Assistant Program Manager for the Safety and Security System (SASS) currently being implemented at NWC. The incumbent will participate in the design and development of the various Automated Information Systems (AIS's) within SASS as well as a departmental decision support system and Center-wide alarm system. The incumbent will be responsible for day-to-day management of operations, administration of the data bases, oversight of configuration management and quality assurance and liaison with contractors. The incumbent will also have an active role in the development of microcomputer applications within the department.

Job Relevant Criteria: Knowledge and experience in automated business data processing techniques including hardware, software, data base management and communications; ability to compile and analyze data; ability to effectively communicate orally and in writing with all levels of organization at NWC, other government agencies and industry; ability to plan, schedule and coordinate diverse elements of a major project; knowledge of Omnibus Delivery Order contract; microcomputer system, and programming experience desired, but not required.

Announcement No. 24-103, Physical Security Specialist, DA-080-2/3, PAC No. 842431E2S, Code 245 — There are two positions, both located in the Visitor and Internal Security Division, Safety and Security Department. Incumbent will be responsible for the planning, development, coordination, implementation, evaluation, and administration of comprehensive physical security programs. These programs will be primarily concerned with the establishment and maintenance of physical security systems (the physical aids, repositories, and barriers, and the personnel responsible for the operation and maintenance of such aids, repositories, and barriers) for the protection of classified defense documents, materials, and activities from sabotage, espionage, theft, and destruction by fire, and similar hazards. **Job Relevant Criteria:** Ability to apply security regulations; knowledge of security systems and programs; ability to interact effectively with a wide variety of people; ability to communicate effectively, both orally and in writing; and ability to analyze and solve security related problems. If position is filled at DA-2 level, promotion potential is DA-3.

Announcement No. 24-104, Security Specialist, DA-080-3, PAC No. 842432E3S, Code 2401 — This position is located in the office of the Associate Director for Security, Safety and Security Department. Incumbent will be responsible for the planning, development, coordination, implementation, evaluation, and administration of comprehensive security programs. These programs will be concerned with a combination of work in the areas of personnel, industrial, information, visitor, internal, and physical security. **Job Relevant Criteria:** Ability to apply security regulations; knowledge of security systems and programs; ability to interact effectively with a wide variety of people; ability to communicate effectively, both orally and in writing; and ability to analyze and solve security related problems.

Announcement No. 24-105, Firefighter, GS-801-SB, PD No. 792016N, Code 212 — This position is located in the Fire Division of the Safety and Security Department. Major duties include driving and operating structural pumpers and any type of crash fire trucks, responding on ambulance calls as either driver or attendant, inspection of Center's buildings and property, and conducting training classes for trainee firefighters. **Job Relevant Criteria:** Knowledge of locations (streets, water distribution, alarm/detection systems, building contents/layouts, etc.); ability to operate firefighting apparatus and equipment, structural pumps, crash fire trucks, pumping systems, nozzles, rescue equipment; driving ability (proper use of gears, clutch and brakes); demonstrated safe, smooth, and effective operations of vehicles; knowledge of fire prevention practices with regard to building inspections and ability to identify fire hazards; knowledge of reference sources; firefighting knowledge (knowledge of fire origin and techniques of extinguishing fires); ability to accept responsibility to carry out assignments with

Announcement No. 00-014 Secretary (Typing), GS-318-4/5 PD No. 8000024N Code 01A2 — This position is located in the NSAP/NSTEP Program Office. The incumbent provides clerical and administrative support to the head of the office. Promotion potential to GS-6, but not guaranteed. Status eligibles may apply.

Announcement No. 26-044, Secretary (Typing), GS-318-4/5, PD No. 8132010N, Code 3243 — This position is located in the Aerodynamics Branch, Advanced Technology Division, Ordnance Systems Dept. Incumbent provides secretarial support to the Branch.

Announcement No. 26-044, Secretary (Typing), GS-318-4/5, PD No. 8435029N, Code 35402 — This position is located in the Special Project Office of the Microwave Development Division within the Electronic Warfare Department. Incumbent provides secretarial support to the project office.

Announcement No. 29-045, Secretary (Typing), GS-318-5, PD No. 8435008N, Code 3225 — This position is located at Arrimatee Field, Hangar II, in the RPV Technology Branch of the Weapons Development Division within the Weapons Department. The incumbent provides secretarial support.

Announcement No. 36-153, Secretary (Typing), GS-318-4/5, PD No. 8338051N, Code 36018 — Incumbent of this position provides secretarial support to the Electronic Manufacturing Support Office, Code 36018.

Announcement No. 36-137, Secretary (Typing), GS-318-4, PD No. 7905318N, Code 3665 — This position is located in the Environmental Engineering Branch of the Fleet Engineering Division within the Engineering Department. Incumbent provides secretarial support to the Branch. This is a readvertisement and previous applicants need not reapply.

Promotional opportunities

(Continued from Page 4)

ernment procurement and contractual practices and policies; experience in procurement of technical equipment, systems and services; knowledge of current business practices including business law and accounting; ability to communicate effectively, orally and in writing, with all levels of personnel both on and off Center.

Announcement No. 26-068, Administrative Officer, DA-341-1, PAC No. 842608S, Code 26303 — This position is located in the Engineering Division, Public Works Department. The division is responsible for preparation of engineering plans and specifications, special engineering studies, preparation of Shore Facilities Planning, and coordinates the Center's natural resource and environmental quality program. The incumbent provides administrative support to the division head, associate division head, and branch heads in the areas of budget administration, personnel, organizational management, contract monitoring, facilities, space and equipment functions. Provides administrative support to the Facilities Planning Board Screening Committee. **Job Relevant Criteria:** Ability to plan, organize, coordinate, and complete different types of work; ability to establish effective working relationships with all levels of personnel both within and outside the immediate organization; ability to communicate well both orally and in writing; ability to perform independently; knowledge of personnel, budget, security, plant account, facilities, space, safety, security, and equipment management rules, regulations and procedures. Promotion potential to DA-3, but not guaranteed.

Announcement No. 26-069, Planner Estimator (Air Conditioning Equipment), WD-5306-8, JD No. 885, Code 2613 — This position is located in the Inspection Branch, Maintenance Control Division, Public Works Department. The incumbent performs scheduled examinations and/or tests of facilities as assigned to determine the physical condition with respect to the desired facilities categorization, provide detailed manpower/material estimates for identified maintenance requirements. **Job Relevant Criteria:** Ability to facilitate production; knowledge of technical practices; ability to interpret instructions; specifications, etc. knowledge of pertinent materials; knowledge of pertinent tools and equipment. Supplemental is required along with a completed SF-171. Supplemental may be picked up at the receptionist desk of the Personnel Bldg., 505 Blandy.

Announcement No. 26-070, Industrial Equipment Mechanic, WG-532, JD No. 372, Code 26435 — This position is located in the Utilities Maintenance Shop, Utilities Branch, Maintenance-Utilities Division, Public Works Department. The incumbent installs, overhauls, repairs, maintains, "allers as needed" machine shop equipment, power plant equipment, hydraulic systems and related equipment, and a variety of other systems and equipment. **Job Relevant Criteria:** Ability to do the work of the position without more than normal supervision; knowledge of technical practices, trade theory, and troubleshooting; ability to use precision measuring instruments and test equipment; ability to use machine tools, hand and powered tools, and related equipment; ability to read and interpret blueprints, instructions, specifications, etc. Note: A Supplemental Qualifications Statement is required and may be picked up at the Reception Desk, Rm. 100 of the Personnel Building. Status eligibles may apply.

Announcement No. 26-071, Production Facilities Clerk, GS-30/4, Code 26392 — This position is located in the Engineering Division Engineering Service Office, Public Works Department. The incumbent receives and reviews all work requests for engineering and design services and cost estimates submitted by Center departments. The incumbent originates and maintains completed job reports on work requests. The incumbent also inputs work request data to a remote terminal. The incumbent also prepares and updates a bi-monthly contract schedule. **Job Relevant Criteria:** Ability to communicate well, both orally and in writing. Knowledge of contract process, knowledge of data processing, ability to use judgement. Promotion potential to GS-6, but not guaranteed.

Announcement No. 24-102, Interdisciplinary (General/Mechanical/Electronics Engineer/Computer Scientist/Physicist/Mathematician), DP-80/830/855/1550/1310/1520-2/3, PAC No. 843188S, Code 3112 — This position is located in the A-6 Facility Branch, Avionic Facilities Branch, Division of the Aircraft Weapons Integrated Department. The A-6 Facilities Branch provides the simulation/integration work stations for the development, test, validation, verification and modification of operational flight programs exercised in the tactical computers of the A-6 aircraft. The incumbent will perform as the computer system software engineer for the A-6 Facility's SEL computer systems. The prime function of this position is to be the system manager for the existing SEL 32/77, SEI 32/69 and future SEI 32/87 or 32/97 computers. The incumbent will participate in design reviews and code walkthroughs with Center and contract personnel to assure that software under development is in compliance with the features of the facility's SEL computer systems. **Job Relevant Criteria:** Ability to become expert in

Announcement No. 24-103, Physical Security Specialist, DA-080-2/3, PAC No. 842431E2S, Code 245 — There are two positions, both located in the Visitor and Internal Security Division, Safety and Security Department. Incumbent will be responsible for the planning, development, coordination, implementation, evaluation, and administration of comprehensive security programs. These programs will be concerned with a combination of work in the areas of personnel, industrial, information, visitor, internal, and physical security. **Job Relevant Criteria:** Ability to apply security regulations; knowledge of security systems and programs; ability to interact effectively with a wide variety of people; ability to communicate effectively, both orally and in writing; and ability to analyze and solve security related problems.

Announcement No. 24-104, Security Specialist, DA-080-3, PAC No. 842432E3S, Code 2401 — This position is located in the office of the Associate Director for Security, Safety and Security Department. Incumbent will be responsible for the planning, development, coordination, implementation, evaluation, and administration of comprehensive security programs. These programs will be concerned with a combination of work in the areas of personnel, industrial, information, visitor, internal, and physical security. **Job Relevant Criteria:** Ability to apply security regulations; knowledge of security systems and programs; ability to interact effectively with a wide variety of people; ability to communicate effectively, both orally and in writing; and ability to analyze and solve security related problems.

Announcement No. 24-105, Firefighter, GS-801-SB, PD No. 792016N, Code 212 — This position is located in the Fire Division of the Safety and Security Department. Major duties include driving and operating structural pumpers and any type of crash fire trucks, responding on ambulance calls as either driver or attendant, inspection of Center's buildings and property, and conducting training classes for trainee firefighters. **Job Relevant Criteria:** Knowledge of locations (streets, water distribution, alarm/detection systems, building contents/layouts, etc.); ability to operate firefighting apparatus and equipment, structural pumps, crash fire trucks, pumping systems, nozzles, rescue equipment; driving ability (proper use of gears, clutch and brakes); demonstrated safe, smooth, and effective operations of vehicles; knowledge of fire prevention practices with regard to building inspections and ability to identify fire hazards; knowledge of reference sources; firefighting knowledge (knowledge of fire origin and techniques of extinguishing fires); ability to accept responsibility to carry out assignments with

Announcement No. 00-014 Secretary (Typing), GS-318-4/5 PD No. 8000024N Code 01A2 — This position is located in the NSAP/NSTEP Program Office. The incumbent provides clerical and administrative support to the head of the office. Promotion potential to GS-6, but not guaranteed. Status eligibles may apply.

Announcement No. 26-044, Secretary (Typing), GS-318-4/5, PD No. 8132010N, Code 3243 — This position is located in the Aerodynamics Branch, Advanced Technology Division, Ordnance Systems Dept. Incumbent provides secretarial support to the Branch.

Announcement No. 26-044, Secretary (Typing), GS-318-4/5, PD No. 8435029N, Code 35402 — This position is located in the Special Project Office of the Microwave Development Division within the Electronic Warfare Department. Incumbent provides secretarial support to the project office.

Announcement No. 29-045, Secretary (Typing), GS-318-5, PD No. 8435008N, Code 3225 — This position is located at Arrimatee Field, Hangar II, in the RPV Technology Branch of the Weapons Development Division within the Weapons Department. The incumbent provides secretarial support.

Announcement No. 36-153, Secretary (Typing), GS-318-4/5, PD No. 8338051N, Code 36018 — Incumbent of this position provides secretarial support to the Electronic Manufacturing Support Office, Code 36018.

Announcement No. 36-137, Secretary (Typing), GS-318-4, PD No. 7905318N, Code 3665 — This position is located in the Environmental Engineering Branch of the Fleet Engineering Division within the Engineering Department. Incumbent provides secretarial support to the Branch. This is a readvertisement and previous applicants need not reapply.

SEL computer systems; ability to plan, schedule, and coordinate system software development as a part of a major project to communicate, both orally and in writing; knowledge of formal software engineering practices; knowledge of Fortran and other H.O.L.s. Previous applicants are being considered and need not reapply.

Announcement No. 31-043, Computer Specialist, DP-234-3, PAC No. 843182S, Code 3107 — This position is located in the F/A-18 Weapon System Support Activities (WSSA), Aircraft Weapons Integration Department. The WSSA is responsible for the technical management of all weapon system software life cycle support for USN and Foreign Military Sales (FMS) F/A-18 aircraft. The incumbent will plan and manage a comprehensive support program for an FMS customer. This incumbent will task and coordinate the efforts of various NACWPNCN branches, primarily in Code 31, in meeting program requirements defined by the NAVAIR sponsor. The incumbent will maintain a close liaison with technical and FMS management elements of OPNAV and NAVAIR and with the FMS customer. **Job Relevant Criteria:** Knowledge of tactical imbedded computer systems; knowledge of aircraft and/or avionics systems; ability to work well with all levels of management; ability to communicate well, both orally and in writing.

Announcement No. 31-044, Interdisciplinary, General Engineer-801, Electronics Engineer-855, Computer Scientist-1550, Physicist-1310, Mathematician-1520, Aerospace Engineer-861, Mechanical Engineer-830, DP-3, PAC No. 843162S, Code 3107 — This position is located in the F/A-18 Weapons System Support Activities (WSSA), Aircraft Weapons Integration Department. The WSSA is responsible for the technical management of all weapon system software life cycle support for USN and Foreign Military Sales (FMS) F/A-18 Aircraft. The incumbent will plan and manage a comprehensive support program for an FMS customer. This incumbent will task and coordinate the efforts of various NACWPNCN branches, primarily in Code 31, in meeting program requirements defined by the NAVAIR sponsor. The incumbent will maintain a close liaison with technical and FMS management elements of OPNAV and NAVAIR and with the FMS customer. **Job Relevant Criteria:** Knowledge of tactical imbedded computer systems; knowledge of aircraft and/or avionics systems; ability to work well with all levels of management; ability to communicate well, both orally and in writing.

Announcement No. 35-029-84, Interdisciplinary (General, Mechanical, Electronics Engineer/Computer Scientist/Physicist), DP-80/830/855/1550/1310-2/3, PAC No. 843521E — This position is located in the Test Support Branch, Code 3551, EWTES Division, Electronic Warfare Department. The work schedule is first-forty (Monday thru Thursday, 0630-1630) and the location is the Electronic Warfare Threat Environment Simulation (EWTES) facility in the Randsburg Wash Test Area. Bus transportation is available to and from the work site. The Test Support Branch is responsible for the development of software in support of EWTES. The incumbent is responsible for the development and updating of the surface-to-air weapon simulation computer programs at EWTES. **Job Relevant Criteria:** Ability to develop and update complex six degree-of-freedom missile simulation computer programs for both real-time and off-line applications; ability to plan, schedule, and coordinate system software development as part of a major project; ability to communicate both orally and in writing; and knowledge of Fortran and other High Order Languages. Previous applicants need not reapply.

Announcement No. 35-029-84, Interdisciplinary (General, Mechanical, Electronics Engineer/Computer Scientist/Physicist), DP-80/830/855/1550/1310-2/3, PAC No. 843521E — This position is located in the Test Support Branch, Code 3551, EWTES Division, Electronic Warfare Department. The work schedule is first-forty (Monday thru Thursday, 0630-1630) and the location is the Electronic Warfare Threat Environment Simulation (EWTES) facility in the Randsburg Wash Test Area. Bus transportation is available to and from the work site. The Test Support Branch is responsible for the development of software in support of EWTES. The incumbent is responsible for the development and updating of the surface-to-air weapon simulation computer programs at EWTES. **Job Relevant Criteria:** Ability to develop and update complex six degree-of-freedom missile simulation computer programs for both real-time and off-line applications; ability to plan, schedule, and coordinate system software development as part of a major project; ability to communicate both orally and in writing; and knowledge of Fortran and other High Order Languages. Previous applicants need not reapply.

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Announcement No. 36-155, Administrative Officer, DA-341-3, PAC No. 843733E, Code 36018 — This position is located in the Systems Sciences Division, Electronic Warfare Department. The division is responsible for simulation, synthesis, analysis and evaluation of electronic warfare systems from initial concept stage through development, test, evaluation, and assessment of operational effectiveness. The incumbent supports the division head



Military Slow Pitch Softball League has slow week of play

Only two games were played this last week by Military (slow pitch) softball teams. The NWC O's came to roost on the short end of a 13 to 22 score dropped on them by The Beef. While in other action, the Intruders weren't able to field a team and so forfeited their game to The Who.

In Monday night's play The Beef stung the NWC O's in an upset win that saw The Beef take an early lead in the first inning and not relinquish it the rest of the game.

The bottom of the first inning saw the beginning of a rout thanks to the sound bat of Rick Plante who socked Brice Hamerstein, the losing pitcher, for a grand slam to set the game's start at 9 runs to 3.

Hamerstein allowed 19 hits and 3 walks, no strikeouts, while Les Trotter, winning mounder for The Beef, fared slightly better with no strikeouts, no walks, and 16 hits allowed.

High RBI stats went to Plante with his 4 runs driven in on his slam, while Jorge Reyes contributed 3 runs and Buddy Suttles and Edward Downes both earned 2 RBI's for the winners. Mike Novak earned the O's 3 RBI's, Hamerstein contributed 2 runs, while teammates Len Fox, Terrence Calaghan, and Steve Enewald batted one run each for the NWC O's losing effort.

Standings in the Military (slow pitch) Softball League as of July 13 were as follows.

Team	Won	Lost
Bad News Bears	7	1
VX-5	7	1
NWC O's	5	4
Hornets	4	5
The Who	3	6
Intruders	2	6
The Beef	2	7

Weight room in gym provides range of exercise possibilities

One of the most popular attractions at the NWC gymnasium is the weight room. Located in the rear of the gymnasium complex adjacent to the racketball courts, the weight room has been steadily improved and expanded over the years. It now offers patrons a wide assortment of equipment specifically designed and selected to promote strength training.

A selection of free weights forms the foundation of the NWC weight room. Free weights, i.e. barbells, dumbbells, and similar equipment, provide the user with a flexible assortment of weights with which one can tailor an individualized weight training program.

The NWC weight room also has a set of fixed-weight barbells in 10-lb. increments, a set of fixed-weight dumbbells in 5-lb. increments, and two Olympic bars with sets of matched, removable plates. Olympic sets permit one to load the bar at any weight in 5-lb. increments, producing barbell weights from 45 lbs. to more than 450 lbs.

The weight room also contains a weight-lifting machine known as the Universal Gym. This six-station machine provides apparatus for a full range of exercises for arms, legs, chest, and back. It employs adjustable weights, cables, and levers to present the user with a variety of exercise options.

The newest addition to the weight room is a set of machines that use hydraulic pistons to provide resistance in place of weights. Like the Universal Gym, this Hydro-Gym provides a series of separate stations at which a patron can perform different exer-

Commander's Cup series

VX-5, NWC Gold co-champions for 1983-84 cup

The final series of slowpitch softball has been played for the Commander's Cup championship. Despite a rematch between NWC Gold, NWC Blue, and VX-5 softball teams to produce a leader for the overall Cup standings, NWC Gold and VX-5 placed dead even with 32 points, while Blue came in a distant third with 25.

According to Paul Baczkiewicz, head of Recreation Services' Sports Division, NWC Gold and VX-5 will be named as co-champions for the 1983-84 Commander's Cup.

Despite trailing last in the regular series of softball play, NWC Blue lived up to its anticipated role of being a "spoiler" by beating NWC Gold in the rematch series opener by a score of 17 to 10, and thrashing VX-5 the next night by a score of 23 to 5. In the series' final game, VX-5 managed to redeem themselves by sliding past NWC Gold, 10 to 7, by means of three home runs.

Monday's opener, played on July 9, turned out to be a slugfest with NWC Blue knocking out 12 hits against Stud Caldwell, the losing pitcher, while NWC Gold nailed Dave Reimers, the winning pitcher, for 16. But more hits don't always add up to more runs as the Blues ran up 12 RBI's between the combined efforts of Reimers, David Stone, and James Horton, while in comparison, NWC Gold could only muster 5 RBI's off the bats of Dan Whittenberg and Duane Powell.

Following the first two innings in which Gold went up 4 runs to the Blue's 3, NWC Blue turned the third and fourth innings into a screamer by pumping 10 runs across the diamond bag, while NWC Gold managed only one in return. Not willing to fold easily, though, NWC Gold came back in the fifth to touch home plate bag five times to trail by only 3 runs, except something happened in the sixth inning when Gold gave up four runs to Blue while Gold watched their own bats turn to lead to finish the game.

The next night, July 10, NWC Blue powerhoused VX-5 into an embarrassing loss in which VX-5 saw themselves slide from a 3-run advantage earned in the first two innings to wind up on the sticky end of the third by a score of 4 to 13. From there VX-5's bats went blank while Blue's stayed alive for another 8 runs. VX-5 did manage one run in the bottom of the seventh inning

cises in a controlled manner. Dial controls on the pistons permit the user to adjust the resistance, and every station is designed to provide resistance in both directions of the exercise. The Hydro-Gym is structured to provide a unique set of exercises not duplicated by any other equipment in the weight room.

The weight room also contains sit-up boards, a punching bag, a heavy bag, and a set of movable mats for floor exercises. There is a chin-up bar and a set of low parallel bars, together with an assortment of benches for weight lifting and free exercising.

HOURS LISTED

The weight room is open during normal gymnasium hours: 8 a.m. to 9:30 p.m. Monday through Friday, 9 a.m. to 6:30 p.m. Saturday, and noon to 5 p.m. Sunday. Proper dress is required, and no radios, tape players, etc. are permitted.

Fees related to use of the weight room, which is available to military personnel and their dependents free of charge, include the cost of an Athletic Association membership that entitles card holders to use all gym facilities.

For those who are not military personnel or their dependents, and do not have an Athletic Association membership card, the daily use fees for the weight room are as follows: \$1.50 for DoD adults or \$1 for dependents of DoD civilians under 18 years of age; \$2 for non-DoD adults and \$1.25 for dependents of non-DoD adults who are 17 years of age or under.

—by Dave Burdick



OUT! — Attempting to slide into home plate, during action of the softball rematch game of the Commander's Cup competition, NWC Gold's Randy Barton is signaled out by the umpire. Making the tag and narrowly avoiding a spill is Barry Hileman, catcher for VX-5. VX-5 won the game 10 runs to 7 against the Gold team. Despite the loss NWC Gold and VX-5 were named Co-champions for the 1983-84 Commander's Cup.

for a last hurrah with Roy Harmon bowing out as the losing pitcher and Reimers being tagged as the winner with a 23-to-5 final score for the NWC Blue team.

In the third and final game, VX-5 homered their way past NWC Gold 10 runs to 7 in what should have been the decisive game of the rematch series.

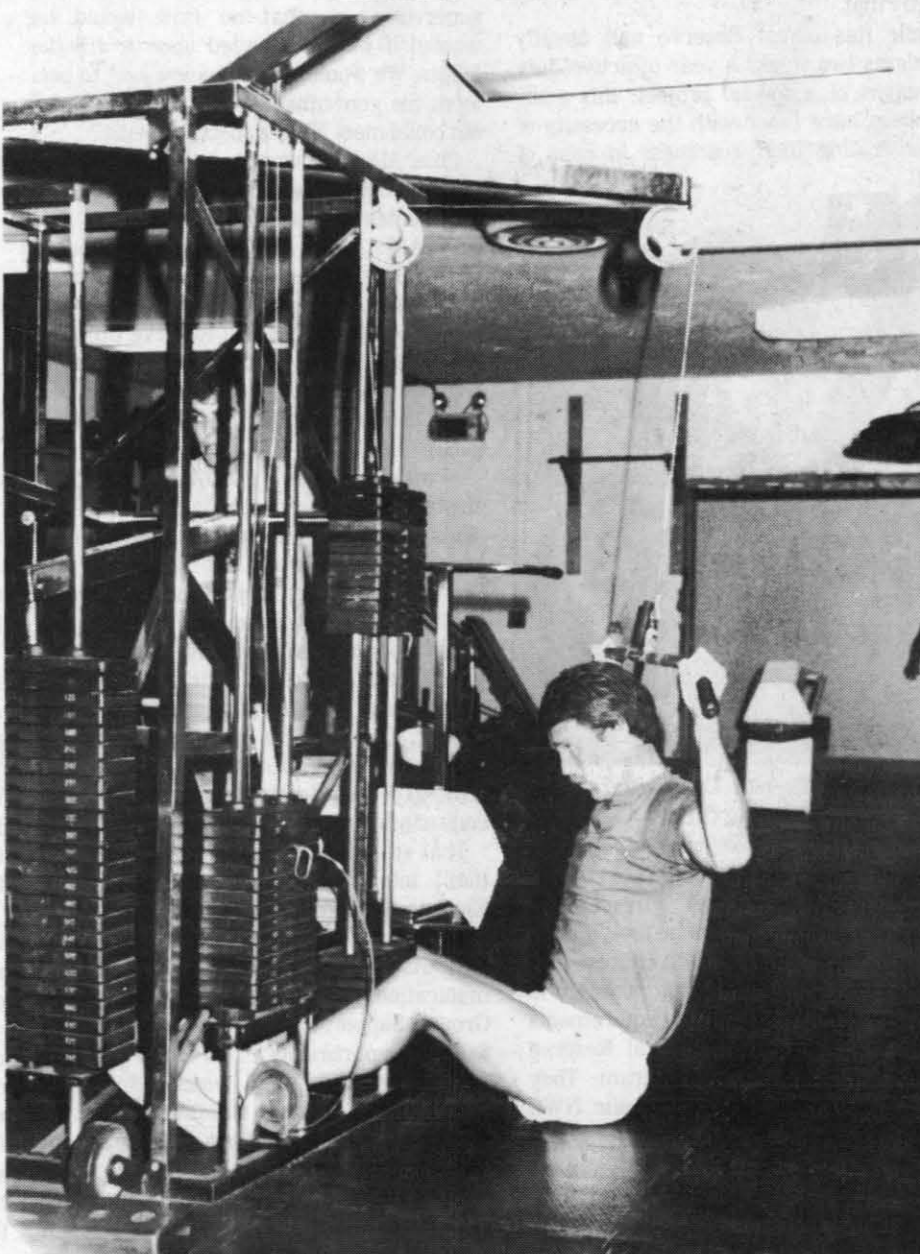
For what was a close scoring game, the decisive factors were a tight defense and a set of home runs made by VX-5. In the second inning, John Ball nailed a pitch from Caldwell to drive Barry Hileman in from second base and put VX-5 out in front 4 runs to 2.

In the top of the third, Gold scratched up two runs to tie the game but that didn't last long as Doug Cross of VX-5 jumped on another of Caldwell's pitches to drive teammate Jeff Stuart in from first base to

pump the score 6 runs to 4.

At this point, in the top of the fifth, Gold had an excellent chance to go ahead after taking the lead back from VX-5 in the fourth inning by one run and by preventing the other team from scoring during their turn at bat. However, Harmon and his outfield held steady and hustled their way out of the inning in short order. VX-5 then drove in two runs, with two more in the sixth inning, to cap their scoring efforts.

In their last chance at bat, NWC Gold's Powell drove Whittenburg in from third with two out for Gold's only home run of the night to make the team's last two tallies, but it wasn't enough to spark something as Jean Bormette, with Randy Barton on first base, hit a ball to VX-5's shortstop who flicked it to the second baseman for a forced out on Barton to end the game.



LOOK OF DETERMINATION — Jerry Love, on the lateral pull machine, is working hard to stay fit by using equipment in the weight room at the Center gymnasium. With the introduction of new resistance weight equipment at the gym, other Center personnel also will be able to make those pounds disappear.

—Photo by PHAN Greg Hogan

The Skipper sez

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. K. A. Dickerson. 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 three or four questions can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a question may leave name and address for a direct contact, but this is not required otherwise. There is no intent that this column be used to subvert normal, established chain-of-command channels.

QUESTION

Civilian employee — I recently went on a trip to Colorado. I got snowed in at the Denver airport. I just got my travel papers back and I not only wound up losing a weekend for being snowed in at the Denver airport, but I lost money out of my pocket as they tell me that the limit on per diem is \$50 for any delay in route after you leave your TDY point.

I really don't think that's fair. I had no control over the snowstorm and I missed out on a weekend with friends in the mountains here. I'd like to get a clarification of just what the rules are on this type of situation. Thank you.

ANSWER

There are, in fact, rules imposed by higher authority that govern this situation and the Naval Weapons Center must abide by the rules. Whenever a traveler is delayed en route, under the kind of circumstances that you described (i.e., where you were snowed in at an airport en route and were not performing official duty), the joint travel regulations only authorize payment at per diem of \$50.

Your claim was paid on that basis. However, in cases where the per diem rate is insufficient, the traveler may request an actual expense allowance. He can do that by forwarding a letter to the Travel Office here at China Lake which includes the following information:

The specific reasons for travel.

Whether meetings with technical, professional, or scientific organizations are involved.

Whether international conferences or meetings are involved.

Identity of the senior member.

Names and titles of foreign governmental contacts, if any.

Names and identity of other employees performing the travel, and their itinerary.

Any specific arrangements or quarters or meals.

Information on why normal per diem will not suffice.

Provide copies of orders and of the travel claim.

This is a standard format and many of the specific information items noted above will typically not apply, but you can use the above listing as an outline or format for your letter. The Travel Office will forward the letter to the Per Diem Travel and Transportation Allowance Committee in Washington. If the committee approves the actual expense allowance, then the traveler is so advised and is requested to file a supplemental claim.

We regret the inconvenience that this may have caused you and the accounting officer has requested that all traveler voucher examiners inform travelers on the procedure for obtaining an actual expense allowance whenever the situation suggests that this might be appropriate.

QUESTION

Civilian Employee — I would like to find out why the Center would not let the RATS bus system in Ridgecrest go beyond the Public Works compound. I have two children who would like to go to the pool but unfortunately, with the RATS bus just going to Public Works, it's not feasible and I would like to have a comment on that. Thank you.

ANSWER

Your information is incorrect. I have granted access to all unrestricted areas on the base to the RATS bus system. It is the city of Ridgecrest that has refused to expand the service unless the Center provides additional funding. RATS is a citizen-service. I recommend you discuss this with Ridgecrest representatives.

Sloan Fellow returns to NWC after year at Stanford

His year at Stanford University as an Alfred P. Sloan Fellow was a lot of hard work, but very rewarding, says Bill Ball, who has just returned to the Naval Weapons Center from Stanford.

Ball, who was associate head of the Aircraft Weapons Integration Department when he was awarded the fellowship, is now engaged in putting together a new computing group.

He selected the Stanford program rather than the Sloan programs at either the Massachusetts Institute of Technology or the London School of Economics because he felt the Stanford program was stronger academically. The Stanford Graduate School of Business is rated the best in the country; Sloan Fellows mix with the Master of Business Administration (MBA) students in elective classes in the winter and spring quarters.

Sloan Fellows at Stanford spend 3½ weeks in intensive preparation before fall classes begin; on the basis of this and their backgrounds, they are then considered to be at the level of second year MBA students.

Of the 42 Sloan Fellows, Ball says only seven were from the public sector; he, an engineer from Edwards Air Force Base and an engineer from the Army's Night Vision Laboratory were the only representatives from the Department of Defense. Fifteen of the students came from other

countries; in all, the Sloan Fellows came from businesses of varying sizes, from the small, family-owned business to the giant conglomerate.

Ten of the 15 courses required for the Master of Science in Management degree are strictly classes designed for Sloan

Fellows; the rest are electives in the field of finance, strategic planning or organizational development. Ball chose his electives mainly in organizational development — the human side of management.

Course work was not just academic learning in a classroom or library environment, he says, but included going out and talking with people in various businesses to gather information that was used in class projects.

In addition, during the spring break, the Sloan Fellows traveled to Washington, D. C., and New York City to talk (off the record) with such leaders in government as Supreme Court Justice Sandra Day O'Connor, Secretary of State George Schultz, and with chief executive officers and financial officers of major businesses.

"This year was an emotional high for me and my family," says Ball, "My wife, Marilyn, and our son, Allan, also enjoyed their time up there. She took a number of classes and he was in a very stimulating environment at Palo Alto High School." (Although their daughter, Christine, was in her first year at Cal Poly San Luis Obispo, she made many trips to Stanford to participate as much as possible in program activities.)

Coming back to the hot weather and lack of greenery was difficult, he says, but what ensured their return was the "remarkable people here and the exciting work going on."



Bill Ball



READY TO ROLL — Getting set to board the Navy bus that would take them to the fire camp for the Bodfish fire on July 12 are (l. to r.) ATAN Louis Coates, SK2 Tim Dyer, PRAA Ronald Lillibridge, AO1 John Mothershead, AT2 Joseph Grise, LI3 Margo Gifford, AD3 Chris Trindle, ATAN Peter Petrucci, and AO2 Les Trotter. Another five enlisted personnel joined them before the bus headed towards the site of the fire.

China Lake personnel volunteer assistance to weary firefighters

The winds slowed, the rains came, and the more than 2,000 firefighters who battled the massive Bodfish fire south of Lake Isabella were finally able by the weekend to contain and control the blaze that wiped more approximately 26,000 acres of brush and trees.

After a stint of two days (from Tuesday, July 10, to Thursday), the first group of four mess cooks and 12 enlisted personnel who volunteered their time and efforts to help cook and serve meals for the firefighters, were relieved by a second group of volunteers from China Lake.

While weary, the first group reported that they really were enthusiastic about how they had spent those two days — that every hour of work and bit of effort was completely worthwhile. Their sentiments were echoed by the second group when these were returned to China Lake on Saturday by Forest Service bus.

Volunteers in the replacement crew included, from Air Test and Evaluation Squadron Five, DPSN Stephen Lopez, LI3 Margo Gifford, AD3 Dale Morton, AO3 James Massagee, AMS3 Douglas Loftness, and AD3 William Ferreira.

Those from NWC were ATAN Louis Coates, AT2 Joseph Grise, PRAA Ronald Lillibridge, AO1 John Mothershead, ATAN Peter Petrucci, AD3 Chris Trindle, AO2 Les Trotter, and SK2 Tim Dyer.

Also aiding at the fire were members of

the Center Fire Division, who served as crash crew for helicopter operations. Firefighters who served in this group, in addition to the ones who served from the beginning of the fire on Saturday, July 7, through Wednesday, July 11, were Paul Hupka, Leroy Meyer, Boyd Malone, Dennis Squier, Ray Connor, and Ray Cenicerros.

The firefighters worked 14- to 16-hour shifts to ensure the safety of the helicopter crews that were spreading fire retardant and water to help quench the flames. The Center's civilian firefighters stood by until shortly after noon on Sunday, July 15, before they, too, could return to NWC.

While the firefighters were sent to assist on the basis of Mutual Aid agreements that the Center maintains with other area fire fighting organizations such as the Kern County Fire Department, the help provided by the military personnel who volunteered was a unique and neighborly gesture.

Pilot's Assistant...

(Continued from Page 1)

Factors Branch is not trying to develop Artificial Intelligence techniques but merely to apply that technology to a tool that falls within the mission of the Center.

Once a basic Pilot's Assistant is developed, the same concept has considerable growth potential. For instance, in the future, components could be developed that would learn from experience without requiring reprogramming.

The system might be made sufficiently flexible so that each individual pilot could brief it with regard to individual preferences, or mission algorithms could be developed depending on the specific type of mission flown.

Grossman also believes that eventually such a Pilot's Assistant might be useful for embedded training in which the system could simulate attacks in flight to provide a realistic training situation.

Even though the concept of the Pilot's Assistant might seem futuristic now, Grossman and Barnes believe that near-term spinoffs would develop that could be used with today's aircraft. Some very rudimentary systems are already functioning, they say, and the Pilot's Assistant of the future is a much-expanded and modernized version of these current applications using future "super computer" technology.

Small Purchase Branch moves to new quarters

To better serve the needs of its customers, the Small Purchase Branch (Code 2522) in the Supply Department is moving to larger quarters.

Branch operations will shut down at 12:30 on Wednesday, July 25, and will reopen at 7:30 a.m. on Monday, July 30, at the new location.

The branch is moving to the annex to Bldg. 1027 on the northeast corner of Blandy Avenue and Sandquist Road. This building is adjacent to the Calibration Laboratory.



TOP NOTCH EFFORT — Don Cortichio, head of staff for the Safety and Security Department, presents Sally DeSanto a certificate from the Defense Security Institute for being the honor graduate in the Information Security Management course held recently at the Defense Security Institute. — Photo by PHAN Greg Hogan

Center employee at top of class held at Defense Security Institute

Honor graduate of the recent "Information Security Management" course conducted by the Defense Security Institute, is NWC's Sally DeSanto. Ms. DeSanto, an Assistant for Contract Security in the Safety and Security Department, scored 100 percent in all examinations to come out as the top student in the 47-member class.

The course is designed for management and administrative personnel who have to deal with security education, classification, downgrading, marking and inspections of classified information. The first week of the two-week course includes contractor personnel, but the second week is open only to

Sailor of Month...

(Continued from Page 1)

Brent Norman, AME2 Marcus designed, painted, and helped the Seabee reserves install the sign which displays the Aircraft Department's logo.

The normal workload of the seat shop includes all work on the ejection seats and all phases of maintenance concerning them. In addition to these responsibilities, the shop is held accountable for the upkeep of the environmental aspects of the aircraft, such as the pressurization and air conditioning of the cockpit, and the liquid oxygen system of the aircraft.

The NWC Bluejacket of the Quarter joined the Navy while living in Hawaii. He was "looking for a different line of work" that would not be "boring," he said. Previous to his enlistment in 1978, he worked as a ship's mate on a charter fishing boat for a year and a half.

Petty Officer Marcus, 28, is single and enjoys gymnastics, swimming, and scuba diving, something he doesn't get to do much of here at China Lake.

For his selection as NWC's Bluejacket of the Quarter, AME2 Marcus received a letter of commendation from Capt. K. A. Dickerson, NWC Commander, an NWC plaque, a 96-hour special liberty, and one month free of duty.

4 quakes felt in U.S. territories in '83 cause casualties, damage

According to the U. S. Geological Survey (USGS), four significant earthquakes occurred in the United States during 1983.

A significant earthquake, by their definition, is one of Richter magnitude 6.5 or over, or one of a smaller magnitude that causes casualties or considerable damage.

The most severe quake to strike the United States was an M7.3 event in south-central Idaho on Oct. 28, which killed two children in Challis, Idaho. These were the first earthquake-related deaths in the United States since 1975.

On May 2, 1983, an M6.5 quake in Coal- inga, Calif., injured 45 people and caused serious structural damage to more than 500 homes and numerous commercial build-

Registration opens for workshop about stress of parenting

Under the auspices of the Federal Women's Program, Polly Ferraro, head of the NWC Child Care Center, will conduct a workshop entitled "Relieving the Guilt of the Imperfect Parent."

This 8-hour workshop will be held from 8 a.m. until 4 p.m. on Thursday, Aug. 23. Advance enrollment is required and may be accomplished by submitting a Training Request and Authorization Form through department channels so that it will reach Code 094 by the close of business on Aug. 9.

The workshop is designed to help parents look at the guilt feelings brought on by the pressure to succeed as parents, and will defuse this guilt trip by exploring ways to reduce the stresses of parenting.

Parents will discover their rights to have their own needs met while still protecting the rights of children. They will also be given the opportunity to interact with other parents who share the frustration of child rearing while trying to meet the demands of a career.

Anyone who has any questions about the workshop or attendance at the workshop is encouraged to telephone Mary Kilpatrick at NWC ext. 3129.

ings.

An M6.5 tremor occurred on Feb. 14 in the Pacific Ocean off the southern coast of Alaska, and an M6.6 quake hit Hawaii on Nov. 16, resulting in six injured persons.

During 1983, 342 quakes in the United States were reported to the USGS as being felt. California led all states, with 119 felt in 32 other states.

Worldwide in 1983, 70 significant quakes were reported, resulting in a death toll of 2,322. Of these, 1,347 resulted from an M6.9 quake in northern Turkey on Oct. 30. Another 450 were killed in an M6.2 quake in the African country of Guinea, and 250 died in an M5.5 quake in Popayan, Colombia, on March 31.

Police reports...

July 13 turned out to be very unlucky for one victim — unknown persons removed two \$50 bills from her purse that was in the emergency room of the NRMC branch clinic.

JUVENILES ARRESTED

Two juveniles, one aged 15 and the other 17, were taken into custody in the B Capehart housing on Sunday shortly after noon. They were removing valve stems from tires. They were subsequently released to their parents and the juvenile officer will follow up on this vandalism.

BICYCLE RECOVERED

During a followup investigation, officers arrested a juvenile for being in possession of stolen property on Saturday morning at 9:13. The stolen property was a bicycle valued at about \$100.

TOOL KIT TAKEN

A victim reported on Wednesday, July 11, that a tool kit was taken from his private vehicle while it was parked at Salt Wells. The tool kit is valued at \$200.

Navy Hotline

for Fraud, Waste and Abuse
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288-6743 (Autovon)
(202) 433-6743 (commercial)

Promotional opportunities

(Continued on Page 2)

minimal supervision. This announcement will be used to establish the promotion register for Firefighter, GS-081-58, which will remain in effect until February 1985. Supplemental Qualification forms are required along with SF-171 and may be picked up at the receptionist desk, Rm. 100, of Personnel.

Announcement No. 39-040, Engineering Technician, DT-802-2/3, PAC No. 8439581, (2 vacancies) Code 3941 — These positions are located in the Sensors and Platforms Branch, Electro-Optics Division, of the Weapons Department. Specifically, the positions are located in the Code 3941 White Room. The work in this section for the most part deals with the assembly test of electro-optical seekers. A large amount of the work evolves around advanced state-of-the-art seeker assemblies. Job Relevant Criteria: Ability to work and interface with other technicians, senior engineering personnel, and managers at the project office level; strong mechanical background is required for these positions; experience as a machinist/model maker via an accredited apprentice program or trade school; experience in the electro-optics gyro/optical gyro/seeker is desirable but not a requirement. Promotion potential DT-3. Previous applicants need not reapply.

Announcement No. 39-039, Electronics Engineer, DP-855-2/3, PAC No. to be determined, (5 vacancies), Code 3944 — These positions are located in the Electronics Branch Electro-Optics Division of the Weapons Department. The primary duties are to provide support in signal processing and electronic systems engineering in support of the Sidewinder AIM-9M PIP program. The incumbent

works directly on analog and/or digital circuitry design. Job Relevant Criteria: Knowledge of electronic design principles and practices; ability to interface effectively with both on and off Center professionals; experience in analog and digital circuit design and packaging; ability to communicate well both orally and in writing; ability to perform assigned duties independently, referring only controversial or sensitive matter to the technical manager. Status eligibles may apply. Previous applicants need not reapply.

Announcement No. 31-060, Computer Specialist, DS-334-3, PAC No. 8431706, Code 3141 — This position is located in the Data Analysis Branch of the Aircraft Weapons Integration Department. The incumbent's responsibilities include (but are not limited to): develop plans and oversee development of specialized data bases in support of A-4, A-7 and F/A-18 weapons integration flight tests; monitor contractor development of related software and critically review related documents; interface with Code 31 Program Office and support branches to determine DBMS requirements; act as technical specialist in the use of the SEED data base management system; coordinate and control entry of flight related data into the flight data bases. Job Relevant Criteria: Knowledge of data management and data base administration; knowledge of VAX command procedures and SEED data base management system; familiarization with Yourdon's structured analysis and design techniques preferred; ability to monitor and critically review contractor efforts on software development; ability to interface and effectively communicate with data base system users.

Announcement No. 24-101, Fire Protection Inspector, GS-081-6/7, PD No. 7924009N, Code 24392 — Position is located in the Safety & Security Department, Fire Division. Incumbent makes continuous inspections of buildings, their contents, utilities, and surrounding areas, of processes and operations in regularly assigned areas, special assignments involving life hazards, fire hazards, and fire prevention deficiencies, etc. Incumbent recommends corrective action to area responsible, makes written reports, and makes follow-up inspections of noted hazards. Reviews plans for new construction and extension of existing structures. Recommends changes and additions to ensure compliance with fire prevention and protection requirements. Tests, services, and installs fire equipment, tests fire doors, sprinkler systems, alarms, etc. Incumbent presents fire prevention training and instructions, conducts evacuation and fire drills, use of extinguishers, etc. Miscellaneous firefighter duties as assigned. Job Relevant Criteria: Knowledge of principles of fire prevention inspection; knowledge of operations performed in assigned area; general knowledge of physical layout of NWC, including NAF. Supplementals are required and must be submitted with SF-171. Supplementals may be picked up in Rm. 100, Personnel Bldg. Supports Federal EEO program goals and objectives.

Announcement No. 24-099, Lead Firefighter, PD No. 7924009N, 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 and ability to supervise and conduct inspections and identify fire hazards; ability to communicate with others effectively, both orally and in writing, in working out solutions and problems or questions relating to the work; potential to motivate, train, and work effectively with subordinates who have a variety of backgrounds and training; ability to plan own work and carry out assignments effectively; demonstrated potential ability to plan initial attack including rescue and the efficient control and extinguishments of fires; knowledge of locations (streets, water distribution, alarm/detection systems, building contents/layouts, etc.) This announcement will be used to establish the promotion register for Lead Firefighter, GS-081-6, which became effective July 13 1984 and will remain in effect through January 1985.

Announcement No. 25-045, Contract Specialist, DP-110-3, PAC No. 843545248, Code 2534 — This position is located in the Contracts Branch, Supply Dept. The incumbent has responsibility for the planning, negotiation and administration of fixed price and reimbursement contracts involving procurement of complex items and extensive services. The incumbent analyzes purchase requests and contractor offers, performs cost and price analysis, conducts negotiations, oversees issuance of contract awards, monitors and evaluates contractor's performance. Job Relevant Criteria: Knowledge of gov-

(Continued on Page 7)



"CITATION" ISSUED — In a simulated incident, China Lake Police Officer Charles R. Fugate issues a citation to Mrs. Debbie Bowles for not providing her daughter, Nicki, with a car safety seat. Under California State law, it is mandatory that car safety seats be provided for all children who weigh less than 40 lbs., and/or are younger than four years of age. Through the Brophy Car Seat Loan Program, active duty military families may obtain safety seats at NWC's Children's Center Pre-school Facility. For more information telephone NWC ext. 2735. — Photo by PH3 Rick Moore

July 27 marks return of Friday paydays; PDQ to be discontinued

Starting next Friday, the Naval Weapons Center will revert to recognizing Friday as the official payday for all civilian employees. Employees having their paychecks automatically deposited will have their accounts posted with funds available on Friday and employees opting to have their paycheck mailed will receive it by Friday. Employees who receive their paychecks at the work site will continue to receive these without interruption.

NWC, in cooperation with the Treasury and Federal Reserve Bank, is converting all Direct Deposit/Pay Deposited Quicker

(PDQ) payments to Direct Deposit/Electronic Funds Transfer (EFT). The Payroll Office will convert all bank deposit payments currently processed through composite check to EFT processing.

In applying the Federal Reserve Bank requirements for EFT, the determination has been made that it would be impossible to meet the deadline and retain this Center's Wednesday payday.

For additional information or assistance, employees should contact the Payroll Office, Code 08641, NWC ext. 2121.

Active Duty Training helpful

NWC Support Unit 0176 demonstrates readiness during ACDUTRA

During their annual two weeks of active duty for training (ACDUTRA), 11 officers and 35 enlisted members of the Naval Weapons Center's Support Unit 0176 did exactly that.

While this Naval Reserve unit usually spends its two weeks a year of active duty in support of a special project, this year, members were faced with the necessity of demonstrating their readiness in case of recall.



Capt. James R. Compardo, Commanding Officer

"In order to fulfill this year's mission, we worked side by side with our active duty counterparts," said Chief Fire Control Technician Art Allington as he took a short break from his documentation chores. "We have a two-tiered qualification program in that initial billet qualification requirements come out of the Chief of Naval Reserve (CNAVRES) Air Systems Program. They are then augmented by the specific NWC billet requirements."

Basic requirements are found in the personnel qualification standards (PQS) manual. The manual lists training courses, publications, school curricula and on-the-job training that must be mastered. Once those "quals" have been met, particular mobilization billet requirement quals are undertaken.

Cdr. Juan Garcia, the unit's Training Officer, defined these as: "qualifications tailored to the needs of individual work centers by our own NWC work center supervisors so that no time would be wasted if we were called upon to fill the billets. We would not only know how to perform the generalized versions of our jobs, but could meet NWC's specific needs."

Chief Allington went on to explain that all unit members had their basic CNAVRES requirements signed off during the two week ACDUTRA, and at least 90 percent of all the skills needed in specific mobilization billets had been demonstrated.

In case of recall, Naval Reserve Unit 0176 would be called upon to replace or augment NWC aircraft maintenance forces and perform communications and administrative duties.

"Two weeks was a short time to demonstrate that we were proficient in all the skills required of us," said Aviation Machinist's Mate 1st Class Tom Didomenico. "It's important to become PQS qualified, but there were a lot of quals to get documented, and two weeks was a pretty short time to fit it all in."

Cdr. Sam Alonge, the unit's Executive Officer, expressed his pride in its members succinctly. He said, "Naval Reserve Unit NWC 0176 fully integrated into its gaining command."

That statement referred to "full integration" into the Powerplants, Airframes, Electric, Fire Control, Ordnance, Hot Line, Maintenance Control and PME Calibration Lab work centers, as well as the Communications Center and the Targets, Ground Support-Equipment and Personnel Support Departments.

"Qualification itself wasn't difficult," said Vern Smith, another Aviation Machinist's Mate 1st Class. "There's a lot of old-time experience in this unit. The hard part was finishing the required paperwork rather than working on one of the special projects that we're used to. But, as old-timers, we're also aware that paperwork is a necessary evil," he added.

AD1 Smith speaks from his experience as a former member of the National Guard,

VX-5 Chief receives award for deck renovation in Hangar One

Chief Aviation Electrician's Mate Barry R. Hileman, of Air Test and Evaluation Squadron Five (VX-5), was recently awarded a Navy Achievement Medal.

He received this award for outstanding performance of duty while coordinating the extensive hangar deck renovation project at Hangar One.

The citation that accompanied the medal, signed for the Secretary of the Navy by Capt. Roger P. Flower, Commanding Officer of VX-5, commended Chief Hileman for his professional ability and resourcefulness.

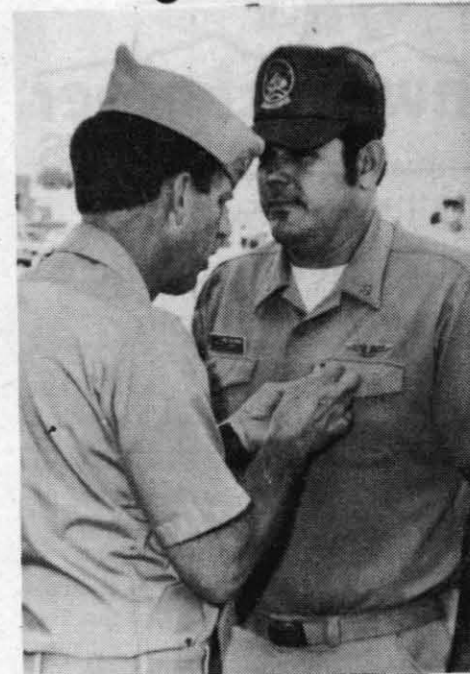
It noted that, at significant savings to the federal government, he "coordinated an extensive hangar deck renovation project which resulted in a much safer, functionally organized work area for the squadron."

The citation further stated that AEC Hileman's diligence and dogged persistence were responsible for completing the project "within minimum time and with maximum esprit."

As daycheck supervisor in the Maintenance Control shop at Hangar One, Chief Hileman is responsible for all maintenance performed on squadron aircraft, as well as seeing that all aircraft meet safety requirements.

The Suffern, N.Y., native lists fishing and playing softball as favorite off-duty activities. He is currently coach of the NWC varsity softball team.

A veteran of 15 years of active duty service in the Navy, AFC Hileman and his wife, Mary, have two children — Melissa, 7, and Barry Jr., 5.



SPECIAL EFFORT CITED — Capt. Roger P. Flower, Commanding Officer of VX-5, presents the Navy Achievement Medal to AEC Barry R. Hileman in recognition of his efforts in coordinating the renovation of the hangar deck at Hangar One. — Photo by PH2 Dennis Mugglin



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HANDS-ON EXPERIENCE GAINED — ASM3 Vicki Perkins, of NWC Support Unit 0176, works on a piece of ground support equipment during two weeks of active duty for training. — Photo by AQ1 Glenn Risley

the Army, the Air Force and the Marine Corps in addition to his ten years' service in the Naval Reserve. "Just say I'm fickle," he laughed.

He then recalled the two weeks the unit spent recovering 14 smokeless J79-10 engines for use in F-4 Phantom jets, saving the Navy \$15 million and the technical projects undertaken at NAS North Island to improve the mission capability of Helicopter Support Squadron Nine. The latter project saved the Navy several hundred thousand dollars in engineering costs.

"We thrive on such projects, but we also realize that our mission for the last two weeks was equally important," AD1 Smith concluded.

"This ACDUTRA was very helpful to me," said Lt. Bob Juarez. "As the unit division officer, I'm responsible for dealing with all enlisted personnel problems. As I made my rounds of the work centers, I was able to get to know everyone much better than I had before because I could observe them performing the duties characteristic of their mobilization billets."

"We not only coordinated and satisfied the required mobilization billet rate training," Cdr. Garcia added, "we also generated an extensive long-range training

plan. A superior training environment was provided for us by NWC, and we are pleased that, in return, we were able to augment their aircraft maintenance product.

Chief Aviation Support Technician John Betts agreed that the amount of work that was accomplished was remarkable, but said that it wasn't unusual for NWC Support Unit of 0176.

"This is an active group. They're dedicated and knowledgeable, and the only time they really complain is on the rare occasion that the workload is slack," Chief Betts said.

Capt. J. R. Compardo, Unit 0176 Commanding Officer, spoke for both himself and the unit as a whole when he reflected on the training period.

"I have yet to see a more dedicated group of individuals. Responding to new instructions from CNAVRES, unit personnel worked at training and readiness improvement without losing sight of an overall desire to assist their command."

"We as a unit would like to express our appreciation for the opportunity of sharing the mission of the Naval Weapons center, China Lake," Capt. Compardo stated.

— by JO2 Carolyn A. Spurgeon

