



SIGN LANGUAGE INSTRUCTION GIVEN — Linda Burke (at right), a volunteer parent who has a good background in the S.E.E. Sign Language, recently conducted a 4-week workshop that was attended by Children's Center staff members and by a group of 20 other persons who were interested in attaining skills for communicating with children that have a loss of hearing problem. This class will be continued by the Children's Center on the first Wednesday of each month. Newcomers are welcome, according to Polly Ferraro (at left) director of the Children's Center, who, along with staff members (l.-r.) Debby Baker, Alice Sztukowski and Cynthia Garber, completed the six weeks of instruction.

### Plans being made for 4th annual Standard Flower Show May 2, 3

The Planning Committee for the fourth annual Standard Flower Show met recently at the Enlisted Mess on the Naval Weapons Center.

The "Bloomin' Spaces" flower show will be part of the High Desert Escapade and will be held May 2 and 3 at the EM.

Various committee chairmen gave reports and discussion centered around the staging of the show, the educational exhibits and finances. A workshop was planned to help non-garden-club members participate in this event.

Alice Hirsch is general chairman of the "Bloomin' Spaces" flower show, assisted by Marianne Kistler, as co-chairman. The secretary is Nelda Darling and Bernice Meade is treasurer. The staging of the show will be arranged by Dorothy Roton.

In the past, the flower show sponsors were Desert Planters of Ridgecrest, the Maturango Museum and Oasis Garden Club of Indian Wells Valley. This year the High Desert Junior Woman's Club has become a sponsor. As one of the group's new community service projects, the Woman's Club is also sponsoring the Youth Division, which is for children and youth through 12th grade. Allene Archibald is in charge of this division, and the Girl Scouts are expected to participate in what is known as the "Growin' Up" division of the flower show.

Carol Panlaqui, museum curator, will be in charge of the native wildflower division,



LABOR OF LOVE — Marge Daiber, president of the California Garden Club, carefully attaches dried grapevine to an arrangement of spider mums. This type of arrangement could be entered in the Artistic Division of the upcoming flower show that will be part of the High Desert Escapade, May 2 and 3 at the Enlisted Mess.

while Mary Ann Henry will handle the wildflower identification.

For those interested in exhibiting horticultural specimens or floral arrangements, two workshops will be conducted by Alice Hirsch at the Ridgecrest Library on April 15 and April 22, from 2 to 4 p.m.

Attendees at the workshops will be given specific instructions on specimen preparation for the flower show and how to win awards. Information on entering the various divisions also will be provided and questions answered.

One of the most important pointers to be covered is how to "harden" plant arrangements. This information is valuable also for the person who wants flowers from the garden to give lasting enjoyment in the home.

The two local garden clubs are members of National Council of State Garden Clubs, Inc., and the California Garden Clubs. Marge Daiber, a long-time Ridgecrest resident, is the 1981 president of the California Garden Club.

### China Lake Desert Dancers to host folk dance festival

Tomorrow will be a memorable day for local folk dance buffs as the strains of dance music will fill the multi-use room at Burroughs High School during the afternoon and evening for Lech Lamidbar VI, the annual folk dance festival sponsored by the China Lake Desert Dancers.

The afternoon session from 1:30 to 4:30 is free for both dancers and spectators. The evening session, when NAMA, a nationally known orchestra will play for dancing from 8 until midnight, has an admission charge of \$3 per person for both participants and spectators.

A highlight of the evening's program will be two dance exhibitions by the Dunaj International Dance Ensemble of Orange County. The dancers will present both an Appalachian Clog Party and the Slovak Suite under the direction of Richard Duree and Sue Simms.

Refreshments will be available to cool the parched throats of dancers at both sessions of Lech Lamidbar VI.

### NEX to be closed for inventory March 22-23

The Navy Exchange will be taking inventory soon and has announced that the main store will be closed on Sunday and Monday, March 22, and 23. The Mini Mart will also be closed on Sunday, March 22, but will be open for business on Monday the 23rd from 12 noon to 7 p.m.

### Supply Dept. Rec. Club arranges St. Patrick's Day fete

No, those weren't leprechauns scurrying around the Warehouse 17 parking lot last Tuesday, just participants in the Supply Department Recreation Club's St. Patrick's Day potluck and tricycle Grand Prix.

More than 10 racers participated in the noontime festivities, and prizes were awarded to the winner of the race and to the best outfitted male and female racers.

Ted O'Cripps, Code 25731, crossed the finish line first to win dinner for two at Clancy's Claim Company. When asked how he managed to outdistance everyone else, Cripps replied, "My 30th wedding anniversary is on the 20th and first prize was dinner for two. Everyone else was racing for the fun of it but I was racing for my life." He



Ted "O'Cripps" went on to say that it was a tough track "but I had to win it for mama."

O' Cripps also won a \$20 gift certificate from Golden Empire Lumber for being the best outfitted male racer.

Kathy O'Beardslee, Code 2523, pedaled away with a ticket to "Ladies Night Out" and \$10 in spending money for being the best outfitted female racer. When asked how she did in the race she replied, "I didn't tip over — I just got stuck in the ruts."

This race may have spawned a little rivalry as some contestants were heard to grumble that O'Cripps' tricycle was modified so his knees couldn't get in the way. Who knows, maybe they'll have a grudge match next year.



Commissioned Officers' Mess  
Next Tuesday and Thursday will be specialty nights at the Commissioned Officers' Mess.

On Tuesday, March 24, all those in attendance can enjoy a little bit of Italy by partaking of all the spaghetti one can eat for the price of \$3.50 for adults and \$1.75 for children.

Thursday, March 26, is barbecue night at the COM. Featured on the menu will be a country platter of pork spareribs and chicken, country fried potatoes, corn-on-the-cob and hot biscuits and honey.

Dinner on both evenings will be served from 6 to 9 o'clock.

Chief Petty Officers' Club  
Tickets are now on sale at the Chief Petty Officers' Club office for the annual CPO Ball on Saturday, March 28. The evening's activities will begin at 6 p.m. with a social hour, to be followed by a prime rib dinner at 7 o'clock.

"The Message," a 5-piece contemporary music group, will be on hand to play tunes for the listening and dancing entertainment of all those in attendance, from 9 p.m. to 1 a.m.

All active duty and retired Navy chiefs, grades E7 through E9, are eligible to attend with their spouses or dates. The uniform for this gala occasion will be service dress blues, and long gowns are suggested for the women.

Tickets, priced at \$15 per person, may be purchased from either the CPO Club manager or from members of the CPO Club Advisory Board, up until Friday morning, March 27.

### Music Parents Club slates scholarship fund-raising sale

The Music Parents Club will hold its annual fund-raising rummage sale on March 27 and 28 at the old fire house on Station Street in Ridgecrest. On Friday, March 27, the sale will be open from 8 a.m. until 5 p.m., and on Saturday, from 8 a.m. until 3 o'clock.

The money raised by this sale will be used to provide 15 scholarships to local students for Arrowbear Music Camp during the summer.

Those who wish to donate items to be sold may leave such contributions at Auto Kool Service, 1240 W. Ridgecrest Blvd., Ridgecrest, at any time at the Murray School office, or at the old fire house on Thursday, March 26, between 3 and 5:30 p.m.

For further information or to arrange for contributions to be picked up, interested persons may telephone 375-5571, 375-4341, or 375-9210.

### Thrift Shop to hold sale

The Thrift Shop will hold a half-price sale on Tuesday and Thursday, March 24 and 26, to clear shelves of winter clothing and permit patrons to get started on their spring and summer shopping.

The store is open Tuesdays from 7 to 9 p.m., and Thursdays from 10:30 a.m. until 12:30 p.m. so that employees can shop during their lunch hour.

U.S. Government Printing Office: 1981—No. 17

From: \_\_\_\_\_ PLACE STAMP HERE  
To: \_\_\_\_\_



AE3 Douglas D. Taylor

### Bluejacket of Month honor goes to Taylor

Aviation Electricians Mate Third Class Douglas D. Taylor has been selected as the Naval Weapons Center's Bluejacket of the Month for March.

AE3 Taylor is assigned to the Aviation Electrician Work Center of the Aircraft Department where he performs organizational level maintenance on the electrical components of A-4, A-6, and A-7 aircraft.

His letter of nomination reads in part: "He is a dedicated professional who consistently works beyond normal working hours. Combining his outstanding initiative with a diligent work attitude and knowledge of the assigned aircraft results in quality workmanship."

"Petty Officer Taylor's devotion to duty, enthusiasm and professionalism in the execution of his duties are extremely noteworthy and in keeping with the highest standards of the Naval Service."

AE3 Taylor has been stationed at NWC since October 1978 and he met and married his wife Billi (a former Bluejacket of the Quarter) here at China Lake.

Originally from Fayette, Mo., AE3 Taylor says he enjoys living in the desert and especially likes California. He enjoys sports — playing second base on a softball team and guard on an intramural basketball team. He recently purchased a four-wheel

(Continued on Page 5)

### Minor earthquake recorded in local area Sunday night

The earth beneath the Naval Weapons Center stirred itself briefly Sunday evening at 7:28, with the resultant tremor listed as 3.3 to 3.4 on the Richter scale by the University of California at Berkeley and 2.9 on the same scale at Cal Tech.

According to Glen Roquemore in the Earth and Planetary Sciences Division of the Research Department, the differences between the two listings are due to the distances from the two laboratories reporting the quake.

At fault was the "Trona crest fault," which runs in a general east and west direction between the China Lake pilot plant buildings and the Trona Road. There are minor cracks visible at the surface in the area, and a tank in the airbreathing propulsion laboratory was slightly offset by the tremor.

Some signs of creep also exist in the area. Local area residents who noticed the minor earthquake told of observing swinging chandeliers and hearing the sound of pictures slapping against the walls on which they were hung.

There hasn't been a lot of activity hereabouts along earthquake faults that run in an east-west direction, giving rise to speculation by Roquemore that this could indicate a possible shift in tectonic activity.



NAVAL WEAPONS CENTER  
CHINA LAKE  
CALIFORNIA

## NWC's top contract negotiator singled out as recipient of Commander's Award

The Commanders' Award for Excellence in Mission Support was presented this past Monday morning to Masaru Tokuyama, a contract negotiator in the Supply Department's Contracts Division.

The Commander's Award, which consists of a pyramid-shaped paperweight, a letter of commendation, and a check was presented by Capt. William B. Haff during the weekly Commanders' meeting.

Tokuyama was commended for his efforts during the period of Oct. 1, 1979, to Sept. 30, 1980, that resulted in increasing the quantity and timeliness of contracts awarded in what was the most successful contracting year in the history of the Center.

During the year covered by the Commander's Award, Tokuyama awarded 41 contract actions. For this same length of time the average number of contract actions completed by the Supply Department's entire Contract Negotiation Branch was 41.2.

The quality of the work done by Tokuyama didn't suffer because of its volume, since he exceeded both the standards set by his branch and the Navy Supply System for the contract packages that he processed.

Tokuyama's accomplishments are all the more notable because for 60 days during the period of his award he was detailed as head of the Contract Negotiation Branch and could not carry out any contract actions. He also acted essentially as branch head for an additional 30 to 45 days while the assistant division head was swamped with work related to management of the Contracts Division and couldn't devote much time to overseeing work at the branch level.

This cut further into the overall time that Tokuyama had for handling contract awards — leaving him only three quarters of the time during the year that was available to other contract negotiators. Had



STELLAR CONTRACT NEGOTIATOR — Masaru Tokuyama receives the Commander's Award for Excellence in Mission Support from Capt. William B. Haff. Tokuyama's efforts were exceptional during what was the most successful contracting year in the history of the Naval Weapons Center.

he been able to act in his normal capacity as a negotiator for the entire year, it was anticipated that the latest recipient of the NWC Commander's Award would have processed approximately 20 more contract actions for a total of 61.

Not overlooked by his superiors who recommended him for the award was the fact that because he is recognized as senior

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## Change of command ceremony slated by VX-5

A change of command ceremony during which Capt. Paul D. Stephenson will be relieved by Capt. Paul Hollandsworth as Commanding Officer of Air Test and Evaluation Squadron Five (VX-5), will be held next Friday, March 27, at 1 p.m. outside Hangar 1 at Armitage Airfield.

Guest speaker for this occasion will be Rear Admiral R. C. Mandeville, Deputy Chief of Naval Material for Logistics, from Washington, D.C. Another of the honored guests in attendance will be Rear Admiral G. W. Lenox, Commander, Light Attack Wing, Pacific, from Lemoore, Calif.

Music for the change of command ceremony will be provided by the 1st Marine Division band, and the invocation and benediction will be delivered by Cdr. John Allen, NWC senior chaplain.

Capt. Stephenson, who has served as the CO of VX-5 since January 1979, is leaving here to take over the responsibilities of Commanding Officer of the Naval Air Station at Cubi Point in the Philippine Islands.

His replacement, Capt. Hollandsworth, is coming to the Naval Weapons Center from the Whidbey Island Naval Air Station, Oak Harbor, Wash., where since 1977 he has served as the Chief of Staff for Readiness under the Commander of the Medium Attack Tactical Electronic Warfare Wing,

Pacific.

A native of Tennessee, Capt. Hollandsworth entered the Navy through the Naval Aviation Cadet Program in July 1964. Upon completion of flight training, he was commissioned and designated a naval aviator in April 1966.

His first assignment was with Attack Squadron 25 flying A-1H Skyraiders aboard

the aircraft carrier USS Intrepid during numerous deployments to the Caribbean, North Atlantic, and Mediterranean.

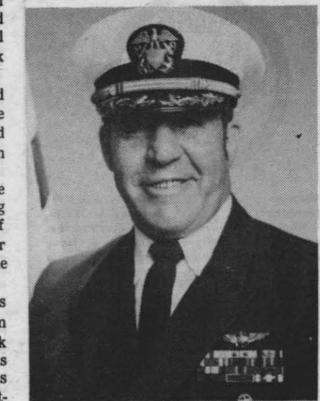
In 1969, Capt. Hollandsworth reported to Attack Squadron 42, which was part of the newly formed Replacement Air Group Four, as an instructor pilot in the A-1 aircraft. During this tour of duty, he became one of three pilots to first fly across the Atlantic Ocean in the Skyraider.

Capt. Hollandsworth's next sea tour was aboard the aircraft carrier USS Independence — first as flight deck officer and then as catapult officer. In this latter capacity, he was highly involved with the initial carrier qualifications of the A-6A Intruder aircraft.

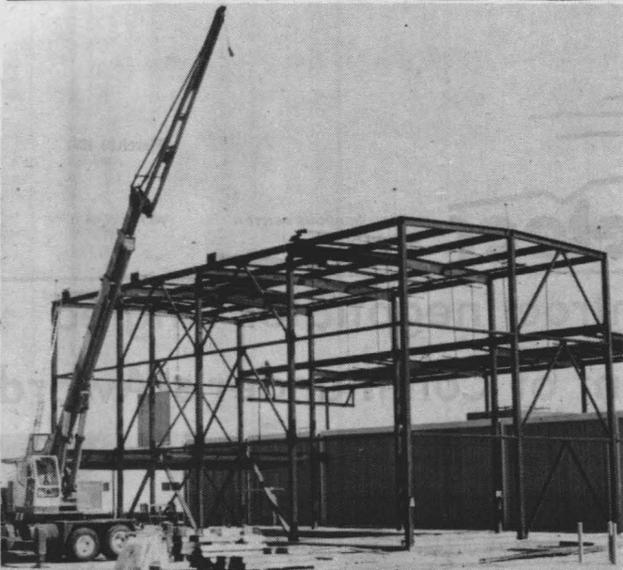
In 1965, he reported to Attack Squadron 44 for transition training as an A-4 Skyhawk pilot, after which he was assigned to Attack Squadron 76. Capt. Hollandsworth made two combat cruises to Southeast Asia while attached to VA 76 — first with the USS Enterprise and then aboard the Bon Homme Richard — and flew a total of 256 combat missions over North and South Vietnam. He then returned to VA 44 as an A-4 Skyhawk instructor-pilot in 1967.

In March 1979 he reported aboard the aircraft carrier USS Saratoga as strike operations officer for a tour of duty that

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Capt. Paul Hollandsworth



ABOUT READY TO INSTALL ROOF — With the help of a crane, material for the roof of the Missile Guidance Simulation Laboratory was hoisted to the top of this building that is under construction. Next will come the siding as workmen for the Kumer Electric Co. of Loma Linda, Calif., the successful bidder on this project, continue with work on the "shell" of the building. Nearly complete is the installation of a sprinkler for fire protection. The taller portion of the new structure, which is being erected adjacent to the Michelson Laboratory Computer Wing, will house an anechoic chamber that will be used in the Harpoon Missile Program.

## Hebrew Congregation's festive Purim celebration begins tonight

Members of the NWC Hebrew Congregation invite their friends and neighbors to join them tonight and tomorrow night in the East Wing of the All Faith Chapel for the festive celebration of Purim.

Services, led by Gary Tishkoff, a student rabbi, will begin tonight at 7:30. There will be a reading of the Megillah, the scroll version of the Book of Esther. While the reading is in progress, the audience participates by the stamping of feet, using noise makers, and boing at the mention of the name of Haman.

Purim is a celebration of the deliverance in Biblical times of the Jews in the Persian Empire from the plot made by Prime Minister Haman to exterminate them.

Haman cast lots to see what day he would begin his murderous plan. The Persian word for lots is "Purim." The plot was foiled by Mordecai and Queen Esther.

The festivities will be resumed with a costume party on Saturday, starting at 7:30 p.m. in the East Wing of the All Faith Chapel. Donations are \$1 each for those who attend in costume and \$.50 for all others.

The evening's activities tomorrow, which will include singing, dancing and music, will be directed by Laurie Saiken, assisted by Tricia Siegel. Eric Saiken will be the announcer for the evening, and stage crew members are Sid Busch and Dan Siegel.

Student Rabbi Tishkoff will head a cast of entertainers that will include Davisia

McInvale, Emilie Boguchwal, Roxana Kamen, Charlotte Braitman, Rose Varga, Joe Vitale, Bob Boblett, Pat Noland, Angie Anderson, Ruth Schuyler, Sharon Goodrich, Lidia Landon and Lori Williams.

Other participants in the program will be June, Michael, and David Wasserman; Dan, Tricia, and Kama Siegel; Marge and Karen Harlan; and Heather and Rhonda Knutson.

The special culinary treat of the evening will be three-cornered cookies called "Hamantaschen" that will be served.

## STC audiovisual competition best entries to be shown

The Sierra Panamint Chapter of the Society for Technical Communication will offer a program of outstanding sync/slide and filmstrip presentations featuring the winners of the fourth annual STC Audiovisual Competition. The subject categories of the presentations vary from Information and Marketing, through Instruction and Medical/Health, to Safety and Consumer Education.

The presentations will be held in the Management Center of Michelson Laboratory on Wednesday, March 25, at 7:30 p.m.

Anyone requiring an access pass to Michelson Laboratory should call Joan Deffes at NWC ext. 3668.

## Promotional opportunities

Applications (Standard Form 171) should be put in the drop box located at the Reception Desk of the Personnel Department, Bldg. 34. Unless otherwise specified in an ad, applications for positions listed in this column will be accepted from current appointable (i.e., career/career conditional and VRA) NWC employees only. All others desiring employment at NWC may contact the Employment-Wage & Classification Division, Code 092, Ext. 2049. 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 do not preclude the use of alternate recruiting sources in filling these positions. The filling of these positions through Merit Promotion is subject to the requirements of the Merit Program for the Stability of Civilian Employment. The minimum qualifications for all GS positions and positions subject to the Demonstration Project are those defined in OPM Handbook X-118; those for all wage system positions are those defined in OPM Handbook X-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 activities. 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. 0605, Computer Specialist, DA-334-3, PAC No. 816504E, Code 06301** — Incumbent analyzes, designs, specifies, tests, documents and maintains the Code 06 TCN Management/Financial System. Efforts include planning of 06 requirements, hardware and software requirements definition, interface coordination, ADP safety and security, data base definition, data base management system specification and programming. Serves as 063 ADP Security Officer. **Job Relevant Criteria:** Knowledge of data base management systems; ability to analyze complex systems and define the inputs, outputs and interrelationships; knowledge of NIF Financial System, COBOL, JCL. **Announcement No. 0825, Budget Technician, GS-514-7, PD No. 7708019N, Code 0833** — This position is located in the Office of Finance and Management, Budget Division. Incumbent provides continuous on-site financial staff expertise; prepares and continuously monitors budgets; clarifies financial system requirements to administrators of the department served; prepares special reports on financial expenditures and assures accuracy of all charges to department served. **Job Relevant Criteria:** Knowledge of Navy and NWC budgeting and accounting procedures; ability to exercise tact and good judgement; and ability to work under pressure.

**Announcement No. 0826, Budget Clerk, GS-501-4/5, PD No. 7708044N, Code 0833** — This position is located in the Office of Finance and Management, Budget Division. The incumbent will provide fiscal clerical support to the branch or any of the departments it serves. Incumbent assists in preparing overhead budgets and reports; monitors in customer and job order numbers; and processes travel orders and/or material requisition actions. **Job Relevant Criteria:** Demonstrated ability to meet deadlines under pressure; ability to work rapidly and accurately; ability to work with figures; and knowledge of accounting or budget clerical procedures.

**Announcement No. 0827, Budget Analyst, GS-546-11, PD No. 7708042, Code 0833** — This position is located in FMA Branch B, Budget Division, Office of Finance and Management. The incumbent is a lead field analyst and provides services to one or more of operating departments, including guidance of financial staff. Incumbent is responsible for analysis of budget execution, for monitoring, control and monitoring of direct, overhead, and capital budgets. Analyzes manpower vs. funding and workload. Identifies financial problems and recommends solutions, and is responsible for identifying system errors and inaccuracies. **Job Relevant Criteria:** Ability to gather and analyze raw financial data; ability to compare the effectiveness of both orally and in writing; ability to work rapidly and accurately with names, numbers, codes and symbols; ability to meet deadlines under pressure. Promotion potential to GS-12.

**Announcement No. 0828, Budget Analyst Trainee, GS-560-5, PD No. 7808080N, Code 0833** — This position is located in FMA Branch B, Budget Division, Office of Finance and Management. The incumbent provides services on an as-needed basis, to one or more of operating departments, including guidance of financial staff. Incumbent will become responsible for all phases of budget execution, formulation, control and monitoring of direct, overhead, and capital budgets. **Job Relevant Criteria:** Ability to gather and analyze raw financial data; ability to prepare clear and concise written communications; ability to make effective oral presentations; ability to deal tactfully and effectively with others. Promotion potential to GS-11.

**Announcement No. 0829, Management Analyst, GS-343-9/11, PD No. 8008034, Code 0824** — This position is that of a management analyst in the Plans and Analysis Branch, Management Division, Office of Finance and Management. The incumbent will perform studies in organizational planning, management improvement, position management, resource utilization, information management systems, cost effectiveness, etc. In addition, the incumbent will be involved in cost and economic analyses and facilities planning. **Job Relevant Criteria:** Ability to analyze complex problems; ability to make effective oral presentations; ability to prepare clear and concise written communications; ability to deal tactfully and effectively with others.

**Announcement No. 21-002, Communications Specialist, GS-392-7/9, PD No. 8121003, Code 2123** — Position is located in the Telephone Branch, Communications Division, Military Administration Department. Incumbent will provide technical guidance to other members of the branch. Incumbent serves as principal advisor to the Communications Officer on matters affecting telephone systems, FM mobile radio, intercommunications, public address, signaling, video, and data transmission systems and equipment. Analyzes and evaluates overall communications systems; reviews communication service requests (CSR); remains current on and recommends new systems for alarm circuits, FM mobile radio, telephone communications, data transmission and associated peripherals; provides liaison with telephone companies and communications equipment suppliers; provides technical briefs; responds to requirements from field installations; and reviews leased services and equipment. **Job Relevant Criteria:** Knowledge of radio and telephone communications systems; knowledge of telephone engineering and/or maintenance; knowledge of Federal and other governmental regulations pertaining to landline and carrier communications; planning and analytical ability; ability to communicate clearly both orally and in writing using technical terminology.

**Announcement No. 2430, Secretary (DMT), GS-316-5, PD No. 774029N, Code 042** — The incumbent will be the secretary to the fire chief. Will provide clerical support to the Fire Division as well as providing secretarial support to the fire chief by maintaining his calendar; coordinating and controlling correspondence, records and reports; drafting correspondence; and performing other ad-

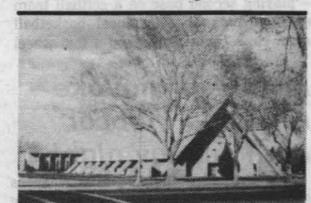
ministrative duties for the division. **Job Relevant Criteria:** Ability to work independently; knowledge of NWC policies and procedures regarding administrative matters; knowledge of English grammar, spelling and punctuation; ability to deal effectively with others; ability to use dictating machines. Status: eligible excepted.

**Announcement No. 24301, Supervisory Police Officer, GS-083-7, PD No. 7184012M, Code 2413** — This is a temporary position not to exceed one year which may lead to a permanent position. Position is located within the NWC Police Division, Safety and Security Department. Primary function is that of first line supervisor in the Patrol Branch responsible for one of three watches (shifts). Incumbent will primarily perform duties in the field, supervising the actions and performance of patrolmen; will ensure that all investigations handled by patrol units are properly conducted. Incumbent will, while on patrol, act as a patrol unit and will be alert to law violators, evidence of the occurrence of a crime or conditions which would adversely affect the welfare of the Center. **Job Relevant Criteria:** Knowledge of all aspects of police work, particularly patrol procedures and criminal investigations; knowledge of state and federal criminal law; ability to motivate and supervise; ability to communicate with others effectively; ability to prepare clear and concise reports; willingness to support Federal EEO policies and goals.

**Announcement No. 25-039, Supply Clerk, GS-2005-5, PD 7425019N, Code 25732** — This position is located in the Inventory Management Section, Stock Control Branch, Control Division, Supply Department. Duties involve responsibility for complete inventory management of a portion of the items which have been designated for control by the Center. This responsibility is executed through review, evaluation and adjustment of computer generated inventory management data and includes stock level maintenance, record maintenance and quality control, procurement authorization and administration of Navy Stock Fund or inventory dollar investment levels. **Job Relevant Criteria:** Knowledge of supply functions and procedures. Knowledge of inventory management. Knowledge of computer data files and data entry techniques. Ability to use and apply a variety of written manuals and instructions. Promotion has promotion potential to a Supply Technician GS-7. Promotion to that level is not guaranteed.

**Announcement No. 24-073, Industrial Electronics Control Mechanic, WG-2463-11, JD No. 443N, Code 2445** — Position is located in the Maintenance/Utilities Division of the Public Works Department. Duties of this position are to lay out, plan, design, build, test, install, maintain, troubleshoot and repair all types of highly complex integral devices, sub-assemblies and complete electronic units such as remote control and telemetry, instrumentation, data recording boiler flame safety devices, distillery, X-ray electro-cardiac monitors and recorders, security alarms and devices, and voltage and frequency controls for power generating equipment. **Job Relevant Criteria:** Ability to do the work of the position without more than normal

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## DIVINE SERVICES

<b>PROTESTANT</b>	
Sunday Worship Service	1000
Sunday School — All Ages	0830
Sunday School Classes are held in Chapel Annexes 1, 2, 4, (Dorms 5, 6, 8) located opposite the former Center Restaurant.	
Communion Service first Sunday of the Month.	
<b>ECUMENICAL:</b>	
Wednesday Noon Bible Study	1130
Thursday Men's Prayer Breakfast	0630
<b>ROMAN CATHOLIC</b>	
<b>MASS</b>	
Sunday	0830-1130
Nursery, Chapel Annex 1	0815-1245
Daily except Saturday, 1135 Blessed Sacrament	Chapel
<b>CONFESSIONS</b>	
Daily	1115 to 1150
Sunday	0800 to 0825
<b>RELIGIOUS EDUCATION CLASSES</b>	
Sunday Pre-school thru 11th grade	1000
Above classes are held in the Chapel Annexes across from the former Center Restaurant.	
Sunday afternoon 12th grade	1630
As announced "Home" Discussion Groups	and Youth Rallies
Contact Chaplain's Office for specifics.	
<b>JEWISH SERVICES</b>	
<b>EAST WING — ALL FAITH CHAPEL</b>	
Sabbath Services every Friday	
<b>UNITARIANS</b>	
<b>CHAPEL ANNEX 95</b>	
Sunday Services — (Sept.-May)	1930

## Premier League bowlers post three-game scores of 728, 700

Topnotch effort by two individual bowlers highlighted Monday night's Premier (scratch) League action at Hall Memorial Lanes.

Both Jim Bowen and Thad Brightwell reached or exceeded the 700 series plateau. Bowen logged the evening's high series score of 728 that was built on games of 266, 236 and 226. Brightwell had a 3-game total of exactly 700 as he came up with individual games of 255, 212 and 233.

Other Premier Leaguers who had an exceptional night by registering triple 200 series scores in the over-600 range were Glen Collins, 679 on games of 230, 215 and 234; Mark Barkemeyer, 670 on games of 211, 256, and 203; and Dick Furstenberg, 660 on games of 221, 221 and 218.

In the team competition, the second place Fisher Plastering keglers moved up a notch on the league leading Triangle Mobile Homes squad by posting a 3-game sweep over The Place.

Since Triangle Mobile Homes dropped one of its three games to Clancey's Claim Co.,

## L-1011 aircraft control system subject of IEEE meeting speaker

The "L-1011 Active Control System" will be the subject of a presentation to be given at this month's meeting of the China Lake Section of the Institute of Electrical and Electronics Engineers, Inc. (IEEE).

Jack Thronsen of the Lockheed Company will be the guest speaker. Thronsen is responsible for analytical design of the L-1011 Digital and Analog Automatic Flight Controls including the Category III Automatic Landing System.

The L-1011 digital active control system for maneuver load control and elastic mode suppression reduces wing loads through the use of outboard aileron control. This improvement permits the use of extended wing span with minimal wing structure change.

The design objectives and criteria with respect to maneuver and gust loads will be discussed along with system requirements for reliability and performance.

The March meeting of IEEE will be held on Monday at El Chorro Avitia, 1337 N. China Lake Blvd., Ridgecrest. Guests are encouraged to have dinner at El Chorro's between 5 and 7 p.m and join the meeting at 7 o'clock.

## Novy hoopster . . .

(Continued from Page 6)

Over this weekend, four players are due to be cut from the Interservice basketball squad before the group heads for Lewistown, Mont., to compete in the AAU Western Invitational Tournament that is scheduled March 25 through 28.

After that, it will be on to Jacksonville, Fla., for the National AAU Basketball Tournament, April 2-4. The Armed Forces hoopsters will wind up their tour by competing April 9-12 in the Amateur Basketball Association Tournament in Colorado Springs, Colo.

Last year, McIntosh played both for the all-Navy team and the Armed Forces all-star basketball squad.

## Artist from Bishop to give demonstration

Peggy Gray, of Bishop, will be the guest speaker-demonstrator at the next Desert Art League meeting on Monday at 7:30 p.m. at the Community Center.

Mrs. Gray teaches art at Bishop Union High School and also teaches for UC Riverside Extension. She has private classes and conducts workshops in the Bishop-Mammoth Lakes area.

Her volunteer work includes teaching art to the elderly and at the Bishop Indian Center.

The artist works mainly in watercolor and uses drawings to make the sketches that she will use later for finished paintings.

the first place cushion that the TMH bowlers have built up was cut to nine games over Fisher Plastering.

High team game for the night was the 1,059 rolled by the Raytheon Sidewinders, while high team series honors went to the Hideaway squad for its 3-game total of 2,959.

In addition to Bowen and Brightwell, there were seven Premier League bowlers whose individual scores were over the 600 series mark. They were: Benny Whiteside (635), Leon Watson (637), Hub Zimmerman (620), Bob Curtis (618), Will Levy (611), and Barney Brush and Aaron Kane (604).

Bowlers with single game totals in excess of 220, in addition to those already mentioned, were: Curtis (262), Kane (259), Bob Hooper (247), Watson (238), Chuck Rouland, Brush, and Whiteside (237), Zimmerman (234), Roy Canfield (227), Kim Duckett (224), and Ken Ziegler and Levy (222).

Current standings in the Premier League are:

Team	Won	Lost
Triangle Mobile Homes	59	22
Fisher Plastering	50	31
Buggy Bath	46	35
Partlow Construction	43	38
Raytheon Sidewinders	42	39
The Place	40	41
Clancey's Claim Co.	37	44
Hideaway	37	44
Elks Lodge	30	51
Hustlers	21	60

## Range area tests here part of volcanic study

Volcano studies have suddenly become a very vital concern in the mainland United States, especially any that can help determine the likelihood of a volcanic eruption.

Related to the likelihood of an eruption is whether magma — molten rock deep within the earth that bubbles and boils forth in an eruption as lava — is cooling in a particular crater, or whether it is still molten.

Both a carpenter's stud gun and a one-pound primer charge were used last year to see if firing them would set up seismic waves — compression waves — that could be recorded in a basalt flow near Baker range at NWC to determine geophysical characteristics of the flow. This was only the first part of a two-part study to see if compression waves produced in such a manner could show whether a magma lens is still molten or has hardened.

## SEISMIC WAVES MEASURED

The seismic waves were measured and recorded using a digital recorder and a 3 Hz vertical geophone as a sensor. The instrument recorded approximately 4 seconds of data in each test, one second before the trigger and three seconds after.

The travel time and amplitudes of the seismic reflections can be used to determine thickness and compressional wave velocity in the magma lens; the reflections can also determine to what extent the magma has crystallized.

Since the lava flows being tested near Baker range are approximately 400,000 years old, that particular lava has definitely hardened, but would allow the scientists to check their experimental techniques against known parameters.

## TEST CONDUCTORS

The tests at NWC were conducted by Douglas A. Stauber from the Menlo Park Office of the U.S. Geological Survey with the sponsorship of the Earth and Planetary Sciences Division at NWC, Glenn R. Roquemore of that division assisted Stauber with the tests.

The follow-on test was then conducted at Kilauea Iki crater in Hawaii, which is filled with 110 meters of basaltic lava that has been cooling since an eruption in 1959-60. There is currently a solidified crust of lava about 50 meters thick that is underlain by a partially molten lens of undetermined thickness.

After completion of second step tests at Kilauea Iki, the results would be checked by drilling and bore-hole measurements to determine the accuracy of the findings.

The initial seismic tests were conducted



**MONEY — SAVING IDEA** — Lester Darazs was the recent recipient of a Beneficial Suggestion Award for developing a Sidewinder loaded motor coupling ring modification tool. The presentation to Darazs, who is an instrument maker in the Experimental Model Shop of the Engineering Department's Engineering Prototype Division, was made by Jack Russell, who is head of the Engineering Department. The need for the tool developed by Darazs became apparent when the Sidewinder AIM-9L coupling ring was modified to eliminate a stress riser problem. By use of this tool, the missile motors can be modified in an efficient, low-cost manner that has resulted in a savings, up until this time, of \$26,750, until this time, of \$26,750.

reproducible from multiple shots within a few inches of each other, so it was determined that a larger gun, a .38 caliber with the largest loads possible, would be required for the Hawaiian tests.

The other item tested was a one-pound primer charge, DuPont HD-1, detonated between two and five feet above ground. The air shot records were completely reproducible and the signal shape at 30 feet from the source was not affected by shot height. The higher shots produced much less damage to the rock surface, and were, therefore, preferable for the Hawaiian experiment.

Information gathered about seismic waves in the magma lens at Kilauea Iki crater has potential use in determining the status of other volcanos such as the ones in the Cascade range of Washington, Oregon, and California.

## Promotional opportunities

(Continued from Page 2)

supervision; knowledge of industrial equipment operation, control and control repair; knowledge of electrical and electronic theory; use of test equipment; ability to troubleshoot; ability to interpret instructions, blueprints, schematics, specifications, etc. Supplemental is required and may be picked up the reception desk or in Rm. 210 of the Personnel Building.

**Announcement No. 26-074, Housing Project Assistant, GS-117-5, PD No. 8204241, Code 2651** — Position is located in the Personnel Support Branch, Housing Division, Public Works Department. Incumbent will receive and process applications for on-center housing. Incumbent assigns quarters, schedules check-in, pre-termination and termination inspections of quarters, and maintains occupancy records. Incumbent is responsible for the collection of sundry charges, and maintenance of collection and accounting records. Duties also include counseling military and civilian employees who request assistance in locating housing in the local community, and assisting them in locating suitable housing. **Job Relevant Criteria:** Knowledge of DoD Housing Regulations; ability to tactfully handle contacts with tenants and the public; knowledge of NWC family housing guidelines; ability to keep accurate records and prepare reports.

**Announcement No. 24-075, Electrical Engineer, DP-450-3, PAC No. 8026599E, Code 2435** — This is an intermittent position located in the Electrical Branch, Engineering Division, Public Works Department. Incumbent designs interior and exterior lighting and power systems. Performs facility and utility engineering studies. **Job Relevant Criteria:** Registration as a professional engineer; knowledge of lighting systems; knowledge of power systems.

**Announcement No. 33-010, Supervisory Physicist DP-1310-3/4, Supervisory Electronics Engineer, DP-855-3/4, Supervisory Mathematician, DP-1520-3/4, PAC No. 813231B, Code 3313** — The incumbent of this position will serve as head, Radio Frequency Branch, Sensor Systems Division, Fuzes and Sensors Department. This branch is engaged in research and development related to proximity fuzes, radar and electromagnetic modeling projects. The branch is organized to perform R&D of antennas, RF components and mathematical modeling of RF target signatures. The branch is also responsible for operation of the Fuzes Department Encounter Simulation Lab and its Missile Component Test Facility. **Job Relevant Criteria:** Knowledge of the theory of RF components and antennas as well as the design of these devices for missile fuzing or other sensor applications is necessary; experience in mathematically determining the RF signature of air and

surface targets and ocean clutter is desirable; interest in and potential to manage people problems; ability to plan, organize, assign, and review work; ability to communicate with others effectively both orally and in writing.

**Announcement No. 3418, Welder, WG-3703-8, JD No. 758N, Code 3447** — Position is located in the Engineering Prototype Division, Engineering Department. Incumbent uses electric and gas welding equipment to weld, braze and solder ferrous and non-ferrous alloys. Operates machine tools such as lathes, milling machines, saws, drill presses, grinding machines, brakes, shears, etc. Makes minor adjustments and set-ups. Works from blueprints, sketches and specifications. **Job Relevant Criteria:** Ability to do the work of a welder without more than normal supervision; knowledge of materials, structures, etc. of the trade; plan, layout and set up welding work; shop drawings, specifications, welding procedures, etc.; hand tools, measuring devices, etc.; safety and dexterity. Supplemental qualification statement is required. Statement may be picked up at the reception desk in the Personnel Building. Promotion potential to WG-11.

**Announcement No. 42020, Secretary, GS-318-4/5, PD No. 8042081N, Code 6204** — The position serves as secretary to the head, Range Control Center Program Office. Major duties include receiving visitors, mail and telephone calls; maintaining the supervisor's calendar; scheduling travel and conferences; typing official correspondence and travel orders; providing office services for the RCC office staff. Applications from status and appointment eligibles will be accepted. **Job Relevant Criteria:** Must be a proficient typist; knowledge of the Center's clerical procedures; ability to deal with a variety of administrative and clerical procedures.

**Announcement No. 44010, Secretary (Typing), GS-318-5, PD No. 794086N, Code 442** — This position is located in the Test Engineering Division, Parachute Systems Department. The incumbent will provide secretarial and clerical support to the division office. The incumbent receives, reviews, and routes incoming correspondence. He/she prepares replies to non-technical inquiries and composes letters or memoranda from verbal instructions or brief outlines from the division head. The incumbent determines the distribution of incoming correspondence and progress reports from government agencies or contractors associated with the division. The incumbent is responsible for the adequacy, procedure, and format of all correspondence prepared in the division requiring the division head's signature. **Job Relevant Criteria:** Ability to work under changing situations; ability to deal with all levels of NWC personnel; knowledge of correspondence procedures; ability to work with both civilian and military personnel.

## The Rocketeer

Official Weekly Publication  
Naval Weapons Center  
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Captain W. B. Hoff  
NWC Commander  
R. M. Hillyer  
Technical Director  
S. G. Payne  
Public Affairs Officer  
Don R. Yockey  
Editor  
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Editorial Assistant



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**Recreation Roundup**  
**Military bowlers invited to enter Long Beach tourney**

Military bowlers on the Naval Weapons Center who are interested in competing in the Southern Pacific area elimination tournament at the Naval Station in Long Beach are asked to make this interest known to Dean Ray, manager at Hall Memorial Lanes, by calling NWC ext. 3471 no later than today.

This elimination tourney for military bowlers will take place on the weekends of April 11-12 and 25-26 at Long Beach.

The NWC Recreational Services Department will make arrangements for sending up to eight local bowlers (men or women) to this event, and will pay the required entry fees.

If enough bowlers are interested, a local roll-off will be held to determine who will be sent from China Lake.

**AQUA AEROBIC CLASSES**

Registration for the next series of aqua aerobic classes is now underway at the Recreation Coordination Office, located in Bennington Plaza between the Center theater and the gym.

There is a fee of \$15 for five weeks of classes that will begin on March 30 and 31 and end on April 29 and 30. No classes will be held during Easter week (April 13-17).

One group of aqua aerobic classes has been scheduled on Mondays and Wednesdays from 9 to 10 a.m., and the other will be held on Tuesdays and Thursdays from 1 to 2 p.m.

**DISCOUNT COUPONS AVAILABLE**

The Recreation Coordination Office, located in Bennington Plaza between the Center theater and gym, has discount coupons or tickets for a number of places of entertainment in the Los Angeles area and San Diego.

Discount coupons can be obtained for Disneyland, Magic Mountain, Universal Studios, Marineland, Knott's Berry Farm, Movieland Wax Museum, and for a visit to the Queen Mary luxury liner, which is docked in Long Beach Harbor.

Fun seekers traveling to the San Diego area can obtain discount coupons for the San Diego Zoo, San Diego Wild Animal Park, and Sea World, as well as for harbor excursion trips.

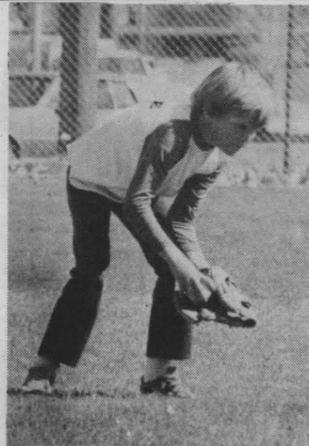
**Results announced of Over-Hill track club 15 km. race**

Rob Cross, a Naval Weapons Center a co-op student from New Mexico State University, last Saturday won the Over-the-Hill Track Club's (OHTC) 15 kilometer Rademacher Ridge Run.

Cross, who works in the Fuze and Sensors Department, established a new course record of 60 min., .09 sec., which was more than 3 1/2 minutes under the mark set last year by Tom Rindt.

Second place in this event, during which entrants started at the east end of the Cerro Coso Community College parking lot, jogged up and over the ridge south of the college before looping around to the west and then finishing back at the college, went to Laddie Shaw in 62 min., while Rindt placed third in 63:05.

Others among the top ten finishers, and their times, were: James Furnish, 66:42; Eric Kajiwara, 67:33; Mike Mumford, 68:28; Troy Fortin, 70:21; Larry R. Meyer, 70:45; John Anderson, 71:34; and Mel Miles, 73:50.



**HARBINGER OF SPRING** — Coaches and managers of China Lake Little League Major and Minor Division teams had the opportunity to look over prospective players for their squads during tryouts held last Saturday morning at Little League diamond No. 4. During the tryouts, youngsters demonstrated their ability to field ground balls at shortstop, handle fly balls hit to the outfield, and work out at first base. A similar tryout session for Indian Wells Valley Pony Leaguers was in progress at the same time on the nearby Pony-Colt League diamond.

**Round of practice games to kick-off youth soccer play**

A round of practice games, numbering 18 in all, will be played tomorrow as a prelude to the start of the 1981 spring season of the Youth Soccer League.

The league, which is sponsored by the NWC Recreational Services Department, has grown to 37 teams and approximately 525 players who are in the first through eighth grades.

A few openings remain on some of the teams. Boys and girls interested in playing soccer can obtain information and register at the Recreation Coordination Office, which is located in Bennington Plaza, between the Center theater and the gym.

The schedule of tomorrow's practice games is as follows:

- At Davidove Field**  
 Division 5 — Hurricane vs. Roughnecks, 8 a.m.; Diplomats vs. Surf, 9:15 a.m.; Tornado vs. Whitecaps, 10:30 a.m.; Sting vs. Kicks, 11:45 a.m., and Sounders vs. Rogues, 1 p.m.
- At Kelly Field (Murray School)**  
 Division 3 — Earthquakes vs. Blizzard, 8 a.m.; Cosmos vs. Aztecs, 9 a.m.; and Lancers vs. Sockers, 10 a.m.  
 Division 7 — Wolves vs. Gunners, 11 a.m.  
 Division 4 — Strikers vs. Atoms, 12:30 p.m., and Drillers, Boomers and Timbers alternating play beginning at 1:30 p.m.
- At Richmond School**  
 Division 2 — Express vs. Sunshine, 8 a.m.; Chiefs vs. Fury, 9 a.m.; and Rowdies vs. Apollos, 10 a.m.  
 Division 1 — Cobras vs. Hawks, 11 a.m.; Coyotes vs. Roadrunners, 12 noon; Panthers vs. Cougars, 1 p.m., and Eagles vs. Owls, 2 p.m.

**Little League tryouts**

China Lake Little League wishes to remind all children who are league age (9 through 12 years) that tryouts will be held at 9 o'clock tomorrow morning at the China Lake Little League Diamond No. 4.

For children who are league age 6 through 8, tryouts will be held on April 4 and 11 at 9 a.m. on Diamond No. 4.

**McIntosh does well in all-military hoop tourney**

The all-Navy basketball team finished third in a four-team tournament played last week at the Army Presidio in San Francisco.

The Navy cagers came out on the short end of a 110-97 final score in their first tourney tilt against their U.S. Army counterparts, who went on to capture the tournament championship.

Keith "Skip" McIntosh, a Navy enlisted man assigned to duty in the NWC Aircraft Department's Aircraft Support Division, was the top scorer for the Navy with 29 points in the Army vs. Navy contest.

High point man in this game, and one of the big reasons why the Army all-stars turned out to be the class of the interservice basketball competition, was Larry Warren, who tallied 30 points.

Warren, a former All-American basketball player during his collegiate days at Florida state, has been a member of the Army all-star hoop squad for the past three years, and has been a sensation in AAU tournament competition for the last two years.

After being outscored by 13 points by the Army all-stars, the Navy squad hooked up in a close contest with the Marines. This tilt went down to the wire before the Leathernecks pulled out a 99-97 win. McIntosh was one of the leading scorers for the Navy team with 22 points.

In the third and final interservice tourney clash, McIntosh tallied 14 points as the Navy hoopsters defeated their counterparts from the Air Force, 97-90.

Enroute to the interservice basketball tournament title, the undefeated Army all-stars edged the Air Force 95-93, and slipped past the Marines, 84-83, in addition to their 13-point win over the all-Navy cagers.

Based on his performance in this tourney, McIntosh was one of 16 players picked for

the 1981 Interservice basketball team. Other Navy players included in this select group are Kenneth Sinnett, from the U.S. Naval Academy, and Richard McGuire, who is stationed at the Mare Island Navy Supply Center.

Coaches of the Interservice basketball

**Final games of season played in Intramural Basketball League**

Four games — two each between B and C Division teams — last week rang down the curtain on the 1981 China Lake Intramural Basketball League season.

The F Troop cagers, an all-military team, firmed up its grip on second place in Division B by outscoring the cellar-dwelling Firefighters 47-36.

The game was a tossup at halftime, with F Troop holding a slim lead of 20-18. Joseph Esparza and Dan Ward led the Troopers with 19 and 18 points, respectively, while Robert Carter pitched in 16 for the Firemen.

In another Division B contest, the Panthers ended with a .500 mark for the season as they clawed the Zephyrs 52-28. At the midway point in this tilt, the Panthers (with a 28-10 lead) had as many points on the board as the Zephyrs tallied in the entire game.

Chris Long was the game's high point man with 16, and two of his teammates — Randy Sunday and Roy Kirk — hit 14 and 12 points. Top scorer in a losing effort for the Zephyrs was Rod Lewis, who had 13.

The first and second place teams in Division C tangled last week, and it was the first place CSC squad that came out on top by a score of 50-42 over the Comarco Chickenhaws to preserve an undefeated record.

team are Alex Scott, of the Army, head coach, assisted by Bill Carey, of the Navy. The team trainer is George Grigsby, of the Air Force, and the team manager is Bobby Gascon, athletic director at the Army Presidio in San Francisco.

(Continued on Page 7)

China Lake Intramural Basketball League		
Standings as of March 13:		
Team	Division	Won/Lost
<b>Division B (Final)</b>		
Loewen's B		12 0
F Troop		8 4
Panthers		6 6
Zephyrs		2 10
Firefighters		2 10
<b>Division C (Final)</b>		
CSC		12 0
Comarco Chickenhaws		9 3
Floorburners		6 6
Pizza Villa Poochies		6 6
Gas Bags		6 6
P&C's Antiques		2 10
Supply Bombers		1 11



**PARACHUTE DEMONSTRATION** — Navy test parachutists from the NWC Parachute Systems Department took part last Sunday in the Blue Angels air show at the Naval Air Facility in El Centro, Calif. The show was opened by PR2 Bill Leuallen, who floated to earth with an American flag (photo inset). —Photos by PHCM. R. Villalpando

**NWC parachutists participate in air show at NAF El Centro**

It was "old home week" this past Sunday at the Naval Air Facility in El Centro, Calif., for nine Navy test parachutists from the NWC Parachute Systems Department.

The nine parachutists were participants in an air show at El Centro that featured the Blue Angels, Navy flight demonstration team.

The jumpers were ferried to and from their destination in a C-17 aircraft, piloted by Lt. Col. William S. Smith, of the Marine Corps Liaison Office at NWC, and LCdr. B. L. Dieckman, who heads the Maintenance Control Branch in the Aircraft department's Aircraft Support Division.

NWC's participation in the air show at El Centro also was highlighted by a rear seat ejection test from a YF-4 Phantom aircraft. Lt. Mike Sweeney, the pilot, carried out what observers called "a perfect shot" of the ejection seat and its anthropomorphic dummy passenger while flying about 50 ft. above ground at a speed of around 180 knots.

In addition, an F-86 aircraft was flown to El Centro and placed on display during the Blue Angels' air show.

The air show was opened with the playing of the national anthem and a parachute jump by PR2 Bill Leuallen, who descended with an American flag that waved in the breeze as he dropped to the ground from a height of 4,000 ft.

PRAN Lisa Arsenault, one of the few qualified Navy women test parachutists, was among a group of four jumpers who "hit the silk" next at an altitude of 3,000 ft. to demonstrate how various types of test parachutes can be maneuvered. The other three were PR2 Steve Blankenship, PRAN Bob Ferratoli, and Lt. Bob Rocafort.

After gaining altitude to 12,500 ft., the aircraft carrying the parachutists leveled off and headed over the crowd-packed airfield at El Centro to permit first PRCS Ron Allen and PRAN Brian Barbuttes to exit, and then, during the aircraft's final

**Energy conservation tip**

At night, be sure to lessen heat loss by drawing draperies and curtains to cover windows. Heat can escape rapidly through glass, and covering the windows helps keep the heat inside your home.

**Saxton takes over as head of NWC Recreational Services Dept**

Starting Monday, Les Saxton will be on the job full time in his new role as head of the Recreational Services Department.

Saxton, who has most recently been head of staff in the Weapons Department, brings a range of experience garnered in his nearly 10 years at the Naval Weapons Center to his new role as department head.

He came to the Center fresh from the classrooms of the University of California at Berkeley, from which he had just received a bachelor's degree in economics. Much of his

**Runway resurfacing causes temporary change in takeoffs**

Residents of the Indian Wells Valley who live near the aircraft corridors may hear some additional engine noise after takeoffs at the Naval Weapons Center's Armitage Airfield for a brief period of time.

Starting next Wednesday, March 25, runway 3-21, the runway normally used for takeoffs and landings at Armitage Airfield, will be shut down for repairs. The overlay and repairs are expected to take approximately 30 to 45 days.

The entire runway will be heat-scarified, a rejuvenating agent will be applied, and it will be covered with a new layer of asphalt concrete a minimum of two inches thick.

Desert Construction of Victorville, Calif., has been awarded a contract for the runway repair operation; cost of repairs is expected to be about \$750,000.

The new overlay is required at least every ten years because the extremes of desert heat and cold cause concrete to crack, and the force of high-performance aircraft landing thousands of times each year also eventually damages a runway surface.

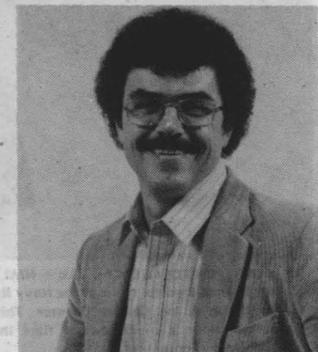
Small pebbles or chunks of asphalt or concrete that break off can be sucked into the intake of jet engines, causing severe damage to such engines. One aircraft engine can cost in excess of \$1,000,000.

While runway 3-21 is being resurfaced, aircraft will use runway 14-32. This will cause no change in landing patterns, but takeoffs will bring aircraft somewhat closer to populated areas.

time on board has been spent as a management analyst, working for the Office of Finance and Management; he also served as Coso Coordinator in the Geothermal Utilization Division of the Public Works Department before moving to the Weapons Department as head of staff.

During his stint as a management analyst, Saxton began work on a master's degree in Public Administration, receiving his external degree through the University of Southern California program at NWC in 1978.

He's still definitely in touch with the world of academia, however, because for the past five years he's been teaching economics at Cerro Coso Community College. ("It's a fascinating subject because economics helps you understand how the world works and why government decisions are made. Also it helps in determining just how to



**Les Saxton** assess the implications of what a politician says he is going to do," says Saxton.)

Although Saxton was born in Hardy, Iowa, he grew up in the San Francisco Bay area where he met and married his wife, Nancy. They have two daughters, Christie, 9, and Heather, 6.

Saxton has been a steady user of Recreational Service Department facilities; he's one of the top ranked racquetball players in the area. He's also had extensive contact with the work of the department (which was a division in the Office of Finance and Management until last year) during assignments dealing with Special Services that included a two-month stint at the Commissioned Officers' Mess.

"Joe Mauro did a good job in organizing the Recreational Services Department and keeping things viable," says Saxton. "He had a good handle on what was going on, and I hope to be able to continue his good work."

**VX-5 ceremony . . .**

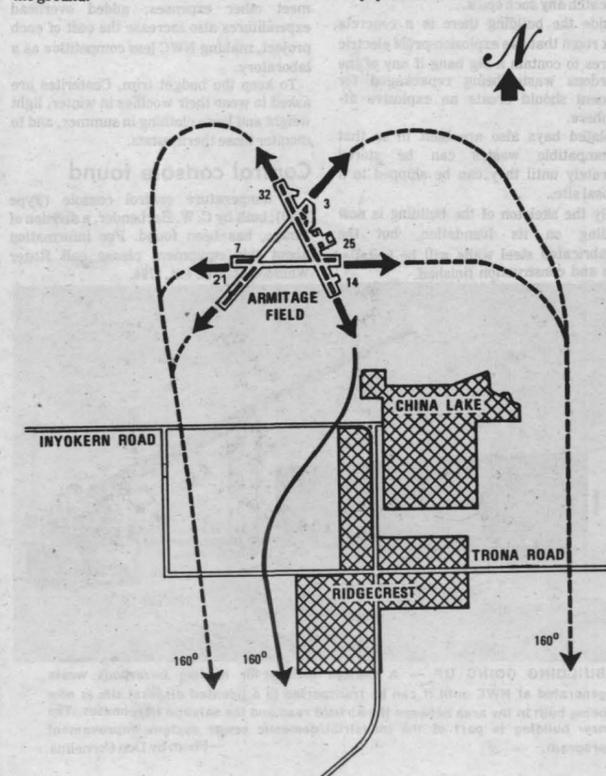
(Continued from Page 1) included a deployment to the Mediterranean.

Transition training in the A-6E Intruder aircraft preceded Capt. Hollandsworth's next assignment as Executive Officer and subsequently Commanding Officer of Attack Squadron 65. During a 1973-74 cruise aboard the aircraft carrier Independence, VA 65 (a part of the Sixth Fleet) remained at sea in an alert status while the so-called Yom Kippur War was in progress.

Returning to the U.S., the soon-to-be new Commanding Officer of VX-5 attended the Air War College at Maxwell Air Force Base in Alabama, and was then assigned to the Staff of the Chief of Naval Operations as the A-6 Program Coordinator before moving to Whidbey Island Naval Air Station where he has been since 1977.

During his career as a naval aviator, Capt. Hollandsworth has been awarded the Silver Star Medal, three Distinguished Flying Crosses, 25 Air Medals, three Navy Commendation Medals with combat "V," and various other service and campaign medals.

Capt. Hollandsworth is married to the former Shirley A. Storm of East Detroit, Mich. They have two children, Tracy and Eric.





**ADDITION TO MEDICAL LAB** — HM2 David Parsons, a laboratory technician at the branch medical clinic of the Navy Regional Medical Center, demonstrates the operation of the Coulter Counter. This machine provides more accurate information in a much shorter time than was possible previously using other laboratory equipment. —Photo by Don Cornelius

## Storage facility for hazardous waste now under construction

Especially careful construction techniques are being used in building a new structure between the salvage warehouses and the road to Armitage Airfield.

This structure — a hazardous waste transfer station — will serve as the point for collection and interim storage of hazardous waste generated by the Naval Weapons Center prior to final disposal of such waste at a licensed disposal site.

## Tokuyama . . .

(Continued from Page 1)

negotiator in the Contract Negotiation Branch (Code 2525), Tokuyama often is assigned more complex requirements than those of other negotiators. In addition, he was frequently consulted by other negotiators and assumed a more active role in training procurement clerks and other negotiators in the branch.

In addition to the foregoing, Tokuyama was successful in awarding the contracts he handled in shorter time than any other negotiator here. He averaged 55.58 days, compared to 69.6 for the Contract Negotiation Branch as a whole.

Tokuyama reduced the average lead time on each of the contract actions he processed by nearly two work weeks. This resulted in a savings to the Center of more than 569 days of processing time, or 1½ years on the contracts that he handled.

Tokuyama began his Civil Service career as a GS-2 at the U.S. Army Procurement Agency in Japan in 1948, after serving a two year hitch in the U.S. Army.

He was born and raised in Hawaii, and spent the majority of his 33 years as a Civil Service employee on overseas assignments.

Before joining the NWC Supply Department in January 1978, Tokuyama was a supervisory contract specialist with the U.S. Army Procurement Agency in Korea for 2½ years. His more than three decades as a Civil Service employee also includes serving as Chief of the Procurement Operation Branch in Taiwan from October 1966 to May 1970.

## New lab equipment at medical clinic speeds test results

In its constant effort to update and improve medical equipment, the Navy Regional Medical Center's branch medical clinic on the Center is sporting a fancy new piece of equipment that will not only dramatically speed up complete blood tests, but also perform these far more accurately than has been possible before.

The Coulter Counter will examine blood samples for red cells, white cells and hemoglobin content, giving a very close count rather than merely indicating whether the blood sample falls within normal range. This machine, in fact, is accurate enough so that long term blood studies can easily be carried out for research purposes.

A computer on the new machine also provides data immediately that formerly had to be computed by hand, again increasing accuracy of information as well as speed.

The speed at which all this is accomplished?

Only three minutes per patient, and the examining doctor will have all the information needed for the complete blood count.

## Gov't restrictions on bldg. heating, cooling to be continued here

President Ronald Reagan has given authority to cognizant personnel at each activity to decide whether or not to continue temperature restrictions of 65 degrees maximum in winter and 78 degrees minimum in summer in federal buildings.

After careful consideration, the Naval Weapons Center has determined to keep these temperature restrictions in force.

There's one simple five-letter explanation for the Center's continuance of a regulation begun for energy conservation—money.

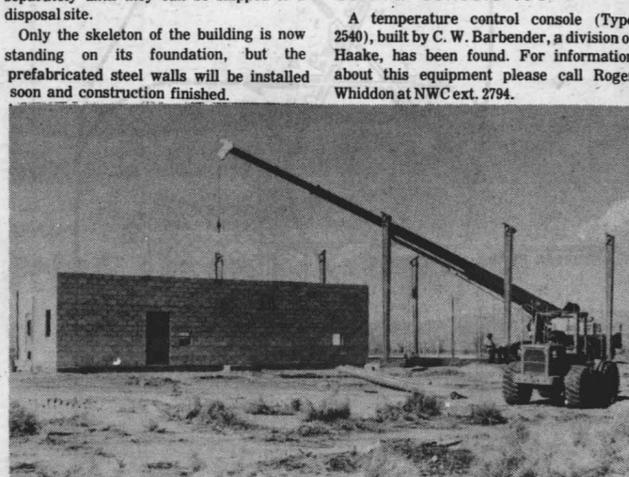
NWC's utility bill averages \$486,623 each month. If each of the Center's employees had to pay a share of the bill, that share would be about \$113 every month, or \$1,356 during a fiscal year (providing, of course, that utility rates don't continue to spiral up).

The money to pay this staggering amount comes from Center overhead funds. Money spent to pay utility bills is not available to meet other expenses; added overhead expenditures also increase the cost of each project, making NWC less competitive as a laboratory.

To keep the budget trim, Centerites are asked to wear their woolies in winter, light weight and loose clothing in summer, and to monitor those thermostats.

Control console found

A temperature control console (Type 2540), built by C. W. Barbender, a division of Haake, has been found. For information about this equipment please call Roger Whiddon at NWC ext. 2794.



**BUILDING GOING UP** — A storage facility for holding hazardous waste generated at NWC until it can be transported to a licensed disposal site is now being built in the area between the airfield road and the salvage warehouses. The new building is part of the industrial/domestic sewer system improvement program. —Photo by Don Cornelius

## Police reports . . .

A tool box containing a variety of tools that are the property of the government turned up missing on Thursday of last week from a building at Armitage Airfield.

The tool box and its contents is valued at \$200.

### HIT, RUN ACCIDENT

A vehicle hit and run accident at the corner of Coral Sea and Ticonderoga Ave., which occurred on Thursday morning of last week, was cleared up later that same day when a juvenile motorist turned himself in at the China Lake police station.

The suspect, who was charged with hit and run and leaving the scene of an accident, has been referred to the Kern County Juvenile Probation Department for disposition of the complaint levied against him.

### BICYCLE TIRES SLASHED

A student at Murray Junior High School, who last week was the victim of an act of vandalism, reported the incident to China Lake police.

Sometime while the victim was attending class on Thursday of last week, tires valued at \$36 were cut off his bicycle while it was left parked in one of the school's bike racks.

### TENNIS SHED BURGLARIZED

Burglary of an equipment storage shed at the China Lake tennis courts was reported late Sunday afternoon to China Lake police.

The incident, which is believed to have occurred between 3 p.m. Saturday and the time it was reported at 4 p.m. on Sunday, resulted in the theft of more than 200 tennis balls valued at \$160, and damage to a sun shade that will cost an estimated \$50 to repair.

### PURSE REPORTED STOLEN

A woman patron of the Center Library lost her purse last Friday afternoon to someone who picked it up while she had her back turned and was busy searching for a book on one of the library shelves. The purse and its contents were valued at \$25.

### BIKE PARTS KIT TAKEN

A youth attending the movie last Friday night at the Center theater reported the theft of a spare parts kit and tire pump that were taken from his bike left parked near the theater while he was watching the movie. The loss was set at \$30.

## EEO Award luncheon scheduled April 8 at Enlisted Mess

Plans for an annual Equal Employment Opportunity Award luncheon to be held on Wednesday, April 8, at the Enlisted Mess are now being completed. Everyone in the community is invited to attend.

The luncheon is held to honor supervisors and management personnel who clearly excel in promoting equal employment opportunity within their own organization, persons with program projects or activities with EEO implications, and EEO program leaders.

Supervisors who are nominated must have motivated employees through direct encouragement and assistance to develop their full potential and utilize their skills to maximum extent, have achieved effective employee utilization, and demonstrated sensitive treatment to all employees.

Also nominated are those whose work is not specifically EEO, but who, through superior accomplishments in training, recruiting or other activities, have advanced equal opportunity.

EEO program leaders who are nominated have specific responsibilities for equal employment opportunity within the Federal Government, such as serving as EEO counselors, EEO officers, or program assistants.

Reservations for the lunch may be made by telephoning Eloise Burkland at NWC ext. 2634 by Wednesday, April 1. Menu choices are chef's salad, club sandwich, or beef stew; all are \$3.

## Cerro Coso College to administer CLEP tests April 6-10

The Collegial Level Examination Program (CLEP) test will be administered at Cerro Coso Community College the week of April 6 through 10, 1981.

Two types of examinations are given. One is a general examination that measures achievement in five basic areas of liberal arts: English, humanities, mathematics, natural science, and history. There also are subject examinations that measure knowledge in specific introductory college courses in particular fields.

CLEP tests provide alternate channels for meeting general education requirements, recognize superior preparation and accomplishment of high school students at the time they enter college, provide an alternate means of satisfying specific course requirements, recognize the continued growth and development of adults not attending a formal education program, and assist in evaluation and placement of foreign students.

Students can earn up to 30 semester units of credit toward graduation at Cerro Coso College through credit by examination including CLEP.

Cost of the examination is \$22 for the first test and \$18 for each additional test taken during the same month. Reservations can be made at the Cerro Coso Counseling Center.

Cerro Coso College is a designated limited test center and, as such, will administer tests periodically as student and community need dictates.

## Only 1 week left to submit nominations for Sec'y of Year

There is only one more week before nominations close on the Secretary of the Year awards, sponsored by the Federal Women's Program Committee. Friday, March 27, is the last day.

The criteria for nomination, and the nomination form, were published in the NWC Announcements the week of March 5th. Copies are also available from the EEO office and in department offices. Any secretary can be nominated, and any NWC employee can submit a nomination.

Secretaries and clerks are critical people in the accomplishment of the Center's mission. Those who work with an exceptional secretary can express their thanks for a job well done by nominating that very special person for the Secretary of the Year award.

## Bluejacket . . .

(Continued from Page 1)

drive vehicle and likes just getting out in the desert.

AE3 Taylor plans to remain in the Navy and is hoping to be stationed next at Barbers Point, Hawaii.

As Bluejacket of the Month, AE3 Taylor will get a 96-hour liberty and no duty status for 30 days. He will also receive an official letter of commendation signed by Capt. William B. Haff, NWC Commander, and an NWC plaque with his name on it.

## Seminar to ease anxiety with mathematics slated

Because of the interest indicated by an earlier program on this subject, another brown bag seminar entitled Becoming Comfortable with Math will be sponsored by the Federal Women's Program.

This seminar will begin on March 24 and be held on Tuesdays, from 11:30 a.m. to 12:30 p.m., at the Training Center through May 19 (except for Easter week, April 14).

Anne Teppo, a math instructor, and June Wasserman, a psychology instructor (both from Cerro Coso Community College), will conduct the seminar, which is open to all interested persons. Advance registration is not required.



**IN SELECT GROUP** — Assembled last week for a ceremony during which they received Presidential Letters of Recognition that were presented by Capt. William B. Haff, NWC Commander, were the above group of Center employees. They are (front row, l.-r.) Rudolph Moreno, Eugene E. Chun, Earl L. Finnessey, Elwin L. Lynch, Melcor G. Marquez, Lawrence N. Kartchner,

Earl G. Machowsky, and James C. Chambers, all employees of the Fuze and Sensors Department. In the back row are (from left) Richard C. Porter, William F. Walters, Warren J. Ellingson, Marvin A. Hunter, Dan Butler, Keith E. Clark, and Wayne A. Burnett. George M. Gasparovich and John L. Pidgeon, honored in the same fashion, were unable to be present for the photo.

## Presidential Letters of Recognition given for work resulting in \$ savings to gov't

Seventeen Naval Weapons Center employees were honored last week by being presented with Presidential Letters of Recognition. These employees were recognized under the Presidential Recognition Program that was in effect during the Carter Administration.

The purpose of the program was to recognize federal government employees for their contributions submitted through the Incentive Awards Program that resulted in first-year tangible benefits of \$5,000 or more, or significantly contributed to energy conservation, a reduction in paperwork, regulation reform, reorganization, or zero base budgeting.

The letters that were signed by former President Carter were presented by Capt. William B. Haff, NWC Commander, during a ceremony held in the Michelson Laboratory auditorium. The recipients, and their codes, are:

### HONOREES LISTED

Dan W. Butler (Code 01A4), Marvin A. Hunter and Warren J. Ellingson (Code 26), Melcor G. Marquez, Lawrence N. Kartchner, George M. Gasparovich, Elwin L. Lynch, Earl G. Machowsky, Elwin L. Lynch, Earl L. Finnessey, Eugene E. Chun, John L. Pidgeon and Rudolph Moreno (all Code 33 employees), Keith E. Clark and Wayne A. Burnett (Code 36), William T. Walters (Code 39), and Richard C. Porter (Code 62).

Prior to Capt. Haff's presentation of the Presidential Letters of Recognition to the individuals and groups singled out for this distinction, officials from each of the departments or organizations within the Center outlined the basis for the various awards.

### LAB COORDINATOR COMMENDED

B. W. Hays, Deputy Technical Director and Laboratory Director, noted that Butler, who is the Michelson Lab coordinator, is responsible for coordinating and maintaining a 500,000 sq. ft. laboratory/machine shop/office facility, and reducing its operating costs. He established on-going programs to provide more energy efficient lighting to the buildings in this complex, and arranged for windows to be screened with reflective film in order to reduce the amount of energy required for heating and cooling the huge laboratory.

As a result of Butler's efficient management of the Michelson Laboratories complex, the electrical and steam loads for the lab complex have declined significantly over the past three years. His efforts resulted in the efficient utilization of facility resources and saved NWC more than 680,000 kilowatt hours (KWH) in the first six

months of 1979.

The steam savings was equally substantial, being estimated at 5,000 million British thermal units (BTUs) per year. The first year tangible benefits for these savings was \$60,000.

Capt. Jon Ives, Public Works Officer, described the efforts of Hunter and Ellingson, who modified the vast air conditioning system in the Center's major laboratory complex (Michelson Lab), resulting in a substantial savings in electrical energy.

### RESULTS OF INGENUITY

Through the efforts of these two Public Works Department employees, steam was shut off, thus eliminating a pseudo heat load to the building; a second cooling coil for 12 of the roof units was secured; and the chilled water output from the basement units in Michelson Lab was raised from its design level of 42 degrees F to 52 degrees F.

This allowed the laboratory complex to operate on only one 500-ton chiller 95 percent of the time and reduced the electrical load by raising the chilled water output temperature by 10 degrees.

"The result was a total cost savings of \$46,000 and a total energy savings of 939,200 KWH," Capt. Ives said. "This was the largest single savings in energy on the Center, and NWC will continue to reap these savings for years to come," it was added.

### \$210,000 SAVINGS REALIZED

Ralph Bauer, head of the Fuze Systems Division in the Fuze and Sensors Department, represented R. A. Boot, head of Code 33, by introducing eight of the ten Code 33 employees and telling about their accomplishments that resulted in a savings of \$210,000 to the government.

Based on bids received from a contractor for the manufacturing of 70 Target Detecting Devices (TDDs) for the Talos missile, it became apparent that a sizable savings to the government could be realized by performing the final assembly test and inspection at NWC.

The plan that was adopted called for delivery of the Talos missile TDDs to the Fleet over a six-month period. Even though the contractors were late by more than a month in providing major components, the Fuze Department team completed the entire task three months ahead of schedule.

NWC purchased the major components and other required materials, and also supplied the labor for the final assembly and test of the TDDs at an expenditure of \$1,194,200, compared to the contractor's cost estimate of \$1,404,200.

Clark and Burnett, two employees of the

Engineering Department, were singled out to receive Presidential Letters of Recognition for their development of a prototype missile seeker platform or gimbal set.

According to Jack Russell, their department head, who told about the accomplishments of Clark and Burnett, these two men met the challenge when asked to design a prototype missile seeker platform that, by the addition of a third gimbal, would have more motion than the conventional two-gimbal platform.

Based on past experience when three gimbal platforms were designed and built, the effort required about a year's time. Using a simplified design that was the product of their own ingenuity, and utilizing existing hardware, Clark and Burnett cut the time for prototype design and fabrication to six months.

### BOTH TIME, MONEY SAVED

The result was a \$35,000 savings in the development of the prototype missile seeker platform, along with a six month savings in time.

D. G. Bullard, associate head for Anti-Air Systems in the Weapons Department, described Walters' noteworthy contribution to government cost savings.

In response to a request by the Navy, a module of the Sparrow AIM-7F missile was redesigned by the contractor and submitted to NWC for review. In the course of this review, Walters succeeded in simplifying the missile redesign in such a manner as to make its impact on field test equipment negligible, Bullard stated.

Prior to the effort by Walters, the redesign required a substantial change to the field test equipment that inflated the cost of each of the nine units that were required by \$28,000 each.

Thanks to Walters' contributions, a savings of \$252,000 to the federal government was realized.

### RAIL ALIGNMENT FIXTURE

John DiPol, former head of the NWC Range Department, represented Dick Boyd (his successor) in outlining the accomplishment of Porter, a retired machinist model maker, who designed and built a rail alignment fixture for use on the Supersonic Naval Ordnance Research Track (SNORT).

Each piece of the rail alignment fixture had to be made and then precision-fitted to the track. By having this work done in-house instead of by a private company that made a similar fixture for another test track, there was a \$50,000 savings to the government.